CITY COUNCIL AGENDA

Tuesday, April 23, 2024

ROLL CALL:
Mayor/Chairman/President:
Andrew C. Lara
Mayor Pro Tempore/Vice Chairman/Vice President:
John R. Garcia
Councilmembers/Directors/Commissioners:
Gustavo V. Camacho
Erik Lutz
Dr. Monica Sanchez

Meeting jointly and regularly with the Pico Rivera Successor Agency to the Pico Rivera Redevelopment Agency (as needed); Pico Rivera *Housing Assistance Agency (as needed); Pico Rivera Water Authority (as needed); and Public Financing Authority (as needed)

Regular Meeting 6:00 p.m.
Council Chamber
6615 Passons Boulevard
Next Resolution No. 7328
Next Ordinance No. 1184
Next Agreement No. 24-2317
Successor Agency to PRRA
Next Resolution No. SA-24-29
Next Ordinance No. SA-01
Next Agreement No. S24-006
Housing Assistance Agency
Next Resolution No. HA-108
Next Ordinance No. HA-16
Water Authority
Next Resolution No. 24-37
Next Ordinance No. 24-01
Next Agreement No. 24-78
Public Financing Authority
Next Resolution No. PFA-24-13

TELECONFERENCE NOTICE

Pursuant to Government Code Section 54953, subdivision (b), the following Council meeting will include teleconference participation by Councilmember Dr. Monica Sanchez from:

Hyatt House Tempe/Phoenix/University
601 E 6th Street
Tempe, Arizona 85281

The Notice and Agenda will be posted at the teleconference location. Public comment from this address shall be allowed pursuant to Government Code Section 54954.3

COMMISSIONERS SCHEDULED TO BE PRESENT:
Maricela Lizarraga, Parks and Recreation Commission
Ana Rosa Ascencio, Sister City Commission

INVOCATION:

PLEDGE OF ALLEGIANCE:

PLEASE TURN OFF OR SILENCE CELL PHONES WHILE MEETING IS IN SESSION AND PLEASE REFRAIN FROM TEXTING DURING THE MEETING

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In compliance with the Americans with Disabilities Act of 1990, the City of Pico Rivera is committed to providing reasonable accommodations for a person with a disability. Please call the City Clerk's office at (562) 801-4389, if special accommodations are necessary and/or if information is needed in an alternative format. Special requests must be made in a reasonable amount of time in order that accommodations can be arranged (within 24 to 48 hours' notice).

*Commissioners receive a $30.00 stipend per each meeting held and attended.

SPECIAL PRESENTATION(S):

- Proclamation – 55th Annual Municipal Clerk's Week May 5-11, 2024
- Certificates of Recognition for the 2023-2024 El Rancho High School Varsity Cheer team

PUBLIC HEARING:

City Council:

1. **Public Hearing – Vesting Tentative Tract Map No. 84271 – Request to Subdivide One Parcel for a 95-Unit Townhouse Condominium Development Located at 6540 Rosemead Boulevard.** (1300)
   a) Open public hearing
   b) Memo from City Manager
   c) Written Communications
   d) Oral Communications
   e) Close public hearing
   f) Recommendation:
      1. Approve a resolution authorizing a Vesting Tentative Tract Map No. 84271; and
      2. Find that the Project categorically exempt from the California Environmental Quality Act (CEQA) pursuant to CEQA Guidelines Section 15332 (Class 32 – Infill Development).

      Resolution No._____ A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PICO RIVERA, CALIFORNIA, APPROVING VESTING TENTATIVE TRACT MAP NO. 84271 FOR A 95-UNIT TOWNHOUSE CONDOMINIUM DEVELOPMENT LOCATED AT 6540 ROSEMEAD BOULEVARD (APN 6378-017-004)

2. **Public Hearing – Fiscal Year 2024-2025 Community Development Block Grant Annual Action Plan Approval.** (1600)
   a) Open public hearing
   b) Memo from City Manager
   c) Written Communications
   d) Oral Communications
   e) Close public hearing
   f) Recommendation:
      1. Approve a resolution authorizing the City Manager, or designee, to submit the fiscal year 2024-2025 Annual Action Plan to the U.S. Department of Housing and Urban Development; and
      2. Authorize the City Manager to enter into agreements with eligible subrecipients and purchase of supplies, programs, and equipment as noted in the fiscal year 2024-2025 Annual Action Plan and budget.

Resolution No._____ A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PICO RIVERA, CALIFORNIA, APPROVING THE FISCAL YEAR 2024-2025 ANNUAL ACTION PLAN IN ACCORDANCE WITH THE U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT REGULATIONS

PUBLIC COMMENTS:

IF YOU WOULD LIKE TO COMMENT ON ANY LISTED AGENDA ITEMS OR NON-AGENDA ITEMS, PLEASE FILL OUT A GREEN PUBLIC COMMENT REQUEST FORM AND PROVIDE IT TO THE STAFF MEMBER AT THE BACK TABLE BEFORE THE MEETING STARTS.

When you are called to speak, please come forward and state your name and city of residency for the record. You have three (3) minutes to make your remarks. In accordance with Government Code Section 54954.2, members of the City Council may only: **1)** respond briefly to statements made or questions posed by the public; **2)** ask a question for clarification; **3)** provide a reference to staff or other resources for factual information; **4)** request staff to report to the City Council at a subsequent meeting concerning any matter raised by the public; and **5)** direct staff to place a matter of business on a future agenda. City Council members cannot comment on items that are not listed on a posted agenda.

CONSENT CALENDAR ITEMS:

All items listed on the Consent Calendar may be acted on by a single motion without separate discussion. Any motion relating to a Resolution or Ordinance shall also waive the reading of the titles in full and include its adoption as appropriate. If discussion or separate vote on any item is desired by a Councilmember or staff, that item may be pulled from the Consent Calendar for separate consideration.

CONSENT CALENDAR:

City Council:

3. Minutes:

- City Council regular meeting April 9, 2024

Recommendation: Approve

4. 15th Warrant Register for the 2023-2024 Fiscal Year. (700)

Check Numbers: 294283-294386
Special Check Numbers: None
Recommendation: Approve

5. Authorizing Application Submittal for the Local Government Waste Tire Cleanup Grant from the California Department of Resources Recycling and Recovery. (700)

Recommendation:

1. Approve a resolution authorizing the submission of applications for funding under the California Department of Resources Recycling and Recovery Local Government Waste Tire Cleanup Grant; and

2. Authorize the City Manager or his designee to execute all program-related documents, including future grant applications and administer funding if the City's application is awarded.

Resolution No._____ A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PICO RIVERA, CALIFORNIA, AUTHORIZING SUBMISSION OF GRANT APPLICATIONS AND RELATED AUTHORIZATIONS FOR THE WASTE TIRE CLEANUP GRANT PROGRAM ADMINISTERED BY CALRECYCLE

6. Establishing Job Classification for the Full-Time Senior Water Treatment Supervisor and Reclassify the Current Water Treatment Supervisor to Senior Water Treatment Supervisor. (200)

Recommendation:

1. Approve a resolution establishing job classification for the Senior Water Treatment Supervisor; and
2. Approve the reclassification of a Public Works employee from their current position as the Water Treatment Supervisor to the Senior Water Treatment Supervisor.

Resolution No._____ A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PICO RIVERA, CALIFORNIA, ESTABLISHING JOB CLASSIFICATION FOR THE FULL-TIME SENIOR WATER TREATMENT SUPERVISOR AND RECLASSIFY A PUBLIC WORKS EMPLOYEE FROM WATER TREATMENT SUPERVISOR TO SENIOR WATER TREATMENT SUPERVISOR

7. Approval of Final Tract Map No. 83619 – 45-Unit Townhome Home Development Located at 4820 Durfee Avenue. (1300)

Recommendation:

1. Approve a resolution for Final Tract Map No. 83619 – 45-unit townhome development located at 4820 Durfee Avenue;
2. Approve Final Tract Map No. 83619 as it conforms to the requirements in the Subdivision Map Act and previously approved Vesting Tentative Tract Map No. 83619;
3. Accept dedication of an easement for public street and utility purposes;
4. Authorize the Public Works Director/City Engineer to sign the Final Parcel Map; and
5. Authorize the City Clerk to sign and submit the Final Tract Map No. 83619 for recordation with the Los Angeles County Registrar-Recorder's Office.

Resolution No._____ A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PICO RIVERA, CALIFORNIA, APPROVING THE FINAL TRACT MAP NO. 83619 TO ALLOW FOR CONSTRUCTION OF FORTY-FIVE (45) TOWNHOMES LOCATED AT 4820 DURFEE AVE

8. Approve a Resolution Declaring Designated Fleet Inventory and Equipment as Surplus Personal Property. (200)

Recommendation:

1. Approve a resolution declaring the vehicles and equipment included in Exhibit A to the resolution as surplus personal property and direct the City Manager, or his designee, to proceed with the disposal of such vehicles and equipment, and approving of the sale of any such vehicles or equipment over $5,000 to the highest bidder; and
2. Authorize the City Manager, or his designee, to execute any agreements necessary to facilitate the sale or disposal of vehicles and equipment listed on Exhibit A of the resolution.

Resolution No._____ A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PICO RIVERA, CALIFORNIA, DECLARING DESIGNATED FLEET INVENTORY AND EQUIPMENT AS SURPLUS PERSONAL PROPERTY AND AUTHORIZING THE CITY MANAGER TO PROCEED WITH THE DISPOSAL OR SALE OF THE VEHICLES AND EQUIPMENT

9. Approve Amendment No. 1 to Agreement No. 21-2049, for On-Call Information Technology Management Services. (500)

Recommendation:

1. Approve Amendment No. 1 to Agreement No. 21-2049 with Infinity Technologies for On-Call Information Technology Management Services, to increase compensation by an additional $100,000 per fiscal year for a total amount not-to-exceed $300,000, for augmentation of Information Technology services; and
2. Authorize the City Manger to execute the amendment in a form approved by the City Attorney.

Agreement No.21-2049-1

10. Pavement Management Program Update (Non-CIP No. 30057) – Award of Professional Services Agreement. (500)

Recommendation:

1. Award a Professional Services Agreement to Infrastructure Management Services, LLC (IMS), to prepare and update the Pavement Management Program Update (Non-CIP No. 30057) for an amount not-to-exceed $67,459 and authorize the City Manager to execute an agreement in a form approved by the City Attorney; and
2. Authorize the City Manager or his designee to process change orders, as needed, in an amount not-to-exceed a $6,750 contingency (approximately 10% of the total contract amount) for unforeseen field conditions during data collection

Agreement No._____

11. Award a Professional Services Agreement to Diego's Auto Repair for Vehicle and Equipment Maintenance Repair Services. (500)

Recommendation:

1. Award a Professional Services Agreement to Diego's Auto Repair, Inc. to provide vehicle and equipment maintenance services for City-owned vehicles and equipment for a term of three (3) years with two (2), one-year options to extend, for the annual amount of $75,000, and a not-to-exceed amount of $225,000 for the three-year term of the Agreement; and
2. Authorize the City Manager to execute the Agreement, in a form approved by the City Attorney, including any amendments to exercise the two (2) one-year extension options at a not-to-exceed annual amount of $75,000.

Agreement No._____

12. Approve Amendment No. 4 to Agreement No. 18-1825 with Mariposa Landscapes Inc. for Landscape Maintenance Services. (500)

Recommendation:

1. Approve an Amendment No. 4 to Agreement No. 18-1825 with Mariposa Landscapes, Inc. pursuant to the exemptions provided in section 3.20.030 of the Pico Rivera Municipal Code, for an annual amount of $348,240 and a not-to-exceed amount of $696,500 ($29,020 per month for a term of two (2) years);
2. Authorize the City Manager or designee to process change orders in an amount not-to-exceed 10% of the total amendment, as needed, up to $69,650 for contingency purposes;
3. Find the approval of Amendment No. 4 to Agreement No. 18-1825, to be pursuant to Pico Rivera Municipal Code Section 3.20.030 (B), in order to modify agreement compensation, scope of work, and extend the term for Landscape Maintenance Services with Mariposa Landscapes, Inc.; and
4. Authorize the City Manager to execute the amendment in a form approved by the City Attorney.

Agreement No.18-1825-4

13. On-Call Engineering Services – Award of Professional Services Agreement.

Recommendation: (500)

1. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to HDR Engineering, Inc. to provide on-call engineering services;
2. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to Willdan Engineering. to provide on-call engineering services;
3. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to D'Leon Consulting Engineers to provide on-call engineering services;
4. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to IMEG to provide on-call engineering services;
5. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to JMDiaz, Inc. to provide on-call engineering services;

6. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to Cordoba Corporation to provide on-call engineering services;
7. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to Kimley Horn & Associates, Inc. to provide on-call engineering services;
8. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to Southstar Engineering and Consulting, Inc. to provide on-call engineering services;
9. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to Mark Thomas & Company, Inc. to provide on-call engineering services;
10. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to NV5, Inc. to provide on-call engineering services;
11. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to NCM Engineering Corp. to provide on-call engineering services;
12. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to AKM Consulting Engineers to provide on-call engineering services;
13. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to Onward Engineering to provide on-call engineering services;
14. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to Alta Planning & Design, Inc. to provide on-call engineering services;
15. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to BKF Engineers to provide on-call engineering services;
16. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to Yao Engineering Inc. to provide on-call engineering services; and
17. Authorize the City Manager to execute the agreements in a form approved by the City Attorney.

14. Landscape Maintenance Services – Reject All Bids. (500)
Recommendation:

1. Reject all bids for the landscape maintenance services.

15. Request for Approval of the 2024 Fireworks Stand Permits. (200)
Recommendation:

1. Approve the attached list of fireworks stand applications and authorize the issuance of permits to operate.

16. Equipment Purchase for the Public Works Department. (700)
Recommendation:

1. Authorize the purchase of a Utility Cab Tractor in the amount of $51,400 from Kubota Tractor Corporation by way of Sourcewell Contract No. 031121-KBA for tractors, spreaders, lawn equipment, and related services;
2. Authorize the purchase of two (2) John Deere Gators and three (3) SmithCo Sand Star Groomers (field-rakes) in the aggregate amount of $172,800 from Deere & Company by way of Sourcewell Contract No. 031121-DAC for grounds maintenance equipment; and
3. Authorize the City Manager to execute all documents related to the purchase of the recommended vehicles.

17. Third Quarter Treasurer's Report and the Monthly Investment Transaction Report as of March 31, 2024 – Fiscal Year 2023-2024. (700)
Recommendation:

1. Receive and file the Treasurer's Report for the quarter ending March 31, 2024, which represents balances and activities for the third quarter (January through March) of the 2023-24 fiscal year; and
2. Receive and file the Treasurer's Monthly Investment Transaction Report as of March 31, 2024.

CONSENT CALENDAR ITEMS PULLED FOR FURTHER DISCUSSION

REGULAR AGENDA:

18. Adoption of the Historic Whittier Boulevard Multimodal Revitalization Plan.
Recommendation: (100)

1. Approve the Historic Whittier Boulevard Multimodal Revitalization Plan which will serve as the formal transportation and circulation element of the Historic Whittier Boulevard Specific Plan.

CITY MANAGER/STAFF REPORTS

GOOD OF THE ORDER (INTERGOVERNMENTAL AGENCY MEETINGS, AB 1234 REPORTS, NEW BUSINESS, OLD BUSINESS**)**

CLOSED SESSION:

a. CONFERENCE WITH LABOR NEGOTIATOR
Pursuant to Government Code Section 54957.6
Agency Designated Representative: City Manager Carmona, Human Resources Director Shirinian and Assistant City Manager Garcia
Employee Organizations: Service Employees International Union Local 721 Full-Time, Part-Time and Directors Units, and Confidential Employees Association

ADJOURNMENT:

AFFIDAVIT OF POSTING

I, Cynthia Ayala, City Clerk, for the City of Pico Rivera, DO HEREBY CERTIFY, under penalty of perjury under the laws of the State of California, that the foregoing notice was posted at the Pico Rivera City Hall bulletin board, Pico Rivera website www.pico-rivera.org, Pico Rivera Post Office and Parks: Smith, Pico and Rivera which are available for the public to view on this 18th, day of April 2024.

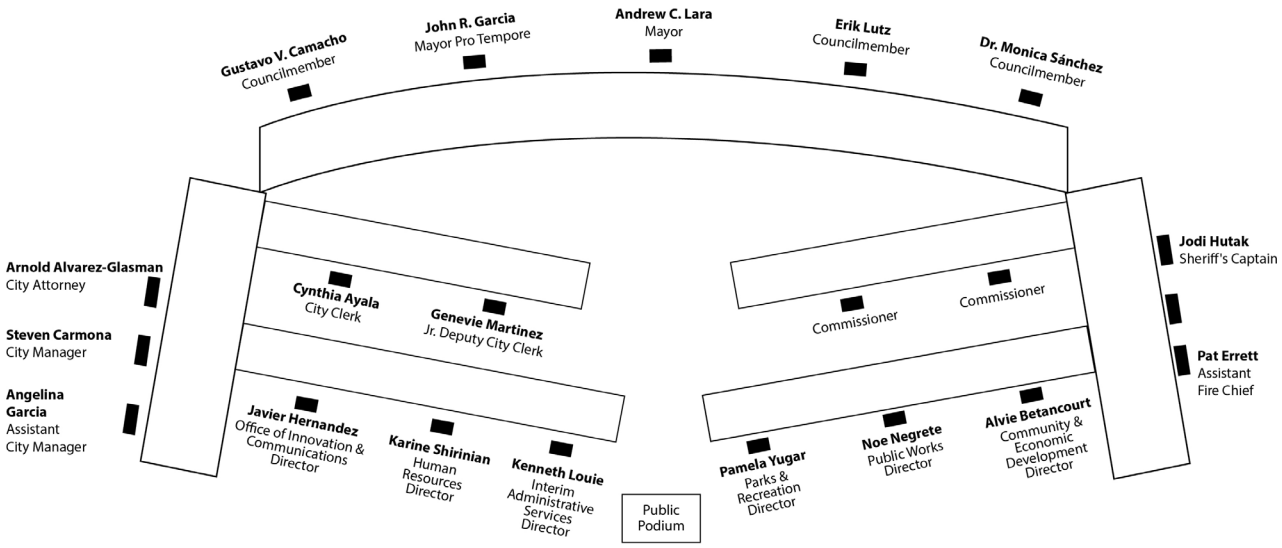
Dated this 18th, day of April 2024.

Cynthia Ayala, CMC
City Clerk

SB343 NOTICE

In compliance with and pursuant to the provisions of SB343 any public writing distributed by the City Clerk to at least a majority of the City Council Members regarding any item on this regular meeting agenda will be available on the City's website.

Council Meeting Seating Chart



STATEMENT REGARDING DECORUM AT CITY COUNCIL MEETINGS

If you wish to speak at the time set aside for public comments, the City Council has established the following standards and Rules of Decorum as allowed by State law.

- Public comment is limited to those portions of the meeting referred to as Public Comments. These portions are intended for members of the public to address the City Council, Successor Agency, Housing Assistance Agency or Water Authority on matters related to agendas or any other items under the subject matter jurisdiction of the City Council or Agencies. Please fill out the desired color-coded card prior to the start of the meeting at 6:00 p.m. Once the meeting has begun, no further cards will be accepted.

- A **yellow** Public Hearing Comment Request card must be completed to speak during a Public Hearing.

- A **green** Public Comment Request – Card is for those wishing to address the Council/Agency on agenda items or any other items under the subject jurisdiction of the City Council/Agency.

- Citizens may address the Council, Successor Agency or Housing Assistance Agency once for a **maximum of three minutes**. After each speaker returns to his/her seat, the Mayor shall determine the time and manner of response, but typically if answers are available, they will be given after all speakers have had an opportunity to address the City Council.

- Members of the audience are asked to refrain from clapping or otherwise speaking from their seats. Those not meeting the standards for decorum may be escorted from the meeting.

RULES OF DECORUM CAN BE FOUND IN THE PICO RIVERA MUNICIPAL CODE SECTION 2.08.050 AS ESTABLISHED BY ORDINANCE 783 ADOPTED ON AUGUST 20, 1990 AND AMENDED BY ORDINANCES 822 (SEPTEMBER 21, 1992) AND 1020 (MARCH 21, 2006).

CITY COUNCIL | AGENDA REPORT

To: Mayor and City Council

From: City Manager

Meeting Date: April 23, 2024

Subject: PUBLIC HEARING – VESTING TENTATIVE TRACT MAP NO. 84271 – REQUEST TO SUBDIVIDE ONE PARCEL FOR A 95-UNIT TOWNHOUSE CONDOMINIUM DEVELOPMENT LOCATED AT 6540 ROSEMEAD BOULEVARD

Recommendation:

1. Approve a resolution authorizing a Vesting Tentative Tract Map No. 84271; and

2. Find that the Project categorically exempt from the California Environmental Quality Act (CEQA) pursuant to CEQA Guidelines Section 15332 (Class 32 – Infill Development).

Fiscal Impact:

There is no impact to the General Fund.

Background:

On November 21, 2023, the Community and Economic Development Department received an application from Chris Courtney on behalf of Brandywine Homes, for real property located at 6540 Rosemead Boulevard requesting approval of Conditional Use Permit No. 758 and Vesting Tentative Tract Map No. 84271.

On March 25, 2024, the Division of Land Committee, that includes the Directors of Public Works, Parks and Recreation and Community and Economic Development, met, reviewed the subdivision application, and voted unanimously in favor of both applications and recommended approval to the Planning Commission.

On April 15, 2024, the Planning Commission held a public hearing, took public testimony, and voted unanimously in favor of recommendation to approve the Vesting Tentative Tract Map No. 84271 to the City Council.

Discussion:

The applicant requests approval of Vesting Tentative Tract Map No. 84271 to subdivide the subject property (APN 6378-017-004) for condominium purposes. It is currently one parcel and will be subdivided by way of a condominium map that shows the layout, location, boundaries, dimensions, and numbers of condominium units and common areas. Whenever a provision of Title 17 (Subdivisions) requires that a tentative map be filed, a vesting tentative map may instead be filed. The vesting tentative map shall be filed and processed in the same manner as a tentative.

The project includes the demolition and removal of the Knights Inn Hotel and associated parking lot currently on the subject property. The development will consist of a gated community of 95 townhouse units within 15, three-story structures, guest parking and common open space. The 4.04-acre project with 95 units results in a project density of 23.5 dwelling units per acre.

Vehicular access will be taken from Rosemead Boulevard frontage road via a two-way driveway of 48 feet in length. Pedestrian access will be taken from a gated entrance adjacent to the driveway.

Pico Rivera Municipal Code Chapter 18.44.040 requires two (2) spaces within a garage for each dwelling unit and one (1) open guest parking space for each eight (8) dwelling units or fraction thereof. The proposed townhouse development requires 190 spaces within a garage (2 spaces X 95 units = 190 spaces). The proposed development requires 12 guest parking spaces (95 units /8 = 12 spaces). The applicant proposes 190 spaces within a two-car garage per unit and 24 guest parking spaces: 22 regular and 2 ADA compliant parking spaces.

Surrounding Properties
The subject property is in the General Commercial (C-G) zone and is designated Mixed Use (M-U) under the Land Use Element of the General Plan. The subject property is located north of Washington Boulevard, South of Balfour Street, West of Bequette Avenue and East of Rosemead Boulevard. Land uses surrounding the proposed project are commercial and residential.

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	General Plan	Zone	Existing Uses
North	Mixed Use (M-U) Housing Element Site	General-Commercial (C-G) Mixed Use Overlay (M-U)	Offices
South	Mixed Use (M-U) Low-Density Residential	General-Commercial (C-G) Mixed Use Overlay (M-U) Single-Family Residential (S-F)	Pico Water District Well/ Residential
East	Low-Density Residential	Single-Family Residential (S-F)	Residential
West	Mixed Use (M-U) Housing Element Site	Professional and Administrative (P-A)	Residential

Regional Housing Needs Assessment

For the 2021-2029 Housing Element planning period, Southern California Association of Governments (SCAG) assigned the City with a requirement of 1,024 dwelling units. The table below demonstrates the City's Regional Housing Needs Assessment (RHNA) allocation and is divided into various income levels, based on a percentage of the Area Median Income (AMI).

Upon completion, the 430 units in the Above Moderate category will be lowered by 95 units or an equivalent 22% reduction of the required number of units.

Housing Needs for 2021-2029		
Income Category (% of County AMI)	Number of Units	Percent
Extremely Low (30% or less)	150[1]	
Very Low (31 to 50%)	299	29.1%
Low (51 to 80%)	146	14.3%
Moderate (81% to 120%)	149	14.6%
Above Moderate (Over 120%)	**430**	42.0%
Total	1,024	100.0%
Note 1. Extremely low units are included within the 299 very low units shown in this table.		

General Plan:

The proposed project is consistent with the City of Pico Rivera General Plan for the following reasons:

- The site is identified as a Housing Element site and opportunity area within the adopted Fifth Cycle Housing Element.
- Goal 3.7 of the General Plan, which states: Protect and enhance existing residential neighborhoods, assuring that they are safe, attractive, provide quality housing choices and are designed and maintained to enhance livability.

- Policy 3.7.2, states Neighborhood Revitalization. Promote revitalization of neighborhoods in need by maintaining public improvements, encouraging infill development compatible with the scale and character of existing development, and supporting public and private efforts to upgrade and maintain neighborhood appearance and the existing housing stock.

Environmental Analysis:

The proposed project is categorically exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to CEQA Guidelines Section 15332, Class 32 – Infill Development Projects. Class 32 consists of projects characterized as in-fill development meeting the conditions as enumerated below:

a) The project is consistent with the applicable general plan designation and all applicable general plan policies as well as with applicable zoning designation and regulations.

b) The proposed development occurs within city limits on a project site of no more than five acres substantially surrounded by urban uses.

c) The project site has no value as habitat for endangered, rare or threatened species.

d) Approval of the project would not result in any significant effects relating to traffic, noise, air quality, or water quality.

e) The site can be adequately served by all required utilities and public services.

Conclusion:

Staff recommends that the City Council approve the enclosed resolution authorizing Vesting Tentative Tract Map No. 84271.

Steve Carmona

SC:AB:AG:jj

Enclosures: 1) Resolution – Vesting Tentative Tract Map No. 84271
2) Vesting Tentative Tract Map
3) Notice of Exemption
4) Public Hearing Notice

RESOLUTION NO. ____

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PICO RIVERA, CALIFORNIA, APPROVING VESTING TENTATIVE TRACT MAP NO. 84271 FOR A 95-UNIT TOWNHOUSE CONDOMINIUM DEVELOPMENT LOCATED AT 6540 ROSEMEAD BOULEVARD (APN 6378-017-004)

WHEREAS, on November 21, 2023, the Community and Economic Development Department received an application from Chris Courtney on behalf of Brandywine Homes Residential, for real property located at 6540 Rosemead Boulevard requesting approval of Vesting Tentative Tract Map No. 84271 to develop a new 95-unit townhouse residential development; and

WHEREAS, on March 4, 2024, staff held an open house to discuss the proposed project at Smith Park community room from 5:00 – 7:00 p.m. The project applicant provided enlarged architectural plans and discussed the project at length with those in attendance. A flyer was mailed to owners and occupants within a 1,000' radius of the subject property notifying them of the open house; and

WHEREAS, on March 25, 2024, the Division of Land Committee, that includes the Directors of Public Works, Parks and Recreation and Community and Economic Development, met, reviewed the subdivision application, and voted unanimously in favor of the application and recommended approval to the Planning Commission; and

WHEREAS, on April 15, 2024, the Planning Commission held a public hearing, took public testimony, voted unanimously in favor of a recommendation of approval of Vesting Tentative Tract Map No. 84271 to the City Council; and

WHEREAS, studies and investigations were made and a staff report with recommendations was submitted, and the City Council, upon giving the required notice, did on the 23rd of April 2024, conduct a duly noticed public hearing as required by law to consider said Vesting Tentative Tract Map application. Notice of the hearing was originally posted and mailed to property owners and properties within a 1,000- foot radius of the project site by April 12, 2024, and published in the Cerritos Community Newspaper on April 12, 2024.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Pico Rivera as follows:

SECTION 1. The City Council finds that the foregoing recitals are true and correct and are incorporated herein by reference.

SECTION 2. This Resolution with reports, findings and recommendations herein contained shall constitute a report to the City Council.

SECTION 3. Pursuant to Pico Rivera Municipal Code Section 17.16.040, and based upon all testimony and comments from the general public, the examination and review of the investigations by staff included in the staff report contained herein, the report of the Division of Land Committee, the report and recommendation of the Planning Commission, and all other pertinent and relevant fact pertaining hereto, the City Council finds as follows:

1) That the proposed map is consistent with the applicable goals and objectives set forth in the Pico Rivera General Plan. The General Plan identifies the proposed project site as a Housing Element Opportunity Site. Specifically, the project will support Goal 3.7 of the General Plan, which states: "Protect and enhance existing residential neighborhoods, assuring that they are safe, attractive, provide quality housing choices and are designed and maintained to enhance livability." The project site is in close proximity to a mix of residential and commercial uses, thus creating the demand for this project and is conveniently located for residents in the area. Due to the proposed development's consistency with several General Plan policies, the City's desire to facilitate a diverse supply of new residential construction to accommodate the City's anticipated growth, the City finds the proposal is consistent with the policies and guidance provided within the General Plan. The proposal is consistent with the direction provided within the General Plan.

2) That the subdivision is in compliance with the development standards and regulations contained in Titles 17 and 18 (Subdivision & Zoning respectively) of the Pico Rivera Municipal Code (PRMC) relevant to the development of multi-family housing on General Commercial (C-G) zoned properties.

3) That the subject property is suitable for development of this type as the site contains approximately 4.04 acres of land area and provides access to publicly dedicated streets.

4) That the site is physically suitable for the proposed density of the development. The residential development will not exceed the maximum density allowed in the Mixed Use (M-U) General Plan land use designation, which allows for up to 30 dwelling units per acre. The proposed development is for 95 airspace condominiums, which has the density of approximately 23.5 dwelling units per acre.

5) That the subdivision will not result in conditions or circumstances contrary to the public health, safety, or welfare.

6) That pursuant to the provisions of the State of California Public Resources Code and State Guidelines for the California Environmental Quality Act (CEQA), the project qualifies for a Class 32 Categorical Exemption (In-Fill Development Projects) in accordance with the requirements of Section 15332 of the State CEQA Guidelines, a Notice of Exemption (Class 32-Infill) was prepared concerning the 95-airspace condominium.

7) That the design of the subdivision or type of improvements is not likely to cause serious public health problems. The proposed subdivision has been reviewed under the guidelines of the CEQA and City guidelines which determined that the project would result in no adverse impacts or cause serious public health problems.

8) That the design of the subdivision or type of improvements will not conflict with easements acquired by the public at large for access through or use of the property within the proposed subdivision. The subdivision includes the appropriate dedication of easements and access agreements to ensure that the subdivision and public at large have access throughout the property for emergency purposes.

9) That the proposed project will not be detrimental to adjoining properties as the project site is located at the eastern side of Rosemead Boulevard. Ingress and egress to the project site will be provided off Rosemead Boulevard Frontage Road. The proposed development is conditioned to provide adequate landscaping in compliance with State Law, consisting of trees, shrubs, and groundcover throughout the project site and a 6'-0" high block wall along the perimeters of the project site. In addition shrubs along the eastern perimeter wall, creating a visual buffer to protect adjacent existing residences located to the east and south. Development of the project site for high density residential purposes, in the form of multiple-family airspace condominiums, is considered compatible with the surrounding area. In addition, each single-family home will have a 2-car garage, 24 on-site guest parking spaces. These improvements will enhance the appearance and functionality of the site while protecting adjacent properties.

10) That the traffic generating capacity and operation of the proposed multiple-family condominiums will not place a burden or demand upon other municipal improvements, services, or utilities as each multiple-family home will have direct access through Rosemead Boulevard Frontage Road. In addition, two-car garages for each unit will be provided along with twenty-four guest parking spaces.

11) That adequate consideration for the protection of the environment has been satisfactorily demonstrated as no significant impact is anticipated with the inclusion of best management practices (BMP's) and with the inclusion of conditions of approval that require the development to comply with the most current California Building Code, submit a grading and drainage plan, and implement of dust and noise control measures.

12) That adequate consideration has been given to assure the conservation and stabilization of property values, the direction of development and land use planning of the area in which the use is proposed to be located and the peculiar suitability of such zone as the proposed development is maintained and consistent with the community's overall planning goals and programs through the conditions of approval.

SECTION 4. The proposed project is categorically exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to CEQA Guidelines Section

15332, Class 32 – InFill Development Projects. Class 32 consists of projects characterized as in-fill development meeting the conditions enumerated below:

a) The project is consistent with the applicable general plan designation and all applicable general plan policies as well as with applicable zoning designation and regulations.

b) The proposed development occurs within city limits on a project site of no more than five acres substantially surrounded by urban uses.

c) The project site has no value as habitat for endangered, rare or threatened species.

d) Approval of the project would not result in any significant effects relating to traffic, noise, air quality, or water quality.

e) The site can be adequately served by all required utilities and public services.

f) None of the exceptions to the application of categorical exemptions under CEQA Guidelines Section 15300.2 apply.

The project meets all the foregoing criteria. A Notice of Exemption shall be filed with the County Clerk of the County of Los Angeles and Office of Planning and Research pursuant to the California Environmental Quality Act.

SECTION 5. Vesting Tentative Tract Map No. 84271 complies with Chapter 17.18 Vesting Tentative Tract Map of the Pico Rivera Municipal Code.

SECTION 6. The City Council of the City of Pico Rivera has reviewed Vesting Tentative Tract Map No. 84271 and related environmental aspects of this subdivision as required by law subject to the Conditions of Approval contained in Exhibit "A"; and

SECTION 7. In the event that any portion of this Resolution is deemed invalid or is unenforceable, such provision shall be severable from the remainder and that the remainder of the Resolution shall be given full force and effect.

SECTION 8. The City Clerk shall certify to the adoption of this Resolution and hereafter the same shall be in full force and effect.

[Signatures on the following page]

APPROVED AND PASSED this 23rd day of April, 2024,

_____
Andrew C. Lara, Mayor

ATTEST:

_____
Cynthia Ayala, CMC, City Clerk

APPROVED AS TO FORM:

_____
Arnold M. Alvarez-Glasman, City Attorney

AYES:
NOES:

EXHIBIT "A"
CONDITIONS OF APPROVAL
TENTATIVE PARCEL MAP N0. 84271

1. The applicant shall comply with the City of Pico Rivera **Building Division** requirements identified as **Attachment "A",** dated December 21, 2023.

2. The applicant shall comply with the City of **Pico Rivera Public Works Department** requirements identified as **Attachment "B",** dated January 25, 2024.

3. The applicant shall comply with the **County of Los Angeles Fire Department** requirements identified as **Attachment "C",** dated March 13, 2024.

4. The applicant shall comply with the **County Sanitation District of Los Angeles County** requirements identified as **Attachment "D",** dated December 21, 2023.

5. The applicant shall comply with the **Pico Water District** requirements identified as **Attachment "E,"** dated January 8, 2024.

6. The property shall be subdivided in accordance with the Vesting Tentative Tract Map No. 84271 date stamped April 11, 2024, labeled **Attachment "F",**

7. The applicant shall comply with the requirements of Southern California Edison.

8. The applicant shall provide a mylar copy of the recorded Tract Map to the Pico Rivera Public Works Department and the Planning Division prior to issuance of a building permit for the development.

9. The applicant shall provide sidewalks throughout the subdivision development, unless waived by the Pico Rivera City Council.

10. All deficient and damaged curb and gutter damaged during the project construction shall be reconstructed to the satisfaction of the City Engineer. along the entire frontage of public streets to match existing.

11. The applicant shall identify that all streets within the subdivision are public right-of-ways.

12. The applicant to provide easements as necessary for utility placement on private property.

13. Applicant to submit full set of plans to the Pico Rivera Building Division for plan check review and obtain all required permits.

14. All structures, signage, pavement, etc. shall be demolished prior to any construction of a new development.

15. Final Tract Map shall reflect all subsequent applicable changes that may result from approval of Tentative Tract Map and Conditional Use Permit.

16. The applicant shall in-lieu of dedicating park land pay park fees equal to the value of the land prescribed for dedication. The amount of the fee shall be based upon the average fair market value for the City per Section 17.36.150 of the Pico Rivera Municipal Code. The applicant shall pay the park fees prior to issuance of the building permit.

17. Final Tract Map to be prepared in accordance with subdivision requirements of the Pico Rivera Municipal Code, the State Subdivision Map Act and applicable conditions contained herein.

18. Proof of recordation of the Final Map shall be submitted to the Community and Economic Development Department.

19. Applicant shall pay all fees associated with the Final Map plan check review.

20. Approval of Tentative Tract Map No. 84271 is subject to the concurrent approval of Conditional Use Permit No. 758.

21. The applicant shall commence construction within 24 months of the effective date of this grant, or this approval shall become null and void. The effective date is to be considered the date of recordation of Final Tract Map No. 84271.

22. Applicant shall comply with all conditions stipulated under Conditional Use Permit No. 758

23. Failure to comply with all conditions of approval set forth herein may result in revocation of the Conditional Use Permit in accordance with Section 18.56.110 and Section 18.60.070 of the Zoning Ordinance.

City of Pico Rivera
COMMUNITY & ECONOMIC DEVELOPMENT DEPARTMENT
6615 Passons Boulevard · Pico Rivera, California 90660
(562) 801-4398
Web: www.pico-rivera.org e-mail: abetancourt@pico-rivera.org

Alvie Betancourt
Director

City Council
Andrew C. Lara
Mayor
John R. Garcia
Mayor Pro Tem
Gustavo V. Camacho
Councilmember
Erik Lutz
Councilmember
Dr. Monica Sanchez
Councilmember

DATE: DECEMEBER 18, 2023

FROM: CITY OF PICO RIVERA - PLANNING DIVISION

SUBJECT: REQUEST FOR COMMENTS AND CONDITIONS

APPLICATION: CONDTIONAL USE PERMIT NO. 758 AND VESTING TENTATIVE TRACT MAP NO. 84271

The City of Pico Rivera's Community and Economic Development Department has received a Conditional Use Permit and Vesting Tentative Tract Map No. 84271. A request for 95-unit, 3-story attached townhome development with a recreation building located at 6540 Rosemead Boulevard located in the Commercial General (C-G) zoned district.

PLANNER: Aneli Gonzalez
(562) 801-4307 | aneli.gonzalez@pico-rivera.org

APPLICANT: Chris Courtney
Brandywine Homes
16580 Aston
Irvine, CA 92606

CONTACT INFO: Telephone (951) 314-8457 or email chris@brandywine-homes.com

PLANS: Conditional Use Permit and Vesting Tentative Tract Map

INSTRUCTIONS: Please review the attached application and provide comments or conditions by December 28, 2023

☐ I have reviewed the plans and I have no comments.

☒ I have reviewed the plans and attached the comments.

☐ This project does not need to be reviewed by our department.

Signature

12-21-23
Date

ROUTE TO:

☐ Pico Rivera – Los Angeles County Fire Department/Land Development

☐ Pico Rivera – Building & Safety Division.

☐ Pico Rivera – Public Safety Division.

☐ Pico Rivera – Sherriff's Department

☐ Pico Rivera – Engineering

☐ Southern California Edison

☐ Pico Rivera – Water Division

☐ Los Angeles County Fire Department (Land Development)

cc: Project Folder

* * * BUILDING & SAFETY COMMENTS* * *

Planning Conditional Use Permit No. 758 and Tentative Tract Map No. 84271
Case Planner: Aneli Gonzalez
Applicant: Chris Courtney
Location: 6540 Rosemead Blvd, Pico Rivera
Project: Construction 95 Unit, 3 Story Complex with Recreation Building
Reviewed By: Jonathan Flores Date: 12/21/2023

SPECIFIC COMMENTS

1. Provide a complete set of plans, indicate on the cover sheet separate submittals.
2. Show compliance with energy code in multifamily buildings.
3. Fire sprinkler protection will be required under separate submittal.
4. Private garages and or carports shall comply with California Building Code 406.3

   Private Garages and Carports.
5. Show compliance with California Building Code Chapter 7 Fire and Smoke

   Protections Features.
6. Grading plans shall be submitted to the City of Pico Rivera Public Works Department under separate submittal. The grading plans shall indicate all site improvements and complete drainage paths of all drainage water run-offs.
7. All drainage water shall drain via approved methods, to an approved location – public street, public drainage system, etc.
8. No watercourse or natural drainage shall be obstructed.
9. The grading plans shall, as a minimum, contain sections at all lot lines and/or permit boundary lines. These sections shall clearly indicate:

   a. The relationship between the proposed finished on-site grade elevations and the existing adjacent property grade elevations (Indicate any additional drainage water that may come from an adjacent property.); and

   b. The ground cover/finished surface material being proposed (e.g., type of pavement, plant material, etc.); and

   c. All proposed drainage structures; and

   d. Any proposed and/or required walls or fencing.

10. All drainage easements and all documents related to it shall be recorded, with the appropriate Los Angeles County agency or department, and a copy of the recorded document shall be made part of the plans.

11. Clearly specify surface drainage for all grading work at rear of lot. Indicate where drainage swale terminates and how surface water is diverted to an approved location.

12. The City of Pico Rivera is shown to be subject to liquefaction under earthquake loading. This project will be required to conduct geotechnical investigations to address the potential for liquefaction and differential settlement due to earthquake ground motions. California Building Code (CBC) Sections 1803.5.11 and 1803.5.12 require reporting and submittal of such investigations, including recommended liquefaction mitigation measures, to the Building Official. The geotechnical engineer preparing the investigation will also need to sign and stamp the foundation plans for the structures.

GENERAL CONDITIONS

1. Shall comply with the latest adopted edition of the following codes as applicable:
    a. California Building Code
    b. California Residential Code
    c. California Electrical Code
    d. California Mechanical Code
    e. California Plumbing Code
    f. California Energy Code
    g. California Fire Code
    h. California Green Building Standards Code
    i. Pico Rivera Municipal Code

2. Any temporary building, trailer, commercial coach, etc. installed and/or used in connection with a construction project shall comply with City Code.

3. All lot lines, easement lines, etc. shall be located in such a manner as to not cause any structure to become non-conforming with the requirements of the latest adopted edition of the Building Code, or any other applicable law, ordinance, or code.

PRIOR TO ISSUANCE OF BUILDING/CONSTRUCTION PERMITS

1. Plans shall be approved by City of Pico Rivera Building, Planning, and Public Works Departments as well as the Los Angeles County Fire Department prior to the issuance of building permits for this project.

Los Angeles County Fire Department
5823 Rickenbacker Rd.
Commerce, CA 90040
(323) 890-4125

Los Angeles County (lacounty.gov)

El Rancho Unified School District(Fiscal Services) School Fees
8910 Slauson Ave Pico Rivera
562- 801-7420

Los Angeles County Sanitation District
1955 Workman Mill Rd Whittier 90607
562-699-7411 or 562-437-6520

2. The following items shall be completed and/or submitted to Building & Safety – as applicable – prior to the issuance of building permits for this project:
    a. Precise grading plans shall be approved
    b. Rough grading completed
    c. Compaction certification
    d. Pad elevation certification
    e. Rough grade inspection signed off by a City Inspector

DEPARTMENT OF PUBLIC WORKS

INTEROFFICE MEMORANDUM

DATE: April 16, 2024

TO: Planning Division, Community and Economic Development

FROM: Engineering Division, Public Works

SUBJECT: ***(PRELIMINARY)* CONDITIONS OF APPROVAL FOR PROPOSED DEVELOPMENT AT 6540 ROSEMEAD BOULEVARD – CONDITIONAL USE PERMIT NO. 758 AND VESTING TENTATIVE TRACT MAP NO. 84271**

The Public Works Department has reviewed the proposed development and provides the following *(preliminary)* conditions of approval pertaining to the subject project:

STREET IMPROVEMENTS

1. Street Improvement Plans shall be prepared by a Registered Civil Engineer showing all existing and proposed public improvements to the satisfaction of the Public Works Department.

2. All deficient existing public improvements within the frontage of the project shall be upgraded to current City Standards and to the satisfaction of the City Engineer.

3. Existing curb, gutter and sidewalk damaged by the project construction shall be reconstructed as required by the City Engineer.

4. Asphalt paving that is damaged by the project construction shall be reconstructed as required by the City Engineer.

5. Close existing driveways on Rosemead Boulevard service road, which will no longer be utilized as part of the new development, with curb and gutter and full-width sidewalk to match existing.

6. Construct new driveways at least 3 feet away from any above-ground obstructions in the public right-of-way to the top of the driveway “X.” Otherwise, the obstruction shall be relocated at the developer’s expense. Ensure that each driveway provides proper pedestrian access across the driveway in compliance with the Americans with Disabilities Act (ADA). The final layout and site driveway design shall be subject to the review and approval of the City Engineer.

7. No parking will be allowed on Rosemead Boulevard service road. The entire length

of the curb on Rosemead Boulevard service road shall be painted red.

8. Where utility cuts on concrete pavement are proposed, the entire concrete panel shall be removed and reconstructed.

9. Cape seal the full-width of Rosemead Boulevard service road along the frontage of the project per the recommendation of the latest street pavement study. Restore pavement markings as necessary. Repair any visible utility-cut pavement failures.

10. All on-site parking and circulation areas shall be paved as required by a geotechnical report prepared by a Registered Civil Engineer, subject to the review and approval of the Public Works and Community Development Departments.

11. Centerline ties and benchmark monuments shall be preserved. In the event that ties and benchmark monuments are disturbed, a licensed Land Surveyor shall be secured for their re-establishment. All documentation shall be submitted to the City for record keeping.

12. Preserve survey monuments (property corners, centerline ties, etc) in the public right-of-way. All disturbed and removed survey monuments in the public right-of-way shall be re-established and a record of survey shall be filed with the County Surveyor in accordance with applicable provisions of the state law.

13. All public works improvements shall be constructed in accordance with the latest edition of the APWA Standard Specifications for Public Works Construction ("Green Book") and Pico Rivera City Standards, and to the satisfaction of the Director of Public Works/City Engineer prior to the issuance of a Certificate of Occupancy.

RIGHT-OF-WAY DEDICATION AND EASEMENTS

14. This project requires the dedication of the necessary street right-of-way for Rosemead Boulevard service road and public sidewalk purposes across the project frontage.

15. Easement(s) shall be dedicated to the City of Pico Rivera for all parts of public sewer and water systems not located within the public right-of-way.

TRAFFIC SAFETY

16. A transportation impact study shall be prepared by a Registered Traffic Engineer and submitted to the Engineering Division for review and approval. The study shall be prepared using the City of Pico Rivera Vehicle Miles Traveled Transportation Study Guidelines and focus on access locations, inbound/outbound turning movements, internal circulation, and parking operations, to determine the need for additional striping, pavement markings, and signage that will improve motor vehicle and pedestrian safety.

17. The developer shall be responsible for installing or repairing all centerline striping, traffic legends, raised reflective pavement markers and other traffic delineation required by the City Engineer, including signal loops damaged or required to be installed as part of the project.

18. A Signage and Striping Plan shall be prepared by a Registered Traffic Engineer and submitted to the Public Works Department for review and approval.

19. Clear unobstructed sight distances shall be provided at all site driveways.

20. The developer shall install street name signs, stop signs, and all other miscellaneous signage related to project development as required by the City Engineer.

GRADING AND DRAINAGE

21. Grading and drainage plans shall be prepared by a Registered Civil Engineer to the satisfaction of the Public Works Department and Building Division. Show all existing and proposed driveways, curb & gutter, sidewalks, handicap ramps, street trees, tree wells, street lights, street signs, power poles, fire hydrants, bus stop furnishings, utility boxes, meters, traffic signal poles and cabinets, parkway drains, etc. on the plans.

22. A Low Impact Development (LID) Plan Determination Form must be completed and if determined, the project must incorporate one or more LID system(s) in the project design. Submittal of an LID plan is required, and the system(s) proposed must be shown on the grading and drainage plans. The Los Angeles County Low Impact Development Manual may be used as reference on potential LID systems.

23. Where redevelopment results in alteration to more than fifty percent of impervious surfaces of a previously existing development, and the existing development was not subject to post-construction stormwater quality control requirements, the entire project must be mitigated.

24. A catch basin shall be installed at the rear of the property to capture all surface water not captured by implemented LID system(s). The catch basin shall be connected to the existing storm drain system on Homebrook Street. The existing outlets draining to Homebrook Street shall be closed off.

25. Comply with all Federal, State, and local agency requirements pertaining to the Clean Water Act, which establishes regulations, set forth in the Countywide National Pollutant Discharge Elimination System (NPDES) Permit.

26. Comply with the City's Storm Water Management Ordinance and SUSMP requirements. Implement all NPDES requirements and Best Management Practices during and after construction. Provide and obtain approval of a site-specific Erosion Control Plan and/or Storm Water Pollution Prevention Plan (SWPPP) from the City's

plan-check consultants.

27. All catch basins and on-site storm drain inlet facilities shall be stenciled with the appropriate “No Dumping” message.

28. Dust control operations shall be performed by the developer at the time, location, and in the amount required and as often as necessary to prevent the excavation or fill work, demolition operation, or other activities from producing dust in amounts harmful to people or causing a nuisance to persons living nearby or occupying buildings in the vicinity of the work. The developer is responsible for compliance with Fugitive Dust Regulations issued by the Air Quality Management District (AQMD).

29. Control of dust shall be by sprinkling of water, use of approved dust preventatives, modifications of operations, or any other means acceptable to the City Engineer, City of Pico Rivera, the Regional Water Quality Control Board (RWQCB), the AQMD, and any Health or Environmental Control Agency having jurisdiction over the area. The City Engineer shall have the authority to suspend all construction operations if, in his opinion, the developer fails to adequately provide for dust control.

UTILITIES

30. Developer is responsible for research on private utility lines (Gas, Edison, Telephone, Cable, Irrigation, etc.) to ensure there are no conflicts with the site.

31. All utility companies (for non-City owned utilities) shall be contacted to establish appropriate easements to provide services to each unit.

32. All existing on-site utility lines and existing utility lines serving the proposed development, that conflict with this project, shall be relocated, removed, or sealed at the developer’s expense to the satisfaction of the City Engineer.

33. Remove any encroachments or interfering facilities from the public right-of-way as directed by the City Engineer.

34. The subject property shall be served by underground utilities (SCE, Telephone, and Cable TV).

35. All overhead utility services within the perimeter of the project shall be placed underground.

36. Relocation of any public water or sewer lines shall be subject to approval by the City Engineer.

37. All proposed on-site sewer, water, and drainage facilities shall be private system(s) maintained by the property owner unless otherwise approved by the City as public system(s).

SEWER

38. Sewer Improvement Plans shall be prepared by a Registered Civil Engineer showing all existing and proposed sewer improvements to the satisfaction of the Public Works Department.

39. The developer shall consult the City Engineer to determine the sewer location and design requirements.

40. Should any modification of public sewer mains be required, developer shall prepare sewer plans per Los Angeles County Public Works Consolidated Sewer Maintenance Division template.

41. Install adequate sewer lateral(s) as necessary to serve the proposed development and abandon any existing sewer laterals that will not be used, to the satisfaction of the Building Division.

42. Conduct a sewer capacity study and provide a copy to the Engineering Division subject to City Engineer's approval. In the event that proposed sewer discharge from the development exceeds the existing sewer system capacity, developer shall upgrade existing sewer system. The limits of the upgrade shall be to the downstream point of connection to where sufficient capacity exists.

43. Developer shall secure sewer system connection permit from the Los Angeles County Sanitation District at 1955 Workman Mill Road, Whittier, CA, Telephone No. (562) 698-7411 or (562) 685-5217.

44. Easements may be required and shall be subject to review by the City Engineer to determine the final locations and requirements.

WATER

45. Water Improvement Plans shall be prepared by a Registered Civil Engineer showing all existing and proposed public works improvements to the satisfaction of the Public Works Department.

46. The water supply system serving the development shall be adequately sized to accommodate the total required domestic and fire flows, as required by the Pico Rivera Water Authority (PRWA) and Los Angeles County Fire Department. Coordinate with the PRWA to remove all existing water meters that will not be used by the development.

47. Conduct a water system capacity study and provide a copy of the report to the Engineering Division for review and approval. The water supply system serving the proposed development shall be adequately sized to accommodate the total required domestic and fire flows, as required by the PRWA. Coordinate with the PRWA

regarding removal of all existing water meters that will not be used by the development. The water mains shall be of sufficient size to accommodate the total domestic and fire flows required for the subdivision. The domestic flows required are to be determined by the PRWA and City Engineer. Fire flows required are to be determined by the Los Angeles County Fire Department. Developer shall obtain Los Angeles County Fire Department's approval of fire flow adequacy prior to issuance of building permits.

48. Developer shall be responsible to meet all water requirements and guidelines of the PRWA, the Los Angeles County Health Department, and Los Angeles County Fire Department.

49. The provision of fire protection water systems, hydrants, and appropriate easements shall be in conformance with the Los Angeles County Fire Department.

50. All water facilities shall be installed outside any driveways and drive approaches and shall be in accordance with PRWA standards.

51. Prior to the filing of the final map, there shall also be filed with the City Engineer, a statement from the water purveyor indicating subdivider compliance with the fire flow requirements of the Los Angeles County Fire Department.

TRACT MAP

52. Details shown on the tentative tract map are not necessarily approved. Any details that are not consistent with the City's ordinances, general conditions of approval, or City Engineer's policies must be specifically approved during the final map or improvement plan review.

53. A final tract map prepared by, or under the direction of a Registered Civil Engineer authorized to practice land surveying, or a Licensed Land Surveyor, must be processed through the City Engineer's office prior to being filed with the County Recorder.

54. A preliminary subdivision guarantee is required showing all fee interest holders and encumbrances. An updated title report shall be provided before the final tract map is released for filing with the County Recorder.

55. Monumentation of the tract map boundaries, street centerline and lot boundaries is required for a map based on a field survey.

56. Comply with all requirements of the Subdivision Map Act.

GENERAL

57. Developer shall deposit $25,000 with the City to cover the City's costs incurred in reviewing the project plans, including the costs of traffic, civil, planning and

environmental consultants.

58. Pay permit and inspection fees associated with this project in accordance with the latest fee schedule at the time of permit issuance and inspection.

59. Comply with the City's Community Development Ordinance pertaining to construction debris recycling. Contact the Building Division to obtain a Construction & Demolition Debris Waste Reduction Recycling Plan form(s).

60. Developer shall coordinate with NASA Services at (888) 888-0388 to provide proper construction waste disposal container(s), including facilities for recycling.

61. Developer must comply with all applicable South Coast Air Quality Management District (AQMD) regulations.

62. Final conditions and comments cannot be determined until all plans are submitted that are sufficiently complete.

COUNTY OF LOS ANGELES FIRE DEPARTMENT
FIRE PREVENTION DIVISION

Land Development Unit
5823 Rickenbacker Road
Commerce, CA 90040
Telephone (323) 890-4293, Fax (323) 890-9783

EPIC-LA NUMBER:	FLDU2023006269	PROJECT NUMBER:	TR84271
CITY/COMMUNITY:		STATUS:	Cleared
PROJECT ADDRESS:	6540 Rosemead Boulevard Pico Rivera, CA 90660	DATE:	03/13/2024

CONDITIONS

1. Tentative Tract Map 84271 has satisfied the County of Los Angeles Fire Department Fire Prevention Division Land Development Unit review.
2. Install 1 new public fire hydrant.
   PUBLIC FIRE HYDRANT FIRE FLOW REQUIREMENTS: REQUIRED FIRE FLOW 2,000 GPM @ 20 PSI FOR 2 HOURS
   See Tentative Map Grading Plan Mark Up or Site Plan Mark Up for plotted fire hydrant location.
   All hydrants shall measure 6”x 4"x 2-1/2" brass or bronze, conforming to current AWWA standard C503 or approved equal.
   Vehicular access must be provided and maintained serviceable throughout construction to all required fire hydrants. All required fire hydrants shall be installed, tested, and accepted prior to construction.

   Water Systems improvement plans for the required public fire hydrant shall be submitted through epicla.lacounty.gov from the local water purveyor and reference FLDU2023006269.

   Verification of financial obligation for the installation of the required public fire hydrant shall be submitted to the County of Los Angeles Fire Department through epicla.lacounty.gov prior to Final Map clearance for recordation.
3. Install 3 private on site fire hydrants.
   REQUIRED FIRE FLOW FOT THE REQURIED PRIVATE ON-SITE FIRE HYDRANTS; REQUIRED FIRE FLOW 2,500 GPM @ 20 PSI FOR 2 HOURS.
   Underground piping plans for the required private on-site fire hydrants shall be submitted to the County of Los Angeles Fire Department Fire Prevention Division Engineering Section Sprinkler Plan Check Unit for review and approval prior to installation. You may reach them at (323)890-4125 for specific submittal requirements.
4. A digital copy of the Final Map shall be submitted to the Fire Department's Land Development Unit for review and approval prior to recordation. Submittal shall be provided through EPIC-LA using the following Plan Type: Fire Land Development–City Request–Final Map (Tract/Parcel).

For any questions regarding the report, please contact Nancy Rodeheffer at (323) 890-4243 or Nancy.Rodeheffer@fire.lacounty.gov.

Reviewed by:

LOS ANGELES COUNTY SANITATION DISTRICTS
Converting Waste Into Resources

Robert C. Ferrante
Chief Engineer and General Manager

1955 Workman Mill Road, Whittier, CA 90601-1400
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998
(562) 699-7411 • www.lacsd.org

December 21, 2023

Ref. DOC 7107720

VIA EMAIL aneli.gonzalez@pico-rivera.org

Ms. Aneli Gonzalez
Assistant Planner
City of Pico Rivera
Community and Economic Development Department
6615 Passons Boulevard
Pico Rivera, CA 90660

Dear Ms. Gonzalez:

Comment Letter for Conditional Use Permit No. 758 and Vesting Tentative Tract Map No. 84271

The Los Angeles County Sanitation Districts (Districts) received the email and plans for the subject project, located in the City of Pico Rivera, forwarded by your office on December 18, 2023. The proposed project is located within the jurisdictional boundary of District No. 2. We offer the following comments regarding sewerage service:

1. The wastewater flow originating from the proposed project will discharge to a local sewer line, which is not maintained by the Districts, for conveyance to the Districts' Downey-Bellflower Trunk Sewer, located in Passons Boulevard at Washington Boulevard. The Districts' 18-inch diameter trunk sewer has a capacity of 2.1 million gallons per day (mgd) and conveyed a peak flow of 1.6 mgd when last measured in 2016.

2. The wastewater generated by the proposed project will be treated at the A.K. Warren Water Resource Facility located in the City of Carson, which has a capacity of 400 mgd and currently processes an average flow of 237 mgd, or the Los Coyotes Water Reclamation Plant located in the City of Cerritos, which has a capacity of 37.5 mgd and currently processes an average flow of 19.9 mgd.

3. The expected increase in average wastewater flow from the project, described in the plan as 95 attached townhomes and a 1,260 square-foot recreation building, is 6,183 gallons per day, after all structures on the project site are demolished. For a copy of the Districts' average wastewater generation factors, go to www.lacsd.org, under Services, then Wastewater Program and Permits and select Will Serve Program, and click on the Table 1, Loadings for Each Class of Land Use link.

4. The Districts are empowered by the California Health and Safety Code to charge a fee to connect facilities (directly or indirectly) to the Districts' Sewerage System or to increase the strength or quantity of wastewater discharged from connected facilities. This connection fee is used by the Districts for its capital facilities. Payment of a connection fee may be required before this project is permitted to discharge to the Districts' Sewerage System. For more information and a copy of the Connection Fee Information Sheet, go to www.lacsd.org, under Services, then Wastewater (Sewage) and select Rates & Fees. In determining the impact to the Sewerage System and applicable connection fees, the Districts will determine the user category (e.g. Condominium, Single Family Home, etc.) that best represents the actual or anticipated use of the parcel(s) or facilities on the parcel(s) in the development. For more specific information regarding the

connection fee application procedure and fees, please contact the Districts' Wastewater Fee Public Counter at (562) 908-4288, extension 2727.

5. In order for the Districts to conform to the requirements of the Federal Clean Air Act (CAA), the capacities of the Districts' wastewater treatment facilities are based on the regional growth forecast adopted by the Southern California Association of Governments (SCAG). Specific policies included in the development of the SCAG regional growth forecast are incorporated into clean air plans, which are prepared by the South Coast and Antelope Valley Air Quality Management Districts in order to improve air quality in the South Coast and Mojave Desert Air Basins as mandated by the CAA. All expansions of Districts' facilities must be sized and service phased in a manner that will be consistent with the SCAG regional growth forecast for the counties of Los Angeles, Orange, San Bernardino, Riverside, Ventura, and Imperial. The available capacity of the Districts' treatment facilities will, therefore, be limited to levels associated with the approved growth identified by SCAG. As such, this letter does not constitute a guarantee of wastewater service, but is to advise the applicant that the Districts intend to provide this service up to the levels that are legally permitted and to inform the applicant of the currently existing capacity and any proposed expansion of the Districts' facilities.

If you have any questions, please contact the undersigned at (562) 908-4288, extension 2708 or at shirlywang@lacsd.org.

Very truly yours,

Shirly Wang

Shirly Wang
Customer Service Specialist
Facilities Planning Department

SW:sw

cc: A. Schmidt
A. Howard

OFFICERS
RAYMOND RODRIGUEZ, PRESIDENT
VICTOR CABALLERO, VICE PRESIDENT
JOE D. BASULTO, GEN. MGR./SECRETARY
TOMAS A. RIVERA, TREASURER

Pico Water District
P.O. BOX 758 4843 CHURCH ST.
PICO RIVERA, CALIFORNIA 90660
TEL: (562) 692-3756 FAX: (562) 695-5627
www.picowaterdistrict.net

DIRECTORS
DAVID ANGELO
VICTOR CABALLERO
DAVID R. GONZALES
E. A. "PETE" RAMIREZ
RAYMOND RODRIGUEZ

01/08/2024

TO: Conditional Use Permit No.758 and Vesting Tentative Tract Map No. 84271

RE: Request for 95-unit, 3-story attached townhome development with a recreation building located at 6540 Rosemead Boulevard

Subject: Pico Water Districts Water Service Availability Comments / Conditions

The referenced development ("Development") located in Pico Rivera, California, lies within the service area of Pico Water District (District). The District is prepared to provide water service to the Development subject to the following conditions and reservations:

1. The Developer shall submit to the District all plans, designs and fire department requirements for the Development in order that the District may conduct a hydraulic assessment of proposed Development by the Districts engineering consulting firm, assessment would be at Developers expense; hydraulic assessment would determine the necessary distribution system and other facilities required for the Development in accordance with the District Rules and Regulations.

2. The Developer shall grant the District any and all easements required for water service, together with a policy of title insurance guaranteeing the District title to such easements.

3. Pursuant to the requirements of the District's Rules and Regulations, the Developer shall pay all required fees and charges, including any required deposit amounts in order to process plans and designs and to complete construction of required on-site and off-site improvements required for water service to the Development.

4. The Developer shall comply with the District's Current Construction / Development Procedures, Rules and Regulations in force and effect at the time water service is requested, and

as those Rules and Regulations may be amended from time to time including, but not limited to, the payment of any and all District charges, fees, and expenses necessary to provide service to the subject Development.

5. The Developer acknowledges that water service to the Development shall be subject to availability of water, and to the further conditions set forth in Paragraph 7, below. In relying upon this representation to provide water service, the Developer is aware that the District's sole source of water at this time is groundwater produced from the Central Basin aquifer and that the quantity of water the District may pump from that aquifer is subject to and limited by the Central Basin Judgment, which allocates the pumping rights in that basin among the basin's various water producers. While there is currently no prohibition against establishing additional connections within the District, the District has the authority to reduce and restrict service connections.

6. Developer acknowledges and agrees that this letter is exclusive to the Development identified above (and the number of units or lots, if indicated above) and may not be transferred or assigned to any other person, firm or entity, or for any other purpose without the District's written consent.

7. The provision of water service to the Development is contingent upon the Developer meeting all requirements of any other governmental entity having jurisdiction over the Development.

8. This letter and any representations or assurances made herein shall expire and be null and void twelve (12) months from the date hereof if water service has not been installed. The Developer and the Development shall not be entitled to any individual water service connections not installed prior to expiration of this letter.

9. At any time prior to connection and upon a finding by the Board of Directors of District that it is unable to serve the Development for reasons beyond District's control, the District may revoke this letter.

10. By issuing this letter, the District does not guarantee any specific quantities or quality of water, pressures or flows with respect to water service provided by the District.

11. The Developer, for itself and on behalf of its successors, agrees to defend at Developer's expense, any action brought against the District, its agents, officers or employees, because of the issuance of this letter or any approvals or authorizations obtained in connection with the Development, or in the alternative, to relinquish any such approvals or authorizations. The Developer shall reimburse the District for any costs, fees or expenses the District may incur as a result of any such legal action. Further, Developer agrees that in conducting the defense of such action, the District shall be entitled to engage its own attorneys, the entire expense of which shall be paid by the Developer.

Any questions please contact Matt Tryon (mtryon@picowaterdistrict.net) or Joe D. Basulto.

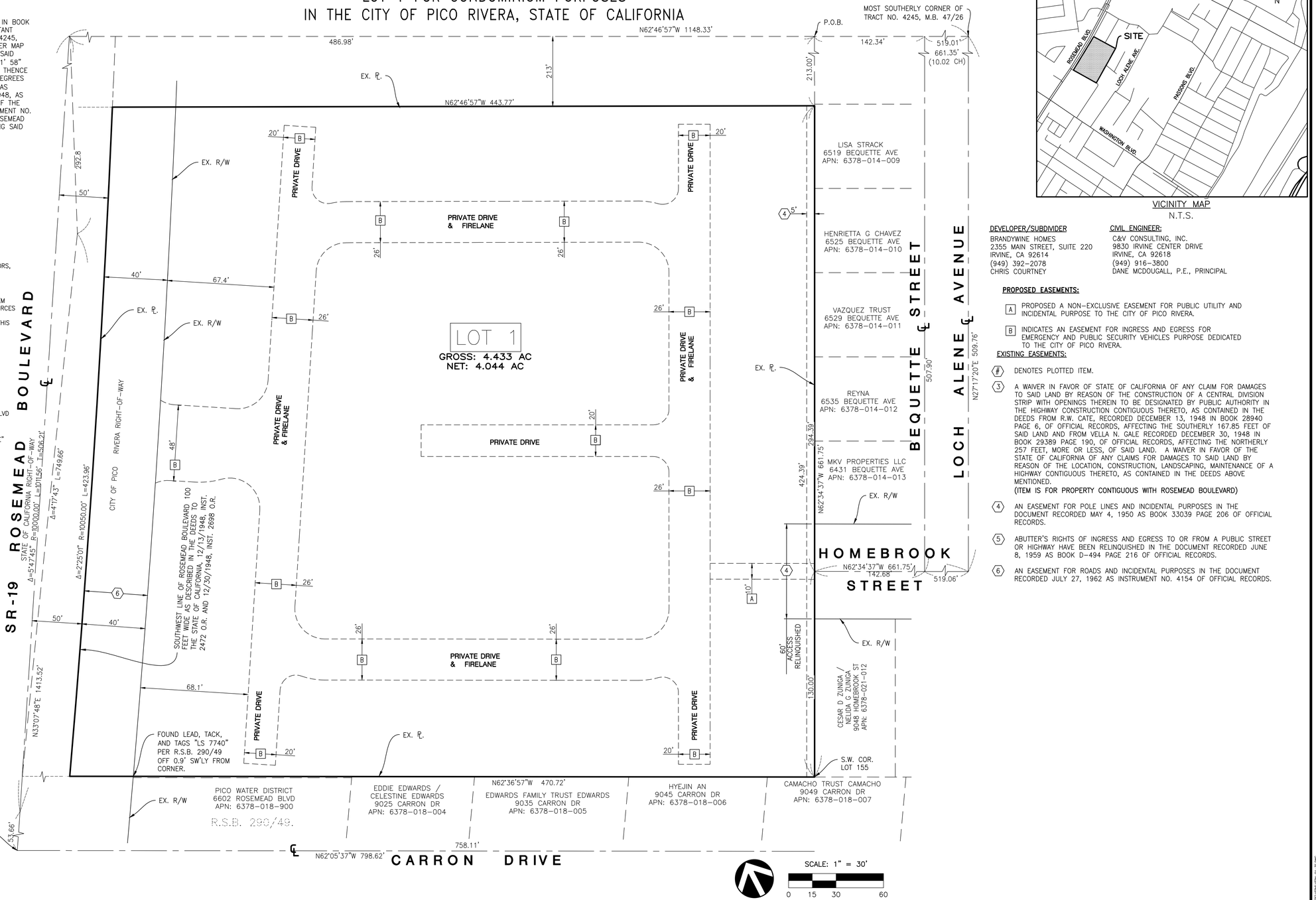
Thank you,

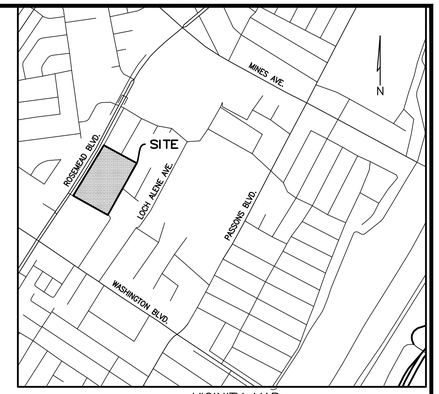
Joe D. Basulto
General Manager
Pico Water District
P.O. Box 758
Pico Rivera, Ca, 90660
Office: (562) 692-3756
Email: jbasulto@picowaterdistrict.net

Attachment F

VESTING TENTATIVE TRACT MAP NO. 84271

LOT 1 FOR CONDOMINIUM PURPOSES
IN THE CITY OF PICO RIVERA, STATE OF CALIFORNIA





VICINITY MAP
N.T.S.

LEGAL DESCRIPTICON:
REAL PROPERTY IN THE CITY OF PICO RIVERA, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:

THAT PORTION OF THE RANCHO PASO DE BARTOLO, IN THE CITY OF PICO RIVERA, DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE SOUTHERLY LINE OF TRACT 4245 AS PER MAP RECORDED IN BOOK 47 PAGE 26 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, DISTANT WESTERLY THEREON 10.03 CHAINS FROM THE MOST SOUTHERLY CORNER OF SAID TRACT 4245, SAID POINT OF BEGINNING ALSO BEING THE POINT OF BOUNDARY OF TRACT 14489, AS PER MAP RECORDED IN BOOK 365 PAGES 43 TO 46 INCLUSIVE OF SAID MAPS, IN THE OFFICE OF SAID RECORDER; THENCE ALONG THE BOUNDARY OF SAID TRACT 14489, SOUTH 27 DEGREES 31' 58" WEST 637.39 FEET TO THE SOUTHWESTERLY CORNER OF LOT 155 OF SAID TRACT 14489; THENCE ALONG THE PROLONGATION OF THE SOUTHWESTERLY LINE OF SAID LOT 155, NORTH 62 DEGREES 24' 45" WEST TO THE SOUTHWESTERLY LINE OF ROSEMEAD BOULEVARD, 100 FEET WIDE, AS DESCRIBED IN THE DEEDS TO HE STATE OF CALIFORNIA, RECORDED ON DECEMBER 13, 1948, AS INSTRUMENT NO. 2472 IN BOOK 28940 PAGE 6, OF OFFICIAL RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY AND RECORDED ON DECEMBER 30, 1948 AS INSTRUMENT NO. 2698 IN BOOK 29389 PAGE 190 OFFICIAL RECORDS; THENCE NORTHERLY ALONG SAID ROSEMEAD BOULEVARD TO THE SOUTHERLY LINE OF SAID TRACT 4245; THENCE SOUTHEASTERLY ALONG SAID SOUTHERLY LINE TO THE POINT OF BEGINNING.

EXCEPT THE NORTHEASTERLY 213 FEET, MEASURED AT RIGHT ANGLES OF SAID LAND.
APN: 6378-017-004

SITE ADDRESS:
6540 ROSEMEAD BOULEVARD,
PICO RIVERA, CALIFORNIA 90660

VESTED OWNER:
LIN & SONS INVESTMENT, INC. A CALIFORNIA CORPORATION

BASIS OF BEARINGS
THE BEARINGS SHOWN HEREON ARE BASED ON THE BEARING NORTH 45°10'03.2" WEST BETWEEN CALIFORNIA SPATIAL REFERENCE CENTER, CSRC, CONTINUOUSLY OPERATING REFERENCE STATIONS, CORS, "WHC1" AND "GVRS".

DATUM STATEMENT
ALL COORDINATES SHOWN HEREON ARE GRID VALUES BASED ON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2017.50 EPOCH), IN ACCORDANCE WITH THE CALIFORNIA PUBLIC RESOURCES CODE SECTIONS 8801-8819. ALL DISTANCES SHOWN HEREON ARE GROUND VALUES IN U.S. SURVEY FEET UNLESS OTHERWISE NOTED. A COMBINATION SCALE FACTOR OF 1.000008068 WAS USED FOR THIS PROJECT AT NORTHING 1817343.371, EASTING 6532974.053. TO OBTAIN GRID DISTANCES, MULTIPLY GROUND DISTANCES BY THE COMBINATION SCALE FACTOR.

	NORTHING	EASTING
WHC1:	1815062.759	6552220.355
GVRS:	1839667.589	6527471.202

BENCHMARK STATEMENT:
LOS ANGELES COUNTY BENCHMARK NO. LY1666A
ELEV: 163.154 (NAVD88)
DESCRIBED AS: RDBM TAG IN N CB 49FT W/O BCR @ NW COR ROSEMEAD BLVD & WASHINGTON BLVD

FLOOD NOTE:
THE SUBJECT PROPERTY FALLS WITHIN "ZONE X – AREA WITH REDUCED FLOOD RISK DUE TO LEVEE" PER FEMA MAP NO. 06037C1830F, A PRINTED PANEL, EFFECTIVE SEPTEMBER 26, 2008 .

LAND USE SUMMARY:

LOT 1 FOR CONDOMINIUM PURPOSES
TOTAL DWELLING UNITS: 95 RESIDENTIAL UNITS

GROSS AREA: 4.43 ACRES
NET AREA: 4.04 ACRES
LOT COVERAGE: 86%
FAR: 76,803 S.F. /175,983 S.F.
LANDSCAPING AREA: 25,047 S.F.
PAVING AREA: 81,796 S.F.
EXISTING USE: C-G (GENERAL COMMERCIAL)
PROPOSED USE: R-M (MULTIFAMILY RESIDENTIAL)
EXISTING ZONING: GENERAL COMMERCIAL
PROPOSED ZONING: RM ZONING RESIDENTIAL
TOTAL PROPOSED LOTS: 1 (NUMBERED)
PARKING SPACES REQUIRED: 202
PARKING SPACES PROVIDED: 214

UTILITY PURVEYORS & SERVICES:

WATER
PICO WATER DISTRICT
(562) 692-3756
CITY OF PICO RIVERA WATER SERVICES
(562) 801-4316

SEWER
CITY OF PICO RIVERA DEPARTMENT OF PUBLIC WORKS
UTILITY DIVISION
(562) 801-4415

ELECTRICITY
SOUTHERN CALIFORNIA EDISON
(800) 655-4555

GAS
SOUTHERN CALIFORNIA GAS COMPANY
(800) 427-2000

CABLE/INTERNET
SPECTRUM
(855) 707-7328

TELEPHONE
FRONTIER COMMUNICATIONS
(800) 921-8101

TRASH
NASA SERVICES INC.
(888) 888-0388

SCHOOL DISTRICT
EL RANCHO UNIFIED SCHOOL DISTRICT
(562) 942-1500

SURVEYOR'S STATEMENT:
THE SURVEY ON WHICH THIS VESTING TENTATIVE MAP IS BASED WAS DONE BY ME, OR UNDER MY DIRECTION. FIELDWORK WAS COMPLETED ON JUNE 29, 2023.

DANE P. MCDOUGALL, L.S. 9297

REGISTERED PROFESSIONAL ENGINEER DANE P. MCDOUGALL C 80705 CIVIL STATE OF CALIFORNIA

ENGINEER'S STATEMENT:
THIS VESTING TENTATIVE MAP WAS PREPARED BY ME, OR UNDER MY DIRECTION ON MARCH 28, 2024.

DANE P. MCDOUGALL, R.C.E. 80705

SHEET INDEX

C1 VESTING TENTATIVE TRACT MAP
C2 EXISTING SITE PLAN
C3 PRELIMINARY GRADING PLAN
C4 PRELIMINARY UTILITY PLAN
C5 PRELIMINARY FIRE ACCESS & HYDRANT LOCATION PLAN

DEVELOPER/SUBDIVIDER
BRANDYWINE HOMES
2355 MAIN STREET, SUITE 220
IRVINE, CA 92614
(949) 392-2078
CHRIS COURTNEY

CIVIL ENGINEER:
C&V CONSULTING, INC.
9830 IRVINE CENTER DRIVE
IRVINE, CA 92618
(949) 916-3800
DANE MCDOUGALL, P.E., PRINCIPAL

PROPOSED EASEMENTS:

[A] PROPOSED A NON-EXCLUSIVE EASEMENT FOR PUBLIC UTILITY AND INCIDENTAL PURPOSE TO THE CITY OF PICO RIVERA.

[B] INDICATES AN EASEMENT FOR INGRESS AND EGRESS FOR EMERGENCY AND PUBLIC SECURITY VEHICLES PURPOSE DEDICATED TO THE CITY OF PICO RIVERA.

EXISTING EASEMENTS:

(#) DENOTES PLOTTED ITEM.

(3) A WAIVER IN FAVOR OF STATE OF CALIFORNIA OF ANY CLAIM FOR DAMAGES TO SAID LAND BY REASON OF THE CONSTRUCTION OF A CENTRAL DIVISION STRIP WITH OPENINGS THEREIN TO BE DESIGNATED BY PUBLIC AUTHORITY IN THE HIGHWAY CONSTRUCTION CONTIGUOUS THERETO, AS CONTAINED IN THE DEEDS FROM R.W. CATE, RECORDED DECEMBER 13, 1948 IN BOOK 28940 PAGE 6, OF OFFICIAL RECORDS, AFFECTING THE SOUTHERLY 167.85 FEET OF SAID LAND AND FROM VELLA N. GALE RECORDED DECEMBER 30, 1948 IN BOOK 29389 PAGE 190, OF OFFICIAL RECORDS, AFFECTING THE NORTHERLY 257 FEET, MORE OR LESS, OF SAID LAND. A WAIVER IN FAVOR OF THE STATE OF CALIFORNIA OF ANY CLAIMS FOR DAMAGES TO SAID LAND BY REASON OF THE LOCATION, CONSTRUCTION, LANDSCAPING, MAINTENANCE OF A HIGHWAY CONTIGUOUS THERETO, AS CONTAINED IN THE DEEDS ABOVE MENTIONED.
(ITEM IS FOR PROPERTY CONTIGUOUS WITH ROSEMEAD BOULEVARD)

(4) AN EASEMENT FOR POLE LINES AND INCIDENTAL PURPOSES IN THE DOCUMENT RECORDED MAY 4, 1950 AS BOOK 33039 PAGE 206 OF OFFICIAL RECORDS.

(5) ABUTTER'S RIGHTS OF INGRESS AND EGRESS TO OR FROM A PUBLIC STREET OR HIGHWAY HAVE BEEN RELINQUISHED IN THE DOCUMENT RECORDED JUNE 8, 1959 AS BOOK D-494 PAGE 216 OF OFFICIAL RECORDS.

(6) AN EASEMENT FOR ROADS AND INCIDENTAL PURPOSES IN THE DOCUMENT RECORDED JULY 27, 1962 AS INSTRUMENT NO. 4154 OF OFFICIAL RECORDS.

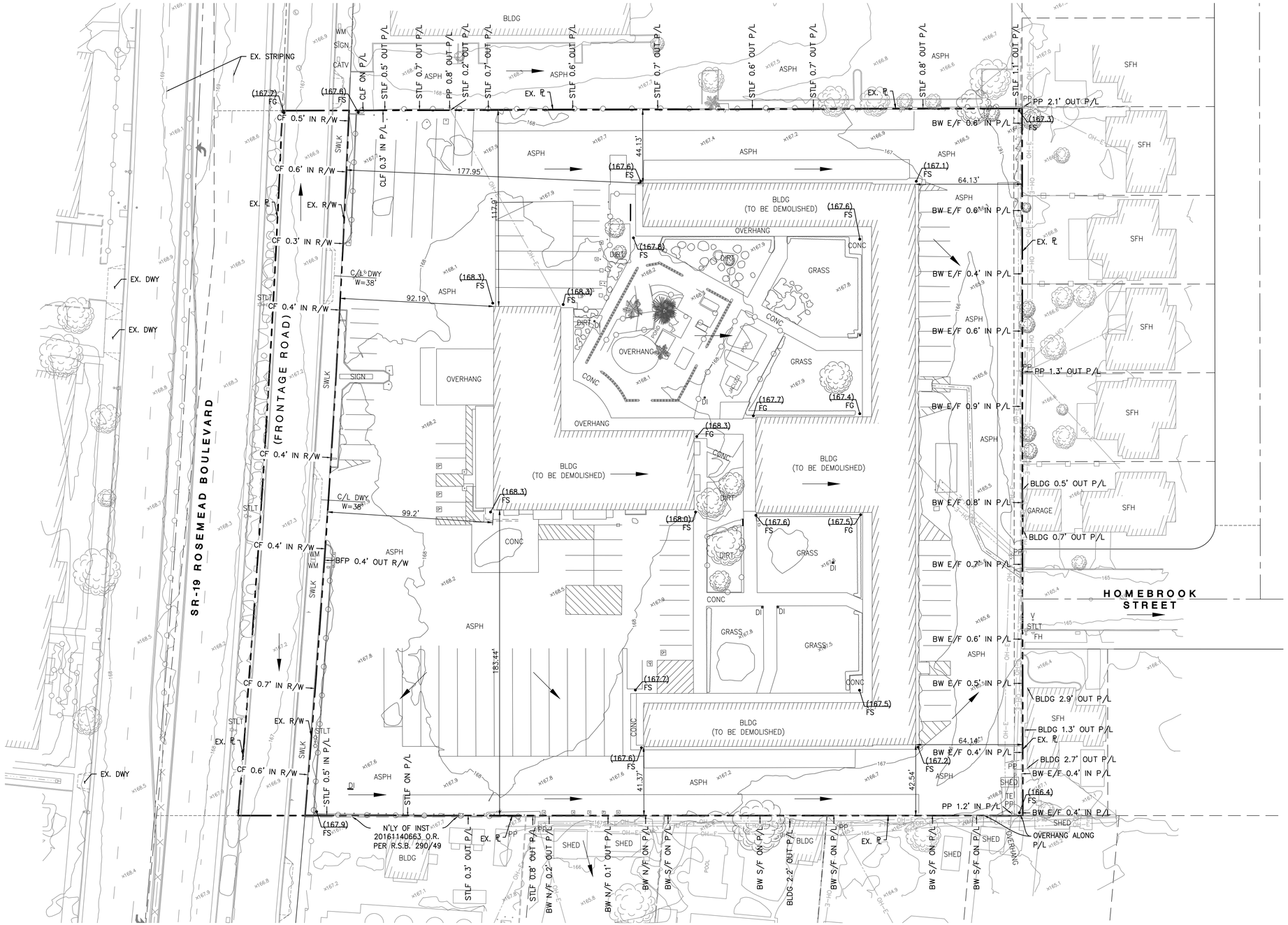
PREPARED BY:
REGISTERED PROFESSIONAL ENGINEER DANE P. MCDOUGALL C 80705 CIVIL STATE OF CALIFORNIA
C&V CONSULTING, INC. CIVIL ENGINEERING LAND PLANNING & SURVEYING
9830 IRVINE CENTER DRIVE
IRVINE, CALIFORNIA 92618
(949) 916-3800
INFO@CVC-INC.NET
WWW.CVC-INC.NET

PREPARED FOR:
BRANDYWINE HOMES
BRANDYWINE HOMES
2355 MAIN STREET, SUITE 220
IRVINE, CA 92614
(949) 296-2400

CITY OF PICO RIVERA
COMMUNITY DEVELOPMENT DEPARTMENT

VESTING TENTATIVE TRACT MAP NO. 84271
VESTING TENTATIVE TRACT MAP
6540 ROSEMEAD BOULEVARD
PICO RIVERA, CALIFORNIA 90660

PROJECT NO. BWHX-048
SHEET C1 OF C5
PLAN SET: PSD2
DATE: 3/28/2024
P:\PLANNING\CASE\SHEETS\VTM\VTM-21-15.DWG
BY: MICHAEL REYES



LEGEND:

AP	ANGLE POINT
ASPH	ASPHALT PAVEMENT
BC	BUILDING CORNER
BEG	BEGIN
BFP	BACKFLOW PROTECTOR
BO	BLOW-OFF VALVE
BLDG	BUILDING
BW	BLOCK WALL
CATV	CABLE TELEVISION
CB	CATCH BASIN
CF	CURB FACE
CLF	CHAIN LINK FENCE
CMF	CORRUGATED METAL FENCE
CONC	CONCRETE PAVEMENT
CO	CLEAN-OUT
CTYD	COURTYARD
DCDA	DOUBLE DETECTOR CHECK DETECTOR ASSEMBLY
DI	DRAIN INLET
DWY	DRIVEWAY
ELEC	ELECTRIC
FDC	FIRE DEPARTMENT CONNECTION
FH	FIRE HYDRANT
FL	FLOW LINE
FS	FINISHED SURFACE
FW	FIRE WATER
GB	GRADE BREAK
GM	GAS METER
HL	HOUSE LATERAL
HP	HIGH POINT
LP	LOW POINT
LS	LANDSCAPING
MH	MANHOLE
PIV	POST INDICATOR VALVE
PKWY	PARKWAY
P/L	PROPERTY LINE
RET	RETAINING
R/W	RIGHT-OF-WAY
SFH	SINGLE-FAMILY HOME
STLF	STEEL FENCE
ST LT	STREET LIGHT
SW'LY	SOUTHWESTERLY
TC	TOP OF CURB
TE	TRASH ENCLOSURE
TEMP	TEMPORARY
TELE	TELECOMMUNICATIONS
TF	TRANSFORMER
UGCV	UNDERGROUND CHECK VALVE
V	VALVE
WF	WOOD FENCE
WL	WALL
WM	WATER METER
IN P/L	INSIDE OF PROPERTY LINE
OUT P/L	OUTSIDE OF PROPERTY LINE
IN R/W	INSIDE OF ROW (OFF SITE)
OUT R/W	OUTSIDE OF ROW (ON SITE)
N/F	NORTH FACE
S/F	SOUTH FACE
E/F	EAST FACE
W/F	WEST FACE

SYMBOLS:

BO	BLOW-OFF VALVE
DI	DRAIN INLET
FH	FIRE HYDRANT
	LIGHT STANDARD
	STORM DRAIN MANHOLE
S	SANITARY SEWER MANHOLE
E	ELECTRIC MANHOLE
T	TELECOMMUNICATIONS MANHOLE
	SIGN POST
GM	GAS METER
WM	WATER METER
V	UTILITY VALVE
	UTILITY/POWER POLE
	BLOCK/RETAINING SCREEN WALL
	BLOCK/RETAINING LOW WALL
	PLANTER/DECORATIVE WALL
OH-E	OVERHEAD WIRE
	EDGE OF ASPHALT PAVEMENT
	WOOD/WROUGHT IRON FENCE
X	CHAIN LINK FENCE
93	MINOR CONTOUR (1' INTERVAL)
100	MAJOR CONTOUR (5' INTERVAL)
×91.5	SPOT ELEVATION
	EXISTING BUILDING
	EXISTING TREE
	ADA STALL
	CROSS GUTTER
	STRIPING
	SURFACE FLOW DIRECTION
	BUILDING ENTRY

BUILDING OVERHANG NOTE:

ALL BUILDING LINES SHOWN HEREON ARE REFLECTIVE OF THE BUILDING ROOF LINES AND OVERHANGS AS OBSERVED FROM AERIAL PHOTOGRAMMETRY AND MAY NOT REPRESENT A BUILDING LOCATION AT GROUND LEVEL.

DEMOLITION NOTE:

ALL EXISTING STRUCTURES SHOWN TO BE DEMOLISHED PER SEPARATE PLAN AND PERMIT

1" = 30'

0 15 30 60

PREPARED BY:

C&V CONSULTING, INC.
CIVIL ENGINEERING
LAND PLANNING & SURVEYING
9830 IRVINE CENTER DRIVE
IRVINE, CALIFORNIA 92618
(949) 916-3800
INFO@CVC-INC.NET
WWW.CVC-INC.NET

PREPARED FOR:

BRANDYWINE HOMES
BRANDYWINE HOMES
2355 MAIN STREET, SUITE 220
IRVINE, CA 92614
(949) 296-2400

CITY OF PICO RIVERA
COMMUNITY DEVELOPMENT DEPARTMENT

PROJECT NO. BWHX-048

VESTING TENTATIVE TRACT MAP NO. 84271

EXISTING SITE PLAN

6540 ROSEMEAD BOULEVARD
PICO RIVERA, CALIFORNIA 90660

SHEET C2 OF C5

PLAN SET: PSD2
DATE: 3/28/2024
P:\PJ\BWHX-048\DWG\SHEETS\VTM\VTM-02-EXP.DWG
BY: MICHAEL REYES

BUILDING SUMMARY:

MULTI-FAMILY DWELLING

5-PLEX BLDG 4, 5, 7, 10, 11, 14 & 15
BUILDING AREA: 12,282 FT
CONSTRUCTION TYPE: VB

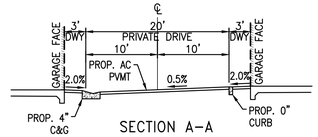
6-PLEX BLDG 2, 3 & 8
BUILDING AREA: 14,591 FT
CONSTRUCTION TYPE: VB

8-PLEX BLDG 6, 12 & 13
BUILDING AREA: 17,662 FT
CONSTRUCTION TYPE: VB

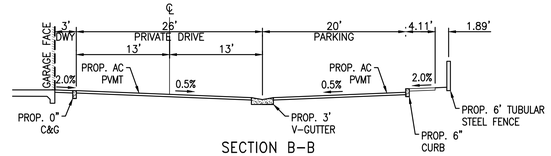
9-PLEX BLDG 1 & 9
BUILDING AREA: 22,564 FT
CONSTRUCTION TYPE: VB

NOTE
ALL PROPOSED GATES SHALL BE EQUIPPED WITH A FIRE DEPARTMENT APPROVED LOCKING DEVICE

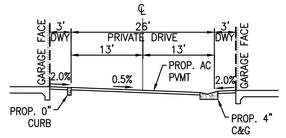
NOTE
PROPOSED DEVELOPMENT WILL BE EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM , WHICH SHALL BE IN COMPLIANCE WITH CURRENT LA COUNTY FIRE AND BUILDING CODES, TO RECIEVE APPLICABLE FIRE FLOW REDUCTIONS. THIS INFORMATION IS REQUIRED IN ORDER TO APPLY ALLOWABLE REDUCTIONS IN THE REQUIRED FIRE FLOW PER THE COUNTY OF LOS ANGELES FIRE CODE APPENDIX B. FIRE CODE 507.3 & APPENDIX B105.1



SECTION A-A
20' PRIVATE DRIVE
NOT TO SCALE

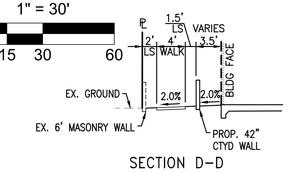


SECTION B-B
26' PRIVATE DRIVE W/PARKING
NOT TO SCALE

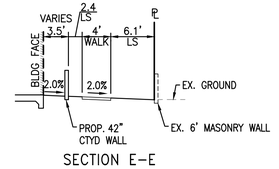


SECTION C-C
26' PRIVATE DRIVE
NOT TO SCALE

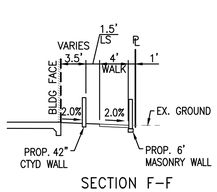
1" = 30'
0 15 30 60



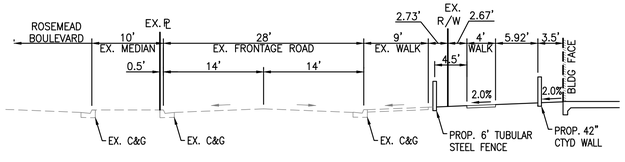
SECTION D-D
SOUTHERN BOUNDRY
NOT TO SCALE



SECTION E-E
EASTERN BOUNDARY
NOT TO SCALE



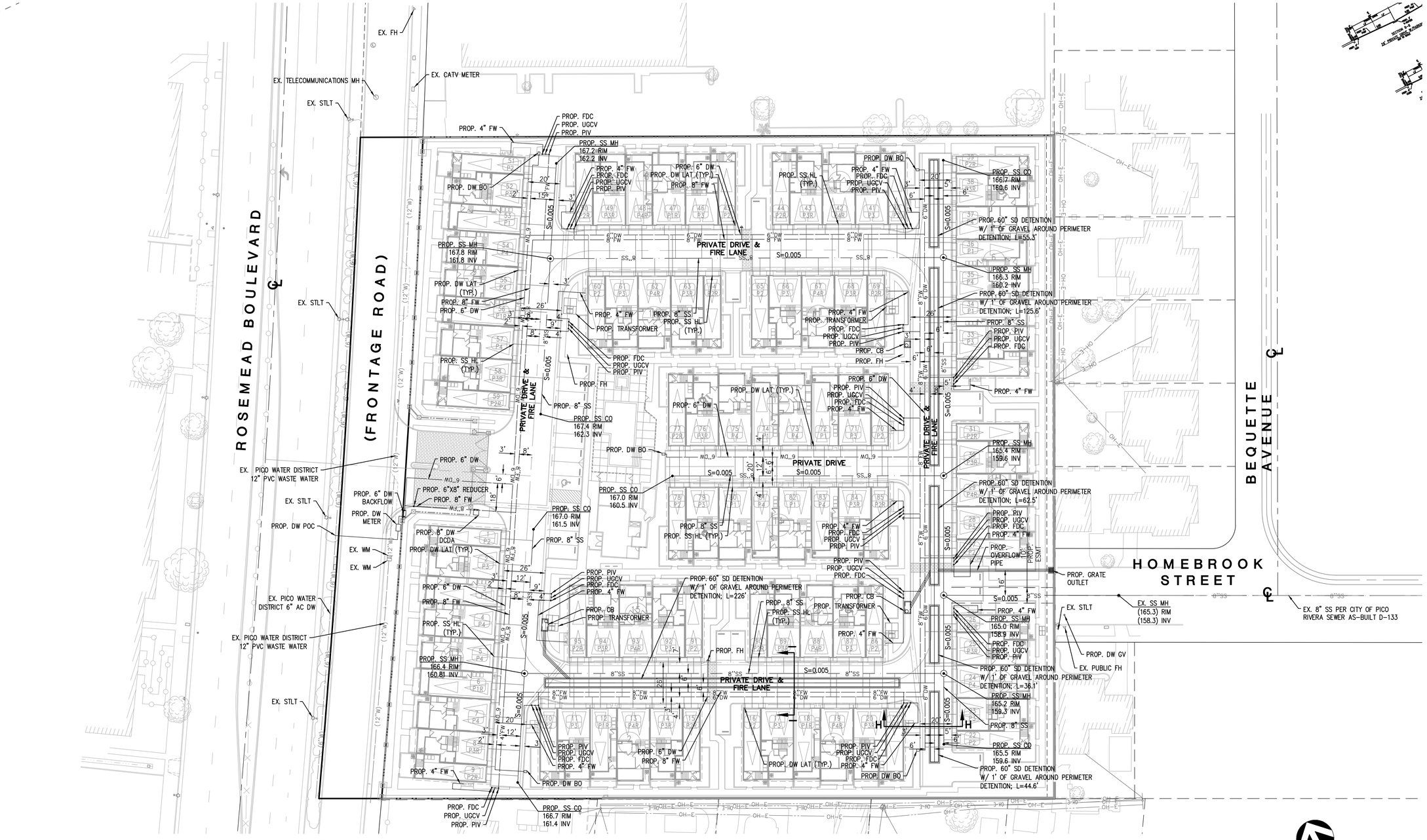
SECTION F-F
NORTHERN BOUNDARY
NOT TO SCALE

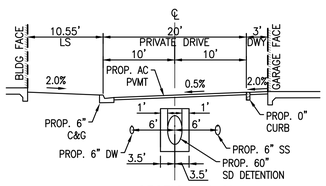


SECTION G-G
ROSEMEAD BOULEVARD
NOT TO SCALE

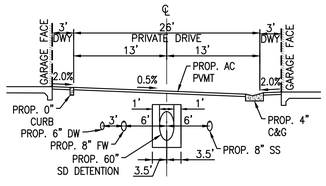
PREPARED BY:	PREPARED FOR:	CITY OF PICO RIVERA COMMUNITY DEVELOPMENT DEPARTMENT	PROJECT NO. BWHX-048
C&V CONSULTING, INC. CIVIL ENGINEERING LAND PLANNING & SURVEYING 9830 IRVINE CENTER DRIVE IRVINE, CALIFORNIA 92618 (949) 916-3800 INFO@CVC-INC.NET WWW.CVC-INC.NET	BRANDYWINE HOMES BRANDYWINE HOMES 2355 MAIN STREET, SUITE 220 IRVINE, CA 92614 (949) 296-2400	VESTING TENTATIVE TRACT MAP NO. 84271 PRELIMINARY GRADING PLAN 6540 ROSEMEAD BOULEVARD PICO RIVERA, CALIFORNIA 90660	SHEET C3 OF C5

PLAN SET: PDSD
DATE: 7/26/2024
PLOTTED BY: MICHAEL RIOS





SECTION H–H
TYPICAL 20' PRIVATE DRIVE
W/SD DETENTION CHAMBER
NOT TO SCALE



SECTION I–I
TYPICAL 26' PRIVATE DRIVE
W/SD DETENTION CHAMBER
NOT TO SCALE

PREPARED BY:

C&V CONSULTING, INC.
CIVIL ENGINEERING
LAND PLANNING & SURVEYING
9830 IRVINE CENTER DRIVE
IRVINE, CALIFORNIA 92618
(949) 916-3800
INFO@CVC-INC.NET
WWW.CVC-INC.NET

PREPARED FOR:

BRANDYWINE HOMES
BRANDYWINE HOMES
2355 MAIN STREET, SUITE 220
IRVINE, CA 92614
(949) 296-2400

CITY OF PICO RIVERA
COMMUNITY DEVELOPMENT DEPARTMENT

VESTING TENTATIVE TRACT MAP NO. 84271
PRELIMINARY UTILITY PLAN
6540 ROSEMEAD BOULEVARD
PICO RIVERA, CALIFORNIA 90660

PROJECT NO.
BWHX-048

SHEET
C4
OF
C5

PLAN SET: PDSD
DATE: 3/28/2024
P:\BWHX-048\GIS\MXDS\TENTATIVE-04-UTILITIES.MXD
BY: MICHAEL RICES

PROJECT GENERAL NOTES:

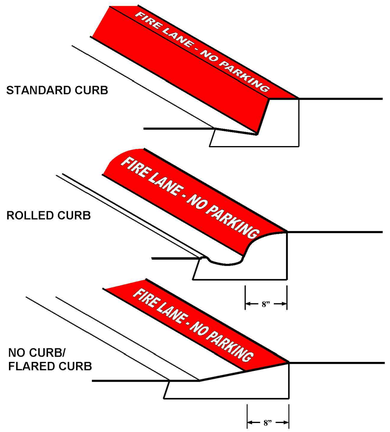
1. ALL FIRE ACCESS LANES MEET LACoFD MINIMUM REQUIREMENTS 19' & 45' RADII.
2. THIS PROJECT DOES NOT HAVE ANY FUEL MODIFICATION OR WILD LAND EXPOSURES AND IS NOT IN A VERY HIGH FIRE HAZARD ZONE.
3. THIS PROJECT IS DESIGNED IN CONFORMANCE WITH THE CBC, 2022 EDITION.
4. ALL FIRE ACCESS ROADS SHALL BE ALL WEATHER, MEET THE CRITERIA OF AN ALL WEATHER DRIVING SURFACE AND COMPLY WITH LACoFD GUIDELINE FOR FIRE APPARATUS ROADS.
5. THE BUILDING HEIGHTS ARE APPROXIMATELY 39'-9" FEET MAX.
6. ALL BUILDINGS ON THE SITE WILL BE SPRINKLERED PER FULL NFPA-13.
7. APPROVEDD BUILDING ADDRESS NUMBERS, BUILDING NUMBERS OR APPROVED BUILDING IDENTIFICATION SHALL BE PROVIDED AND MAINTAINED SO AS TO BE PLAINLY VISIBLE AND LEGIBLE FROM THE STREET FRONTING THE PROPERTY. THE NUMBERS SHALL CONTRAST WITH THEIR BACKGROUND, BE ARABIC NUMBERS OR ALPHABET LETTERS, AND BE A MINIMUM OF 4 INCHES HIGH AND A MINIMUM STROKE WIDTH OF 0.5 INCH. FIRE CODE 505.1
8. A KEY BOX SHALL BE PROVIDED AT THE MAIN ENTRANCE, IN ACCORDANCE WITH FIRE CODE 902.4, AND AS SET FORTH IN FIRE DEPARTMENT REGULATION 5.
9. THE REQUIRED FIRE FLOW FOR THE FIRE HYDRANTS AT THIS LOCATION IS ____ GALLONS PER MINUTE, AT __ PSI RESIDUAL PRESSURE, FOR A DURATION OF __ HOURS OVER AND ABOVE MAXIMUM DAILY DOMESTIC DEMAND. FIRE CODE 507.3 AND APPENDIX B105.1 APPENDIX B.
10. ALL FIRE HYDRANTS SHALL MEASURE 6"X4"X2-1/2", BRASS OR BRONZE, CONFORMING TO AMERICAN WATER WORKS ASSOCIATION STANDARD C503, OR APPROVED EQUAL; AND SHALL BE INSTALLED IN COMPLIANCE WITH FIRE DEPARTMENT REGULATION 8. FIRE CODE 903.2.1
11. ALL ON-SITE FIRE HYDRANTS SHALL BE INSTALLED, TESTED AND APPROVED PRIOR TO BUILDING OCCUPANCY. FIRE CODE 1001.4
12. THE INSPECTION, HYDROSTATIC TEST AND FLUSHING OF THE UNDERGROUND FIRE PROTECTION PIPING SHALL BE WITNESSED BY AN AUTHORIZED FIRE DEPARTMENT REPRESENTATIVE AND NO UNDERGROUND PIPING OR THRUST BLOCKS SHALL BE COVERED WITH EARTH OR HIDDEN FROM VIEW UNTIL THE FIRE DEPARTMENT REPRESENTATIVE HAS BEEN NOTIFIED AND GIVEN NOT LESS THAN 48 HOURS IN WHICH TO INSPECT SUCH INSTALLATIONS. FIRE CODE 1001.4

FIRE ACCESS PLAN NOTES:

1. FIRE DEPARTMENT VEHICULAR ACCESS ROADS MUST BE INSTALLED AND MAINTAINED IN A SERVICEABLE MANNER THROUGHOUT CONSTRUCTION TO ALL FIRE HYDRANTS. ALL REQUIRED FIRE HYDRANTS SHALL BE INSTALLED, TESTED, AND ACCEPTED PRIOR TO CONSTRUCTION.
2. PROVIDE APPROVED SIGNS OR OTHER APPROVED NOTICES OR MARKINGS THAT INCLUDE THE WORDS "NO PARKING – FIRE LANE". SIGNS SHALL HAVE A MINIMUM DIMENSION OF 12 INCHES WIDE BY 18 INCHES HIGH AND HAVE RED LETTERS ON A WHITE REFLECTIVE BACKGROUND. SIGNS SHALL BE PROVIDED FOR FIRE APPARATUS ACCESS ROADS, TO CLEARLY INDICATE THE ENTRANCE TO SUCH ROAD, OR PROHIBIT THE OBSTRUCTION THEREOF AND AT INTERVALS, AS REQUIRED BY THE FIRE INSPECTOR.
3. WHEN SECURITY GATES ARE PROVIDED, MAINTAIN A MINIMUM ACCESS WIDTH OF 26 FEET. THE SECURITY GATE SHALL BE PROVIDED WITH AN APPROVED MEANS OF EMERGENCY OPERATION, AND SHALL BE MAINTAINED OPERATIONAL AT ALL TIMES AND REPLACED OR REPAIRED WHEN DEFECTIVE. ELECTRIC GATE OPERATORS, WHERE PROVIDED, SHALL BE LISTED IN ACCORDANCE WITH UL 325. GATES INTENDED FOR AUTOMATIC OPERATION SHALL BE DESIGNED, CONSTRUCTED AND INSTALLED TO COMPLY WITH THE REQUIREMENTS OF ASTM F220. GATES SHALL BE SWINGING OR SLIDING TYPE. CONSTRUCTION OF GATES SHALL BE OF MATERIALS THAT ALLOW MANUAL OPERATION BY ONE PERSON. FIRE CODE 503.6. (NO ENTRY GATE PROPOSED ON THIS PROJECT.)
4. ALL FIRE HYDRANTS SHALL MEASURE 6"X4"X2-1/2", BRASS OR BRONZE, CONFORMING TO AMERICAN WATER WORKS ASSOCIATION STANDARD C503, OR APPROVED EQUAL; AND SHALL BE INSTALLED IN COMPLIANCE WITH THE COUNTY OF LOS ANGELES FIRE DEPARTMENT REGULATION 8. FIRE CODE 903.2.1.
5. PROVIDE AN AUTOMATIC FIRE SPRINKLER SYSTEM AS SET FORTH BY BUILDING CODE 903 AND FIRE CODE 903. PLANS SHALL BE SUBMITTED TO THE SPRINKLER PLAN CHECK UNIT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. TYPE OF FIRE SPRINKLER SYSTEM: 903.3.1.3.
6. DUMPSTERS AND CONTAINERS WITH AN INDIVIDUAL CAPACITY OF 1.5 CUBIC YARDS OR MORE SHALL NOT BE STORED IN BUILDINGS OR PLACED WITHIN 5 FEET OF COMBUSTIBLE WALLS, OPENINGS OR COMBUSTIBLE ROOF EAVES, UNLESS AREAS CONTAINING DUMPSTERS OR CONTAINERS ARE PROTECTED BY AN APPROVED AUTOMATIC FIRE SPRINKLER SYSTEM. FIRE CODE 304.3.3.
7. FIRE APPARATUS ACCESS ROADS SHALL BE IDENTIFIED WITH APPROVED SIGNS. TEMPORARY SIGNS SHALL BE INSTALLED AT EACH STREET INTERSECTION WHEN CONSTRUCTION OF NEW ROADWAYS ALLOWS PASSAGE BY VEHICLES. SIGNS SHALL BE OF AN APPROVED SIZE, WEATHER RESISTANT AND BE MAINTAINED UNTIL REPLACED BY PERMANENT SIGNS. FIRE CODE 505.2.

ATTACHMENT 9

Fire Lane Identification – Red Curbs

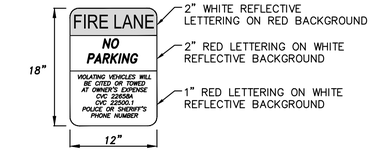


1. Fire lane entrance sign(s) shall also be provided per Attachment 10 or 11.
2. Curbs shall be painted OSHA safety red.
3. "FIRE LANE – NO PARKING" shall be painted on top of curb in 3" white lettering at a spacing of 30' on center or portion thereof.

1. CURBS SHALL BE PAINTED RED
2. "FIRE LANE – NO PARKING" SHALL BE PAINTED ON TOP OF CURB IN 3" WHITE LETTERING AT A SPACING OF 30' ON CENTER OR PORTION THEREOF.

2 **RED CURB PAVEMENT MARKING**
NOT TO SCALE

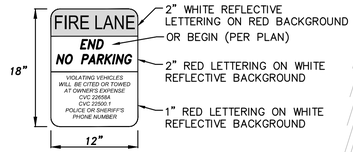
NOTE
ALL PROPOSED GATES SHALL BE EQUIPPED WITH A FIRE DEPARTMENT APPROVED LOCKING DEVICE



ALL SIGN AND LETTERING DIMENSIONS ARE MINIMUMS.

SIGNS SHALL BE SECURELY MOUNTED FACING THE DIRECTION OF TRAVEL AND CLEARLY VISIBLE TO ONCOMING TRAFFIC ENTERING THE DESIGNATED AREA. SIGNS SHALL BE MADE OF DURABLE MATERIAL.

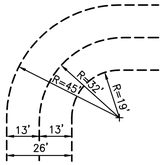
1 **NO PARKING SIGN**
NOT TO SCALE



ALL SIGN AND LETTERING DIMENSIONS ARE MINIMUMS.

SIGNS SHALL BE SECURELY MOUNTED FACING THE DIRECTION OF TRAVEL AND CLEARLY VISIBLE TO ONCOMING TRAFFIC ENTERING THE DESIGNATED AREA. SIGNS SHALL BE MADE OF DURABLE MATERIAL.

3 **BEGIN & END NO PARKING SIGN OR BEGIN (PER PLAN)**
NOT TO SCALE



FIRE LANE TURNING RADIUS
TYPICAL DETAIL
NOT TO SCALE

CONSTRUCTION NOTES:

1. INSTALL "FIRE LANE" SIGN PER DETAIL 1 HEREON.
2. FIRE LANE IDENTIFICATION-RED CURBS PER DETAIL 2 HEREON.
3. INSTALL "FIRE LANE" SIGN BEGIN OR END PER DETAIL 3 HEREON.
4. INSTALL PROPOSED PUBLIC FIRE HYDRANT.
5. INSTALL PROPOSED PRIVATE FIRE HYDRANT.

PROPOSED EASEMENTS:

A INDICATES AN EASEMENT FOR INGRESS AND EGRESS FOR EMERGENCY AND PUBLIC SERVICE VEHICLES

LACFD NOTE:
UNDERGROUND PIPING PLANS FOR THE REQUIRED 2 PUBLIC FIRE HYDRANTS AND 3 PRIVATE FIRE HYDRANTS SHALL BE SUBMITTED FROM THE LOCAL WATER PURVEYOR THROUGH EPICLA.LACOUNTY.GOV TO THE COUNTY OF LOS ANGELES FIRE DEPARTMENT FIRE PREVENTION DIVISION LAND DEVELOPMENT UNIT AND REFERENCE FLDU2023006269, FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION

LEGEND

- EXISTING STREET LIGHT
- PROPOSED FIRE TRUCK ACCESS
- EX. POWER POLE
- PROPOSED SIGN
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- FIRE TRUCK
- HOSE PULL
- PROPERTY LINE
- RED CURB STRIPING

ABRIEVIATIONS

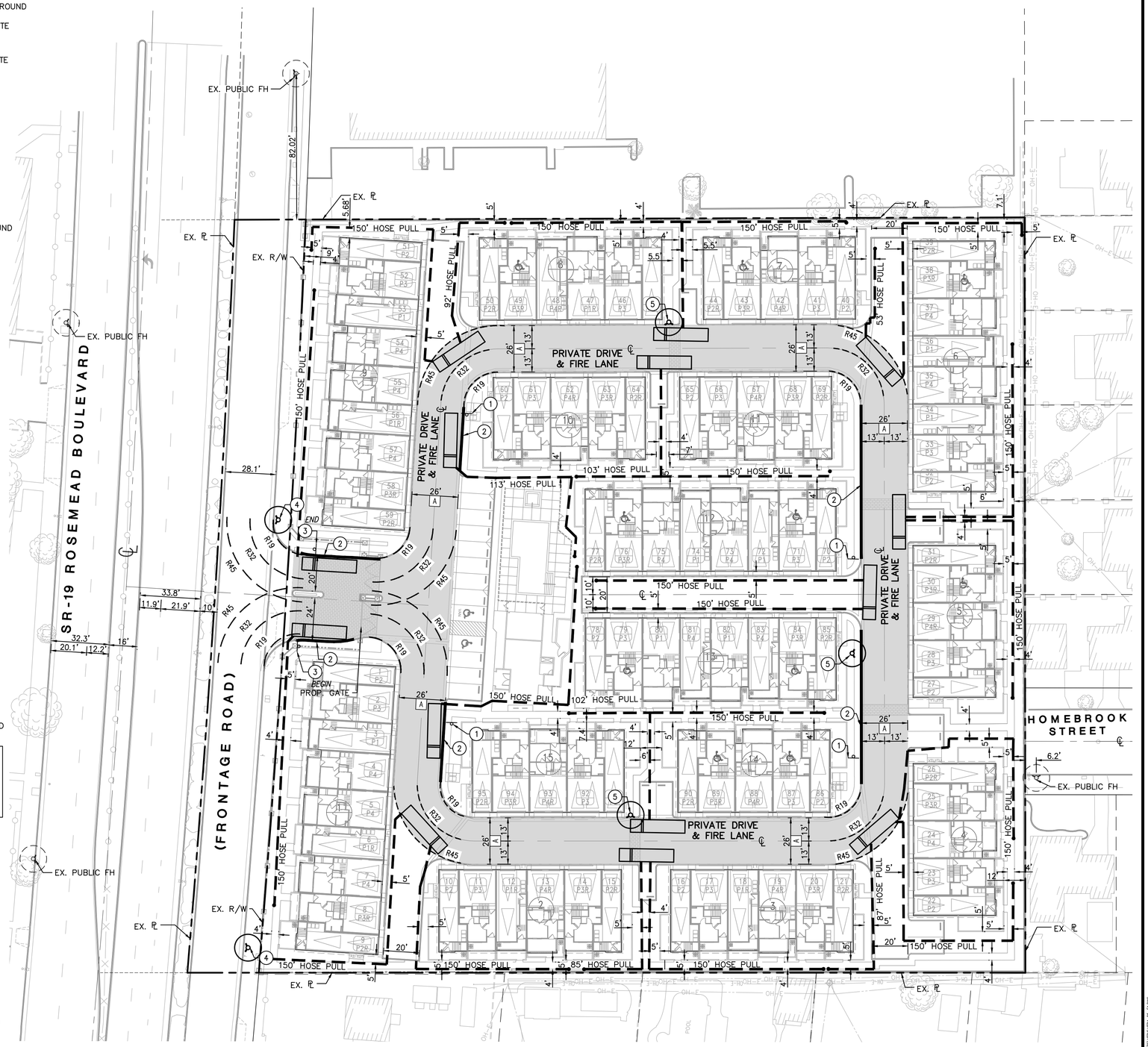
FH	FIRE HYDRANT
PR.	PROPOSED
EX	EXISTING
PL	PROPERTY LINE
R/W	RIGHT OF WAY
TYP.	TYPICAL
BLDG	BUILDING

1" = 30'
0 15 30 60

NOTE
PROPOSED DEVELOPMENT WILL BE EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM , WHICH SHALL BE IN COMPLIANCE WITH CURRENT LA COUNTY FIRE AND BUILDING CODES, TO RECIEVE APPLICABLE FIRE FLOW REDUCTIONS. THIS INFORMATION IS REQUIRED IN ORDER TO APPLY ALLOWABLE REDUCTIONS IN THE REQUIRED FIRE FLOW PER THE COUNTY OF LOS ANGELES FIRE CODE APPENDIX B. FIRE CODE 507.3 & APPENDIX B105.1

SITE INFORMATION

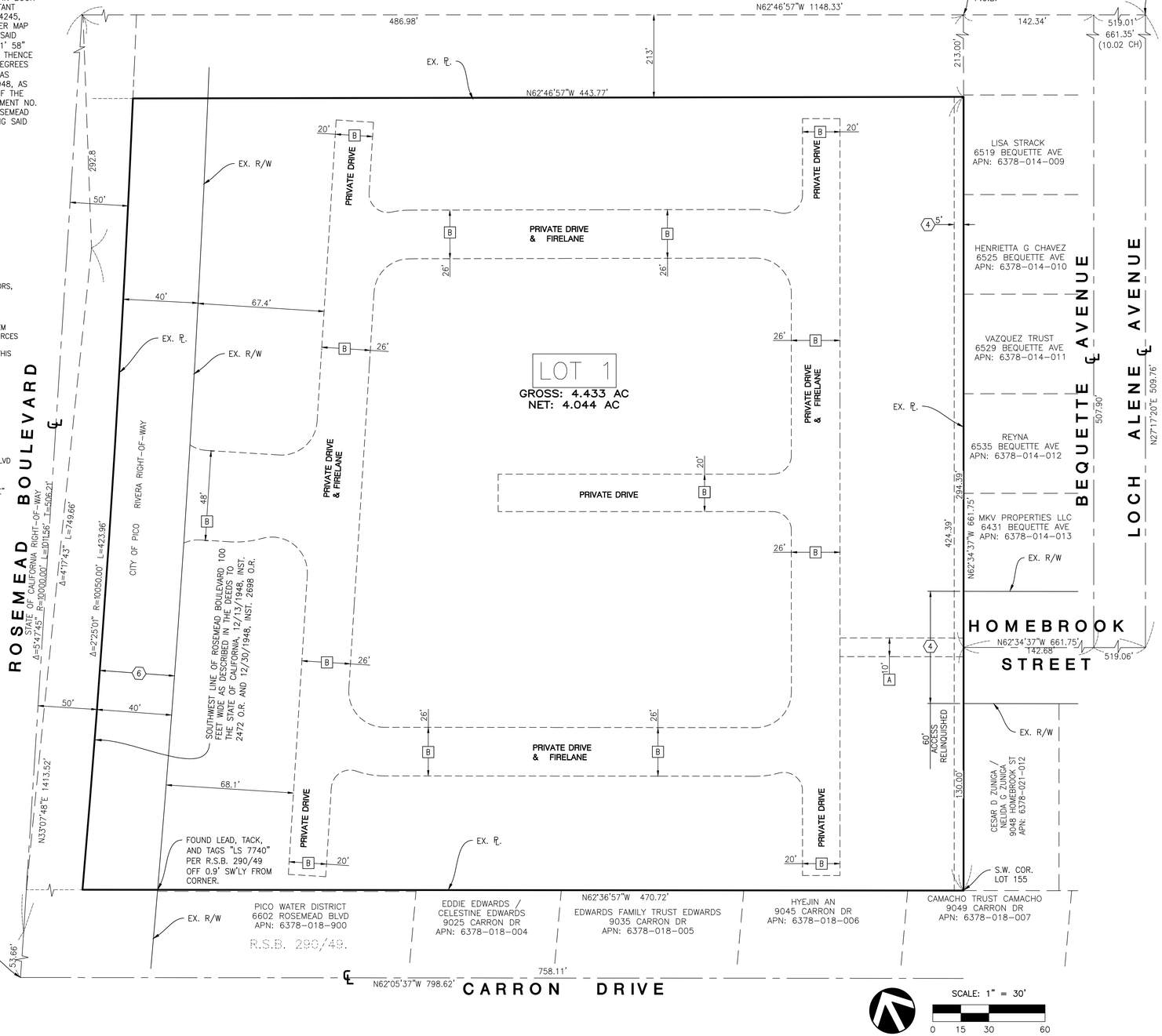
1. LARGEST BLDG SQ. FOOTAGE (9-PLEX BLDG) = 22,564 SQ. FT.
2. CONSTRUCTION TYPE: VB
3. FIRE SPRINKLER SYSTEM TYPE: 13R

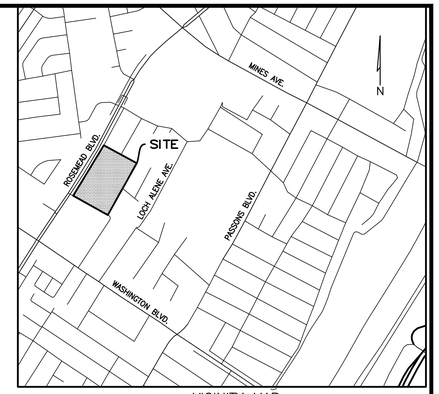


PREPARED BY:	PREPARED FOR:		
C&V CONSULTING, INC. CIVIL ENGINEERING LAND PLANNING & SURVEYING 9830 IRVINE CENTER DRIVE IRVINE, CALIFORNIA 92618 (949) 916-3800 INFO@CVC-INC.NET WWW.CVC-INC.NET	BRANDYWINE HOMES 2355 MAIN STREET, SUITE 220 IRVINE, CA 92614 (949) 296-2400	**CITY OF PICO RIVERA** COMMUNITY DEVELOPMENT DEPARTMENT **VESTING TENTATIVE TRACT MAP NO. 84271** **PRELIMINARY FIRE ACCESS & HYDRANT LOCATION PLAN** 6540 ROSEMEAD BOULEVARD PICO RIVERA, CALIFORNIA 90660	PROJECT NO. BWHX-048 SHEET C5 OF C5 PLAN SET: PDP2 DATE: 2/13/2024 P:\PJ\BWHX-048\DWG\SHEETS\PDP\PDP-DS-FIGURE

VESTING TENTATIVE TRACT MAP NO. 84271

LOT 1 FOR CONDOMINIUM PURPOSES
IN THE CITY OF PICO RIVERA, STATE OF CALIFORNIA





VICINITY MAP
N.T.S.

LEGAL DESCRIPTICON:

REAL PROPERTY IN THE CITY OF PICO RIVERA, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:

THAT PORTION OF THE RANCHO PASO DE BARTOLO, IN THE CITY OF PICO RIVERA, DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE SOUTHERLY LINE OF TRACT 4245 AS PER MAP RECORDED IN BOOK 47 PAGE 26 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, DISTANT WESTERLY THEREON 10.03 CHAINS FROM THE MOST SOUTHERLY CORNER OF SAID TRACT 4245, SAID POINT OF BEGINNING ALSO BEING THE POINT OF BOUNDARY OF TRACT 14489, AS PER MAP RECORDED IN BOOK 365 PAGES 43 TO 46 INCLUSIVE OF SAID MAPS, IN THE OFFICE OF SAID RECORDER; THENCE ALONG THE BOUNDARY OF SAID TRACT 14489, SOUTH 27 DEGREES 31' 58" WEST 637.39 FEET TO THE SOUTHWESTERLY CORNER OF LOT 155 OF SAID TRACT 14489; THENCE ALONG THE PROLONGATION OF THE SOUTHWESTERLY LINE OF SAID LOT 155, NORTH 62 DEGREES 24' 45" WEST TO THE SOUTHWESTERLY LINE OF ROSEMEAD BOULEVARD, 100 FEET WIDE, AS DESCRIBED IN THE DEEDS TO HE STATE OF CALIFORNIA, RECORDED ON DECEMBER 13, 1948, AS INSTRUMENT NO. 2472 IN BOOK 28940 PAGE 6, OF OFFICIAL RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY AND RECORDED ON DECEMBER 30, 1948 AS INSTRUMENT NO. 2698 IN BOOK 29389 PAGE 190 OFFICIAL RECORDS; THENCE NORTHERLY ALONG SAID ROSEMEAD BOULEVARD TO THE SOUTHERLY LINE OF SAID TRACT 4245; THENCE SOUTHEASTERLY ALONG SAID SOUTHERLY LINE TO THE POINT OF BEGINNING.

EXCEPT THE NORTHEASTERLY 213 FEET, MEASURED AT RIGHT ANGLES OF SAID LAND.

APN: 6378-017-004

SITE ADDRESS:

6540 ROSEMEAD BOULEVARD,
PICO RIVERA, CALIFORNIA 90660

VESTED OWNER:

LIN & SONS INVESTMENT, INC. A CALIFORNIA CORPORATION

BASIS OF BEARINGS

THE BEARINGS SHOWN HEREON ARE BASED ON THE BEARING NORTH 45°10'03.2" WEST BETWEEN CALIFORNIA SPATIAL REFERENCE CENTER, CSRC, CONTINUOUSLY OPERATING REFERENCE STATIONS, CORS, "WHC1" AND "GVRS".

DATUM STATEMENT

ALL COORDINATES SHOWN HEREON ARE GRID VALUES BASED ON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2017.50 EPOCH), IN ACCORDANCE WITH THE CALIFORNIA PUBLIC RESOURCES CODE SECTIONS 8801-8819. ALL DISTANCES SHOWN HEREON ARE GROUND VALUES IN U.S. SURVEY FEET UNLESS OTHERWISE NOTED. A COMBINATION SCALE FACTOR OF 1.000008068 WAS USED FOR THIS PROJECT AT NORTHING 1817343.371, EASTING 6532974.053. TO OBTAIN GRID DISTANCES, MULTIPLY GROUND DISTANCES BY THE COMBINATION SCALE FACTOR.

	NORTHING	EASTING
WHC1:	1815062.759	6552220.355
GVRS:	1839667.589	6527471.202

BENCHMARK STATEMENT:

LOS ANGELES COUNTY BENCHMARK NO. LY1666A
ELEV: 163.154 (NAVD88)
DESCRIBED AS: RDBM TAG IN N CB 49FT W/O BCR @ NW COR ROSEMEAD BLVD & WASHINGTON BLVD

FLOOD NOTE:

THE SUBJECT PROPERTY FALLS WITHIN "ZONE X – AREA WITH REDUCED FLOOD RISK DUE TO LEVEE" PER FEMA MAP NO. 06037C1830F, A PRINTED PANEL, EFFECTIVE SEPTEMBER 26, 2008 .

LAND USE SUMMARY:

LOT 1 FOR CONDOMINIUM PURPOSES
TOTAL DWELLING UNITS: 95 RESIDENTIAL UNITS

GROSS AREA: 4.43 ACRES
NET AREA: 4.04 ACRES
LOT COVERAGE: 86%
FAR: 76,803 S.F. /175,983 S.F.
LANDSCAPING AREA: 25,047 S.F.
PAVING AREA: 81,796 S.F.
EXISTING USE: C-G (GENERAL COMMERCIAL)
PROPOSED USE: R-M (MULTIFAMILY RESIDENTIAL)
EXISTING ZONING: GENERAL COMMERCIAL
PROPOSED ZONING: RM ZONING RESIDENTIAL
TOTAL PROPOSED LOTS: 1 (NUMBERED)
PARKING SPACES REQUIRED: 202
PARKING SPACES PROVIDED: 214

UTILITY PURVEYORS & SERVICES:

WATER
PICO WATER DISTRICT
(562) 692-3756
PICO RIVERA WATER AUTHORITY
(562) 801-4316

SEWER
CITY OF PICO RIVERA DEPARTMENT OF PUBLIC WORKS
UTILITY DIVISION
(562) 801-4415

ELECTRICITY
SOUTHERN CALIFORNIA EDISON
(800) 655-4555

GAS
SOUTHERN CALIFORNIA GAS COMPANY
(800) 427-2000

CABLE/INTERNET
SPECTRUM
(855) 707-7328

TELEPHONE
FRONTIER COMMUNICATIONS
(800) 921-8101

TRASH
NASA SERVICES INC.
(888) 888-0388

SCHOOL DISTRICT
EL RANCHO UNIFIED SCHOOL DISTRICT
(562) 942-1500

SHEET INDEX

C1 VESTING TENTATIVE TRACT MAP
C2 EXISTING SITE PLAN
C3 PRELIMINARY GRADING PLAN
C4 PRELIMINARY UTILITY PLAN
C5 PRELIMINARY FIRE ACCESS & HYDRANT LOCATION PLAN

DEVELOPER/SUBDIVIDER

BRANDYWINE HOMES
2355 MAIN STREET, SUITE 220
IRVINE, CA 92614
(949) 392-2078
CHRIS COURTNEY

CIVIL ENGINEER:

C&V CONSULTING, INC.
9830 IRVINE CENTER DRIVE
IRVINE, CA 92618
(949) 916-3800
DANE MCDOUGALL, P.E., PRINCIPAL

PROPOSED EASEMENTS:

[A] PROPOSED A NON-EXCLUSIVE EASEMENT FOR PUBLIC UTILITY AND INCIDENTAL PURPOSE TO THE CITY OF PICO RIVERA.

[B] INDICATES AN EASEMENT FOR INGRESS AND EGRESS FOR EMERGENCY AND PUBLIC SECURITY VEHICLES PURPOSE DEDICATED TO THE CITY OF PICO RIVERA.

EXISTING EASEMENTS:

(#) DENOTES PLOTTED ITEM.

(3) A WAIVER IN FAVOR OF STATE OF CALIFORNIA OF ANY CLAIM FOR DAMAGES TO SAID LAND BY REASON OF THE CONSTRUCTION OF A CENTRAL DIVISION STRIP WITH OPENINGS THEREIN TO BE DESIGNATED BY PUBLIC AUTHORITY IN THE HIGHWAY CONSTRUCTION CONTIGUOUS THERETO, AS CONTAINED IN THE DEEDS FROM R.W. CATE, RECORDED DECEMBER 13, 1948 IN BOOK 28940 PAGE 6, OF OFFICIAL RECORDS, AFFECTING THE SOUTHERLY 167.85 FEET OF SAID LAND AND FROM VELLA N. GALE RECORDED DECEMBER 30, 1948 IN BOOK 29389 PAGE 190, OF OFFICIAL RECORDS, AFFECTING THE NORTHERLY 257 FEET, MORE OR LESS, OF SAID LAND. A WAIVER IN FAVOR OF THE STATE OF CALIFORNIA OF ANY CLAIMS FOR DAMAGES TO SAID LAND BY REASON OF THE LOCATION, CONSTRUCTION, LANDSCAPING, MAINTENANCE OF A HIGHWAY CONTIGUOUS THERETO, AS CONTAINED IN THE DEEDS ABOVE MENTIONED.
(ITEM IS FOR PROPERTY CONTIGUOUS WITH ROSEMEAD BOULEVARD)

(4) AN EASEMENT FOR POLE LINES AND INCIDENTAL PURPOSES IN THE DOCUMENT RECORDED MAY 4, 1950 AS BOOK 33039 PAGE 206 OF OFFICIAL RECORDS.

(5) ABUTTER'S RIGHTS OF INGRESS AND EGRESS TO OR FROM A PUBLIC STREET OR HIGHWAY HAVE BEEN RELINQUISHED IN THE DOCUMENT RECORDED JUNE 8, 1959 AS BOOK D-494 PAGE 216 OF OFFICIAL RECORDS.

(6) AN EASEMENT FOR ROADS AND INCIDENTAL PURPOSES IN THE DOCUMENT RECORDED JULY 27, 1962 AS INSTRUMENT NO. 4154 OF OFFICIAL RECORDS.

SURVEYOR'S STATEMENT:

THE SURVEY ON WHICH THIS VESTING TENTATIVE MAP IS BASED WAS DONE BY ME, OR UNDER MY DIRECTION. FIELDWORK WAS COMPLETED ON JUNE 29, 2023.

DANE P. MCDOUGALL, L.S. 9297

PROFESSIONAL LAND SURVEYOR · DANE P. MCDOUGALL · L.S. 9297 · STATE OF CALIFORNIA

ENGINEER'S STATEMENT:

THIS VESTING TENTATIVE MAP WAS PREPARED BY ME, OR UNDER MY DIRECTION ON APRIL 17, 2024.

DANE P. MCDOUGALL, R.C.E. 80705

REGISTERED PROFESSIONAL ENGINEER · DANE P. MCDOUGALL · C 80705 · CIVIL · STATE OF CALIFORNIA

PREPARED BY:

C&V CONSULTING, INC.
CIVIL ENGINEERING
LAND PLANNING & SURVEYING
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(949) 916-3800
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WWW.CVC-INC.NET

PREPARED FOR:

BRANDYWINE HOMES
BRANDYWINE HOMES
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IRVINE, CA 92614
(949) 296-2400

CITY OF PICO RIVERA
COMMUNITY DEVELOPMENT DEPARTMENT

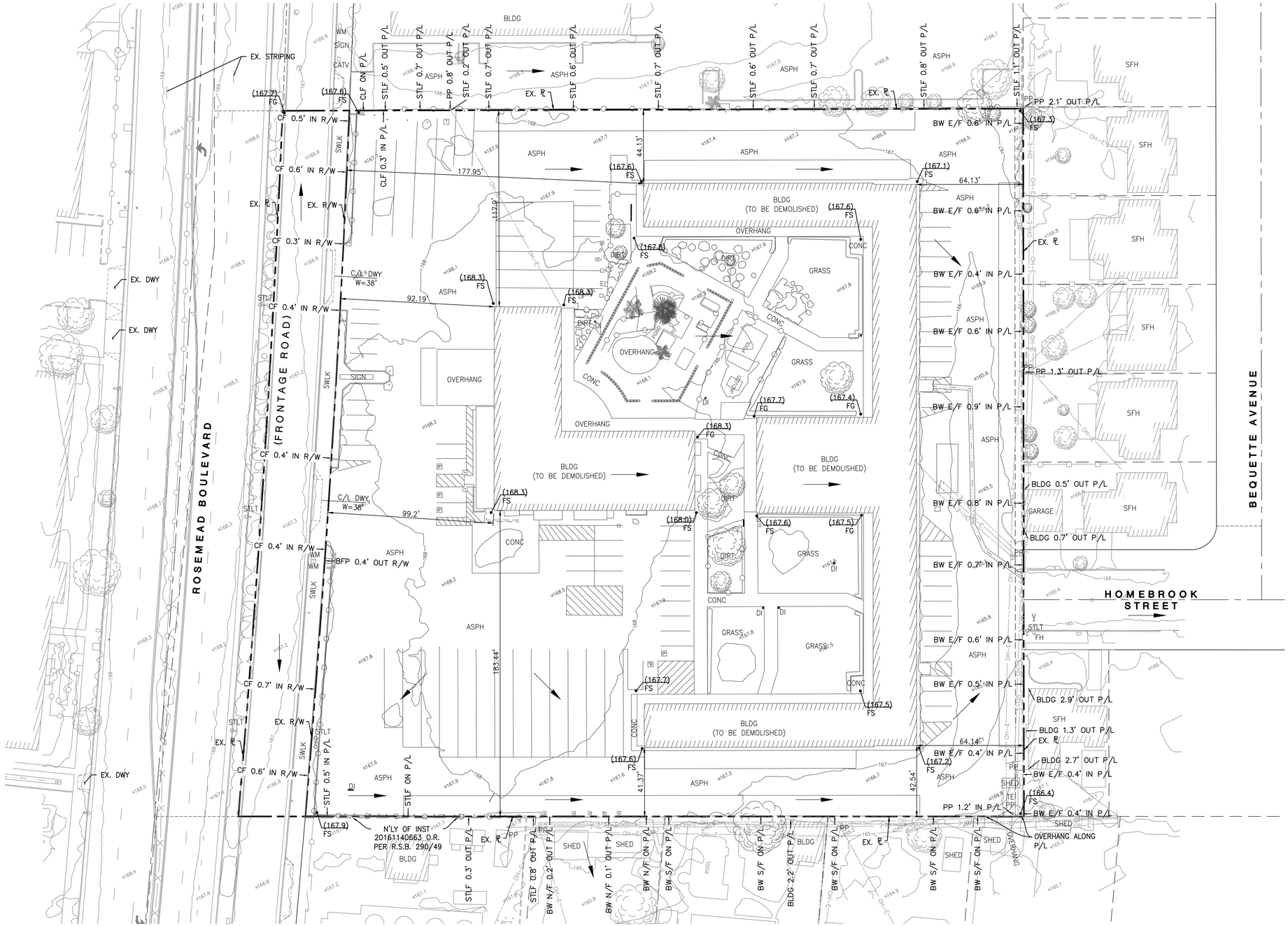
VESTING TENTATIVE TRACT MAP NO. 84271
VESTING TENTATIVE TRACT MAP
6540 ROSEMEAD BOULEVARD
PICO RIVERA, CALIFORNIA 90660

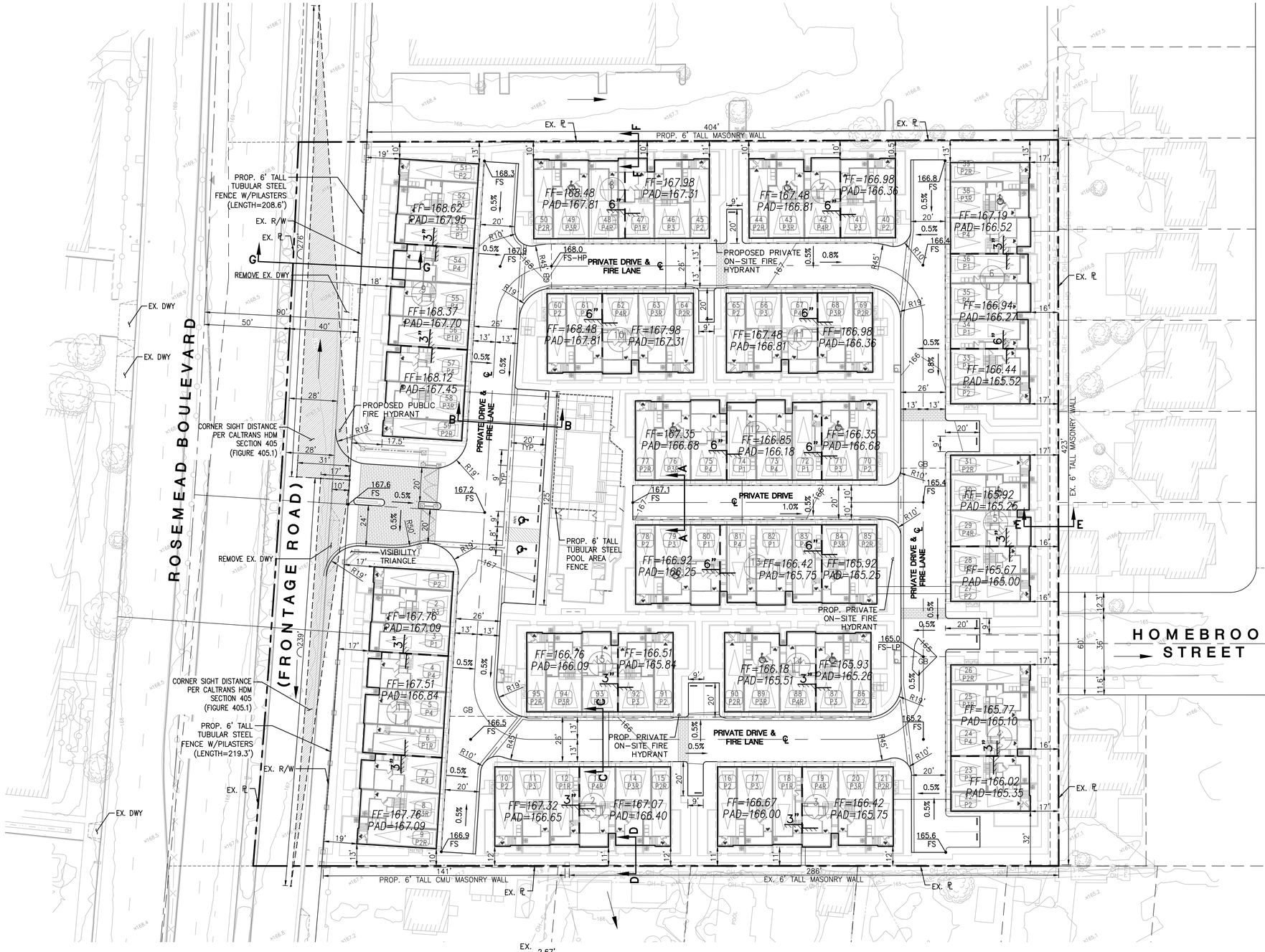
PROJECT NO. BWHX-048

SHEET C1 OF C5

PLAN SET: PSD4
DATE: 4/17/2024

J:\PLUS\BWX-048\DWG\SHEETS\VTM\VTM-01-TS.DWG
BY: MICHAEL REYES


ROSEMEAD BOULEVARD (FRONTAGE ROAD)
BEQUETTE AVENUE
HOMEBROOK STREET
EX. STRIPING
EX. DWY
EX. DWY
EX. DWY
CF 0.5' IN R/W
CF 0.6' IN R/W
CF 0.3' IN R/W
CF 0.4' IN R/W
CF 0.4' IN R/W
CF 0.4' IN R/W
CF 0.7' IN R/W
CF 0.6' IN R/W
BFP 0.4' OUT R/W
CLF ON P/L
CLF 0.3' IN P/L
STLF 0.5' OUT P/L
STLF 0.7' OUT P/L
PP 0.8' OUT P/L
STLF 0.2' OUT P/L
STLF 0.7' OUT P/L
STLF 0.6' OUT P/L
STLF 0.7' OUT P/L
STLF 0.6' OUT P/L
STLF 0.7' OUT P/L
STLF 0.8' OUT P/L
STLF 1.1' OUT P/L
PP 2.1' OUT P/L
PP 1.3' OUT P/L
BLDG 0.5' OUT P/L
BLDG 0.7' OUT P/L
BLDG 2.9' OUT P/L
BLDG 1.3' OUT P/L
BLDG 2.7' OUT P/L
PP 1.2' IN P/L
BW E/F 0.6' IN P/L
BW E/F 0.4' IN P/L
BW E/F 0.6' IN P/L
BW E/F 0.6' IN P/L
BW E/F 0.9' IN P/L
BW E/F 0.8' IN P/L
BW E/F 0.7' IN P/L
BW E/F 0.6' IN P/L
BW E/F 0.5' IN P/L
BW E/F 0.4' IN P/L
BW E/F 0.4' IN P/L
BW E/F 0.4' IN P/L
BW N/F 0.1' OUT P/L
BW N/F ON P/L
BW S/F ON P/L
BW S/F ON P/L
BW S/F ON P/L
BW S/F ON P/L
STLF 0.3' OUT P/L
STLF 0.8' OUT P/L
BW N/F 0.2' OUT P/L
BLDG 2.2' OUT P/L
OVERHANG ALONG P/L
N'LY OF INST 20161140663 O.R. PER R.S.B. 290/49
C/L DWY W=38'
C/L DWY W=38'
177.95'
117.9'
44.13'
64.13'
92.19'
99.2'
183.44'
41.37'
64.14'
42.54'
BLDG (TO BE DEMOLISHED)
BLDG (TO BE DEMOLISHED)
BLDG (TO BE DEMOLISHED)
BLDG (TO BE DEMOLISHED)
OVERHANG
OVERHANG
OVERHANG
OVERHANG
ASPH
ASPH
ASPH



BUILDING SUMMARY:

MULTI–FAMILY DWELLING

5–PLEX BLDG 4, 5, 7, 10, 11, 14 & 15
BUILDING AREA: 12,282 FT
CONSTRUCTION TYPE: VB

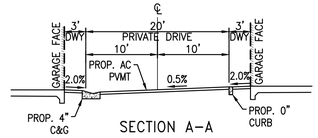
6–PLEX BLDG 2, 3 & 8
BUILDING AREA: 14,591 FT
CONSTRUCTION TYPE: VB

8–PLEX BLDG 6, 12 & 13
BUILDING AREA: 17,662 FT
CONSTRUCTION TYPE: VB

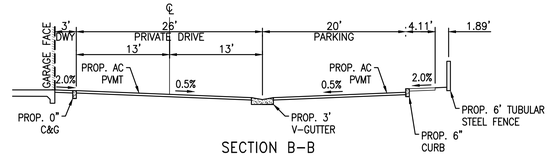
9–PLEX BLDG 1 & 9
BUILDING AREA: 22,564 FT
CONSTRUCTION TYPE: VB

NOTE
ALL PROPOSED GATES SHALL BE EQUIPPED WITH A FIRE DEPARTMENT APPROVED LOCKING DEVICE

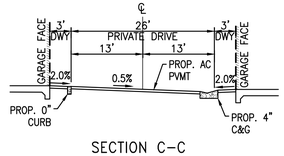
NOTE
PROPOSED DEVELOPMENT WILL BE EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM , WHICH SHALL BE IN COMPLIANCE WITH CURRENT LA COUNTY FIRE AND BUILDING CODES, TO RECIEVE APPLICABLE FIRE FLOW REDUCTIONS. THIS INFORMATION IS REQUIRED IN ORDER TO APPLY ALLOWABLE REDUCTIONS IN THE REQUIRED FIRE FLOW PER THE COUNTY OF LOS ANGELES FIRE CODE APPENDIX B. FIRE CODE 507.3 & APPENDIX B105.1



SECTION A–A
20' PRIVATE DRIVE
NOT TO SCALE

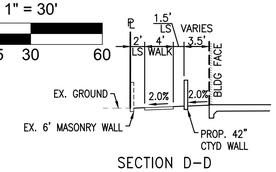


SECTION B–B
26' PRIVATE DRIVE W/PARKING
NOT TO SCALE

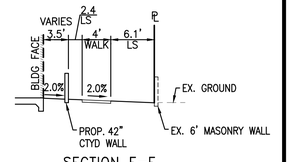


SECTION C–C
26' PRIVATE DRIVE
NOT TO SCALE

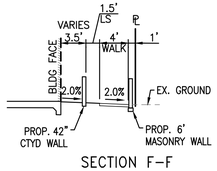
1" = 30'
0 15 30 60



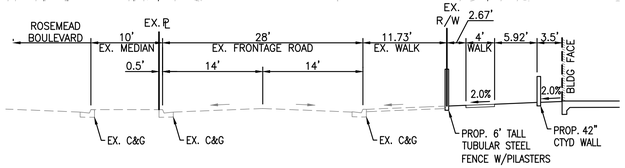
SECTION D–D
SOUTHERN BOUNDRY
NOT TO SCALE



SECTION E–E
EASTERN BOUNDARY
NOT TO SCALE



SECTION F–F
NORTHERN BOUNDARY
NOT TO SCALE



SECTION G–G
ROSEMEAD BOULEVARD
NOT TO SCALE

PREPARED BY:

C&V CONSULTING, INC.
CIVIL ENGINEERING
LAND PLANNING & SURVEYING
9830 IRVINE CENTER DRIVE
IRVINE, CALIFORNIA 92618
(949) 916-3800
INFO@CVC-INC.NET
WWW.CVC-INC.NET

PREPARED FOR:

BRANDYWINE HOMES
BRANDYWINE HOMES
2355 MAIN STREET, SUITE 220
IRVINE, CA 92614
(949) 296-2400

CITY OF PICO RIVERA
COMMUNITY DEVELOPMENT DEPARTMENT

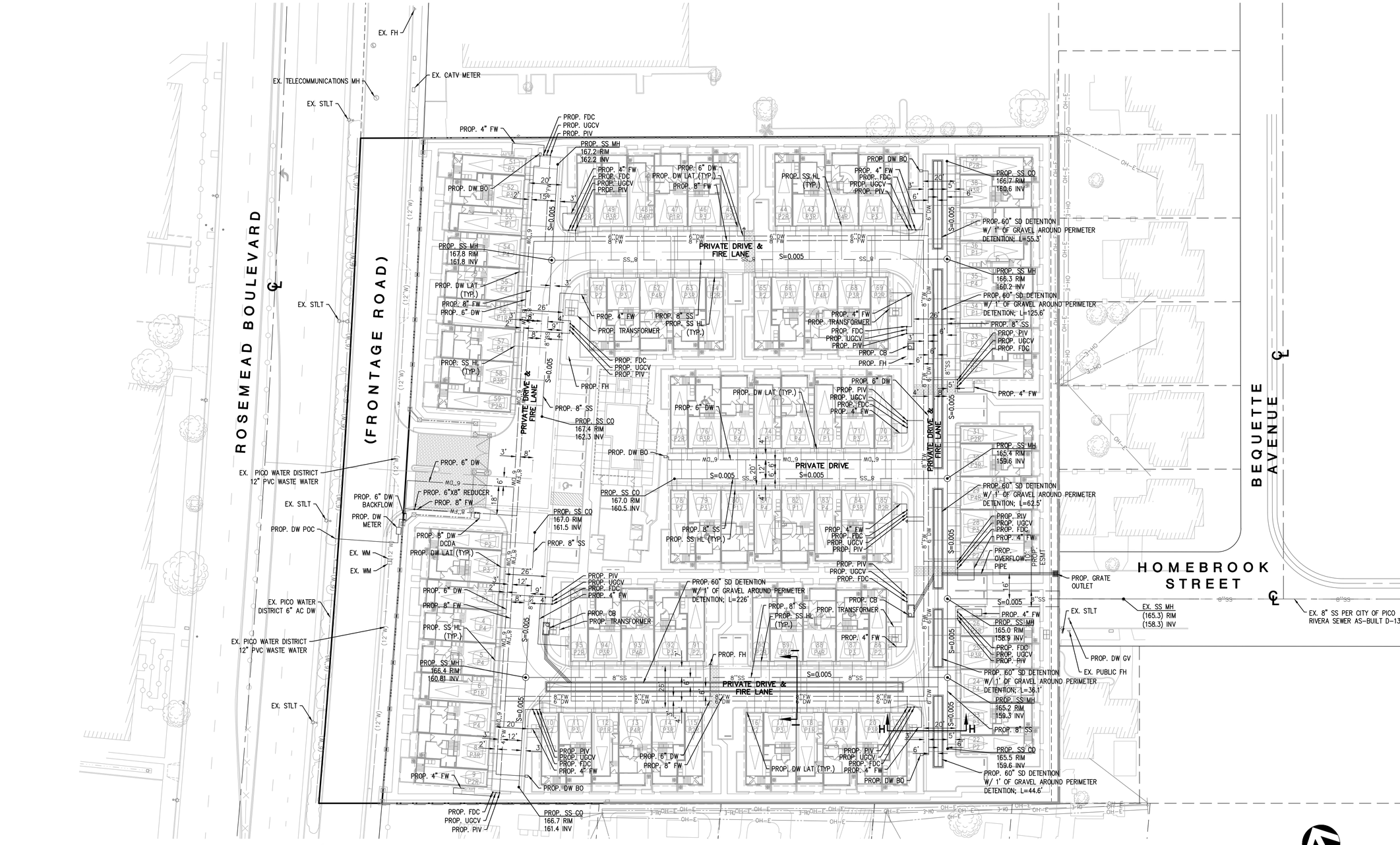
VESTING TENTATIVE TRACT MAP NO. 84271
PRELIMINARY GRADING PLAN
6540 ROSEMEAD BOULEVARD
PICO RIVERA, CALIFORNIA 90660

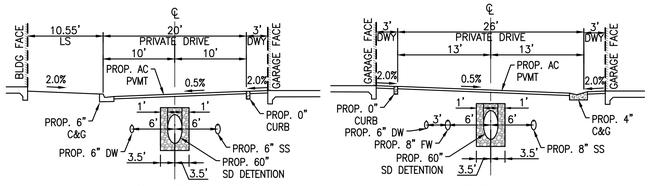
PROJECT NO. BWHX-048

SHEET C3 OF C5

PLAN SET: PSDM
DATE: 4/17/2024

P:\BWHX-048\GRADING\SHEETS\BWHX-03-GRADING
BY: MICHAEL REYES





SECTION H–H
TYPICAL 20' PRIVATE DRIVE
W/SD DETENTION CHAMBER
NOT TO SCALE

SECTION I–I
TYPICAL 26' PRIVATE DRIVE
W/SD DETENTION CHAMBER
NOT TO SCALE

1" = 30'

0 15 30 60

PREPARED BY:

C&V CONSULTING, INC.
CIVIL ENGINEERING
LAND PLANNING & SURVEYING
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CITY OF PICO RIVERA
COMMUNITY DEVELOPMENT DEPARTMENT

VESTING TENTATIVE TRACT MAP NO. 84271
PRELIMINARY UTILITY PLAN
6540 ROSEMEAD BOULEVARD
PICO RIVERA, CALIFORNIA 90660

PROJECT NO.
BWHX-048

SHEET
C4
OF
C5

PLAN SET: PDSA
DATE: 4/17/2024
P:\PJ\BWHX-048\DWG\SHEETS\PM\PM-04-UTIL.DWG
BY: MICHAEL RICES

PROJECT GENERAL NOTES:

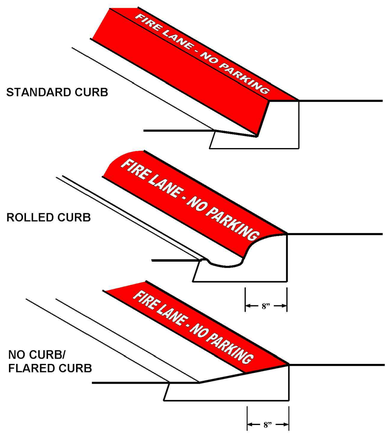
1. ALL FIRE ACCESS LANES MEET LACoFD MINIMUM REQUIREMENTS 19' & 45' RADII.
2. THIS PROJECT DOES NOT HAVE ANY FUEL MODIFICATION OR WILD LAND EXPOSURES AND IS NOT IN A VERY HIGH FIRE HAZARD ZONE.
3. THIS PROJECT IS DESIGNED IN CONFORMANCE WITH THE CBC, 2022 EDITION.
4. ALL FIRE ACCESS ROADS SHALL BE ALL WEATHER, MEET THE CRITERIA OF AN ALL WEATHER DRIVING SURFACE AND COMPLY WITH LACoFD GUIDELINE FOR FIRE APPARATUS ROADS.
5. THE BUILDING HEIGHTS ARE APPROXIMATELY 39'-9" FEET MAX.
6. ALL BUILDINGS ON THE SITE WILL BE SPRINKLERED PER FULL NFPA-13.
7. APPROVEED BUILDING ADDRESS NUMBERS, BUILDING NUMBERS OR APPROVED BUILDING IDENTIFICATION SHALL BE PROVIDED AND MAINTAINED SO AS TO BE PLAINLY VISIBLE AND LEGIBLE FROM THE STREET FRONTING THE PROPERTY. THE NUMBERS SHALL CONTRAST WITH THEIR BACKGROUND, BE ARABIC NUMBERS OR ALPHABET LETTERS, AND BE A MINIMUM OF 4 INCHES HIGH AND A MINIMUM STROKE WIDTH OF 0.5 INCH. FIRE CODE 505.1
8. A KEY BOX SHALL BE PROVIDED AT THE MAIN ENTRANCE, IN ACCORDANCE WITH FIRE CODE 902.4, AND AS SET FORTH IN FIRE DEPARTMENT REGULATION 5.
9. THE REQUIRED FIRE FLOW FOR THE FIRE HYDRANTS AT THIS LOCATION IS ____ GALLONS PER MINUTE, AT __ PSI RESIDUAL PRESSURE, FOR A DURATION OF __ HOURS OVER AND ABOVE MAXIMUM DAILY DOMESTIC DEMAND. FIRE CODE 507.3 AND APPENDIX B105.1 APPENDIX B.
10. ALL FIRE HYDRANTS SHALL MEASURE 6"x4"x2-1/2", BRASS OR BRONZE, CONFORMING TO AMERICAN WATER WORKS ASSOCIATION STANDARD C503, OR APPROVED EQUAL; AND SHALL BE INSTALLED IN COMPLIANCE WITH FIRE DEPARTMENT REGULATION 8. FIRE CODE 903.2.1
11. ALL ON-SITE FIRE HYDRANTS SHALL BE INSTALLED, TESTED AND APPROVED PRIOR TO BUILDING OCCUPANCY. FIRE CODE 1001.4
12. THE INSPECTION, HYDROSTATIC TEST AND FLUSHING OF THE UNDERGROUND FIRE PROTECTION PIPING SHALL BE WITNESSED BY AN AUTHORIZED FIRE DEPARTMENT REPRESENTATIVE AND NO UNDERGROUND PIPING OR THRUST BLOCKS SHALL BE COVERED WITH EARTH OR HIDDEN FROM VIEW UNTIL THE FIRE DEPARTMENT REPRESENTATIVE HAS BEEN NOTIFIED AND GIVEN NOT LESS THAN 48 HOURS IN WHICH TO INSPECT SUCH INSTALLATIONS. FIRE CODE 1001.4

FIRE ACCESS PLAN NOTES:

1. FIRE DEPARTMENT VEHICULAR ACCESS ROADS MUST BE INSTALLED AND MAINTAINED IN A SERVICEABLE MANNER THROUGHOUT CONSTRUCTION TO ALL FIRE HYDRANTS. ALL REQUIRED FIRE HYDRANTS SHALL BE INSTALLED, TESTED, AND ACCEPTED PRIOR TO CONSTRUCTION.
2. PROVIDE APPROVED SIGNS OR OTHER APPROVED NOTICES OR MARKINGS THAT INCLUDE THE WORDS "NO PARKING – FIRE LANE". SIGNS SHALL HAVE A MINIMUM DIMENSION OF 12 INCHES WIDE BY 18 INCHES HIGH AND HAVE RED LETTERS ON A WHITE REFLECTIVE BACKGROUND. SIGNS SHALL BE PROVIDED FOR FIRE APPARATUS ACCESS ROADS, TO CLEARLY INDICATE THE ENTRANCE TO SUCH ROAD, OR PROHIBIT THE OBSTRUCTION THEREOF AND AT INTERVALS, AS REQUIRED BY THE FIRE INSPECTOR.
3. WHEN SECURITY GATES ARE PROVIDED, MAINTAIN A MINIMUM ACCESS WIDTH OF 26 FEET. THE SECURITY GATE SHALL BE PROVIDED WITH AN APPROVED MEANS OF EMERGENCY OPERATION, AND SHALL BE MAINTAINED OPERATIONAL AT ALL TIMES AND REPLACED OR REPAIRED WHEN DEFECTIVE. ELECTRIC GATE OPERATORS, WHERE PROVIDED, SHALL BE LISTED IN ACCORDANCE WITH UL 325. GATES INTENDED FOR AUTOMATIC OPERATION SHALL BE DESIGNED, CONSTRUCTED AND INSTALLED TO COMPLY WITH THE REQUIREMENTS OF ASTM F220. GATES SHALL BE SWINGING OR SLIDING TYPE. CONSTRUCTION OF GATES SHALL BE OF MATERIALS THAT ALLOW MANUAL OPERATION BY ONE PERSON. FIRE CODE 503.6. (NO ENTRY GATE PROPOSED ON THIS PROJECT.)
4. ALL FIRE HYDRANTS SHALL MEASURE 6"x4"x2-1/2", BRASS OR BRONZE, CONFORMING TO AMERICAN WATER WORKS ASSOCIATION STANDARD C503, OR APPROVED EQUAL; AND SHALL BE INSTALLED IN COMPLIANCE WITH THE COUNTY OF LOS ANGELES FIRE DEPARTMENT REGULATION 8. FIRE CODE 903.2.1.
5. PROVIDE AN AUTOMATIC FIRE SPRINKLER SYSTEM AS SET FORTH BY BUILDING CODE 903 AND FIRE CODE 903. PLANS SHALL BE SUBMITTED TO THE SPRINKLER PLAN CHECK UNIT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. TYPE OF FIRE SPRINKLER SYSTEM: 903.3.1.3.
6. DUMPSTERS AND CONTAINERS WITH AN INDIVIDUAL CAPACITY OF 1.5 CUBIC YARDS OR MORE SHALL NOT BE STORED IN BUILDINGS OR PLACED WITHIN 5 FEET OF COMBUSTIBLE WALLS, OPENINGS OR COMBUSTIBLE ROOF EAVES, UNLESS AREAS CONTAINING DUMPSTERS OR CONTAINERS ARE PROTECTED BY AN APPROVED AUTOMATIC FIRE SPRINKLER SYSTEM. FIRE CODE 304.3.3.
7. FIRE APPARATUS ACCESS ROADS SHALL BE IDENTIFIED WITH APPROVED SIGNS. TEMPORARY SIGNS SHALL BE INSTALLED AT EACH STREET INTERSECTION WHEN CONSTRUCTION OF NEW ROADWAYS ALLOWS PASSAGE BY VEHICLES. SIGNS SHALL BE OF AN APPROVED SIZE, WEATHER RESISTANT AND BE MAINTAINED UNTIL REPLACED BY PERMANENT SIGNS. FIRE CODE 505.2.

ATTACHMENT 9

Fire Lane Identification – Red Curbs

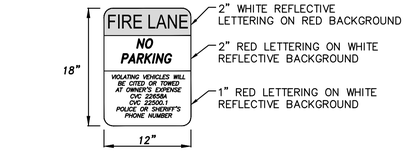


1. Fire lane entrance sign(s) shall also be provided per Attachment 10 or 11.
2. Curbs shall be painted OSHA safety red.
3. "FIRE LANE – NO PARKING" shall be painted on top of curb in 3" white lettering at a spacing of 30' on center or portion thereof.

1. CURBS SHALL BE PAINTED RED
2. "FIRE LANE – NO PARKING" SHALL BE PAINTED ON TOP OF CURB IN 3" WHITE LETTERING AT A SPACING OF 30' ON CENTER OR PORTION THEREOF.

2 **RED CURB PAVEMENT MARKING**
NOT TO SCALE

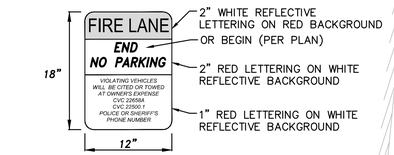
NOTE
ALL PROPOSED GATES SHALL BE EQUIPPED WITH A FIRE DEPARTMENT APPROVED LOCKING DEVICE



ALL SIGN AND LETTERING DIMENSIONS ARE MINIMUMS.

SIGNS SHALL BE SECURELY MOUNTED FACING THE DIRECTION OF TRAVEL AND CLEARLY VISIBLE TO ONCOMING TRAFFIC ENTERING THE DESIGNATED AREA. SIGNS SHALL BE MADE OF DURABLE MATERIAL.

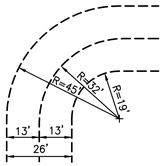
1 **NO PARKING SIGN**
NOT TO SCALE



ALL SIGN AND LETTERING DIMENSIONS ARE MINIMUMS.

SIGNS SHALL BE SECURELY MOUNTED FACING THE DIRECTION OF TRAVEL AND CLEARLY VISIBLE TO ONCOMING TRAFFIC ENTERING THE DESIGNATED AREA. SIGNS SHALL BE MADE OF DURABLE MATERIAL.

3 **BEGIN & END NO PARKING SIGN OR BEGIN (PER PLAN)**
NOT TO SCALE



FIRE LANE TURNING RADIUS
TYPICAL DETAIL
NOT TO SCALE

CONSTRUCTION NOTES:

1. INSTALL "FIRE LANE" SIGN PER DETAIL 1 HEREON.
2. FIRE LANE IDENTIFICATION-RED CURBS PER DETAIL 2 HEREON.
3. INSTALL "FIRE LANE" SIGN BEGIN OR END PER DETAIL 3 HEREON.
4. INSTALL PROPOSED PUBLIC FIRE HYDRANT.
5. INSTALL PROPOSED PRIVATE FIRE HYDRANT.

PROPOSED EASEMENTS:

A INDICATES AN EASEMENT FOR INGRESS AND EGRESS FOR EMERGENCY AND PUBLIC SERVICE VEHICLES

LACFD NOTE:
UNDERGROUND PIPING PLANS FOR THE REQUIRED 2 PUBLIC FIRE HYDRANTS AND 3 PRIVATE FIRE HYDRANTS SHALL BE SUBMITTED FROM THE LOCAL WATER PURVEYOR THROUGH EPICLA.LACOUNTY.GOV TO THE COUNTY OF LOS ANGELES FIRE DEPARTMENT FIRE PREVENTION DIVISION LAND DEVELOPMENT UNIT AND REFERENCE FLDU2023006269, FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION

LEGEND

- EXISTING STREET LIGHT
- PROPOSED FIRE TRUCK ACCESS
- EX. POWER POLE
- PROPOSED SIGN
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- FIRE TRUCK
- HOSE PULL
- PROPERTY LINE
- RED CURB STRIPING

ABRIEVIATIONS

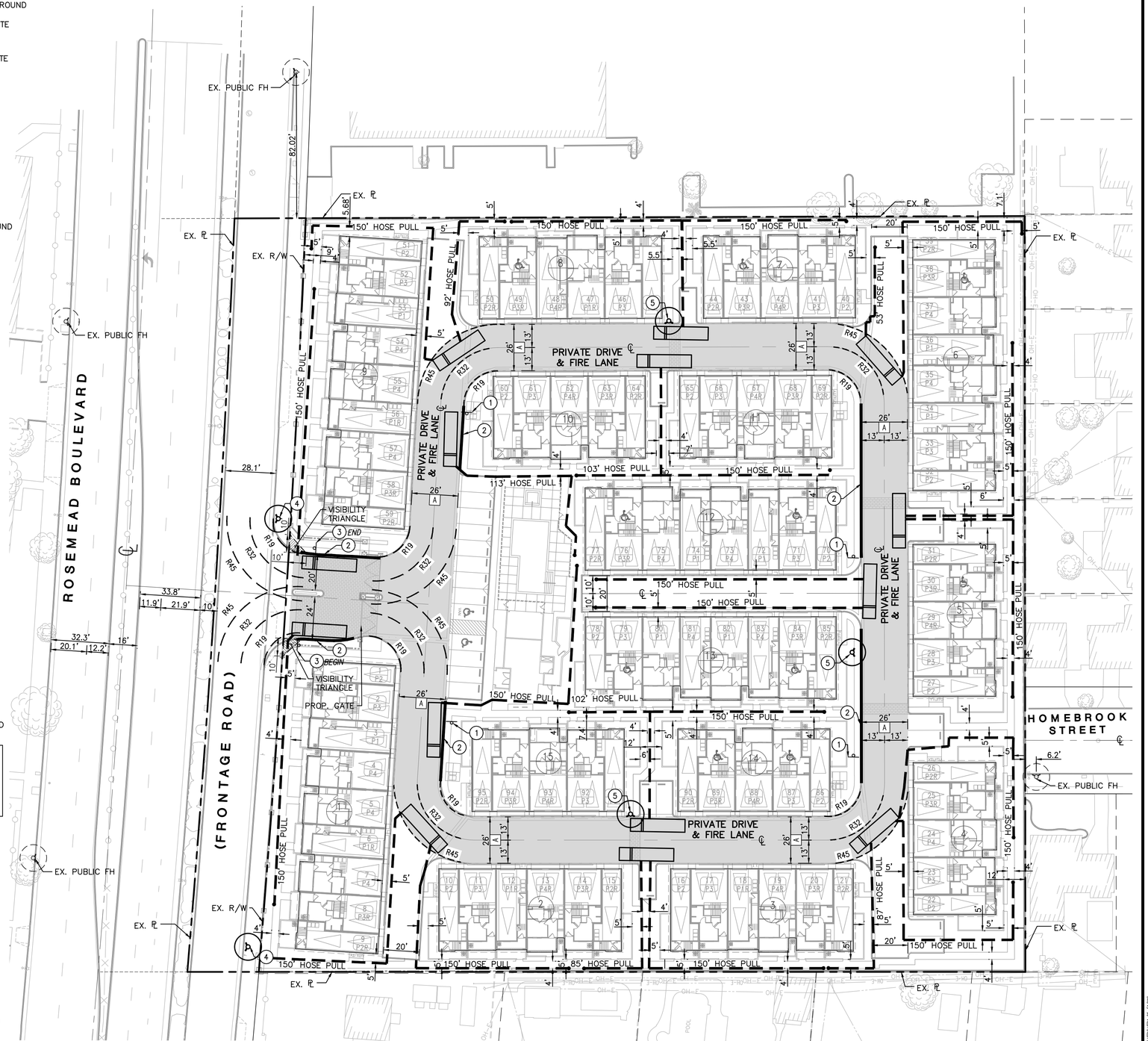
FH	FIRE HYDRANT
PR.	PROPOSED
EX	EXISTING
PL	PROPERTY LINE
R/W	RIGHT OF WAY
TYP.	TYPICAL
BLDG	BUILDING

1" = 30'
0 15 30 60

NOTE
PROPOSED DEVELOPMENT WILL BE EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM , WHICH SHALL BE IN COMPLIANCE WITH CURRENT LA COUNTY FIRE AND BUILDING CODES, TO RECIEVE APPLICABLE FIRE FLOW REDUCTIONS. THIS INFORMATION IS REQUIRED IN ORDER TO APPLY ALLOWABLE REDUCTIONS IN THE REQUIRED FIRE FLOW PER THE COUNTY OF LOS ANGELES FIRE CODE APPENDIX B. FIRE CODE 507.3 & APPENDIX B105.1

SITE INFORMATION

1. LARGEST BLDG SQ. FOOTAGE (9-PLEX BLDG) = 22,564 SQ. FT.
2. CONSTRUCTION TYPE: VB
3. FIRE SPRINKLER SYSTEM TYPE: 13R



PREPARED BY:

C&V CONSULTING, INC.
CIVIL ENGINEERING
LAND PLANNING & SURVEYING
9830 IRVINE CENTER DRIVE
IRVINE, CALIFORNIA 92618
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PREPARED FOR:

BRANDYWINE HOMES
BRANDYWINE HOMES
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IRVINE, CA 92614
(949) 296-2400

CITY OF PICO RIVERA
COMMUNITY DEVELOPMENT DEPARTMENT

PROJECT NO. BWHX-048

VESTING TENTATIVE TRACT MAP NO. 84271
PRELIMINARY FIRE ACCESS & HYDRANT LOCATION PLAN
6540 ROSEMEAD BOULEVARD
PICO RIVERA, CALIFORNIA 90660

SHEET C5 OF C5

PLAN SIZE: 22x34 | DATE: 12/13/2024 | BY: MICHAEL REYES | J:\PROJECTS\BWHX-048\CIVIL\EXHIBITS\FIRE\BWHX-048-FIRE.DWG

CATEGORICAL EXEMPTION AND ENVIRONMENTAL ASSESSMENT

ROSEMEAD TOWNHOMES
6540 ROSEMEAD BOULEVARD
PICO RIVERA, CALIFORNIA 90660

LEAD AGENCY:

CITY OF PICO RIVERA
COMMUNITY AND ECONOMIC DEVELOPMENT DEPARTMENT
6615 PASSONS BOULEVARD
PICO RIVERA, CALIFORNIA 90660

REPORT PREPARED BY:

BLODGETT BAYLOSIS ENVIRONMENTAL PLANNING
2211 S. HACIENDA BOULEVARD, SUITE 107
HACIENDA HEIGHTS, CALIFORNIA 91745

APRIL 11, 2024

PICO 049

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APPENDICES (UNDER A SEPARATE COVER)

Appendix A – Air Quality Report
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Appendix C – Traffic Impact Study
Appendix D – Phase I and II Environmental Site Assessment

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CATEGORICAL EXEMPTION

TO: Los Angeles County Registrar Recorder
Los Angeles County Clerk, Main Office
12400 Imperial Highway
Norwalk, California 90650

FROM: City of Pico Rivera
Community and Economic Development Department.
6615 Passons Boulevard
Pico Rivera, California 90660

NAME: Rosemead Townhomes.

ADDRESS: 6540 Rosemead Boulevard, Pico Rivera, California, 90660.

CITY/COUNTY: City of Pico Rivera, Los Angeles County.

APPLICANT: Chris Courtney, Brandywine Homes, 16580 Aston Road, Irvine, California 92606.

PROJECT: The City of Pico Rivera, in its capacity as a Lead Agency, is reviewing an application that would include a Conditional Use Permit and Vesting Tentative Tract Map that would include the construction of 95 townhome units within a 4.04-acre site located at 6540 Rosemead Boulevard. The site is currently occupied by a two level motel (the Knights Inn Hotel) consisting of 100 guest rooms and other amenities. The existing onsite improvements would be demolished to accommodate the proposed new residential development. The new residential development would consist of 16 new buildings including 7, five-plex buildings (each building would contain 5 residential units); 3, six-plex buildings (each building would contain 6 units; 3, eight-plex buildings (each building would contain 8 units; 2, nine-plex buildings (each building would contain 9 units); and an amenity building. The 15 residential buildings would contain 3 levels and the amenity building would consist of a single level. The 95-residential units would consist of four floor plans (referred to as Plan 1, Plan 2, Plan 3, and Plan 4). Plans 1 and 2 would consist of 2 bedrooms and 2 ½ baths, Plan 3 would consist of 3 bedrooms and 3 ½ baths, and Plan 4 would consist of 4 bedrooms and 3 ½ baths. The proposed project would provide a total of 202 parking spaces including 190 enclosed garage spaces for residents and 24 parking spaces for guests. Common open space would total 25,047 square feet. Vehicular access would be provided by a gated driveway with the west side of Rosemead Boulevard. The internal drive aisles are 26-feet in width and consists of two travel lanes. The project site's zoning designation is *General Commercial (G-C)*.

EXEMPTION: The project qualifies as exempt pursuant to CEQA Guidelines Section 15332 (Class 32 Infill Development Exemption).

STATUS:

___ Ministerial (Section 21080 (b)(1); (Section No. _____);
___ Declared Emergency (Section 21080 (b)(3); (Section No. _____);
___ Emergency Project (Section 21080 (b)(4); (Section No. _____);
___ Statutory Exemption (Section No. _____);
√ Categorical Exemption Section No. 15332, Infill Exemption).
___ The activity is not subject to CEQA (Section No. _____);
___ Other.

CITY CONTACT Aneli Gonzalez, Assistant Planner
City of Pico Rivera Community and Economic Development Department
6615 Passons Boulevard
Pico Rivera, California. 90660

Signature_____ Date: _____

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1.0 INTRODUCTION

The City of Pico Rivera, in its capacity as a Lead Agency, is reviewing an application of a Conditional Use Permit and Vesting Tentative Tract Map that would involve the construction of 95 townhome units within the 4.04-acre site located at 6540 Rosemead Boulevard. The site is currently occupied by a two level motel (the Knights Inn Hotel) consisting of 100 guest rooms, a restaurant, and other amenities. The existing onsite improvements would be demolished to accommodate the proposed new townhome development. The new residential development would consist of 16 new buildings including 7, five-plex buildings (each building would contain 5 units); 3, six-plex buildings (each building would contain 6 units; 3, eight-plex buildings (each building would contain 8 units; 2, nine-plex buildings (each building would contain 9 units); and an amenity building. The 15 residential buildings would contain 3 levels and the amenity building would consist of a single level. The 95-residential units would consist of four floor plans (referred to as Plan 1, Plan 2, Plan 3, and Plan 4). Plans 1 and 2 would consist of 2 bedrooms and 2 ½ baths, Plan 3 would consist of 3 bedrooms and 3 ½ baths, and Plan 4 would consist of 4 bedrooms and 3 ½ baths. The proposed project would provide a total of 202 parking spaces including 190 enclosed garage spaces for residents and 24 parking spaces for guests. Common open space would total 25,047 square feet. Vehicular access would be provide by a gated driveway access with the east side of Rosemead Boulevard. The internal drive aisles would be 26-feet in width and consists of two travel lanes. The project site's zoning designation *is General Commercial (G-C)*. The project site's address is 6540 Rosemead Boulevard, in the City of Pico Rivera.[1]

Pursuant to the California Environmental Quality Act (CEQA) Guidelines, a Notice of Exemption (NOE) may be filed if the City of Pico Rivera, in its capacity as the Lead Agency for the proposed project, determines that a proposed action or project is exempt from CEQA. According to the CEQA Guidelines, a NOE must contain the following information:

- A description of the proposed action or project;
- A finding that the proposed action or project is exempt, including a citation of the State CEQA Guidelines section or statute under which the project is found to be exempt; and,
- A brief statement in support of the finding.[2]

The analyses of potential impacts that support the Categorical Exemption's (CE's) findings are provided herein in Section 5.0, Findings Supporting the Applicable CEQA Exemption. This CE and the supporting environmental analysis represent the City's independent judgment and the position of the City of Pico Rivera, in its capacity as the Lead Agency. The project Applicant is Chris Courtney, Brandywine Homes, 16580 Aston Road, Irvine, California 92606.

2.0 PROJECT LOCATION

The project site is located within the central portion of the City of Pico Rivera. Pico Rivera is located in southeastern Los Angeles County, approximately 10 miles southeast of downtown Los Angeles. Pico Rivera is bounded by the City of Downey on the south, the City of Montebello on the west, the Whittier Narrows Regional Park on the north, and the City of Whittier and the City of Santa Fe Springs on the east.[3] Major physiographic features in the surrounding area include the Rio Hondo River located approximately 4,000

[1] Danielian Associates Architects and Planners. *Brandywine Homes. 6540 Rosemead Boulevard] Architectural Site Plan*. January 1, 2023.
[2] CEQA Guidelines California Code of Regulations, Title 14, Division 6, Chapter 3, Article 19. Categorical Exemptions. (Section 15332).
[3] United States Geological Survey. *Whittier 7½ Minute Quadrangle. Photo revised 1994.*

feet to the west, the San Gabriel River located approximately 1.06 miles to the east, the Montebello Hills located approximately 2.6 miles to the northwest, and the Puente Hills located approximately 4.5 miles to the northeast.[4] The location of the City of Pico Rivera in a regional context, is shown in Exhibit 1. A citywide map is provided in Exhibit 2 indicating the site's location in the City.

The project site is located on the east side of Rosemead Boulevard. The site's address is 6540 Rosemead Boulevard. The Assessor's Parcel Number (APN) that is applicable to the project site is 6378-017-004. The project site is located approximately 1.17 miles south of Whittier Boulevard and 1,455 feet north of Washington Boulevard. The project site's latitude and longitude are 33°98'58.29"N; -118°09'40.81"N. A local map is provided in Exhibit 3. An aerial photograph of the project site is shown in Exhibit 4.

3.0 ENVIRONMENTAL SETTING

The project site is located on a developed property that is currently designated as *General Commercial (G-C)* which permits Multiple Family Residential developments under the City of Pico Rivera Zoning Ordinance. The site is currently occupied by a two level motel (the Knights Inn Hotel) that consists of 100 guest rooms and other amenities. Within the paved portions of the project site, surface water is collected in stormwater drains and culverts, and is diverted to the sanitary sewer. On the unpaved portions of the project site, surface runoff infiltrates (percolates)into the ground surface. Approximately 90% of the site is covered over in impervious surfaces (buildings and parking areas). An aerial photograph of the project site is provided in Exhibit 4. Photographs of the project site are provided in Exhibit 5. The surrounding land uses include the following:[5]

- *North of the Site:* A two level office building is located to the north of the site (6500 Rosemead Boulevard). This existing building is occupied by the United Auto Workers (UAW) Region 6. This area is zoned as *General Commercial (C-G)*.[6]
- *South of the Site:* A water well (Well No. 11) operated by Pico Water District, is located to the south of the site. A liquor store (6616 Rosemead Boulevard) is located on the northwest corner of Rosemead Boulevard and Carron Drive. Single-family homes are located further east, on the north site of Carron Drive. These homes have frontage along the north side of Carron Drive. This area is zoned as *Single-Family Residential (S-F)* and *General Commercial (C-G).*
- *West of the Site:* The Rosemead Boulevard right-of-way (ROW) extends along the project site's west side. Various office uses and the Pico Rivera Gardens housing complex are located further west, along the west side of Rosemead Boulevard. This area is zoned as *Professional Administrative (P-A)*.[7]
- *East of the Site:* Single-family homes are located to the east of the site. These homes have frontage on Bequette Avenue. This area is zoned as *Single-Family Residential (S-F)*.[8]

[4] Google Maps and City of Pico Rivera Zoning Map. Website accessed on March 11, 2024.

[5] Ibid.

[6] Ibid.

[7] Ibid.

[8] Ibid.

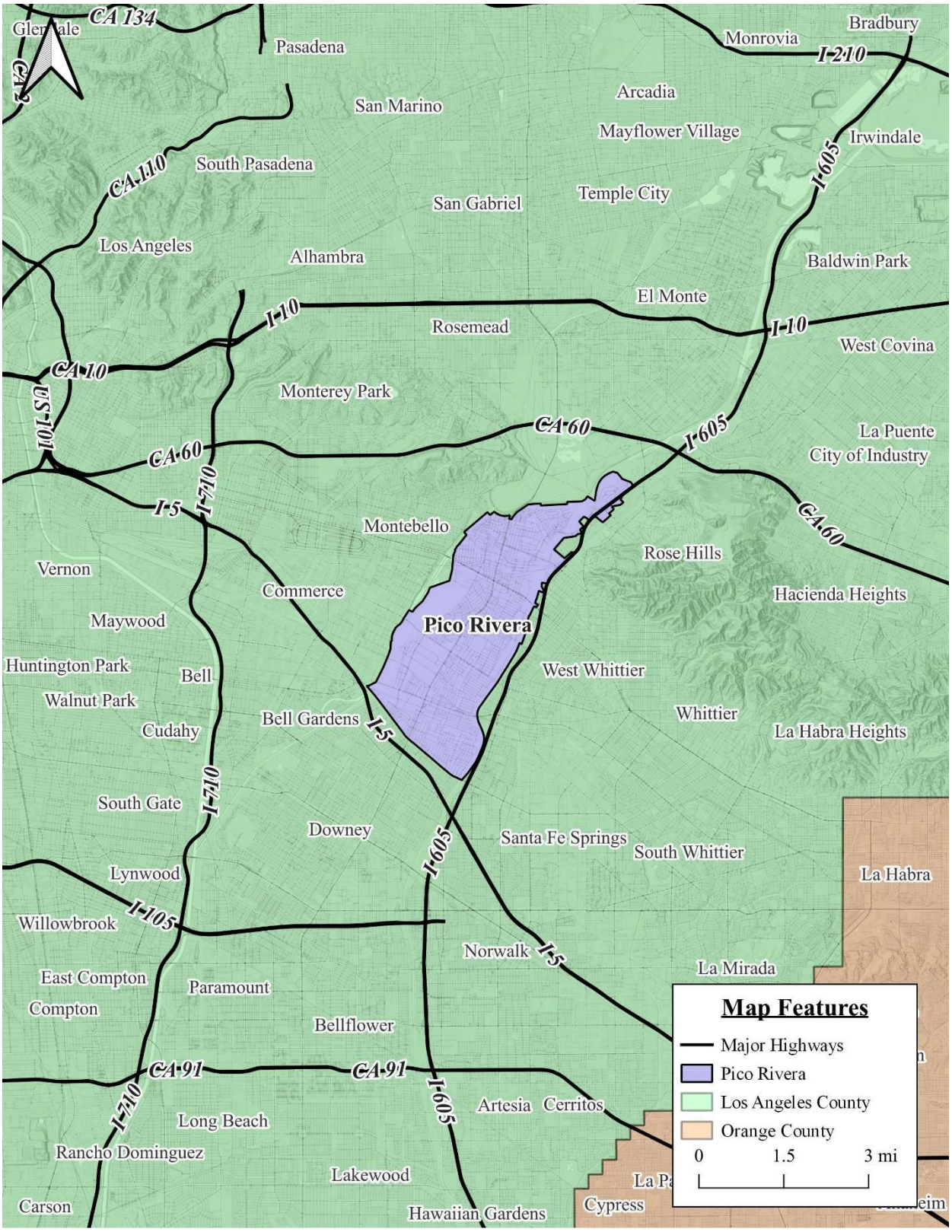


EXHIBIT 1 REGIONAL MAP
Source: Blodgett Baylosis Environmental Planning

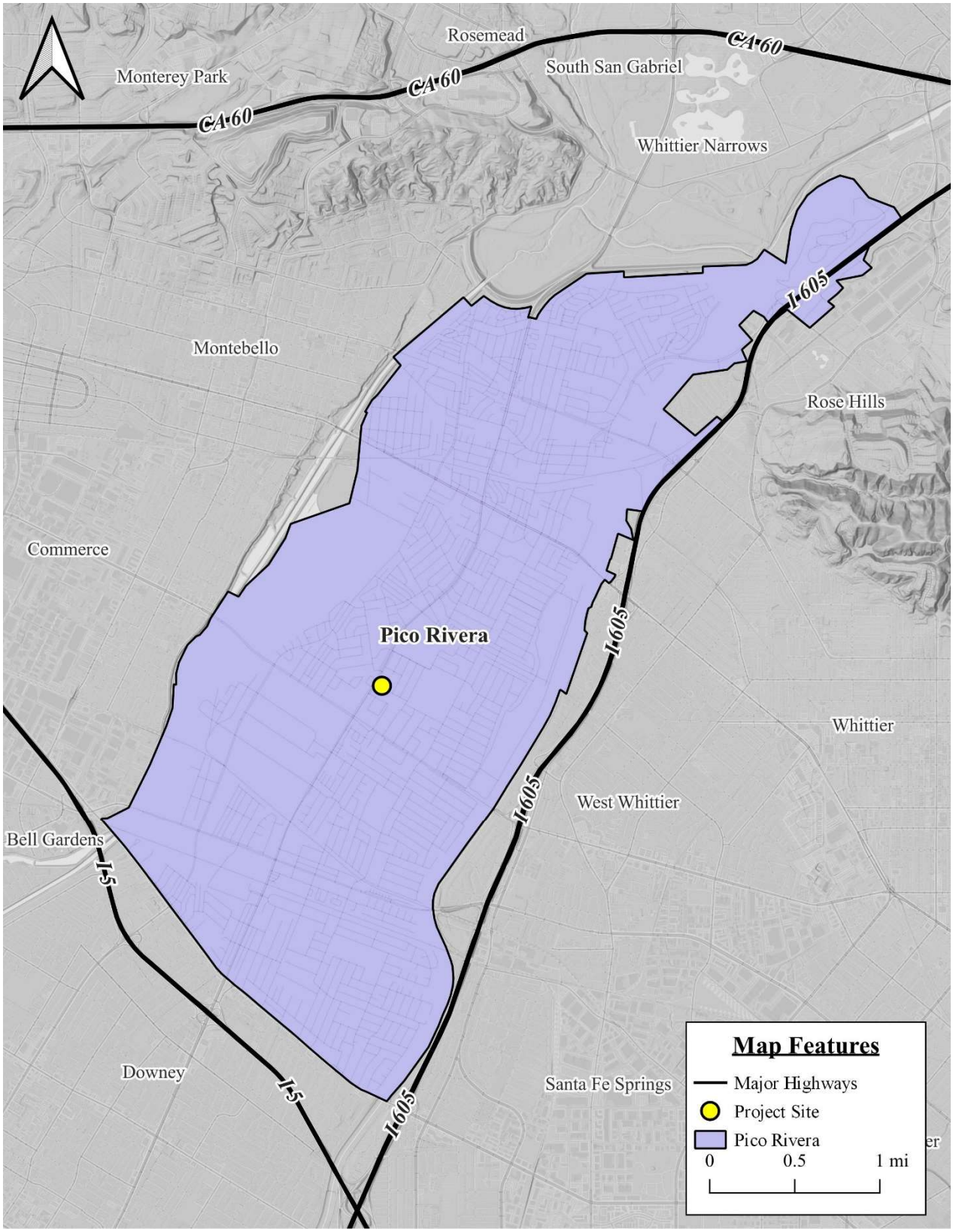


EXHIBIT 2 CITYWIDE MAP

Source: Blodgett Baylosis Environmental Planning

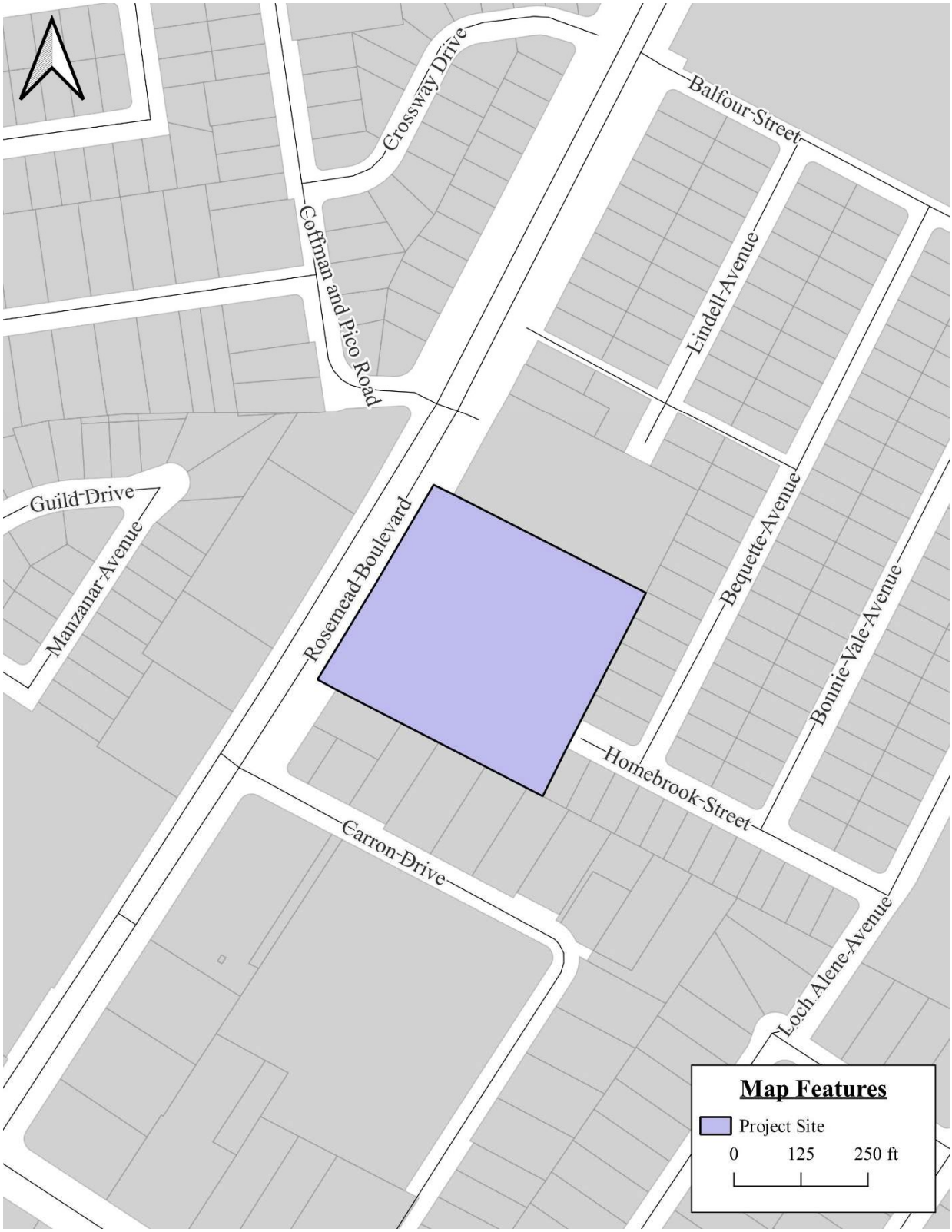


EXHIBIT 3 LOCAL MAP
Source: Blodgett Baylosis Environmental Planning

EXHIBIT 4 AERIAL PHOTOGRAPH

Source: Google Maps

EXHIBIT 5 ON-SITE PHOTOGRAPHS

Source: Blodgett Baylosis Environmental Planning

The environmental setting of the project site and the surrounding area are summarized are summarized in Table 1.

Table 1 Environmental Setting

Location	Existing Use	Zoning Designation
Project Site	Motel (Knights Inn Motel)	General Commercial (G-C)
North of the Site	Office Building (UAW Region 6).	General Commercial (G-C)
South of the Site	Market and Water Well No. 6. Single family homes (4 units).	General Commercial (G-C) and Single Family Residential (S-F)
West of the Site	Rosemead Blvd. Offices and Pico Rivera Gardens housing complex	Professional Administrative (P-A)
East of the Site	Single-family homes (10 units).	Single Family Residential (S-F)

Source: Blodgett Baylosis Environmental Planning

4.0 PROJECT DESCRIPTION

The site is currently occupied by a two level motel (Knights Inn Hotel) consisting of 100 guest rooms, a restaurant, and other amenities. The existing on-site improvements would be demolished to accommodate the proposed new townhome development. The proposed project would then involve the site's development with 95-townhomes.[9] The key project elements are summarized below:

- *Site Plan*. The proposed project would involve the construction of 95 townhome units within the 4.04-acre site located at 6540 Rosemead Boulevard. The new 95 townhome units would be located within 15 new, three level buildings. A single one-level building would be a clubhouse. The proposed project's development density would be 23.5 units per acre. The proposed project's lot coverage is 44%. The total floor area of the new buildings would be 227,861 square feet. The development's floor area ratio (FAR) is 1.32.[10]

- *New Buildings*. The new residential development would consist of 16 new buildings including 7, five-plex buildings (each building would contain 5 units); 3, six-plex buildings (each building would contain 6 units; 3, eight-plex buildings (each building would contain 8 units; 2, nine-plex buildings (each building would contain 9 units); and an amenity building. The 15 residential buildings would contain 3 levels and the amenity building would consist of a single level. The maximum height of the three story townhome units would be 37 feet, 3-inches.[11] Each townhome unit would be provided a two-car enclosed garage. The characteristics are summarized in Table 2.

[9] Danielian Associates Architects and Planners. *Brandywine Homes. 6540 Rosemead Boulevard] Architectural Site Plan*. January 1, 2023.

[10] Ibid.

[11] Ibid.

Table 2 Description of New Buildings

Building Type	Description	Buildings
5 Plex Building	5 units/building	4,5,7,10,11,14,15
6-Plex Building	6 units /building	2,3,8
8-Plex Building	8 units/building	6,12,13
9-plex Building	9 units/building	1,9
Amenity Building	One level clubhouse	--

Source: Danielian Associates Architects

- *Housing Units*. The 95-residential units would consist of four floor plans (referred to as Plan 1, Plan 2, Plan 3, and Plan 4). Plans 1 and 2 would consist of 2 bedrooms and 2 ½ baths, Plan 3 would consist of 3 bedrooms and 3 ½ baths, and Plan 4 would consist of 4 bedrooms and 3 ½ baths. The floor area of the proposed units would range from 1,396 square feet to 2,038 square feet. As indicated in Table 3, 43 units would consist of 2-bedrooms, 2 ½ bathrooms, 30 units would consist of 3 bedrooms, 3 ½ bathrooms, and 22 units would consist of 4 bedrooms and 3 ½ bathrooms. Each unit would have 150 square feet of ground level open space yard area and 100 square feet of open space on the upper level decks. Each townhome unit would be provided with a two-car enclosed garage. Table 3 summarizes the housing unit types.[12]

Table 3 Description of Unit Types

Unit Plan	Unit Type	Floor Area	# Units
Plan 1 (Tandem Garage)	2 bd., 2 ½ bath	1,396 sq. ft.	13 units
Plan 2 (Tandem Garage)	2 bd., 2 ½ bath	1,366 sq. ft.	30 units
Plan 3 (Side by Side Garage)	3 bd., 3 ½ bath	1,809 sq. ft.	30 units
Plan 4 (Side by Side Garage)	4 bd., 3 ½ bath	2,038 sq. ft.	22 units
Total	--	--	95 units

Source: Danielian Associates Architects

- *Amenities*. This new development would include a one level 1,260 square foot clubhouse. The clubhouse would include a multi-purpose room, a covered patio, and a pool area. In addition to the common open space, each unit would have 150 square feet of ground level open space yard area and 100 square feet of open space on the upper level decks.[13]

- *Parking and Access*. The proposed project would provide a total of 202 parking spaces including 190 spaces for residents and 24 parking spaces for guests. Each of the 95 units would be provided with two enclosed parking spaces in the garages. Of the total 190 enclosed parking spaces, 52 units would have side by side parking and 43 units would include tandem parking. Vehicular access would be

[12] Danielian Associates Architects and Planners. *Brandywine Homes. 6540 Rosemead Boulevard] Architectural Site Plan*. January 1, 2023.

[13] Ibid.

provide by a gated driveway with the east side of Rosemead Boulevard. The gates are setback from the Rosemead Boulevard right-of-way (ROW) 46-feet. The is room for cars to turn-around in the event the resent is not home to open the gate. The internal drive aisles would be 26-feet in width and would consist of two travel lanes.[14]

- *Open Space and Landscaping*. Landscaping would be installed around the site's perimeter and along the development's Rosemead Boulevard frontage. Common open space would total 25,047 square feet.[15]

The proposed project is summarized below in Table 4.

Table 4 Project Summary

Project Element	Description	Total Floor Area
Site Area	4.04-acres	--
Building 1	9-plex (3 story residential bldg.)	22,564 sq. ft.
Building 2	6-plex (3 story residential bldg.)	14,591 sq. ft.
Building 3	6-plex (3 story residential bldg.)	14,591 sq. ft.
Building 4	5-plex (3 story residential bldg.)	12,282 sq. ft.
Building 5	5-plex (3 story residential bldg.)	12,282 sq. ft.
Building 6	8-plex (3 story residential bldg.)	17,622 sq. ft.
Building 7	5-plex (3 story residential bldg.)	12,282 sq. ft.
Building 8	6-plex (3 story residential bldg.)	14,591 sq. ft.
Building 9	9-plex (3 story residential bldg.)	22,564 sq. ft.
Building 10	5-plex (3 story residential bldg.)	12,282 sq. ft.
Building 11	5-plex (3 story residential bldg.)	12,282 sq. ft.
Building 12	8-plex (3 story residential bldg.)	17,622 sq. ft.
Building 13	8-plex (3 story residential bldg.)	17,662 sq. ft.
Building 14	5-plex (3 story residential bldg.)	12,282 sq. ft.
Building 15	5-plex (3 story residential bldg.)	12,282 sq. ft.
Building 16	Clubhouse	1,260 sq. ft.
Landscaping	25,047 sq. ft.	--
Parking	202 spaces	--

Danielian Associates Architects and Planners.

The proposed site plan is shown in Exhibit 6. Building elevations are provided in Exhibits 7 through 10.

[14] Danielian Associates Architects and Planners. *Brandywine Homes. 6540 Rosemead Boulevard] Architectural Site Plan*. January 1, 2023.

[15] Ibid.

EXHIBIT 6 SITE PLAN

Source: Danielian Associates Architects and Planners

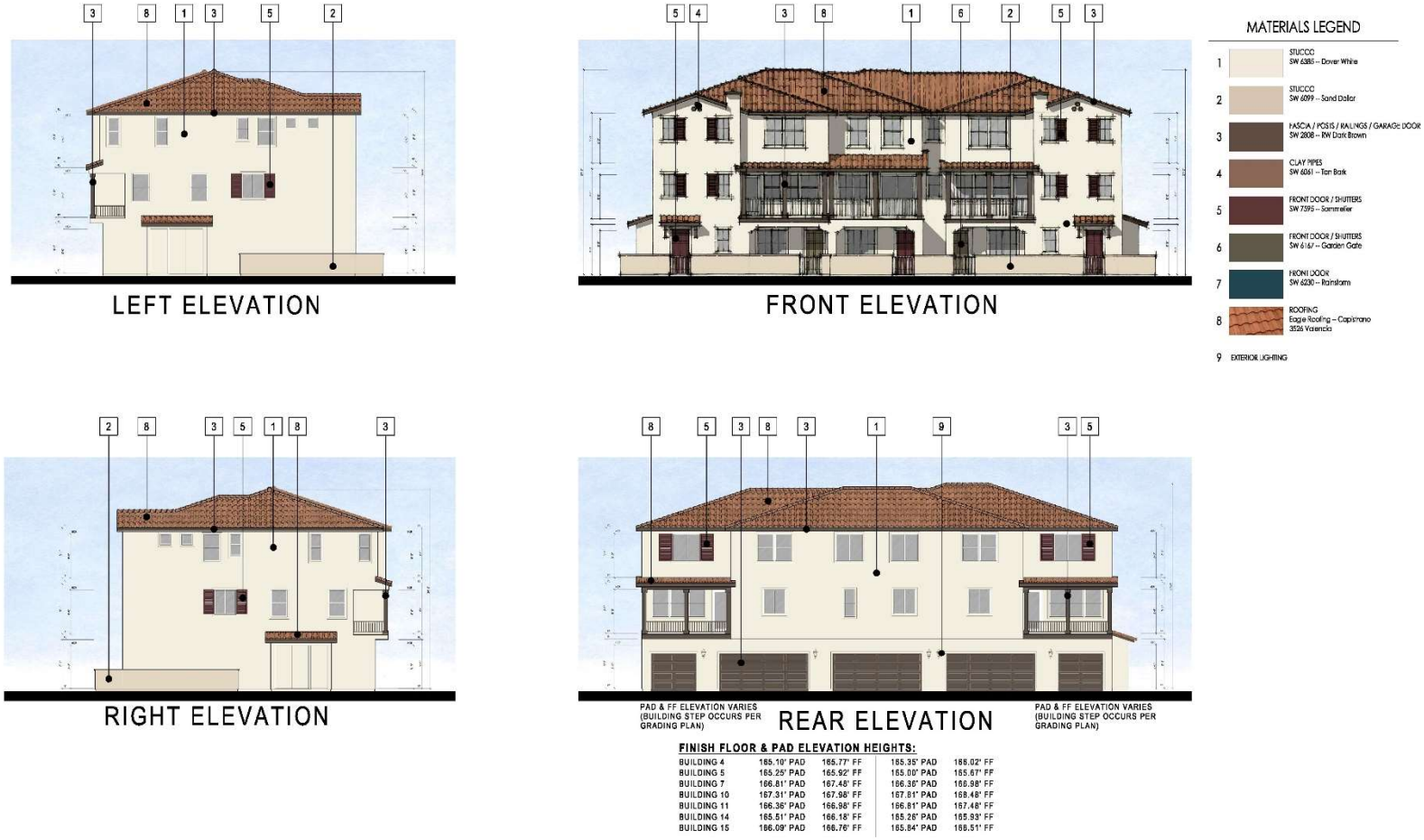
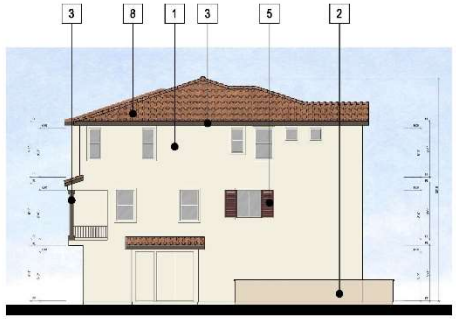


EXHIBIT 7 BUILDING ELEVATIONS

Source: Danielian Associates Architects and Planners



23059.00 2023_12-20

DANIELIAN ASSOCIATES architects & planners

BRANDYWINE HOMES

6-PLEX TOWNHOMES

6540 ROSEMEAD TOWNHOMES
PICO RIVERA, CA

EXTERIOR ELEVATIONS

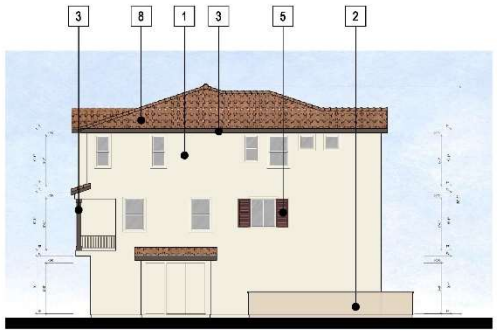
PREPARED DATE: 11/17/2023
REVISION DATE: 01/08/2023

SHEET A13 OF 46

EXHIBIT 8 BUILDING ELEVATIONS

Source: Danielian Associates Architects and Planners

FRONT ELEVATION



LEFT ELEVATION

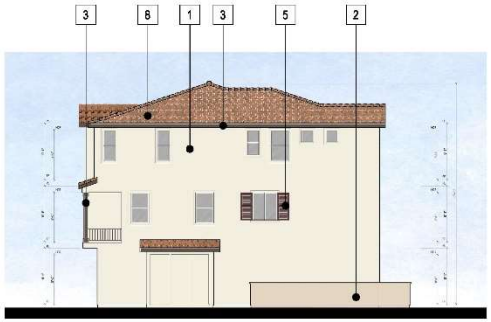
8-PLEX TOWNHOMES

23059.00 2023.12.20
DANIELIAN ASSOCIATES architects + planners
BRANDYWINE HOMES
6540 ROSEMEAD TOWNHOMES
PICO RIVERA, CA
PREPARED DATE: 11/17/2023
REVISION DATE: 01/08/2023
EXTERIOR ELEVATION SHEET A19 OF 46

EXHIBIT 9 BUILDING ELEVATIONS

Source: Danielian Associates Architects and Planners

FRONT ELEVATION



LEFT ELEVATION

9-PLEX TOWNHOMES

23039.00 2023_12 20

DANIELIAN ASSOCIATES architects + planners

BRANDYWINE HOMES

6540 ROSEMEAD TOWNHOMES
PICO RIVERA, CA

PREPARED DATE: 11/17/2023
REVISION DATE: 01/08/2023

EXTERIOR ELEVATIONS SHEET A25 OF 46

EXHIBIT 10 BUILDING ELEVATIONS

Source: Danielian Associates Architects and Planners

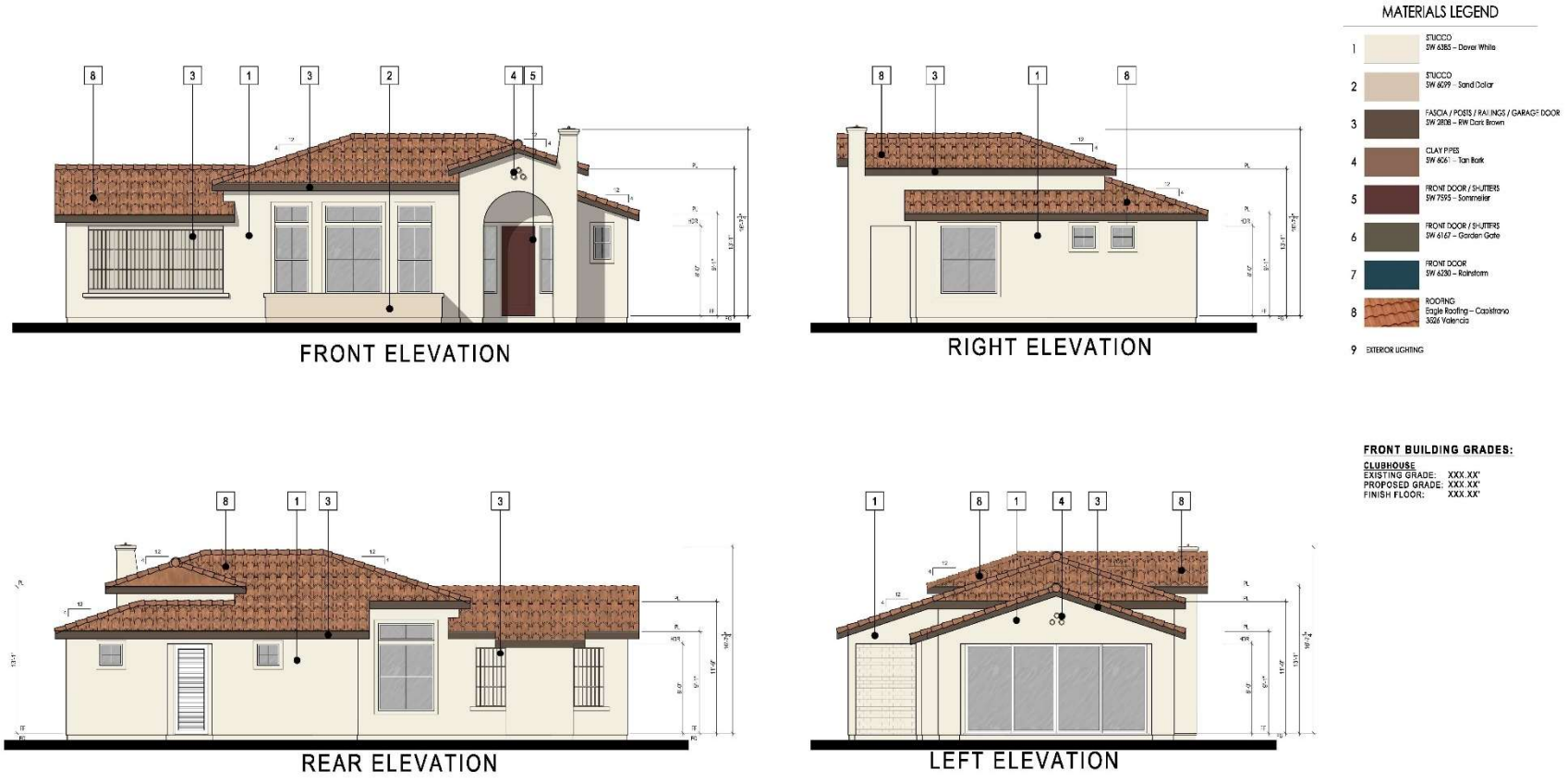


EXHIBIT 11 BUILDING ELEVATIONS

Source: Danielian Associates Architects and Planners

5.0 CATEGORICAL EXEMPTION FINDINGS

The City of Pico Rivera is required to make the following environmental findings in support of this this Infill Exemption (refer to CEQA Guidelines §15332).[16] The analysis in support of the findings is summarized under each finding and where required, a more detailed technical analysis is provided in the Appendices.

- *Section 15332 (a)*. The project must be consistent with the applicable General Plan designation and all applicable General Plan policies as well as with the applicable zoning designation and regulations (refer to Section 5.1).
- *Section 15332 (b)*. The proposed development site is located within the City limits on a project site of no more than five acres. The site is substantially surrounded by urban development (refer to Section 5.2).
- *Section 15332 (c)*. The project site has no value as habitat for endangered, rare or threatened species (refer to Section 5.3).
- *Section 15332 (d)*. The approval of the proposed project must not result in any significant effects relating to traffic, noise, air quality, or water quality (refer to Section 5.4).
- *Section 15332 (e)*. The approval of the proposed project must not result in any significant effects on utilities and public services. (refer to Section 5.5).
- *(Section 15300.2 [c][d][[e])*. In addition to the above requirements, the proposed infill project must not result in any significant adverse impacts that would include any of the following impacts outlined herein in Section 5.6:
  - The approval of the proposed project must not result in any dislocation impacts (refer to Section 5.6.1).
  - The approval of the proposed project must not result in any impacts on sensitive environmental resources (refer to Section 5.6.2).
  - The project must not impact scenic natural views (refer to Section 5.6.3).
  - The project site is not located within an area, nor does it include a site, the Department of Toxic Substances Control (DTSC) and the Secretary for Environmental Protection has identified as being on a Cortese site. (refer to Section 5.6.4).
  - The proposed project would not result in any adverse impacts on historic resources (refer to Section 5.6.5).
- The proposed project would not require any permits or approvals from State responsible or trustee agencies (refer to Section 5.6.6).

[16] CEQA Guidelines California Code of Regulations, Title 14, Division 6, Chapter 3, Article 19. Categorical Exemptions. (Section 153332).

FINDING 5.1. - LAND USE COMPATIBILITY (CEQA SECTION 15332 (A)

THRESHOLDS OF SIGNIFICANCE

To be categorically exempt, the proposed project must be consistent with the applicable City of Pico Rivera land use designations (General Plan and Zoning).

ENVIRONMENTAL ANALYSIS

The project site is located on a developed property that is currently designated as *General Commercial (G-C)* with a *Mixed-Use (M-U) Overlay* which permits Multiple Family Residential developments under the City of Pico Rivera Zoning Ordinance. The site is currently occupied by a two level motel (the Knights Inn Hotel) that consists of 100 guest rooms and other amenities. The project site's elevation is approximately 165 feet above mean sea level (amsl) with a slight gradient towards the east. The surrounding land uses include the following:[17]

- *North of the Site:* A two level office building is located to the north of the site (6500 Rosemead Boulevard). This existing building is occupied by the United Auto Workers (UAW) Region 6. This area is zoned *General Commercial (C-G)*.[18]
- *South of the Site:* A water well (Well No. 11) operated by Pico Water District, is located to the south of the site. A liquor store (6616 Rosemead Boulevard) is located on the northwest corner of Rosemead Boulevard and Carron Drive. Single-family homes are located further east, on the north site of Carron Drive. These homes have frontage along the north side of Carron Drive. This area is zoned as *Single-Family Residential (S-F)* and *General Commercial (C-G)*
- *West of the Site:* The Rosemead Boulevard right-of-way (ROW) extends along the project site's west side. Various office uses are located further west, along the west side of Rosemead Boulevard. This area is zoned as *Profession Administrative (P-A)*.[19]
- *East of the Site:* Single-family homes are located to the east of the site. These homes have frontage on Bequette Avenue. This area is zoned as *Single-Family Residential (S-F)*.[20]

The project and its proposed residential use are consistent with the existing surrounding land uses. Pico Rivera's share of the applicable Regional Housing Needs Allocation (RHNA) for the 6th Cycle (2021-2029) planning period is as follows:

- Extremely Low Income Households 150 Units
- Very Low Income Households 299 units
- Low Income Households 146 units
- Moderate Income Households 149 units

[17] Website accessed on March 11, 2024. Ibid.

[18] Ibid.

[19] Ibid.

[20] Ibid.

- Above Moderate Income Households 430 units

The proposed 95 townhome units would enable the City to accommodate its current RHNA need for the above moderate housing units. *The project is consistent with this finding and the impacts would be less than significant.*

FINDING 5.2 - PROJECT SITE SIZE (CEQA SECTION 15332 (B)

THRESHOLDS OF SIGNIFICANCE

To be categorically exempt, the proposed project must be located within the City limits on a project site of no more than five acres. The site's land area is 4.04-acres.

ENVIRONMENTAL ANALYSIS

The proposed project site is located within the corporate boundaries of the City of Pico Rivera on a project site consisting of less than five acres. The site's land area is 4.04-acres (175,982 square feet). As indicated herein in Section 5.1, the site is surrounded by urban development. *Therefore, less than significant project impacts would result.*

FINDING 5.3 - HABITAT VALUE (CEQA SECTION 15332 (C)

THRESHOLDS OF SIGNIFICANCE

To be categorically exempt, the proposed project must be located on a site that has no value as habitat for endangered, rare or threatened species.

ENVIRONMENTAL ANALYSIS

The proposed project site in its entirety is fully developed with no areas of native and natural habitat. The site is covered-over in both impervious surfaces that includes the existing motel buildings and surface pavement and landscaped areas. The project site's isolation from other natural open space areas limits its utility as a habitat or an animal migration corridor. The project site and the surrounding areas are not conducive for the survival of any special status species due to the lack of suitable riparian and/or natural habitat. Constant disturbance from traffic and other human activity further limits the site's utility as a sensitive habitat or migration corridor.[21] Since the site is located within an established urban area that extends along the Rosemead Boulevard corridor and lacks suitable habitat, the site's utility as a natural habitat and migration corridor is restricted. No natural habitat is present in the area. *Therefore, less than significant project impacts would result.*

[21] Google Maps and City of Pico Rivera Zoning Map. Website accessed on July 29, 2022.

FINDING 5.4 - SIGNIFICANT EFFECTS (TRAFFIC, NOISE, AIR, PUBLIC SERVICES AND UTILITIES) (CEQA SECTION 15332 (D)

5.4.1 TRAFFIC

THRESHOLDS OF SIGNIFICANCE

To be categorically exempt, the proposed project must not result in any significant effects relating to traffic. A significant traffic impact will be first determined by the number of vehicle trips that will be generated by the proposed project and the attendant vehicle miles travelled (VMT) impacts.

ENVIRONMENTAL ANALYSIS

Traffic Generation

The proposed project will be replacing the currently operational Knights Inn Pico Rivera. Since the Knights Inn is currently operational, trip credits were taken to account for the trips from the existing land use. As such, trip generation for this existing motel was developed using driveway survey counts at the existing project driveway for typical weekdays. The surveys were conducted on August 23rd, 24th, 29th and 30th, 2023. As a conservative estimate, the lowest of the driveway survey counts were subtracted from the estimated trip generation of the proposed townhomes to develop the net new project trip generation (refer to Table 5). The trip generation for the proposed project has been developed using the rates from the Institute of Transportation Engineers (ITE) Trip Generation Manual (11th Edition) for Land Use 220 – "Multifamily Housing (Low-Rise) Not Close to Rail Transit", Setting/Location – "General Urban/Suburban". Trip generation for the Knights Inn was subtracted from the proposed project trip generation to determine the net new trips for the project. The net new project trip generation is summarized in Table 5.

Table 5 Project Trip Generation Overall, an esitated

Land Use	ITE Code	Quantity	AM Peak Hour	PM Peak Hour	Average Daily Traffic (ADT)
Existing Trip Generation Rate					
Existing Hotel		100 rooms	13	25	461
Proposed Project Trip Generation Rate					
Proposed Low-rise Residential	ITE 220	95 Units	39	48	640
Net Difference (Existing – Proposed)					
	--	--	**26**	**23**	**179**

As shown in Table 5, the project is anticipated to generate 179 net new daily trips, with 26 net new trips occurring during the AM peak hour and 23 net new trips occurring during the PM peak hour. An estimated 40 average trips per hour would occur between 6:00 AM and 10:00 PM, excluding the AM and PM peak hours.

Project Driveway Sight Distance

A sight distance analysis was conducted at the project driveway along Rosemead Boulevard Frontage Road. Sight distance is the length of the visible roadway a driver can see approaching vehicles before their line of

sight is blocked by any object. For purposes of this analysis, only the stopping sight distance and corner sight distance have been evaluated. That is because those are the only two sight distance issues that would affect safe maneuver of ingress/egress traffic from the project driveway. The stopping sight distance was evaluated on the roadway abutting the project (i.e., Rosemead Boulevard Frontage Road). A 25-mph speed limit was considered for local streets with no posted speed limits. Therefore, for the purpose of this analysis, a 25 mph speed limit has been considered as the design speed for Rosemead Boulevard Frontage Road. As stated in Table 201.1 of the HDM, the minimum stopping sight distance is 150 feet for a design speed of 25 mph. Therefore, the minimum stopping sight distance has been considered as 150 feet for the Project Driveway along Rosemead Boulevard Frontage Road. Based on the requirements established in the HDM, it was determined that a minimum corner sight distance of 280 feet would be required for left-turn maneuvers and a minimum corner sight distance of 240 feet would be required for right-turn maneuvers. Since the corner sight distance required at the project driveway would be greater than the stopping sight distance, sight triangle figures were created using corner sight distance. As a conservative measure, left-turn corner sight distance were used for both right- and left-turn sight triangles for the project driveway. As a result, project driveway will provide adequate sight distance for left- and right-turn maneuvers onto Rosemead Boulevard Frontage Road.

Project Driveway and Intersection Spacing

The project driveway would be approximately 325 feet south of the intersection of Rosemead Boulevard Frontage Road/Coffman and Pico Road, respectively, and 410 feet north of the intersection of Rosemead Boulevard Frontage Road – Carron Road. As such, the driveway would not be within close proximity of any existing and future intersections, and there would be sufficient spacing between all existing and future intersections, including the project driveway intersection.

Project Parking

A total of 202 parking spaces is required for the project per City Code. Based on the current site plan, the project not only satisfies the City's parking requirements but also offers an additional surplus of 12 accessible parking spaces in the project site. As such, the project provides adequate parking per the City's parking requirements.

Vehicle Miles Travelled

The City has adopted thresholds of significance for determining impacts related to vehicle miles traveled (VMT) consistent with the California Office of Planning and Research's Technical Advisory. The City has also adopted the County of Los Angeles Transportation Impact Analysis Guidelines which are used to determine whether a project would adequately reduce total VMT, and as such, determined the following screening criteria for certain land development projects that may be presumed to result in a less than significant VMT impact:

- *Projects that result in a net increase of 110 or less daily vehicle trips.* As discussed in the previous section and shown in Table 5, the project is estimated to generate 179 net new daily trips. Therefore, the project does not satisfy this criterion.
- *Projects located in a High-Quality Transit Area (i.e., within half-mile distance of an existing rail transit station or located within half-mile of two or more existing bus routes with a frequency of service interval of 15 minutes or less during morning and evening peak hours).* Given the project

consists of only residential land use, the City's VMT per capita map was used to evaluate whether the project is in a low VMT Area. Based on the review of the City of Pico Rivera's Daily Home-Based VMT per Capita screening map (Figure 3 of the TIS Guidelines), the project is not located in a low VMT area; therefore, this criterion does not apply to the project.

- *Transit Proximity Area*. The project is not located within an existing Transit Priority Area (TPA) but is located within the future TPA which is the Eastside Transit Corridor Phase 2 project to be completed in 2035, as shown in Figure 1 of the TIS Guidelines. The TIS Guidelines recommends that projects located within the future Transit Priority Area that are estimated to be completed after the Eastside Transit Corridor Phase 2 is operational are eligible to be screened out. However, Eastside Transit Corridor Phase 2 is estimated to be completed by the year 2035, while the project is estimated to be completed by 2025. Therefore, this screening criteria does not apply to the project.
- *Project is locally serving retail (less than 50,000 square feet), including gas stations, banks, restaurants, shopping center*. The project consists of residential land uses only; therefore, this screening criteria does not apply to the project.
- *Local-serving community colleges, K-12 schools, local parks, daycare centers, etc.* The project consists of residential land uses only; therefore, this screening criteria does not apply to the project.
- *Residential projects with 100 percent affordable housing*. The project consists of market-rate residential land uses only; therefore, this screening criteria does not apply to the project.
- *Community institutions project (public library, fire station, local government).* The project consists of residential land uses only; therefore, this screening criteria does not apply to the project.
- *Local-serving hotels (e.g., non-destination hotels).* The project consists of residential land uses only; therefore, this screening criteria does not apply to the project.
- *Local-serving assembly uses (places of worship, community organizations).* The project consists of residential land uses only; therefore, this screening criteria does not apply to the project.
- *Public parking garages and parking lots*. The project consists of residential land use only; therefore, this screening criteria does not apply to the project.
- *Assisted living or senior housing projects*. The project consists of market-rate residential land uses only; therefore, this screening criteria does not apply to the project.
- *Affordable, supportive, or transitional housing projects*. The project consists of market-rate residential land use only; therefore, this screening criteria does not apply to the project.

Based on the City's Guidelines, if the project does not have a significant VMT impact under baseline scenario, and is consistent with the SCAG RTP/SCS, no further VMT analysis is necessary for the cumulative scenario evaluation. Since the project is consistent with the City's General Plan Land Use designation, it is consistent with the SCAG RTP/SCS. Accessible EV parking and the provision of charging for electric vehicles in the residential units will encourage the use of EVs. The latest California Green Building Standards (CALGreen), California Building Code, requires provision of infrastructure to accommodate electric vehicle chargers for new single family and attached dwelling units/town houses. With consideration of the project design features, the project VMT impact would be improved. *As a result, the trip generation, trip distribution, and site access impacts resulting from the proposed project would be less than significant.*

5.4.2 NOISE

THRESHOLDS OF SIGNIFICANCE

The approval of the proposed project must not result in any significant effects relating to noise. A significant noise impact would potentially result if the proposed project would potentially impact noise sensitive land uses in the area or create noise levels that would exceed located noise regulations. Consistent with the California Environmental Quality Act (CEQA) and the State CEQA Guidelines, a significant impact related to noise would occur if a proposed project were determined to result in any of the following impacts:

- *Noise and Land Use Compatibility.* The generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies;
- *Ground-Borne Vibration Noise.* The generation of excessive ground-borne vibration or ground-borne noise levels; or
- *Aircraft/Airport Noise Exposure.* For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels.

The most commonly used unit for measuring the level of sound is the decibel (dB). Zero on the decibel scale represents the lowest limit of sound that can be heard by humans. Noise levels may also be expressed as dBA where an "A" weighting has been incorporated into the measurement metric to account for increased human sensitivity to noise. The A-weighted measurements correlate well with the perceived nose levels at lower frequencies. Noise may be generated from a point source, such as a piece of construction equipment, or from a line source, such as a road containing moving vehicles. The eardrum may rupture at 140 dB. In general, an increase of between 3.0 dB and 5.0 dB in the ambient noise level is considered to represent the threshold for human sensitivity. In other words, increases in ambient noise levels of 3.0 dB or less are not generally perceptible to persons with average hearing abilities.[22]

Noise may be generated from a point source, such as machinery, or from a line source, such as a roadway segment containing moving vehicles. Because the area of the sound wave increases as the sound gets further and further from the source, less energy strikes any given point over the surface area of the wave. This phenomenon is known as "spreading loss." Due to spreading loss, noise attenuates (decreases) with distance. Stationary, or point, noise subject to spreading loss experiences a 6.0 dBA reduction for every doubling of the distance beginning with the initial 50-foot distance.[23] Based on the principles of spreading loss noise levels would decrease by 6.0 dBA for every doubling distance beginning with the first 50 feet for point sources (speakers, construction equipment) and approximately 4.5 dBA over a soft surface such as vegetation. [24] Meanwhile, line sources (roadways, railroads) experience a 3.0 dBA reduction for every doubling of the

[22] Bugliarello, et. al., *The Impact of Noise Pollution,* Chapter 127, 1975.

[23] United States Department of Transportation – Federal Highway Administration. *Transit Noise and Vibration Impact Assessment Manual.* Report dated September 2018.

[24] Ibid.

distance. Objects that obstruct the line-of-sight between a noise source and a noise receptor reduce noise generated by or within the noise source. Operational noise is expected to decrease by an additional 6.0 dBA at the neighboring residential uses based on the principals of spreading loss.[25]

ENVIRONMENTAL ANALYSIS

The project site is located in an urbanized setting that contains both commercial and residential uses. The predominant source of noise in the area is related to traffic travelling on Rosemead Boulevard. An *Extec* Digital Sound Meter was used to conduct the on-site noise measurements. The noise levels were measured using the decibel (dB) metric. The dBA metric uses an "A" frequency weighting to allow for increased sensitivity during the night-time and early morning periods. For purposes of this analysis, the decibel (dB) metric and dBA metric should be considered the same. The noise meter was calibrated using an "A" weighting with the slow response setting. A series of 100 discreet noise measurements were recorded on Friday, March 8th, 2024, at 9:00 AM within a 30-minute time period at the project site (6540 Rosemead Boulevard). The average ambient noise level was recorded at 64.4 dBA, with the main source of ambient noise coming from street traffic travelling on Rosemead Boulevard. Table 6 indicates the variation in noise levels over time during the measurement period. For example, the L_{50} represents the noise levels that were exceeded during the measurement period 50 percent of the time (half the time the noise level exceeded this level and half the time the noise level was less than this level). The median ambient exterior noise level (L_{50}) was 64.0 dBA at the measurement location.

Table 6 Noise Measurement Results

Noise Metric	Noise Level (dBA)
L_{max} (Maximum Noise Level)	71.7 dBA
L^{99} (Noise levels <99% of time)	70.5 dBA
L^{90} (Noise levels <90% of time)	69.1 dBA
L^{75} (Noise levels <75% of time)	65.8 dBA
Median Noise Level	64.0 dBA
L_{min} (Minimum Noise Level)	59.4 dBA
Average Noise Level	64.4 dBA

Source: Blodgett Baylosis Environmental Planning

Noise and Land Use Compatibility Impacts.

The City of Pico Rivera has developed its own land use compatibility standards based on recommended parameters from the California Governor's Office of Planning and Research (OPR) land use and noise compatibility guidelines. Based on these guidelines, the City has established interior and exterior noise standards for various types and/or categories of development. The City's compatibility standards provide only for normally acceptable conditions based on State recommendations and City land use designations. For medium density residential development, the City's noise compatibility standard is 45 dBA for interior noise

[25] United States Department of Transportation – Federal Highway Administration. *Transit Noise and Vibration Impact Assessment Manual.* Report dated September 2018.

exposure and 65 dBA for exterior noise exposure.[26] *The proposed project is consistent with this finding and the environmental impacts would be less than significant.*

Ground-Borne Vibration Noise

Composite construction noise is best characterized in a study prepared by Bolt, Beranek, and Newman.[27] In the aforementioned study, the noisiest phases of construction are anticipated to be 89 dBA as measured at a distance of 50 feet from the construction activity. In later phases during building erection, noise levels are typically reduced from these values and the physical structures further break up line-of-sight noise. The City's General Plan Noise Element Policy 11.3-1, Construction Noise, states that construction-related noise and vibration within 500 feet of noise-sensitive uses be limited to 7:00 a.m. to 7:00 p.m., and that haul truck deliveries be subject to the same hours specified for construction. The City does not have an established criterion for construction noise. The project contractors would be required to adhere to the City's Noise Ordinance. Construction noise would include noise emanating from equipment such as backhoes, dozers, or graders. This noise would be attenuated by the exterior walls of the adjacent sensitive receptors, which would contribute to a reduction of up to 20 dBA with closed windows and a reduction of 10 dBA with open windows.[28] In addition, the nearest sensitive receptor is approximately 20 feet south of the site. Adherence to the aforementioned Noise Ordinance requirements would ensure construction noise is kept to levels that are less than significant. Ground vibrations associated with construction activities using modern construction methods and equipment rarely reach the levels that result in damage to nearby buildings though vibration related to construction activities may be discernible in areas located near the construction site.

The interior noise levels would be reduced by complying with the California Green Building code, which requires the use energy efficient windows and insulation which would further reduce interior noise levels. Insulation would be placed between the joists and studs and would serve as an additional buffer which, when combined with stucco and drywall, would reduce interior noise levels by a minimum of 10.0 dBA. Once occupied, the overall increase in the ambient noise levels would not be readily apparent to an individual with normal hearing. In addition, the project would not result in the exposure of nearby residents to the generation of excessive ground-borne noise due to the nature of the proposed use (no heavy machinery or equipment is anticipated to be in operation once the project is complete). The proposed project's future residents would be required to adhere to all pertinent City noise regulations. Furthermore, the traffic associated with the proposed project would not be great enough to result in a measurable or perceptible increase in traffic noise (it typically requires a doubling of traffic volumes to increase the ambient noise levels to 3.0 dBA or greater). As indicated previously, the proposed residential use would not result in a doubling of traffic volumes on Rosemead Boulevard. *As a result, the traffic noise impacts resulting from the proposed project would be less than significant. The proposed project is consistent with this finding and the environmental impacts would be less than significant.*

Aircraft/Airport Noise Exposure

There are no airports or airfields that are located in the City of Pico Rivera. The project site is not located within two miles of a public airport. The closest airport to the project site is the San Gabriel Valley Airport,

[26] City of *Pico Rivera General Plan Noise Element. Table N-3.*

[27] USEPA, Protective Noise Levels. 1971.

[28] California Department of Transportation. *Technical Noise Supplement to the Traffic Noise Analysis Protocol – Table 7-1 FHWA Building Noise Reduction Factors.* Report dated 2013.

located more than 8 miles to the northeast in the City of El Monte.[29] As a result, the project will not expose people working in the project area to excessive noise levels and no impacts will occur. *The proposed project is consistent with this finding and the environmental impacts would be less than significant.*

5.4.3 AIR QUALITY

THRESHOLDS OF SIGNIFICANCE

The approval of the proposed project must not result in any significant effects relating to air quality. The *South Coast Air Quality Management District (SCAQMD)* has jurisdiction over a 10,743 square-mile area that includes Orange County, Los Angeles County (except for Antelope Valley), the non-desert portion of western San Bernardino County, and western Riverside County. The SCAQMD is responsible for the implementation of the protocols of the Federal Clean Air Act. In addition, the SCAQMD is responsible for ensuring that the more stringent California Clean Air standards are met. The SCAQMD is responsible for the formulation and implementation of a long-range plan referred to as the Air Quality Management Plan or AQMP that indicates how these objectives would be met. Projects in the South Coast Air Basin (SCAB) generating construction-related emissions that exceed any of the following emissions thresholds are considered to be significant under CEQA:

- 75 pounds per day of reactive organic compounds;
- 100 pounds per day of nitrogen dioxide;
- 550 pounds per day of carbon monoxide;
- 150 pounds per day of PM10;
- 55 pounds per day of PM2.5; or,
- 150 pounds per day of sulfur oxides.

The proposed project would have a significant long-term impact on air quality if any of the operational emission significance thresholds for criteria pollutants are exceeded:

- 55 pounds per day of reactive organic compounds;
- 55 pounds per day of nitrogen dioxide;
- 550 pounds per day of carbon monoxide;
- 150 pounds per day of PM_{10};
- 55 pounds per day of $PM_{2.5}$; or,
- 150 pounds per day of sulfur oxides.[30]

ENVIRONMENTAL ANALYSIS

The analysis of daily construction and operational emissions was prepared utilizing the California Emissions Estimator Model (CalEEMod V.2022.1.1.22). As shown in Table 7, the daily construction emissions would not exceed the SCAQMD significance thresholds. The analysis of daily construction emissions has been prepared utilizing the California Emissions Estimator Model (CalEEMod V.2022.1.1.22) developed for the SCAQMD (these CalEEMod computer worksheets are attached as an Appendix to this CE. The project's construction period would include the demolition of the existing motel, the construction of the 95 townhome

[29] Google Earth. Website accessed October 18, 2021.

[30] South Coast Air Quality Management District. *Final 2016 Air Quality Plan [AQMP].* Adopted March 2017.

units, and the finishing of the project (paving, painting, and the planting of landscaping). The Applicant has indicated the construction period would be 32 months. As shown in Table 7, daily construction emissions would not exceed the SCAQMD's significance thresholds and represents a maximum-case scenario. Therefore, the maximum daily construction-related emissions would be less than significant. The Applicant would be required to ensure that the contractors adhere to all pertinent provisions of SCAQMD Rule 403 pertaining to the generation of fugitive dust during grading and/or the use of equipment on unpaved surfaces. The contractors would be responsible for being familiar with and implementing any pertinent best available control measures. As a result, the project would not result in significant impacts in this regard.

Table 7 Estimated Daily Construction Emissions (lb/day)

Construction Phase	ROG	NO_x	CO	SO_2	PM_{10}	$PM_{2.5}$
Building Demolition (1 month)	2.4	22.2	19.9	0.03	0.92	0.84
Site Preparation (1 month)	3.31	31.6	30.2	0.05	21.07	11.36
Building Construction (10 months)	1.13	10.4	13.0	0.02	0.43	0.40
Paving (1 month)	1.0	7.12	9.94	0.01	0.32	0.29
Architectural Coatings (1 months)	32.72	0.86	1.13	--	0.02	0.02
Maximum Daily Emissions	32.8	31.7	31.2	0.05	21.3	11.4
Daily Thresholds	75	100	550	150	150	55
Significant Impact?	No	No	No	No	No	No

Source: CalEEMod V.2022.1.1.22.

Long-term emissions refer to those air quality impacts that would occur once the proposed project has been constructed and is operational. These impacts would continue over the operational life of the project. The two main sources of operational emissions include area emissions and on-site emissions related to the production and consumption of energy. Table 8 depicts the estimated project operational emissions related to the project's operation. As indicated in Table 8 the projected maximum long-term emissions are below thresholds considered to represent a significant impact.

Table 8 Estimated Operational Emissions (lb/day)

Emission Source	ROG	NO_x	CO	SO_2	PM_{10}	$PM_{2.5}$
Mobile	2.09	1.52	15.4	0.03	3.06	0.78
Area	2.82	0.05	5.38	--	--	--
Energy	0.39	0.17	--	--	0.03	0.03
Total	4.93	1.91	21.0	0.04	3.06	0.82
Daily Thresholds	55	55	550	150	150	55
Significant Impact?	No	No	No	No	No	No

Source: CalEEMod V.2022.1.1.22.

Sensitive receptors refer to land uses and/or activities that are especially sensitive to poor air quality and typically include residences, board and care facilities, schools, playgrounds, hospitals, parks, childcare centers, and outdoor athletic facilities, and other facilities where children or the elderly may congregate. These population groups are generally more sensitive to poor air quality. The nearest noise sensitive receptors to the project site are the single-family homes that extend along the project site's southerly and easterly sides. The SCAQMD requires that CEQA air quality analyses indicate whether a proposed project

would result in an exceedance of *localized emissions thresholds* or LSTs. LSTs only apply to short-term (construction) emissions at a fixed location and do not include off-site or area-wide emissions. The pollutants that are the focus of the LST analysis include the conversion of NO_x to NO_2; carbon monoxide (CO) emissions from construction; PM_{10} emissions from construction; and $PM_{2.5}$ emissions from construction. For purposes of the LST analysis, the receptor distance used was 25 meters since the nearest sensitive receptor abuts the project site on the south and east sides.

Table 9 Local Significance Thresholds Exceedance SRA 5 for 5-acre sites

Emissions	Project Emissions (lbs./day)	Type	Allowable Emissions Threshold (lbs./day) and a Specified Distance from Receptor (in meters)				
			25	50	100	200	**500**
NO_x	**31.7/1.91**	Construction/Operation	**172**	165	176	194	244
CO	**31.2/21.0**	Construction/ Operation	**1,480**	1,855	2,437	3,867	9,312
PM_{10}	**21.3***	Construction	**14**	42	60	95	203
PM_{10}	**3.06**	Operation	**4**	10	15	23	49
$PM_{2.5}$	**11.4***	Construction	**7**	10	15	30	103
$PM_{2.5}$	**0.82**	Operation	**2**	3	4	8	25

Source: CalEEMod V.2022.1.1.22
*=Does not include implementation of other SCAQMD Standard Conditions. The adherence to standard regulations would reduce fugitive dust emissions by 50%.

As shown in the Table 9, the proposed project would not result in an exceedance in LSTs. *Therefore, project impacts would be less than significant. The proposed project is consistent with this finding and the environmental impacts would be less than significant.*

5.4.4 WATER QUALITY

THRESHOLDS OF SIGNIFICANCE

The approval of the proposed project must not result in any significant effects relating to water quality. A significant water quality impact would potentially result if the proposed project would result in water pollution impacts on-site or offsite during construction or operations.

ENVIRONMENTAL ANALYSIS

The proposed project's construction would not violate any water quality standards, waste discharge requirements, or otherwise degrade surface or groundwater quality. Construction of the proposed project would not include any significant new include grading, excavation, and other earthmoving activities that have the potential to cause erosion that would subsequently degrade water quality and/or violate water quality standards. As required by the Clean Water Act, the contractors/developer must comply with the Santa Ana Municipal Separate Storm Sewer (MS4) National Pollution Discharge Elimination System (NPDES) Permit. The NPDES MS4 Permit Program, which is administered in the project area by the County of Los Angeles Regional Water Quality Control Board (RWQCB), regulates storm water and urban runoff discharges from developments to natural and constructed storm drain systems in the City. The contractor/developer would be required to obtain coverage under the General Permit for Discharges of Stormwater Associated with

Construction Activity. The implementation of the proposed project would not result in a violation in water quality standards or discharge requirements because the project contractors would be required to implement the operational Best Management Practices (BMPs) identified in the Erosion and Sediment Control Plan during construction and the operational BMPs identified in the Non-priority Water Quality Management Plan (NP-WQMP), for reducing runoff and potential contaminants. *Adherence to the aforementioned City mandated requirements ensure that impacts remain less than significant. The project is consistent with this finding and the environmental impacts would be less than significant.*

FINDING 5.5 - SIGNIFICANT EFFECTS ON UTILITIES AND PUBLIC SERVICES (CEQA SECTION 15332 (E)

5.5.1 UTILITIES

THRESHOLDS OF SIGNIFICANCE

The approval of the proposed project must not result in any significant effects relating to utilities. A significant impact on utilities would potentially result if the proposed project would require new utilities or service systems to accommodate potential demand.

ENVIRONMENTAL ANALYSIS

Sewers and Wastewater Treatment

There would be a total of 95 town home units. The proposed project is anticipated to generate 19,000 gallons per day (gpd) of wastewater. The City of Pico Rivera's Sewer Division is responsible for the collection of wastewater within the City's limits and delivery to the trunk sewer mains of Los Angeles County Sanitation District (LACSD). The collected wastewater flows south towards the Los Coyotes Water Reclamation Plant of LACSD in the city of Cerritos. The LACSD is responsible for all trunk sewer line and treatment. The Los Coyotes Water Reclamation Plant has a design capacity of 37.5 mgd. The projected sewer demand of 32,398 gpd represents approximately 0.507 percent of the wastewater treatment plant's design capacity. As such, the proposed project would not result in or require the construction of new or expanded wastewater treatment facilities. The proposed project would connect to an existing 8-inch sewer line located in the project site. The existing and future sewage consumption for the existing use and the proposed project are indicated in Table 10.

Table 10 Projected Effluent Generation (in gallons/day)

Project Element (Use)	Unit of Measure	Usage Factor	Consumption
Existing Motel	100 guest Rooms	125 gals./room	12,500 gals./day
Proposed Project	95 Townhomes	200.0 gals./day/unit	19,000 gals./day
Proposed Project			6,500 gals./day

Source: Blodgett Baylosis Environmental Planning.

The existing and proposed sanitary sewer lines can accommodate the sewage flows from the proposed 95 units. *Therefore, project impacts would be less than significant. The proposed project is consistent with this finding and the environmental impacts would be less than significant.*

Water

The proposed project would provide additional onsite domestic water connections onsite to accommodate the additional 95 townhome units. No off-site upgrades will be required. The estimated daily water consumption per unit is 300 gallons per day. Based on these rates, the proposed project would consume a total of 28,500 gallons per day. The proposed project would connect to an existing 12-inch water main along the project's west side. The existing and future water consumption for the existing use and the proposed project are indicated in Table 11.

Table 11 Projected Water Consumption (in gallons/day)

Project Element (Use)	Unit of Measure	Usage Factor	Consumption
Existing Motel	100 guest Rooms	187 gals./day/room	18,700 gals./day
Proposed Project	95 Townhomes	300.0 gals./day/unit	28,500 gals./day
Total			9,800 gals./day

Source: Blodgett Baylosis Environmental Planning

Therefore, project impacts would be less than significant. The proposed project is consistent with this finding and the environmental impacts would be less than significant.

Stormwater

The project site is located in an urbanized setting that contains commercial and residential uses. Overall, the amount of impervious surfaces would not measurably change. The existing storm drain system in the project site area includes a parkway culvert storm drain system in Rosemead Boulevard that collects existing street drainage flows from the roadway as well as on-site runoff and off-site adjacent properties runoff. The proposed project would include a storm drain system to collect, treat, and convey stormwater into the existing storm drain system and introduce pervious landscaping on the project site. Therefore, the proposed project would result in a less than significant impact and no mitigation measures are required.. *Therefore, project impacts would be less than significant.*

Solid Waste Collection

The proposed project is expected to generate 636 pounds of conventional solid waste per day. This figure assumes a generation rate of 12.23 pounds of waste per day per unit. The existing and future solid waste generation for the existing use and the proposed project are indicated in Table 12.

Table 12 Projected Solid Waste Generation (in pounds [lbs]/day)

Project Element (Use)	Unit of Measure	Usage Factor	Generation
Existing Motel	100 guest Rooms	6.0 lbs./day/room	600 lbs./day
Proposed Project	95 Townhomes	12.23 lbs/day/units	1,162 lbs./day
Total			562 lbs./day

Source: Los Angeles County Sanitation Districts

Therefore, project impacts would be less than significant. The proposed project is consistent with this finding and the environmental impacts would be less than significant.

5.5.2 PUBLIC SERVICES

THRESHOLDS OF SIGNIFICANCE

The approval of the proposed project must not result in any significant effects relating to public services. A significant impact on public services would potentially result if the proposed project would require new facilities or increased services to accommodate potential demand.

ENVIRONMENTAL ANALYSIS

Fire Department

Fire protection and emergency medical services in the city of Pico Rivera are provided by the Los Angeles County Fire Department (LACFD). Services include fire suppression, emergency medical, rescue and fire prevention, and hazardous materials coordination services. There are three existing fire stations within two miles of the project site. The first response station is Fire Station 103, located at 7300 S. Paramount Boulevard, The proposed project would not negatively impact fire protection services since the new units would be constructed in accordance with current fire and building codes.[31] As part of the project review process, the LACFD would review the new housing development and make recommendations for fire protection services. The buildings' construction, height, and use would not require any special equipment or apparatus in the event of a fire or emergency. the proposed project's population and housing is consistent with the growth projections for the city of Pico Rivera. Further, the operation of the proposed project would contribute to property taxes that would help fund LACFD and hire more personnel, if needed. Development of the project would not result in the need for construction associated with an expansion of existing or development of a new fire station. Therefore, the project would result in less than significant impacts related to fire protection services. *The proposed project is consistent with this finding and the environmental impacts would be less than significant.*

Law Enforcement

Pico Rivera policing services are provided by the Los Angeles County Sheriff's Department (LASD). The closest Sheriff's station is the Pico Rivera Sheriff's Station located at 6631 Passons Boulevard, 0.8 miles from the project site (see Figure 11). According to the LASD, the Pico Rivera Sheriff's Station typically has a daily

[31] Los Angeles County Fire Department. *Fire Stations*.

staffing between 4-7 cars and 1-3 motorcycles. The LASD current response time within the service area is 34.5 minutes for routine calls, 9.3 minutes for priority calls, and 3.6 minutes for emergency calls, which is within policy standards. There are no existing deficiencies in police protection services within the City.

The proposed project may lead to an increase in demand for police protection services, such as increase in service calls and traffic enforcement, by adding new residents to the area, such an increase is within the projected growth for the City of Pico Rivera, and LASD has indicated that there are no existing deficiencies. The proposed project would also include design elements that would discourage criminal activity, such as security gates, and residents-only key cards for the residential areas, as well as security lighting. LASD indicates that its primary source of funding for this station is through its contract with the city of Pico Rivera. The proposed project would be required to pay all applicable impact fees and would contribute to applicable taxes to continue funding the police station. These fees are in place to address any incremental development project impact and are to be used for infrastructure improvements and services. The proposed project would not result in the need for new or physically altered police protection facilities. *The proposed project is consistent with this finding and the environmental impacts would be less than significant*.

Schools

The El Rancho Unified School District (District) would serve the proposed project. The District serves grades kindergarten through 12, with one Elementary School, one Middle School, and two High Schools. The proposed project would be required to pay all development fees required pursuant to Assembly Bill 2926 and Section 17620 of the California Government Code. The Applicant would be required to pay $2.63 per square foot to the El Rancho School District to offset the impact to school services. Therefore, impacts associated with schools would be less than significant and no mitigation would be required. The payment of the aforementioned school impact fees to the applicable school district is considered to be full mitigation for project-related impacts. The proposed project's school enrollment impacts would be offset by the school fees that would be paid by the developer. *Therefore, project impacts would be less than significant. The proposed project is consistent with this finding and the environmental impacts would be less than significant*.

Parks and Recreation

The City of Pico Rivera has approximately 102 acres of developed park and recreation facilities. The nearest park to the project site is Smith Park located approximately 1,500 feet to the north of the project site. This new development would include a one level 1,260 square foot clubhouse. The clubhouse would include a multi-purpose room, a covered patio, and a pool area. In addition to the common open space, each unit would have 150 square feet of ground level open space yard area and 100 square feet of open space on the upper level decks. The proposed project may be subject to the Quimby Act or pay in-lieu fees for park improvements. Pursuant to the Quimby Act, the Applicant would pay its fair share of in-lieu fees based on the number and type of dwelling units. *Therefore, project impacts would be less than significant. The proposed project is consistent with this finding and the environmental impacts would be less than significant*.

FINDING 5.6 - SIGNIFICANT EFFECTS RELATED TO INFILL DEVELOPMENT PROJECTS CEQA SECTION 15300 (C)(D)(E)

FINDING 5.6.1. - DISLOCATION

THRESHOLDS OF SIGNIFICANCE

The approval of the proposed project must not result in any significant effects relating to the displacement or dislocation of an existing population group. The emphasis is on the displacement of housing, especially affordable housing.

ENVIRONMENTAL ANALYSIS

The project site is currently occupied by an existing motel. This motel is a commercial development and is not being used for interim or supportive housing. The proposed project would be limited to the project site and no dislocation of off-site structural improvements would be required to accommodate the proposed project. *Therefore, no project impacts would result. The proposed project is consistent with this finding and there would be no environmental impacts*.

FINDING 5.6.2. - SENSITIVE ENVIRONMENTAL RESOURCES

THRESHOLDS OF SIGNIFICANCE

To be categorically exempt, the proposed project must be located on a site that has no impact on sensitive environmental resources.

ENVIRONMENTAL ANALYSIS

The project site is located in an urbanized setting that contains commercial and residential uses. The proposed project site in its entirety is fully developed with no areas of native and natural habitat. The site is covered over in both impervious surfaces that includes the existing buildings and surface pavement and landscaped areas. The project site's isolation from other natural open space areas limits its utility as a habitat or an animal migration corridor. The project site and the surrounding areas are not conducive for the survival of any special status species due to the lack of suitable riparian and/or natural habitat. Constant disturbance from traffic, especially on Rosemead Boulevard, and other human activity further limits the site's utility as a sensitive habitat or migration corridor.[32] Since the site is within an established urban area that extends along the Rosemead Boulevard corridor and lacks suitable habitat, the site's utility as a natural habitat and migration corridor is restricted. *Therefore, no project impacts would result. The proposed project is consistent with this finding and there would be no environmental impacts.*

[32] Google Maps and City of Pico Rivera Zoning Map. Website accessed on March 11, 2024.

FINDING 5.6.3. - SCENIC NATURAL VIEWS

THRESHOLDS OF SIGNIFICANCE

The approval of the proposed project must not result in any significant effects relating to a significant impact on a scenic vista. A scenic vista is a viewpoint that provides expansive views of a highly valued landscape for the benefit of the public.

ENVIRONMENTAL ANALYSIS

The project site is located in an urbanized setting that contains commercial and residential uses. No scenic natural resources or scenic corridor would be affected by the proposed project. Because of the nature of the proposed project, no alteration of the views would occur. *Therefore, no project impacts would result. The proposed project is consistent with this finding and there would be no environmental impacts.*

FINDING 5.6.4. - CORTESE LISTING

THRESHOLDS OF SIGNIFICANCE

The approval of the proposed project must not be located on a property that has been identified by the Department of Toxic Substances Control (DTSC) and the Secretary for Environmental Protection as being located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5

ENVIRONMENTAL ANALYSIS

Government Code Section 65962.5 refers to the Hazardous Waste and Substances Site List, commonly known as the Cortese List. The Cortese List is a planning document used by the State and other local agencies to comply with CEQA requirements that require the provision of information regarding the location of hazardous materials release sites. A search was conducted through the California Department of Toxic Substances Control Envirostor website to identify whether the project site is listed in the database as a Cortese site.[33] The search indicates the project site is not located on a Cortese site. *Therefore, no project impacts would result. The proposed project is consistent with this finding and there would be no environmental impacts.*

FINDING 5.6.5. - HISTORIC RESOURCES

THRESHOLDS OF SIGNIFICANCE

The approval of the proposed project must not result in any significant effects relating to the historic resources. According to CEQA, a project may be deemed to have a significant adverse impact on cultural resources if it results in any of the following:

[33] California, State of. Department of Toxic Substances Control. https://www.envirostor.dtsc.ca.gov/public/map/

- The proposed project would cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5.
- The proposed project would cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5.
- The proposed project would disturb any human remains, including those interred outside of formal cemeteries.

Historic structures and sites are defined by local, State, and Federal criteria. A site or structure may be historically significant if it is locally protected through a General Plan or historic preservation ordinance. In addition, a site or structure may be historically significant according to State or Federal criteria even if the locality does not recognize such significance. The California Register of Historical Resources (CRHR) is a listing of all properties considered to be significant historical resources in the state. The California Register includes all properties listed or determined eligible for listing on the National Register, including properties evaluated under Section 106, and State Historical Landmarks No. 770 and above. The California Register statute specifically provides that historical resources listed, determined eligible for listing on the California Register by the State Historical Resources Commission, or resources that meet the California Register criteria are resources which must be given consideration under CEQA. Other resources, such as resources listed on local registers of historic resources or in local surveys, may be listed if they are determined by the State Historic Resources Commission to be significant.

ENVIRONMENTAL ANALYSIS

The project site is not included on the City's list of designated historic resources. *Thus, no project impacts would result. The proposed project is consistent with this finding and there would be no environmental impacts.*

FINDING 5.6.6. - STATE TRUSTEE OR RESPONSIBLE AGENCY APPROVAL

THRESHOLDS OF SIGNIFICANCE

The approval of the proposed project must not require any approvals from a State responsible or trustee agency.

ENVIRONMENTAL ANALYSIS

The proposed project would not require any review by a state trustee or responsible agency. No encroachment permit to a State Highway would be required as part of the proposed project's implementation. *Therefore, no project impacts would result. The proposed project is consistent with this finding and there would be no environmental impacts.*

CONCLUSIONS

Based on the analysis provided in this Categorical Exemption, the project meets and complies with the conditions and requirements of Class 32 (Infill Exemption) and would not have any significant environmental impacts.

CITY OF PICO RIVERA CITY COUNCIL
NOTICE OF PUBLIC HEARING TO CONSIDER THE APPROVAL OF VESTING TENTATIVE TRACT MAP 84271

NOTICE IS HEREBY GIVEN that a public hearing will be held before the City of Pico Rivera City Council to consider the approval of the following: Vesting Tentative Tract Map 84271, a request by Brandywine Homes to subdivide a parcel for a 95-unit townhome development on a 4.04-acre lot located at 6540 Rosemead Boulevard (Assessor Property Number 6378-017-004).

WHEN: Tuesday , April 23, 2024

TIME: 6:00 P.M.

WHERE: City Hall Council Chambers
6615 Passons Boulevard
Pico Rivera, CA 90660

This project has been assessed in accordance with the authority and criteria contained in the California Environmental Quality Act (CEQA, Public Resources Code Sections 21000 et seq.), the State CEQA Guidelines (California Code of Regulations, Title 14, Sections 15000 et seq.), and the environmental regulations of the City. Upon review, the project qualifies for a Class 32 Categorical Exemption (In-Fill Development Projects) in accordance with the requirements of Section 15332 of the State CEQA Guidelines.

PERSONS INTERESTED IN THIS MATTER wishing to observe the meeting may do so in the following ways:

(1) Turn your TV to Channel 3;
(2) City's website at http://www.pico-rivera.org/depts/admin/pio/programming.asp;
(3) Email public comments to aneli.gonzalez@pico-rivera.org prior to 4:00 p.m. on the day of the meeting;
(4) Attend the Public Hearing in person

Copies of all relevant material including project specifications are available to the public for review in the Community & Economic Development Department at City Hall, 6615 Passons Boulevard, Pico Rivera, California. Additional information may be found at the City's website at https://www.pico-rivera.org/private-projects/. Please contact Aneli Gonzalez, Assistant Planner at 562-801-4307 for additional questions.

If you challenge the consideration or adoption of the proposed applications in court, you may be limited to raising only those issues you or someone else raised at the public hearing described in this notice, or written correspondence delivered to the City of Pico Rivera City Clerk at, or prior to, the public hearing.

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In compliance with the Americans with Disabilities Act of 1990, the City of Pico Rivera is committed to providing reasonable accommodations for a person with a disability. Please contact Cynthia Ayala at (562) 801-4389 if special program accommodations are necessary and/or if program information is needed in an alternative format. Special requests must be made in a reasonable amount of time in order that accommodations can be arranged.

Project Location

REUNION DEL CONCEJO DE PICO RIVERA AVISO DE AUDIENCIA PÚBLICA PARA CONSIDERAR LA APROBACIÓN DEL MAPA DEL TRACTO TENTATIVO 84271

POR LA PRESENTE SE NOTIFICA que se llevará a cabo una audiencia pública antes el Concejo Municipal de Pico Rivera para considerar la aprobación de lo siguiente: Mapa Tentativo del Tracto 84271, una solicitud de Brandywine Homes para desarrollar casas adosadas de 95 unidades y un edificio recreativo con piscina en un lote de 4.04 acres ubicado en 6540 Rosemead Boulevard (Tasador Numero de Propiedad 6378-017-004).

CUÁNDO: Martes, 23 de Abril de 2024

HORA: 6:00 P.M.

DÓNDE: Cámara del Consejo (Pico Rivera City Hall)
6615 Passon Boulevard
Pico Rivera, CA 90660

Este proyecto ha sido evaluado de acuerdo con la autoridad y los criterios contenidos en la Ley de Calidad Ambiental de California (CEQA, Código de Recursos Públicos, Secciones 21000 y siguientes), las Pautas de la CEQA del Estado (Código de Regulaciones de California, Título 14, Secciones 15000 y siguientes), y la normativa ambiental de la Ciudad. Tras la revisión, el proyecto califica para una Exención Categórica de Clase 32 (Proyectos de Desarrollo de Relleno) de acuerdo con los requisitos de la Sección 15332 de las Directrices Estatales de CEQA.

LAS PERSONAS INTERESADAS EN ESTE ASUNTO que deseen observar la reunión pueden hacerlo de las siguientes maneras:

(1) Encienda su televisor en el Canal 3;
(2) Sitio web de la ciudad en http://www.pico-rivera.org/depts/admin/pio/programming.asp;
(3) Enviar comentarios públicos por correo electrónico a aneli.gonzalez@pico-rivera.org antes de las 4:00 p. m. el día de la reunión;
(4) Asistir personalmente a la Audiencia Pública

Las copias de todo el material relevante, incluyendo las especificaciones del proyecto, están disponibles para el público para su revisión en el Departamento de Desarrollo Económico y Comunitario en el Ayuntamiento, 6615 Passons Boulevard, Pico Rivera, California. Se puede encontrar información adicional en el sitio web de la Ciudad en https://www.pico-rivera.org/private-projects/. Comuníquese con Aneli González, Planificadora Asistente al 562-801-4307 si tiene preguntas adicionales.

Si impugna la consideración o adopción de las solicitudes propuestas en el tribunal, es posible que se limite a plantear solo aquellas cuestiones que usted u otra persona hayan planteado en la audiencia pública descrita en este aviso, o la correspondencia escrita entregada al Secretario Municipal de la Ciudad de Pico Rivera en o antes de la audiencia pública.

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De conformidad con la Ley de Estadounidenses con Discapacidades de 1990, la Ciudad de Pico Rivera se compromete a proporcionar adaptaciones razonables para una persona con discapacidad. Comuníquese con Cynthia Ayala al (562) 801-4389 si se necesitan adaptaciones especiales del programa y/o si se necesita información del programa en un formato alternativo. Las solicitudes especiales deben hacerse en un período de tiempo razonable para que se puedan organizar las adaptaciones.

Localización del Proyecto

CITY COUNCIL | AGENDA REPORT

To: Mayor and City Council

From: City Manager

Meeting Date: April 23, 2024

Subject: PUBLIC HEARING – FISCAL YEAR 2024-2025 COMMUNITY DEVELOPMENT BLOCK GRANT ANNUAL ACTION PLAN APPROVAL

Recommendation:

1. Approve a resolution authorizing the City Manager, or designee, to submit the fiscal year 2024-2025 Annual Action Plan to the U.S. Department of Housing and Urban Development; and

2. Authorize the City Manager to enter into agreements with eligible subrecipients and purchase of supplies, programs, and equipment as noted in the fiscal year 2024-2025 Annual Action Plan and budget.

Fiscal Impact:

There is no fiscal impact to the General Fund as a result of the approval of the Fiscal Year (FY) 2024-2025 Community Development Block Grant (CDBG) Annual Action Plan. It is anticipated that the City will receive $550,000 in CDBG funds. The attached FY 2024-2025 CDBG budget (Enclosure 2), reflects the projected appropriation of the FY 2024-2025 funding and projected expenditures and will be presented to the City Council with the FY 2024-25 Citywide Budget for appropriation.

Background:

The City of Pico Rivera (City) receives an annual funding allocation in Community Development Block Grant (CDBG) funds from the U.S. Department of Housing and Urban Development (HUD). These funds are used to develop viable communities by promoting integrated approaches that provide and expand economic opportunities for low- and moderate-income people. Examples include public services programs, social services, and economic development activities. Each year, the City prepares an Annual Action Plan in connection with the five-year Consolidated Plan, which details how the City will spend its allocated CDBG funds.

The Annual Action Plan has two (2) principal purposes:

- Identify the projects and programs to be undertaken during the upcoming fiscal year, and the proposed objectives and outcomes to be achieved within the overall context of the five-year Consolidated Plan; and

- Act as the City's application process for federal formula grants, comprised of the CDBG programs.

Activities funded with CDBG must meet at least one (1) of the following objectives:

- Benefit low- and moderate-income persons;
- Aid in the prevention or elimination of slums or blight; and
- Meet a need having a particular urgency (referred to as urgent need).

Priority funding for CDBG activities are typically given to activities that:

- Have a high benefit to low- and moderate-income persons;
- Have a detailed plan for permanent funding;
- Are likely to achieve their objectives and be successful;
- Use other public and private sources to the greatest extent possible;
- Support or coordinate with other community development efforts;
- Present a reasonable, sound budget; and
- Are implemented by organizations with a solid track record.

Discussion:

On January 19, 2024, the City issued a notice inviting community-based organizations, non-profits, city departments, and residents to submit proposals for CDBG funds to deliver public services in the Pico Rivera community. The deadline for proposal submissions was February 8, 2024. To assist potential applicants, a Public Services Technical Assistance Workshop was conducted on January 31, 2024, to answer any questions. City staff thoroughly reviewed all applications and collaborated closely with applicants to ensure that all required documentation was provided to establish program eligibility for funding of proposed activities.

In accordance with the HUD-approved Citizen Participation Plan, the City is required to hold a 30-day public comment period and publish a public notice specifying the date, time, and location of a public hearing to adopt the Annual Action Plan. The City hosted this 30-day public comment period from March 22, 2024, to April 23, 2024. The draft Action Plan, outlining the City's proposed uses of CDBG funds, was made available for public review during this period, with a notice published in *Los Cerritos Community News*.

HUD has not yet announced the final funding allocations for FY 2024-2025. The proposed allocations are based on estimates derived from the previous year's funding levels. Funding for activities may need to be adjusted after HUD announces final allocations.

The City's estimated CDBG entitlement allocation for FY 2024-2025 is **$550,000**. Additionally, the City has approximately **$132,356** in CDBG funds available to commit from prior fiscal years. This provides the City a total of **$682,356** in available funds to program in FY 2024-2025.

The proposed new CDBG estimated funding allocations for FY 2024-2025 are below:

Program Activity/Project	Funding Recommendation
Program Administration*	$99,500
Fair Housing Services*	$10,500
Southeast Area Social Services Funding Authority**	$40,000
Heart of Compassion**	$42,500
Handyworker Grant Program	$125,000
Teen Center Renovation Project	$364,856
Total	**$682,356**

** Subject to 20% Administration cap*
*** Subject to 15% Public Service cap*

Staff recommends allocating funds to the above-listed activities, which are further outlined below:

- Program administration funds are utilized for administration and planning activities, such as general management, oversight, preparing budgets and schedules, and preparing reports and other HUD-required documents. These funds help cover the consultant costs for the administration of the program. Planning and administration costs are capped to 20% of the program year's allocated CDBG entitlement, plus any program income received during that year.

- The City is required to provide fair housing resources via a provider who can provide guidance and mediation for fair housing issues and complaints involving landlords and tenants. Fair housing activities are eligible administrative activities, and these costs are also subject to the 20% administration cap.

- The Southeast Area Social Services Funding Authority (SASSFA) provides congregate meals at the Senior Center and home delivered meals to senior Pico Rivera residents. In addition to meals, SASSFA provides home chores/personal care and respite services. These are public service activities with costs capped to 15% of the program year's allocated CDBG entitlement, plus any program income received during that year.

- Heart of Compassion plans to offer direct assistance to low-income Pico Rivera residents by distributing fresh fruits, vegetables, and other essential items twice a

week. As public service activities these costs are also subject to the 15% public service cap.

- The Handyworker Grant Program is a home rehabilitation program. It allows up to $30,000 in grant funds for low-income homeowners with critical home repair needs. Staff recommends allocating $125,000 to this program for the upcoming fiscal year.

- Infrastructure and Public Facilities Improvements: Additional CDBG funds are recommended for allocation towards facility improvements at the Pico Rivera Youth Center. The additional funds support necessary change orders for the completion of this project. An extra $364,856 will be added to the prior year's CDBG program allocation of $348,812, resulting in a total of $713,668 in CDBG funding to go towards the Youth Center Renovation Project.

Environmental Analysis:

The plan has been reviewed with respect to the applicability of the California Environmental Quality Act (Public Resources Code Section 21000 et seq.) (CEQA). City staff has determined that the approval of the Annual Action Plan and budget does not have the potential for creating a significant effect on the environment and is therefore exempt from further review under CEQA pursuant to State CEQA Guidelines Section 15060(c)(3) because it is not a project as defined by the CEQA Guidelines Section 15378. Adoption of the resolution does not have the potential for resulting in either a direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment.

Conclusion:

It is recommended that the City Council approve a resolution authorizing the City Manager, or designee, to submit the FY 2024-2025 Annual Action Plan to HUD and enter into agreements with eligible subrecipients for the purchase of supplies, programs and equipment.

Steve Carmona

SC:AB:JG:EL:jj

Enclosures: 1) Resolution
2) Budget
3) FY 2024-2025 Annual Action Plan
4) Public Notice

RESOLUTION NO. ____

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PICO RIVERA, CALIFORNIA, APPROVING THE FISCAL YEAR 2024-2025 ANNUAL ACTION PLAN IN ACCORDANCE WITH THE U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT REGULATIONS

WHEREAS, the U.S. Department of Housing and Urban Development ("HUD") requires all jurisdictions that receive federal entitlement funds to prepare an Annual Action Plan that identifies the projects and programs to be funded with Community Development Block Grant ("CDBG"); and

WHEREAS, a fiscal year (FY) 2024-2025 Annual Action Plan was prepared which identifies several programs and projects for the fiscal year that are funded through the City of Pico Rivera's ("City") FY 2024-2025 estimated entitlement of $550,000; and

WHEREAS, City issued a notice soliciting proposals on January 19, 2024, from community-based organizations, non-profits, City departments, and residents interested in applying for these funds and providing services to the Pico Rivera community with a deadline to submit applications/proposals by February 8, 2024; and

WHEREAS, City staff published a public notice announcing the development of the aforementioned plans in the March 22, 2024, edition of the *Los Cerritos Community News* and a draft of the Annual Action Plan was uploaded on the City's Housing Services Division website for public review.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Pico Rivera as follows:

SECTION 1. The City Council does hereby declare that the above recitals are true and correct and incorporated herein by reference.

SECTION 2. The City Council of the City of Pico Rivera does hereby approve the FY 2024-2025 Annual Action Plan and budget.

SECTION 3. The City Manager, or designee, is hereby authorized to make all conforming modifications and edits and to execute all implementing documents required by HUD to receive and reallocate funding identified under the approved Annual Action Plan.

SECTION 4. The City Manager is hereby authorized to enter into agreements with eligible subrecipients.

SECTION 5. The City Clerk shall certify the passage and approval of this resolution, and it shall thereupon be in full force and effect.

APPROVED AND PASSED this 23rd day of April, 2024.

Andrew C. Lara, Mayor

ATTEST:

Cynthia Ayala, CMC, City Clerk

APPROVED AS TO FORM:

Arnold M. Alvarez-Glasman, City Attorney

AYES:
NOES:

COMMUNITY DEVELOPMENT BLOCK GRANT
DRAFT FISCAL YEAR (FY) 2024-2025 BUDGET

	FY 23-24 BUDGET	FY 23-24 PROJECTED EXPENDITURES	PROJECTED ACTIVITY BALANCE AT END OF FY 23-24	FY 24-25 BUDGET
	A	B	A – B = C	
HUD ENTITLEMENT ALLOCATION	$559,364		$550,000*	**$550,000***
FUNDS AVAILABLE TO COMMIT				**$132,356**
TOTAL BUDGET				**$682,356**
ADMINISTRATION (20% CAP) = $110,000*				
Program Administration	$101,372	$101,372	$ –	$99,500
Fair Housing Services	$10,500	$10,500	$ –	$10,500
ADMINISTRATION TOTAL	$111,872	$111,872	$ –	$110,000
PUBLIC FACILITIES & INFRASTRUCTURE				
Teen Center Renovation Project – Construction	$348,812	$348,812	$ –	$364,856
PUBLIC FACILITIES & INFRASTRUCTURE TOTAL	$348,812	$348,812	$ –	$364,856
AFFORDABLE HOUSING				
Handyworker Grant Program	$125,000	$ –	$125,000**	$125,000
AFFORDABLE HOUSING TOTAL	$125,000	$ –	$125,000**	$125,000
PUBLIC SERVICES (15% CAP) = $82,500*				
Southeast Area Social Services Funding Authority	$44,000	$44,000	$ –	$40,000
Heart of Compassion	$39,904	$39,904	$ –	$42,500
PUBLIC SERVICES TOTAL	$83,904	$83,904	$ –	$82,500
TOTAL APPROVED BUDGET	$669,588	$544,588	$125,000**	**$682,356**

** Based on an estimated FY 2024-2025 HUD entitlement amount.*

*** Funds allocated for the Handyworker Grant Program in FY 2023-2024 are anticipated to remain unspent due to the need to issue a competitive bid process for an administrator. Funding is expected to be carried over and reallocated at a forthcoming City Council public hearing.*

Fiscal Year 2024-2025 Annual Action Plan

Community & Economic Development Department

DRAFT

POSTED 3/22/2024

REVISED 3/28/2024

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DRAFT

Executive Summary

AP-05 Executive Summary - 24 CFR 91.200(c), 91.220(b)

1. Introduction

The 2024-2025 Annual Action Plan for the City of Pico Rivera satisfies the requirements to receive Community Development Block Grant (CDBG) funds from the U.S. Department of Housing and Urban Development (HUD). The CDBG program was created by the Housing and Community Development Act (HCDA) of 1974. The primary objective of the CDBG program is to develop viable urban communities by providing decent housing, a suitable living environment, and economic opportunities, principally for persons of low- and moderate-income.

Regulations governing the CDBG program require that each activity undertaken with CDBG funds meet one of the three national objectives:

- Benefit low- and moderate-income persons.
- Aid in the prevention or elimination of slums and blight.
- Meet a community development need having a particular urgency.

As a recipient of CDBG funds, the City is required to prepare a five-year strategic plan that identifies housing and community needs, prioritizes these needs, and develops a strategic plan to address priority needs. This document is called the Consolidated Plan. The City's most recent Consolidated Plan covers the fiscal years 2020-2025. On an annual basis, the City prepares an annual action plan that identifies the specific activities the City will undertake with its annual CDBG allocation to meet the priority needs identified in the Consolidated Plan. Fiscal Year (FY) 2024-2025 is the fifth year of the Consolidated Plan cycle.

For FY 2024-25, the City's CDBG Entitlement grant is estimated at $550,000. Additionally the City anticipates having approximately $132,356 of carryover and previously unprogrammed CDBG funds; this provides the City a total of $682,356 in available funds to program in FY 2024-2025. The City does not anticipate any program income.

2. Summarize the objectives and outcomes identified in the Plan

The 2020-2025 Consolidated Plan is a five-year strategic plan that utilizes an extensive analysis of housing and community market data to identify priority needs. Corresponding goals and objectives for the use of CDBG funds are established and are carried out through the development of the Annual Action Plan.

The following are high priority activities that have been identified as part of the five-year Consolidated Plan period:

- Housing Rehabilitation
- Neighborhood Preservation
- Promote Fair Housing
- Public Facilities and Infrastructure
- Public Services
- Emergency Services
- CDBG Administration

The table below summarizes the goals/objectives and outcomes identified in the 2020-2025 Consolidated Plan:

Sort Order	Goal Name	Start Year	End Year	Category	Geographic Area	Objective/Needs to Address	Goal Outcome Indicator
1	Affordable Housing	2020	2025	Affordable Housing	Citywide	Provide decent affordable housing	Homeowner Housing Rehabilitated: 50 Households/ Housing Units
2	Neighborhood Preservation	2020	2025	Non-Housing Community Development Neighborhood Preservation	Citywide	Maintain and promote neighborhood preservation	Housing Code Enforcement/Foreclosed Property Care: 500 Households/Housing Units
3	Fair Housing	2020	2025	Affordable Housing	Citywide	Affirmatively further fair housing	Public Service Activities Other than Low/Moderate Income Housing Benefit: 550 Persons Assisted
4	Public Services	2020	2025	Public Services	Citywide	Provide public services for extremely low, low and moderate-income residents	Public Service Activities Other than Low/Moderate Income Housing Benefit: 2,000 Persons Assisted

DRAFT

3. Evaluation of past performance

FY 2023-24, the fourth year of the City's 2020-2025 Consolidated Plan cycle, is not yet complete. The evaluation below is based on the City's performance in meeting the prior year's Annual Action Plan goals as noted in the FY 2022-2023 Consolidated Annual Performance and Evaluation Report (CAPER). A summary of prior accomplishments is listed below:

Through the Handy Worker Program, three (3) homes were rehabilitated. The program helps senior, disabled, and/or low- or moderate- income homeowners.

Public services were provided to 378 low- or moderate- income individuals.

Fair Housing services were provided to 93 Pico Rivera residents through Southern California Housing Rights Center.

4. Summary of Citizen Participation Process and Consultation Process

As required by HUD, the public was provided an opportunity to review and comment on the draft 2024-2025 Annual Action Plan. The draft Action Plan was available for public review for and comment for a minimum of 30 days from March 22, 2024 to April 23, 2024. Copies of the Action Plan were available to the public on the City's website.

5. Summary of public comments

Pending – to be updated after public hearing.

6. Summary of comments or views not accepted and the reasons for not accepting them

Pending – to be updated after public hearing.

7. Summary

The Annual Action Plan serves as the link between the Consolidated Plan objectives developed to address priority housing and community needs with the use of federal resources (i.e., CDBG). The Annual Action Plan provides specific information regarding the resources and activities the City will utilize to address priority needs and specific objectives identified in the Consolidated Plan during a 12-month period. The implementation of the FY 2024-2025 Action Plan will begin July 1, 2024, and end June 30, 2025. The Annual Action Plan will serve as the City's application to HUD for the anticipated $550,000 in CDBG funds for FY 2024-2025, and as an expenditure plan for grant funds, prior year grant funds, and program income resources.

PR-05 Lead & Responsible Agencies – 91.200(b)

1. Agency/entity responsible for preparing/administering the Consolidated Plan

Describe the agency/entity responsible for preparing the Consolidated Plan and those responsible for administration of each grant program and funding source.

Agency Role	Name	Department/Agency
CDBG Administrator	City of Pico Rivera	Community & Economic Development Department

Table 1 – Responsible Agencies

Narrative (optional)

The City of Pico Rivera's Community and Economic Development Department is primarily responsible for administration of CDBG funds. The City is not a direct recipient of HUD HOME grant funds.

Consolidated Plan Public Contact Information

Julia Gonzalez, Deputy Director
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AP-10 Consultation – 91.100, 91.200(b), 91.215(l)

1. Introduction

As required by HUD, nonprofits and community residents were provided an opportunity to review and comment on the draft 2024-2025 Annual Action Plan.

Residents were encouraged to participate in a public hearing held on April 23, 2024. The draft Annual Action Plan was available for public review and comment for a minimum of 30 days, March 22, 2024 to April 23, 2024. Copies of the Action Plan were available to the public on the City's website.

Provide a concise summary of the jurisdiction's activities to enhance coordination between public and assisted housing providers and private and governmental health, mental health and service agencies (91.215(l))

The principal provider of community development and economic development programs, housing projects, and financial support is the City of Pico Rivera. The Pico Rivera Housing Assistance Agency administers the Section 8 Voucher program. Activities to be undertaken by the Housing Assistance Agency are identified in the Public Housing Agency (PHA) Five-Year Action Plan.

Activities to enhance coordination between public and assisted housing providers and governmental health, mental health, and service agencies are conducted on a regular basis including inviting applications from various (i.e., housing, mental health, etc.) providers.

Continued coordination is anticipated for planning efforts, as well as project implementation, between all these groups.

Describe coordination with the Continuum of Care and efforts to address the needs of homeless persons (particularly chronically homeless individuals and families, families with children, veterans, and unaccompanied youth) and persons at risk of homelessness.

The City coordinates the delivery of homeless services with the Los Angeles Homeless Services Authority (LAHSA). For over 20 years, LAHSA has been the primary applicant to HUD on behalf of the Los Angeles Continuum of Care. LAHSA provides grants to homeless organizations in Pico Rivera. These programs provide support services and shelter opportunities for situationally homeless individuals and families, and the chronically homeless.

The City of Pico Rivera is also a member of the Gateway Cities Council of Governments (COG) which leads efforts to address homelessness within the southeast Los Angeles County

region. COG members collaborate and continually seek funding to develop a plan to advance individuals from homelessness to a stable and productive life. Existing models of success have been identified in the work of the Gateway Cities Ad Hoc Committee on Homelessness.

CDBG funding is also provided to social services organizations to assist low-income Pico Rivera residents in need of assistance.

Describe consultation with the Continuum(s) of Care that serves the jurisdiction's area in determining how to allocate ESG funds, develop performance standards for and evaluate outcomes of projects and activities assisted by ESG funds, and develop funding, policies and procedures for the operation and administration of HMIS.

The City of Pico Rivera is not a recipient of ESG funds thus it is not involved in the allocation of ESG funds, developing performance standards, program outcomes, or operational/Homeless Management Information System (HMIS) policies and procedures.

2. Describe Agencies, groups, organizations and others who participated in the process and describe the jurisdiction's consultations with housing, social service agencies and other entities

The agencies and organizations below participated in the consultation during the City's Consolidated Plan and remain active partners with the City to enhance the coordination of services to City residents.

Table 2 – Agencies, groups, organizations who participated

1	**Agency/Group/Organization**	Housing Rights Center
	Agency/Group/Organization Type	Services-Fair Housing
	What section of the Plan was addressed by Consultation?	Fair Housing
	Briefly describe how the Agency/Group/Organization was consulted. What are the anticipated outcomes of the consultation or areas for improved coordination?	Organization provides input on fair housing issues, and landlord/tenant complaints.
2	**Agency/Group/Organization**	Los Angeles Housing Services Authority (LAHSA)
	Agency/Group/Organization Type	Services-Homeless

	What section of the Plan was addressed by Consultation?	**Homeless Needs** **Homeless Strategy Continuum of Care**
	Briefly describe how the Agency/Group/Organization was consulted. What are the anticipated outcomes of the consultation or areas for improved coordination?	**Input was obtained via website and published reports.** **City homeless count, strategies, and ongoing coordination.**
3	Agency/Group/Organization	**Habitat for Humanity**
	Agency/Group/Organization Type	**Housing**
	What section of the Plan was addressed by Consultation?	**Housing Need Assessment**
	Briefly describe how the Agency/Group/Organization was consulted. What are the anticipated outcomes of the consultation or areas for improved coordination?	**Via public services application and e-mail.** **Homeowner housing rehabilitation needs**
4	Agency/Group/Organization	**Los Angeles County Department of Health**
	Agency/Group/Organization Type	**Services – Persons with HIV/AIDS** **Services – Childhood Lead Based Paint Poisoning**
	What section of the Plan was addressed by Consultation?	**Data on People Living with HIV/AIDS (PLWA)** **Lead Based Paint Strategy**
	Briefly describe how the Agency/Group/Organization was consulted. What are the anticipated outcomes of the consultation or areas for improved coordination?	**Via reviews of published reports** **Improved coordination on addressing lead-based paint hazards**

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Identify any Agency Types not consulted and provide rationale for not consulting.

No agency was knowingly excluded from the consultation process.

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Other local/regional/state/federal planning efforts considered when preparing the Plan.

Name of Plan	Lead Organization	How do the goals of your Strategic Plan overlap with the goals of each plan?
State Plan for Independent Living (SPIL) for 2021- 2023	State Independent Living Council (SILC)	The Strategic Plan has goals in support of the State Plan for Independent living for seniors and those who may be frail and/or disabled.
Los Angeles Continuum of Care	Los Angeles Homeless Services Authority (LAHSA)	The Continuum of Care identifies funding and activities assisting LA County's homeless. The City's homeless goals and strategy support those of the Continuum of Care.
Area Plan on Aging July 1, 2024 to June 30, 2028 Area Plan Update July 1, 2023 to June 30, 2024	Los Angeles County PSA 19	The Strategic Plan supportive housing goals for the elderly and frail elderly support those of the Area Plan on Aging.
Los Angeles County Comprehensive HIV Plan (2017-2021)	Los Angeles County Commission on HIV County of Los Angeles Department of Public Health	The Strategic Plan includes goals based on the goals, needs and strategies identified in the County's Comprehensive HIV Plan.
2014-2021 Housing Element of the General Plan	City of Pico Rivera	Primary policy document for the development of affordable and market rate housing to address current and future needs.
Capital Improvement Plan	City of Pico Rivera	Multi-year public facility and infrastructure improvement plan.

Table 3 – Other local / regional / federal planning efforts

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Narrative (optional)

None

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AP-12 Participation – 91.105, 91.200(c)

1. Summary of citizen participation process/Efforts made to broaden citizen participation

To ensure residents were aware of the draft 2024-2025 Annual Action Plan, the City published a notice in the Los Cerritos Community Newspaper which announced a 30-day public review period for the plan and announced a City Council-held public hearing.

Citizen Participation Outreach

Sort Order	Mode of Outreach	Target of Outreach	Summary of response/attendance	Summary of comments received	Summary of comments not accepted and reasons
1	Public Hearing City Council Mtg. 09/12/2023	Non-targeted/ broad community	No public comments received.	No public comments received.	N/A
2	Public Notice Published 03/22/2024	Non-targeted/ broad community	N/A	N/A	N/A
3	Public Review Period 03/22/2024-04/23/2024	Non-targeted/ broad community	N/A	N/A	N/A
4	Public Hearing City Council – 04/23/2024	Non-targeted/ broad community	Pending – to be updated after public hearing.	Pending – to be updated after public hearing.	Pending – to be updated after public hearing.

Table 4 – Citizen Participation Outreach

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Expected Resources

AP-15 Expected Resources – 91.220(c)(1,2)

Introduction

Anticipated Resources

Program	Source of Funds	Uses of Funds	Expected Amount Available Year 1				Expected Amount Available Remainder of ConPlan $	Narrative Description
			Annual Allocation: $	Program Income: $	Prior Year Resources: $	Total: $		
CDBG	Public - Federal	Acquisition, Admin & Planning, Economic Development, Housing, Public Improvements, Public Services	$550,000	$0.00	$132,356	$682,356	$0	A formula-based program that annually allocates funds to metropolitan cities, urban counties, and states for a wide range of eligible housing and community development activities.

Table 5 - Expected Resources – Priority Table

Explain how federal funds will leverage those additional resources (private, state and local funds), including a description of how

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matching requirements will be satisfied.

The City will attempt to leverage grants and other funding when appropriate to meet the objectives of the Annual Action Plan. As needed and available, the City will allocate local funds to undertake CDBG Administration, Housing Services Activities, ADA public facility improvement projects, and other activities that support local organizations that provide social services for residents.

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If appropriate, describe publicly owned land or property located within the jurisdiction that may be used to address the needs identified in the plan.

There is no publicly owned land that is available at this time to address the needs described in the Consolidated Plan. However, the City does explore opportunities to partner with non-profits to address unmet housing needs.

Discussion

N/A

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Annual Goals and Objectives

AP-20 Annual Goals and Objectives

Goals Summary Information

Sort Order	Goal Name	Start Year	End Year	Category	Geographic Area	Needs Addressed	Funding	Goal Outcome Indicator
1	Affordable Housing	2024	2025	Affordable Housing	Citywide	Provide decent affordable housing	CDBG: $125,000	Homeowner Housing Rehabilitated: 4 Household/Housing Units
2	Fair Housing	2024	2025	Affordable Housing	Citywide	Affirmatively further fair housing	CDBG: $10,500	80 Persons Assisted
3	Public Services	2024	2025	Public Services	Citywide	Provide public services for extremely- low to moderate- income residents	CDBG: $82,500	Public Service Activities Other than Low/Moderate Income Housing Benefit: 425 Persons Assisted
4	Public Facilities and Infrastructure	2023	2025	Non-Housing Community Development	Citywide	Construct or upgrade public facilities and infrastructure	CDBG: $364,856	Public Facility or Infrastructure Activities Other than Low/Moderate Income Housing Benefit: 100 Persons Assisted
5	Administration	2024	2025	Administration	Citywide	Administration	CDBG: $99,500	Other: 0 other

Table 6 – Goals Summary

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Goal Descriptions

1	**Goal Name**	Affordable Housing
	Goal Description	CDBG funds will be used to help low/moderate income homeowners to rehabilitate their homes.
2	**Goal Name**	Fair Housing
	Goal Description	CDBG funds will be used to pay for fair housing services to promote equal housing opportunity and affirmatively further fair housing.
3	**Goal Name**	Public Services
	Goal Description	CDBG funds will be used to provide a variety of public services.
4	**Goal Name**	Public Facilities and Infrastructure
	Goal Description	CDBG funds will be used to upgrade and construct public facilities and infrastructure.
5	**Goal Name**	Administration
	Goal Description	CDBG funds will be used to implement the funded activities and projects.

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Projects

AP-35 Projects – 91.220(d)

Projects

#	Project Name
1	CDBG PROGRAM ADMINISTRATION
2	FAIR HOUSING (ADMIN)
3	SOUTHEAST AREA SOCIAL SERVICES FUNDING AUTHORITY
4	HEART OF COMPASSION
5	HANDYWORKER GRANT PROGRAM
6	TEEN CENTER RENOVATION- CONSTRUCTION

Table 7 - Project Information

Describe the reasons for allocation priorities and any obstacles to addressing underserved needs.

CDBG funds have been allocated to address the housing and services of City residents. Services are aimed at providing a safety net for at risk populations (e.g., seniors, low-income households at risk of becoming homeless), and to help maintain safe and decent housing and neighborhoods.

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AP-38 Project Summary

Project Summary Information

1	**Project Name**	CDBG PROGRAM ADMINISTRATION
	Target Area	City Wide
	Goals Supported	CDBG Grant Administration
	Needs Addressed	Administration
	Funding	CDBG: $99,500
	Description	Program Management and Oversight
	Target Date	6/30/2025
	Estimate the number and type of families that will benefit from the proposed activities	N/A
	Location Description	6615 Passons Boulevard, Pico Rivera, CA 90660
	Planned Activities	CDBG Administration
2	**Project Name**	FAIR HOUSING (ADMIN)
	Target Area	City Wide
	Goals Supported	Promote equal housing opportunity
	Needs Addressed	Promote equal housing opportunity
	Funding	CDBG: $10,500

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	Description	CDBG funds will be used to provide fair housing services to residents to prevent discrimination, provide referrals, investigations, case management, and litigation, and resolve landlord tenant disputes.
	Target Date	6/30/2025
	Estimate the number and type of families that will benefit from the proposed activities	80 persons assisted
	Location Description	City Wide
	Planned Activities	Fair housing activities.
3	**Project Name**	SOUTHEAST AREA SOCIAL SERVICES FUNDING AUTHORITY (SASSFA)
	Target Area	City Wide
	Goals Supported	Support special needs programs and services
	Needs Addressed	Support special needs programs and services
	Funding	CDBG: $40,000
	Description	Senior Nutrition Services at the Senior Center and home delivered meals.
	Target Date	6/30/2025
	Estimate the number and type of families that will benefit from the proposed activities	400 Households
	Location Description	City Wide

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	Planned Activities	Senior Nutrition Services at the Senior Center and home delivered meals.
4	**Project Name**	Heart of Compassion
	Target Area	City Wide
	Goals Supported	Support special needs programs and services
	Needs Addressed	Support special needs programs and services
	Funding	CDBG: $42,500
	Description	Provide direct assistance to low-income persons through the public distribution of fresh fruits, vegetables, and other essential items two times a week.
	Target Date	6/30/2025
	Estimate the number and type of families that will benefit from the proposed activities	25 Households
	Location Description	City Wide
	Planned Activities	Provide direct assistance to low-income persons through the public distribution of fresh fruits, vegetables, and other essential items two times a week.
5	**Project Name**	HANDYWORKER GRANT PROGRAM
	Target Area	City Wide
	Goals Supported	Provide decent affordable housing
	Needs Addressed	Provide decent affordable housing
	Funding	CDBG: $125,000
	Description	Home rehabilitation program that offers grants to low-income homeowners for critical home repair needs

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	Target Date	6/30/2025
	Estimate the number and type of families that will benefit from the proposed activities	4 households
	Location Description	City Wide
	Planned Activities	Home rehabilitation program that offers grants to low-income homeowners for critical home repair needs
6	**Project Name**	TEEN CENTER RENOVATION- CONSTRUCTION
	Target Area	City Wide
	Goals Supported	Public Facilities and Infrastructure
	Needs Addressed	Public Facilities and Infrastructure
	Funding	CDBG: $364,856
	Description	CDBG funds will be used for upgrades to the teen center. Additional funds are being added to the existing activity to cover additional costs. With the additional funds the overall project total is $713,668.
	Target Date	6/30/2025
	Estimate the number and type of families that will benefit from the proposed activities	Improvement will benefit low to moderate income youth who visit the center.
	Location Description	City Wide
	Planned Activities	CDBG funds will be used for upgrades to the teen center. Additional funds are being added to the existing activity to cover additional costs.

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AP-50 Geographic Distribution – 91.220(f)

Description of the geographic areas of the entitlement (including areas of low-income and minority concentration) where assistance will be directed.

CDBG program funds will be expended based on program criteria. For example, public services are available on a citywide basis for qualified beneficiaries; Capital Improvement Projects will target eligible low-moderate income areas; fair housing and program administration activities will also be carried out on a citywide basis.

Geographic Distribution

Target Area	Percentage of Funds
Citywide	100

Table 8 - Geographic Distribution

Rationale for the priorities for allocating investments geographically.

As the City's CDBG-eligible areas tend to be older sections of the City, area-wide activities will help to improve and sustain neighborhoods.

Discussion

CDBG-funded services will be available citywide.

Affordable Housing

AP-55 Affordable Housing – 91.220(g)

Introduction

One Year Goals for the Number of Households to be Supported	
Homeless	0
Non-Homeless	350
Special-Needs	0
Total	350

Table 9 - One Year Goals for Affordable Housing by Support Requirement

One Year Goals for the Number of Households Supported Through	
Rental Assistance	0
The Production of New Units	0
Rehab of Existing Units	4
Acquisition of Existing Units	0
Total	4

Table 10- One Year Goals for Affordable Housing by Support Type

Discussion

An estimated four housing units will be rehabilitated during the FY 2024-2025, which will help support households maintain affordable housing. The Pico Rivera Housing Assistance Agency will also provide rental assistance to 350 households (total vouchers).

AP-60 Public Housing – 91.220(h)

Introduction

Neither the City of Pico Rivera, nor the City's Housing Assistance Agency, own or operate public housing. The City's Housing Assistance Agency does provide rental assistance vouchers and certificates to eligible households (leased up vouchers).

Actions planned during the next year to address the needs of public housing.

Not applicable.

Actions to encourage public housing residents to become more involved in management and participate in homeownership.

Not applicable.

If the PHA is designated as troubled, describe the manner in which financial assistance will be provided or other assistance.

Not applicable.

Discussion

Not applicable.

AP-65 Homeless and Other Special Needs Activities – 91.220(i)

Introduction

Pico Rivera recognizes its responsibility to assist at risk households and the homeless as such, it has designated homelessness prevention as a high priority for the community; emergency and transitional shelters are also designated as high priority needs. City partnerships with local agencies support client outreach and assessment.

Describe the jurisdiction's one-year goals and actions for reducing and ending homelessness including reaching out to homeless people (especially unsheltered persons) and assessing their individual needs.

The City makes use of and partners with available County resources to outreach and address issues pertaining to homelessness. The Los Angeles Homeless Services Authority (LAHSA) operates the Los Angeles County Homeless Outreach Portal where anyone in the City (i.e., City staff, business owners, residents) can request that a County homeless outreach team be dispatched to assess a person's needs and potentially make a referral for additional services.

Addressing the emergency shelter and transitional housing needs of homeless people.

The City is an active participant in regional homeless planning efforts including those of LAHSA. Through these efforts, the City can coordinate the use of limited CDBG funds to address local homeless needs and contribute to a regional strategy to reduce homelessness. CDBG public service grants may be used to provide a safety net for area residents that are also at risk of becoming homeless.

Helping homeless persons (especially chronically homeless individuals and families, families with children, veterans and their families, and unaccompanied youth) make the transition to permanent housing and independent living, including shortening the period of time that individuals and families experience homelessness, facilitating access for homeless individuals and families to affordable housing units, and preventing individuals and families who were recently homeless from becoming homeless again.

Permanent housing and independent living are the end goal of the City's homeless prevention efforts. To this end, the City will encourage service providers to make every effort to minimize the amount of time an individual/household remain homeless, provide access to affordable housing, and to minimize recidivism. In recent years, the "housing first" model has been implemented by several homeless service providers. These rapid rehousing programs have helped reduce the number of those experiencing homelessness

by providing permanent shelter and critical supportive services.

Helping low-income individuals and families avoid becoming homeless, especially extremely low-income individuals and families and those who are: being discharged from publicly funded institutions and systems of care (such as health care facilities, mental health facilities, foster care and other youth facilities, and corrections programs and institutions); or, receiving assistance from public or private agencies that address housing, health, social services, employment, education, or youth needs.

Although the City has limited funds, it is committed to assisting low-income individuals and families avoid experiencing homelessness. The City is an active participant in regional homeless planning efforts including those of LAHSA. Through these efforts, the City can coordinate the use of limited CDBG funds to address local homeless needs and contribute to a regional strategy to reduce homelessness. CDBG public service grants can provide a safety net for area residents that are also at risk of becoming homeless.

The City of Pico Rivera is actively engaged in a range of coordinated efforts and active collaboration among community organizations, the business community and concerned residents dedicated to overcoming homelessness in our community. The City currently engages a full-time Sheriff's Deputy who assists the unsheltered in the city. The City of Pico Rivera partners with the following non-profits that assist low-income individuals and families to avoid homelessness:

Whittier First Day- local non-profit organization which provides the following services: transitional bridge housing, on-site meals, clothing, 12 step meetings, education, training, employment assistance, transportation, on-site health clinic, health screenings, mental health services, and case management.

The Whole Child - provides children, adolescents, and families in the community with affordable, culturally sensitive, and professional mental services. Services include free parenting education in English and Spanish, child abuse prevention, anger management classes, substance abuse help, and counseling for teens.

Los Angeles Homeless Services Authority (LAHSA) - which is a joint government agency that is responsible for addressing homelessness in our region. LAHSA also operated the County Homeless assistance portal LA-HOP.org, which is an outreach portal designed to allow government agencies and residents to initiate an outreach referral and connect a person experiencing homelessness directly to local services.

People Assisting the Homeless (PATH) - Lead agency assisting single adults experiencing homelessness within our community. PATH helps people find permanent housing and provides case management, medical and mental healthcare, benefits advocacy, employment training, and other services to people experiencing homelessness.

Jovenes- Assists youth ages 18-25. Provides housing assistance, healthcare, education, employment, and trauma recovery.

Transit Deputy – Serve as point of contact for people experiencing homelessness throughout the City. The Los Angeles County Deputy provides in-the-field case management (connect persons to shelter, food, and housing). He also serves as the lead on encampment clean-ups and addresses local business concerns related to homelessness.

Discussion

The City also makes referrals to 2-1-1 which is a comprehensive informational and referral system linking Los Angeles County residents to community health and human services and support. 2-1-1 connects people every day to shelters, food, low-cost counseling, subsidized childcare, employment services, and a range of services for individual and family self-sufficiency.

The programs identified above, which address various needs that can help support individuals or families avoid homelessness, demonstrate that addressing this issue is complex and requires many partners to come to the table. The City is fortunate that it can utilize this network of agencies to provide housing and supportive services.

AP-75 Barriers to affordable housing – 91.220(j)

Introduction:

Barriers to affordable housing and actions to overcome barriers are detailed in the City's Housing Element and mirrored in the Consolidated Plan.

Actions it planned to remove or ameliorate the negative effects of public policies that serve as barriers to affordable housing such as land use controls, tax policies affecting land, zoning ordinances, building codes, fees and charges, growth limitations, and policies affecting the return on residential investment.

The City will utilize several policies intended to provide additional flexibility in housing site planning and promote more intense development where appropriate:

- The City's Housing Sites Inventory Program helps ensure that the City continuously monitors available sites in the area that may be appropriate for residential uses.
- Density Floor is another tool that can be used to promote the maximum use of residential land. The Density Floor would establish a minimum density requirement within a given residential land-use designation. The availability of developable acreage in upper density ranges allows for the development of certain types of housing.
- The City will continue to consider alternate forms of residential development, including various types of small-lot, single-family subdivisions; mobile home parks that allow owner-occupied spaces; senior citizen multifamily housing developments offering various degrees of care and assistance; mixed-use residential, and planned unit developments.
- Developers will be encouraged to pursue projects providing low- and moderate-income housing. California has provided regulations to govern the approval process, permitting greater density for affordable housing projects that include additional incentives to the developer. The City utilizes this Density Bonus to encourage developers interested in additional density with an incentive to develop a portion of their market rate project as affordable to low- and moderate- income households.

Discussion:

The Pico Rivera Housing Element and 2020-2025 Consolidated Plan identify barriers to the provision of affordable housing and provided a strategy to address barriers. Outlined above are steps the City identified it will undertake during the 2020-2025 planning period

to overcome barriers. These actions will continue to be implemented during FY 2024-25.

AP-85 Other Actions – 91.220(k)

Introduction:

Outlined below are the actions the City will implement to address the "Other" sub-strategies of the Consolidated Plan.

Actions planned to address obstacles to meeting underserved needs.

The City of Pico Rivera's 2020-2025 Consolidated Plan proposes projects and activities to meet housing and community priorities needs. The Plan includes programs, projects, and activities to be undertaken that address the needs of the underserved in Pico Rivera. Specific activities to be carried out during FY 2024-25 include the following:

- Support for nonprofit agencies, particularly those that provide social services for special needs populations, i.e. – senior and lower income households with a cost burden.
- Programs that improve the living environment of low- and moderate-income families residing in substandard housing, e.g., handy worker repairs/improvements, public facility/infrastructure improvements.
- Programs that promote fair housing, especially among lower income households.

Actions planned to foster and maintain affordable housing.

In general, the City will utilize several policies to provide flexibility in housing site planning and to promote more intense development where appropriate. The City's Housing Sites Inventory Program helps ensure that the City monitors available sites that may be appropriate for residential uses. The City will also continue to consider alternate forms of residential development, including small-lot, single-family subdivisions; mobile home parks that allow owner-occupied spaces; senior citizen multifamily housing developments offering various degrees of care and assistance; mixed-use residential, office and commercial developments; and planned unit developments. Additionally, the City will encourage developers to pursue projects providing low- and moderate-income housing by providing incentives such as a density bonus. If appropriate and available, subsidies to offset the cost of acquisition, development or project-related off-site improvements may be considered.

Actions planned to reduce lead-based paint hazards.

HUD's Lead Based Paint regulations require all units assisted with CDBG and HOME

funds be inspected and abated. The City does not receive HOME funds, but its CDBG Handyworker program guidelines include measures to ensure compliance with the regulations which comply with the requirements of Lead Safe Housing Regulation 24 CFR Part 35 effective September 15, 2000, and the subsequent September 2000 HUD transition assistance policy. The City will refer any cases of suspected lead poisoning to the Los Angeles County Public Health Department for investigation.

Additionally, in accordance with current federal regulations, the City of Pico Rivera's policy regarding lead-based paint hazards states that all housing units that receive some form of City housing rehabilitation assistance, that were built prior to 1978, must undergo lead- based paint testing prior to receiving funding for rehabilitation. If deteriorated lead-based paint surfaces are found, they must be stabilized during the rehabilitation of the property. Abatement must be performed by a certified lead-based paint professional, and a Clearance Inspection must be issued by the certified lead-based paint assessor prior to the issuance of a Notice of Completion.

Actions planned to reduce the number of poverty-level families.

The activities and services the City will provide during FY 2024-25 to combat and prevent poverty include the following:

- Preserve affordable housing options for residents including housing rehabilitation assistance and federal rental assistance via Housing Choice Voucher and Certificates administered by the Pico Rivera Housing Assistance Agency.
- Provide public services to assist lower-income seniors and households to improve their quality of life.

Actions planned to develop institutional structure.

The City has tried to develop an institutional structure that will help identify and access resources to improve the community. The City will continue to work with nonprofit entities to deliver public services. As a partner of LAHSA, the City will provide critical information to the County of Los Angeles for preparation of the County's Continuum of Care Homeless Assistance grant applications. Pico Rivera will provide critical information regarding mainstream funds the City will make available to serve the homeless and will also assist in identifying and prioritizing gaps and needs in the regional system of care. Additionally, the

City will continue to assist the Housing Authority implement its Five-year Public Housing Authority (PHA) Plan.

The City is also a participant in the Gateway Cities Council of Governments (COG) which is addressing homelessness in southeast Los Angeles County region. COG members represent a variety of local, County, and special districts government agencies. The COG model helps break down existing institutional barriers and create new opportunities for cooperative-based regional solutions.

Actions planned to enhance coordination between public and private housing and social service agencies.

The City's Community and Economic Development Department works closely with other City departments and the community to develop programs and activities that improve low- and moderate-income neighborhoods throughout Pico Rivera. The administration of program activities includes housing, public facility and infrastructure improvements, public and social service activities, and economic development activities. The City collaborates with public agencies, for-profit agencies, and non-profit organizations to provide the programming and services. As outlined above, the City also participates in numerous efforts to coordinate short- term and long-term solutions to regional issues.

Discussion:

HUD regulations require that the City prepare an Analysis of Impediments to Fair Housing choice (AI). In addition to identifying fair housing impediments, a strategy to overcome barriers must be developed and implemented; accomplishments are to be reported annually. The City has updated the document and prepared a new AI for the time-period of FY 2020-21 through 2024-25.

The City's current AI evaluates existing demographic data, past fair housing enforcement activity, city- specific mortgage lender data, and existing housing and land use public policies. Based on an analysis of this data, and the input of residents, a list of impediments to fair housing choice was developed. A corresponding set of action steps to ameliorate these barriers was also prepared.

Program Specific Requirements

AP-90 Program Specific Requirements – 91.220(l)(1,2,4)

Introduction:

Community Development Block Grant Program (CDBG)
Reference 24 CFR 91.220(l)(1)

Projects planned with all CDBG funds expected to be available during the year are identified in the Projects Table. The following identifies program income that is available for use that is included in projects to be carried out.

1. The total amount of program income that will have been received before the start of the next program year and that has not yet been reprogrammed	0
2. The amount of proceeds from section 108 loan guarantees that will be used during the year to address the priority needs and specific objectives identified in the grantee's strategic plan	0
3. The amount of surplus funds from urban renewal settlements	0
4. The amount of any grant funds returned to the line of credit for which the planned use has not been included in a prior statement or plan.	0
5. The amount of income from float-funded activities	0
Total Program Income	0

Other CDBG Requirements

1. The amount of urgent need activities	0

PROOF OF PUBLICATION
(2015.5 C.C.P.)
Los Cerritos Community Newspaper Group
13017 Artesia Blvd., Suite C-102
Cerritos CA 90703
(562) 407-3873

STATE OF CALIFORNIA,
COUNTY OF LOS ANGELES

I am the principal clerk of the printer of the Los Cerritos Community News, a newspaper of general circulation, printed and published one time each week in the County of Los Angeles, City of Cerritos and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of Los Angeles, State of California, under the date of September 9, 1996, in Case Number V5005861 that the notice, of which the annexed is a printed copy (set in type not smaller than nonpareil), has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to wit:

3/22/24

I certify (or declare) under penalty of perjury that the foregoing is true and correct.
DATED AT CERRITOS, CALIFORNIA,

THIS 25th DAY OF March 2024

Signature

Brian Hews **Clerk, LCCN**

Los Cerritos Community News
13047 Artesia Blvd. Suite C-102, Cerritos, CA 90703
562-407-3873
LCCN FORM 82180 PROOF
County of Los Angeles

County Clerk's Filing Stamp

PUBLIC NOTICE
CITY OF PICO RIVERA
NOTICE OF PUBLIC HEARING AND PUBLIC COMMENT PERIOD

FISCAL YEAR (FY) 2024-2025 ANNUAL ACTION PLAN

NOTICE IS HEREBY GIVEN that a public hearing will be held before the City of Pico Rivera City Council to receive public comment for the Fiscal Year (FY) 2024-2025 Annual Action Plan. The City is an entitlement community and is expected to receive federal Community Development Block Grant (CDBG) funds from the United States Department of Housing and Urban Development (HUD) for the FY 2024-2025 (July 1, 2024 – June 30, 2025).

WHEN: Tuesday, April 23, 2024

TIME: 6:00 P.M.

WHERE: City Hall Council Chambers
6615 Passons Boulevard
Pico Rivera, CA 90660

As an entitlement jurisdiction, the City is required to prepare and submit to HUD an Annual Action Plan that generally describes how the City will utilize federal money during the next fiscal year to meet the goals and objectives approved by the City Council in the Five-Year Consolidated Plan.

For FY 2024-2025, the City expects to receive approximately $550,000 in CDBG funds. Additionally, the City has an estimated $93,320 in unspent funds available for programming. The total available funds for programming as part of the FY 24-25 Annual Action Plan is approximately $643,320.

Priority Funding for CDBG activities are given to activities that:

- Provide decent affordable housing;
- Maintain and promote neighborhood preservation;
- Affirmatively further fair housing choice for all;
- Provide public services for extremely low, low- and moderate-income residents;
- Construct or upgrade public facilities and infrastructure; and
- Planning and administration.

Pursuant to the provisions of the California Environmental Quality Act (CEQA), the proposed Annual Action Plan is exempt under State CEQA Guidelines §15061(b)(3) common sense exemption. It can be seen with certainty that there is no possibility that the Plan would have a significant effect on the environment; therefore, the Plan is exempt from CEQA under the common sense exemption.

PERSONS INTERESTED IN THIS MATTER wishing to observe the meeting may do so in the following ways:

(1) Turn your TV to Channel 3;
(2) Visit the City's website at https://bit.ly/picorivera-ctv3live;
(3) Email public comments to publiccomments@pico-rivera.org prior to 4:00 p.m. on the day of the meeting;
(4) Attend the Public Hearing in person.

Availability of Documents for Public Comment: The City of Pico Rivera encourages citizen participation in the planning process. The 30-day public review period for the FY 2024-2025 Annual Action Plan runs from Friday, March 22, 2024 through Tuesday, April 23, 2024. A copy of the draft Annual Action Plan will be made available for public review on the City of Pico Rivera's website: https://www.pico-rivera.org/housing-services-division/. For more information, please contact Eduardo Lizarraga, Analyst, at (562) 801-4420 or via email at elizarraga@pico-rivera.org.

If you challenge the consideration or adoption of the proposed Annual Action Plan in court, you may be limited to raising only those issues you or someone else raised at the public hearing described in this notice, or written correspondence delivered to the City of Pico Rivera City Clerk at, or prior to, the public hearing.

In compliance with the Americans with Disabilities Act of 1990, the City of Pico Rivera is committed to providing reasonable accommodations for a person with a disability. Please contact the Pico Rivera City Clerk's office at (562) 801-4389 if special program accommodations are necessary and/or if program information is needed in an alternative format. Special requests must be made in a reasonable amount of time in order that accommodations can be arranged.

Published: March 22, 2024
Los Cerritos Community News

Published at Los Cerritos Community News 3/22/24

Tuesday, April 9, 2024

A Regular Meeting of the City Council and Water Authority was held in the Council Chamber, Pico Rivera City Hall, 6615 Passons Boulevard, Pico Rivera, California.

Mayor/President Lara called the regular meeting to order at 6:00 p.m. on behalf of the City Council and the Water Authority.

PRESENT: Camacho, Garcia, Lutz, Sanchez, Lara
ABSENT: None

COMMISSIONERS PRESENT:
- Robert Martinez, Planning Commission
- Gil Perez, Veterans Commission

INVOCATION: Delivered by Mayor Lara

PLEDGE OF ALLEGIANCE: Led by Mayor Pro Tem Garcia

SPECIAL PRESENTATION(S):

- Certificates of Recognition were presented to the Pico Rivera Dons Flag Football Gold
- Certificates of Recognition were presented to the Pico Rivera Dons Gremlin Cheer
- Certificates of Recognition were presented to the Pico Rivera Dons Jr. Midget Cheer

PUBLIC COMMENTS:

Lauren Talbott, Pico Rivera Library Manager:
- Addressed the City Council regarding library updates and upcoming events for the month of April.

The following speakers addressed the City Council regarding Tax Fraud Awareness Month related to the tax fraud in the construction industry.

1. Christopher Luna Jr.
2. Emmit Cromwell
3. Gerardo Huerta

The following speakers addressed the City Council requesting a Palestine Ceasefire Resolution.

1. Lauren
2. Rodolfo
3. Armando
4. Fernando
5. Alex Rocha

Written communication was received by the following:

Michael Wauschek:
- Addressed the City Council regarding ceasefire in Palestine.

Pico-Whittier Alliance for Liberation and Peace:
- Addressed the City Council regarding a proposed resolution relating to ceasefire in Palestine.

CONSENT CALENDAR ITEMS:

City Council:

1. Minutes:
- Approved City Council regular meeting of March 26, 2024

2. Approved 14th Warrant Register of the 2023-2024 Fiscal Year. (700)
Check Numbers: 294171-294282; 13430-13497
Special Check Numbers: None

3. Award an Agreement to Helpmates Staffing Services, LLC for Temporary Staffing Services. (500)

1. Awarded an agreement to Helpmates Staffing Services, LLC, for temporary staffing services, as authorized under the City's piggyback purchasing procurement procedures in an amount not-to-exceed $150,000 per fiscal year from April 9, 2024, through June 30, 2026, with the option for two (2), one (1) – year extensions as stated in the City of Santa Ana Agreement No. A-2023-122-03.

   Agreement No. 23-2314

4. Vehicle and Equipment Purchase Authorization. (700)

1. Authorized the transfer of "General Fund Reserves – Assigned" via Account No. 100.98.9800-56900 in the amount of $1,089,702;
2. Appropriated $1,089,702 in the Equipment Replacement Fund as follows; $225,000 to Streets Account No. 170.40.4033-57300, $15,000 to Facilities Account No. 170.40.4031-57300, $225,000 to Parks Account No. 170.40.4032-57300 and $624,702 to Fleet Account No. 170.40.4033-57300 for vehicle and equipment purchases;

3. Appropriated $150,000 in Equipment Replacement Fund No. 40.4033-57300 received from the proceeds from sales of vehicles and equipment; and
4. Authorized the City Manager to execute all documents related to the purchase of the recommended vehicles and equipment.

5. Senior Center Restrooms ADA Improvement Project (CIP No. 50036) – Notice of Completion. (500)

1. Accepted the work as completed for the Senior Center Restrooms ADA Improvement Project, (CIP No. 50036) constructed by Global Builders, Inc. and authorized the City Clerk to file the Notice of Completion with the Los Angeles County Register-Recorder;
2. Authorized the City Manager or designee to release the retention payment to Global Builders, Inc. following the mandatory waiting period from the date the Notice of Completion is recorded; and
3. Appropriated the unused balance of approximately $42,703 from the fiscal year (FY) 2022-23 Senior Center ADA Restroom Improvement Project (CIP No. 50036) to the Teen Center Renovation Project (CIP No. 50100).

Water Authority:

6. Minutes:

- Approved the Water Authority regular meeting of March 12, 2024

7. Approved Purchase of a Case 590SN Tractor Loader Backhoe from Sonsray Machinery, LLC. (700)

1. Approved the purchase of a 590SN Tractor Loader Backhoe Case Heavy Equipment from Sonsray Machinery, LLC utilizing Cooperative Agreement Contract No. 011723-CNH through Sourcewell in the amount of $186,00 and authorized the Executive Director to execute all documents related to the purchase of the equipment.

Motion by Councilmember/Commissioner Lutz, seconded by Councilmember/Commissioner Dr. Sanchez to approve Consent Calendar Item Nos. 1 through 7. Motion carries by the following roll call vote:

AYES: Camacho, Garcia, Lutz, Sanchez, Lara
NOES: None

CONSENT CALENDAR ITEMS PULLED FOR FURTHER CLARIFICATION: None

REGULAR AGENDA: None

CITY MANAGER/STAFF REPORTS: None

GOOD OF THE ORDER (INTERGOVERNMENTAL AGENCY MEETINGS, AB 1234 REPORTS, NEW BUSINESS, OLD BUSINESS):

Councilmember Lutz commented on the Nasa Services annual 2024 Spring Bulky Item collection week and the commencement of the Pico Rivera Farmers Market at Pico Park.

Councilmember Dr. Sanchez commented on her attendance at the Pico Boys Baseball Opening Day Ceremony and the El Rancho High School Girls Softball game.

Councilmember Camacho reported on his attendance at the California Contract Cities Advocacy Day.

Mayor Pro Tem Garcia congratulated Pico Boys Baseball for their recent Opening Day Ceremony and requested the establishment of an ad hoc committee related to traffic calming measures and parking; seconded by Councilmember Camacho.

Mayor Lara commented on the Pico Boys Baseball Opening Day ceremony, the relocation of the Farmers Market to Pico Park, and a meeting with the District Attorney regarding unprosecuted cases.

ADJOURNMENT:

Mayor/President Lara adjourned the City Council and Water Authority meeting at 6:49 p.m. There being no objection it was so ordered.

AYES: Camacho, Garcia, Lutz, Sanchez, Lara
NOES: None

_____
Andrew C. Lara, Mayor/President

ATTEST:

_____
Cynthia Ayala, CMC, City Clerk/Authority Secretary

I hereby certify that the foregoing is a true and correct report of the proceedings of the City Council regular meeting dated April 9, 2024 and approved by the City Council on April 23, 2024.

_____
Cynthia Ayala, CMC, City Clerk/Authority Secretary

15th WARRANT REGISTER OF THE 2023 - 2024 FISCAL YEAR

MEETING DATE: 04/23/2024

	CHECK DATE	STARTING	ENDING	AMOUNT
CHECK NUMBERS:	03/29/24-04/11/24	294283	294386	$849,545.19
ACH NUMBERS:	03/29/24-04/11/24	13498	13557	$892,157.14
SPECIAL CHECKS/EFT				
VOIDED CHECKS				
PRE-NOTE				

TOTAL REGISTER AMOUNT: $ 1,741,702.33

City of Pico Rivera

Payment Register

From Payment Date: 3/29/2024 - To Payment Date: 4/11/2024

Number	Date	Description	Source	Payee Name	Transaction Amount
CBC GenOpe - CBC General Operating					
Check					
294283	04/03/2024		Accounts Payable	ADVANCE AUTO PARTS	$819.13
	Invoice	Description			Amount
	8810406635332	MECHANIC SHOP SUPPLIES			$115.30
	8810407128962	MECHANIC SHOP SUPPLIES			$506.93
	8810407135519	MECHANIC SHOP SUPPLIES			$196.90
294284	04/03/2024		Accounts Payable	Alan's Lawnmower & Garden Center	$2,999.97
	Invoice	Description			Amount
	14559	SMALL TOOLS & EQUIPMENT			$2,999.97
294285	04/03/2024		Accounts Payable	ALTA LANGUAGE SERVICES, INC.	$121.00
	Invoice	Description			Amount
	IS709166	WRITING TEST (ONLINE)/LISTENING & SPEAKING TEST (IVR)			$121.00
294286	04/03/2024		Accounts Payable	Alvarez-Glasman & Colvin	$10,235.00
	Invoice	Description			Amount
	2024APRATTYFEES	CITY ATTORNEY RETAINER FEE APRIL 2024			$10,235.00
294287	04/03/2024	04/05/2024	Accounts Payable	C.S. Legacy Construction, Inc.	$4,848.00

Number	Date	Description	Source	Payee Name		Transaction Amount
	Invoice	Description			Amount	
	PROGRESS PMT 15	RELEASE OF STOP PAYMENT NOTICE W/HELD UNDER PAY APP NO.6			$4,848.00	
294288	04/03/2024	04/10/2024	Accounts Payable	CATALINA TOURS		$15,574.65
	Invoice	Description			Amount	
	24-427	CATALINA EXCURSION ON 04/27/24			$15,574.65	
294289	04/03/2024		Accounts Payable	City of Vernon		$4,000.00
	Invoice	Description			Amount	
	LAP-02336	SEWC MEMBERSHIP DUES 23/24			$4,000.00	
294290	04/03/2024	04/09/2024	Accounts Payable	CivicWell		$1,946.38
	Invoice	Description			Amount	
	107631	WHITTIER BL SPECIFIC PLAN JANUARY 2024			$1,946.38	
294291	04/03/2024	04/09/2024	Accounts Payable	CivicWell		$2,217.88
	Invoice	Description			Amount	
	107630	WHITTIER BL CALTRANS GRANT JANUARY 2024			$2,217.88	
294292	04/03/2024		Accounts Payable	CliftonLarsonAllen LLP		$8,955.00
	Invoice	Description			Amount	

Payment Register

From Payment Date: 3/29/2024 - To Payment Date: 4/11/2024

Number	Date	Description	Source	Payee Name	Transaction Amount
	L241154930	FY 23-24 Annual Audit Services		$8,955.00	
294293	04/03/2024		Accounts Payable	CLUB CAR, LLC	$31,090.50
	Invoice	Description		Amount	
	2754777	PURCHASED 12 GOLF COURSE CARTS		$31,090.50	
294294	04/03/2024		Accounts Payable	Coastal Occupational Medical Group	$90.00
	Invoice	Description		Amount	
	LAC9031054	PRE-EMPLOYMENT PHYSICALS		$90.00	
294295	04/03/2024		Accounts Payable	County of Los Angeles Dept of Public Works	$418.53
	Invoice	Description		Amount	
	RE-PW23081400826	TRAFFIC SIGNAL MAINTENANCE ROSE HILLS & SAN GABRIEL		$418.53	
294296	04/03/2024	04/09/2024	Accounts Payable	County of Los Angeles Dept of Public Works	$359.88
	Invoice	Description		Amount	
	RE-PW23081400442	KITS MONITORING THROUGH JUNE 2023		$359.88	
294297	04/03/2024	04/10/2024	Accounts Payable	CPACINC.COM	$13,139.00
	Invoice	Description		Amount	
	SI-1298701	1 Year Maraki renewal - License & Support		$13,139.00	

City of Pico Rivera

Payment Register

From Payment Date: 3/29/2024 - To Payment Date: 4/11/2024

Number	Date	Description	Source	Payee Name	Transaction Amount
294298	04/03/2024	04/09/2024	Accounts Payable	CW PRODUCTS INC DBA ANYPROMO.COM	$2,806.45
	Invoice	Description			Amount
	CV4038184	TOTE/BACKPACKS FOR OUTDOOR EQUITY PROGRAMS			$2,806.45
294299	04/03/2024	04/09/2024	Accounts Payable	Donnoe & Associates, Inc.	$355.00
	Invoice	Description			Amount
	10301	ACCOUNTANT III EXAM AND TEST BOOK RENTAL 02/01/24-02/15/24			$355.00
294300	04/03/2024	04/09/2024	Accounts Payable	Dudek	$43,252.50
	Invoice	Description			Amount
	202401620	PROF SVCS THROUGH 01/27/24-02/23/24, COMMUNITY CITYWIDE			$43,252.50
294301	04/03/2024	04/10/2024	Accounts Payable	Empower Trust Company, LLC	$250.00
	Invoice	Description			Amount
	396573	QUARTERLY INVESTMENT ACCESS FEE 12/16/23-3/15/24			$250.00
294302	04/03/2024		Accounts Payable	Ferguson Enterprises, Inc	$1,160.37
	Invoice	Description			Amount
	3422971	PLUMBING SUPPLIES			$1,160.37

City of Pico Rivera

Payment Register

From Payment Date: 3/29/2024 - To Payment Date: 4/11/2024

Number	Date	Description	Source	Payee Name		Transaction Amount
294303	04/03/2024	04/10/2024	Accounts Payable	Grainger		$157.72
	Invoice	Description			Amount	
	9060539815	MAINTENANCE SUPPLIES			$33.40	
	9067476086	SMALL TOOLS			$124.32	
294304	04/03/2024	04/10/2024	Accounts Payable	HERNANDEZ, JOSE, BASILIO		$57.00
	Invoice	Description			Amount	
	842857	REFUND FOR CANCELLED WINE TASTING 04/20/24			$57.00	
294305	04/03/2024	04/10/2024	Accounts Payable	Inland Empire Stages, LTD		$1,338.31
	Invoice	Description			Amount	
	61385	BUS TRANSPORATION FOR PANTAGES THEATER ON 03/23/24			$1,338.31	
294306	04/03/2024		Accounts Payable	INSUASTI, GUILLERMO		$20.00
	Invoice	Description			Amount	
	842840	REFUND ON CANCELED DJ PARTY AT SENIOR CENTER			$20.00	
294307	04/03/2024	04/09/2024	Accounts Payable	LA County Sheriffs Department		$5,246.98
	Invoice	Description			Amount	
	241847EC	HELICOPTER SVC NOVEMBER 2023			$5,246.98	

Payment Register

From Payment Date: 3/29/2024 - To Payment Date: 4/11/2024

Number	Date	Description	Source	Payee Name		Transaction Amount
294308	04/03/2024		Accounts Payable	LEAF CAPITAL FUNDING LLC		$1,387.94
	Invoice	Description			Amount	
	16284009	Lease of Konica Minolta C4070 Copier FY 23-24			$1,387.94	
294309	04/03/2024		Accounts Payable	Liebert Cassidy Whitmore		$1,924.50
	Invoice	Description			Amount	
	262583	PROF SVCS THROUGH 02/29/24, PERSONNEL RULES REVIEW AND REVISION			$358.50	
	262596	PROF SVCS THROUGH 02/29/24, REVIEW OF MOUs-2023/2024			$696.00	
	261836	PROF SVCS THROUGH 02/29/24, GENERAL			$870.00	
294310	04/03/2024	04/10/2024	Accounts Payable	Minuteman Press		$580.96
	Invoice	Description			Amount	
	71707	WEEKLY OON1 & OON2 POSTCARDS			$445.80	
	71706	WEEKLY ENROLLMENT NOTICES OON1 & OON2			$135.16	
294311	04/03/2024	04/09/2024	Accounts Payable	MLP Properties		$10,000.00
	Invoice	Description			Amount	
	2023-1588	REFUND FOR WASTE MANAGEMENT DEPOSIT 9257 SLAUSON AVE #2023-1588			$10,000.00	
294312	04/03/2024	04/09/2024	Accounts Payable	Moore Iacofano & Goltsman Inc		$58,480.57
	Invoice	Description			Amount	

Payment Register

From Payment Date: 3/29/2024 - To Payment Date: 4/11/2024

Number	Date	Description	Source	Payee Name		Transaction Amount
	0083524	PROF SVCS 09/01/23-09/30/23, HISTORIC WHITTIER BLVD MULTI-MODAL			$44,737.12	
	0085395	PROF SVCS 02/01/24-02/29/24, HISTORIC WHITTIER BLVD MULTI			$13,743.45	
294313	04/03/2024		Accounts Payable	Napa Auto Parts		$230.04
	Invoice	Description			Amount	
	211897	CREDIT TO ACCOUNT			($1,969.12)	
	211948	MECHANIC SHOP SUPPLIES			$265.17	
	222259	MECHANIC SHOP SUPPLIES			$589.52	
	222502	MECHANIC SHOP SUPPLIES			$40.69	
	223679	MECHANIC SHOP SUPPLIES			$273.64	
	274376	MECHANIC SHOP SUPPLIES			$161.37	
	274550	MECHANIC SHOP SUPPLIES			$868.77	
294314	04/03/2024	04/08/2024	Accounts Payable	OMEGA ENVIRONMENTAL SERVICES, INC.		$5,245.00
	Invoice	Description			Amount	
	0245724	PRV ASSESSMENT THROUGH FEBRUARY 2024			$3,575.00	
	0245524	CLEARANCE AIR MONITORING AND REPORT DEVELOPMENT			$1,670.00	
294315	04/03/2024		Accounts Payable	Passage Entertainment		$1,700.00
	Invoice	Description			Amount	
	04122024ADEPEI	DJ SVCS FOR ADAPTIVE DANCE ON 04/12/2024			$500.00	

Number	Date	Description	Source	Payee Name		Transaction Amount
	03232024PRPEI	EASTER EVENT SOUND FOR STAGE 03/23/24			$1,200.00	
294316	04/03/2024	04/09/2024	Accounts Payable	Phil's Fire Extinguisher Co.		$1,020.74
	Invoice	Description			Amount	
	7518	FIRE EXTINGUISHER SVCS RIO VISTA PARK			$193.87	
	7548	FIRE EXTINGUISHER SVCS PICO PARK			$826.87	
294317	04/03/2024	04/08/2024	Accounts Payable	PM Law Enforcement Services, LLC		$5,000.00
	Invoice	Description			Amount	
	24-003	LAW ENFORCEMENT SVCS MARCH 2024			$5,000.00	
294318	04/03/2024	04/10/2024	Accounts Payable	Quadient Leasing USA, Inc.		$521.02
	Invoice	Description			Amount	
	Q1261623	LEASE AND TAX 01/25/24-04/24/24			$521.02	
294319	04/03/2024		Accounts Payable	REYNOSO, HENRY		$60.00
	Invoice	Description			Amount	
	823032-A	GO GETTERS PROGRAM CANCELED DUE TO COVID-19 REISSUED			$60.00	
294320	04/03/2024	04/08/2024	Accounts Payable	RHA LANDSCAPE ARCHITECTS-PLANNERS, INC.		$177,995.50
	Invoice	Description			Amount	

Payment Register

From Payment Date: 3/29/2024 - To Payment Date: 4/11/2024

Number	Date	Description	Source	Payee Name		Transaction Amount
	102553	PROF SVCS 09/26/23-10/25/23, 23109 RIO HONDO PARK			$89,106.50	
	1123059	PROF SVCS 10/26/23-11/25/23, 23126 ALEBRIJI DOG PARK			$39,520.00	
	1123062	PROF SVCS 10/26/23-11/25/23, 23109 RIO HONDO PARK			$49,369.00	
294321	04/03/2024		Accounts Payable	Rivera Baseball Association Inc		$600.00
	Invoice	Description			Amount	
	2024-113	2024 PLAYPASS VOUCHERS			$600.00	
294322	04/03/2024		Accounts Payable	ROSALES, CLARA		$10.00
	Invoice	Description			Amount	
	842844	REFUND FOR DJ PARTY AT SENIOR CENTER			$10.00	
294323	04/03/2024	04/09/2024	Accounts Payable	Salgado Tire Service		$40.00
	Invoice	Description			Amount	
	3191-2024	TIRE REPAIR FOR UNIT 249			$20.00	
	3153	TIRE REPAIR FOR UNIT 454			$20.00	
294324	04/03/2024		Accounts Payable	SELBERT PERKINS DESIGN, INC.		$25,488.00
	Invoice	Description			Amount	
	20240339	CITY BRAND SIGNAGE & FURNITURE MASTER PLAN, FEBRUARY 2024			$25,488.00	

Payment Register

From Payment Date: 3/29/2024 - To Payment Date: 4/11/2024

Number	Date	Description	Source	Payee Name	Transaction Amount
294325	04/03/2024		Accounts Payable	SUNRUN INSTALLATION SERVICES, INC.	$1,505.40
	Invoice	Description		Amount	
	SUNRUNREFUND2023	REFUND FOR CANCELLED PV SOLAR PERMITS 2023-1734		$1,505.40	
294326	04/03/2024	04/08/2024	Accounts Payable	TAMEZ, VICTORIA, ANN	$120.00
	Invoice	Description		Amount	
	145278	ACTING WORKSHOP SCENE STUDY		$120.00	
294327	04/03/2024	04/09/2024	Accounts Payable	The Flag Shop	$165.32
	Invoice	Description		Amount	
	21053	FLAGS FOR FACILITIES		$165.32	
294328	04/03/2024	04/10/2024	Accounts Payable	Transtech Engineers, Inc	$288.00
	Invoice	Description		Amount	
	20242028	PROF SVCS THROUGH 02/29/24, PR CITY ENGINEERING SERVICES		$288.00	
294329	04/03/2024		Accounts Payable	UNIFIRST CORPORATION	$346.93
	Invoice	Description		Amount	
	2190141758	UNIFORM RENTAL SVCS		$346.93	
294330	04/03/2024	04/09/2024	Accounts Payable	United Waterworks, Inc	$8,410.79

Payment Register

From Payment Date: 3/29/2024 - To Payment Date: 4/11/2024

Number	Date	Description	Source	Payee Name		Transaction Amount
	Invoice	Description			Amount	
	S100129132.001	MAINTENANCE SUPPLIES			$7,691.26	
	S100129136.001	MAINTENANCE SUPPLIES			$592.76	
	S100129342.001	MAINTENANCE SUPPLIES			$126.77	
294331	04/03/2024	04/09/2024	Accounts Payable	Whittier Fertilizer Company		$2,496.00
	Invoice	Description			Amount	
	409116	PLAYGROUND CHIPS			$299.88	
	409126	LANDSCAPING SUPPLIES			$1,596.36	
	409132	PLAYGROUND CHIPS			$599.76	
294332	04/10/2024		Accounts Payable	A & G SALES		$401.24
	Invoice	Description			Amount	
	22138	ITEMS FOR FENCE REPAIR AT GOLF COURSE			$401.24	
294333	04/10/2024		Accounts Payable	ADVANCE AUTO PARTS		$113.11
	Invoice	Description			Amount	
	8810407329055	MECHANIC SHOP SUPPLIES			$113.11	
294334	04/10/2024		Accounts Payable	AM-TEC TOTAL SECURITY INC		$156.00
	Invoice	Description			Amount	

Number	Date	Description	Source	Payee Name	Transaction Amount
	633563	CAMERA REPAIR, RIO HONDO PARK		$156.00	
294335	04/10/2024		Accounts Payable	Ansafone Contact Center, Labell Exchange & BTE Com	$104.20
	Invoice	Description		Amount	
	240406025101	AFTER HOURS ANSWERING SVC MARCH 2024, WATER DEPT.		$104.20	
294336	04/10/2024		Accounts Payable	C & O Manufacturing	$3,969.00
	Invoice	Description		Amount	
	7098-45009	Custom Lids for catch basins		$3,969.00	
294337	04/10/2024		Accounts Payable	CASCADIA CONSULTING SERVICES	$32,763.75
	Invoice	Description		Amount	
	10689	PROFESSIONAL SVCS 1/26/24-2/25/24, PR CAP2023		$32,763.75	
294338	04/10/2024		Accounts Payable	Central Basin Municipal Water District	$5,828.88
	Invoice	Description		Amount	
	RIV-DEC23	UTILITIES FOR NOVEMBER 2023		$2,432.02	
	RIV-FEB24	UTILITIES FOR JANUARY 2024		$1,311.23	
	RIV-JAN24	UTILITIES FOR DECEMBER 2023		$2,085.63	
294339	04/10/2024		Accounts Payable	CINTAS CORP.	$2,782.69

Number	Date	Description	Source	Payee Name	Transaction Amount
	Invoice	Description		Amount	
	8406753041	REPLENISH AND SERVICE FIRST AID KITS AND AED		$218.30	
	8406753236	REPLENISH AND SERVICE FIRST AID KITS AND AED		$1,019.70	
	8406753039	REPLENISH AND SERVICE FIRST AID KITS AND AED		$1,309.79	
	840675	REPLENISH AND SERVICE FIRST AID KITS AND AED GOLF COURSE		$234.90	
294340	04/10/2024		Accounts Payable	EMERGENCY VEHICLE SPECIALTIES, EVS INC.	$3,208.19
	Invoice	Description		Amount	
	12647	LIGHT BAR INSTALLATION, UNIT 125		$3,208.19	
294341	04/10/2024		Accounts Payable	GoTo Communications, Inc.	$2,938.30
	Invoice	Description		Amount	
	IN7102804978	TELECOMMUNICATIONS SERVICES VOIP, APRIL 2024		$2,938.30	
294342	04/10/2024		Accounts Payable	Jacobs Engineering Group Inc	$42,586.25
	Invoice	Description		Amount	
	W9Y31500-08	PROF SVCS 05/27/23-12/31/23, PFAS TREATMENT SYSTEMS PROJECT		$42,586.25	
294343	04/10/2024		Accounts Payable	LEAF CAPITAL FUNDING LLC	$586.96
	Invoice	Description		Amount	
	16314018	1 MBM 352F PLOTTER & TRIUMPH 5225		$586.96	

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Number	Date	Description	Source	Payee Name	Transaction Amount
294344	04/10/2024		Accounts Payable	MALLORY SAFETY & SUPPLY LLC	$1,851.71
	Invoice	Description			Amount
	5841848	Rain Gear & Safety supplies for field staff			$1,851.71
294345	04/10/2024		Accounts Payable	MeterSYS	$14,298.00
	Invoice	Description			Amount
	INV-000934	PROF SVCS THROUGH 03/20/24, AMI PROJECT			$14,298.00
294346	04/10/2024		Accounts Payable	MILLAN (EE), IVAN	$66.00
	Invoice	Description			Amount
	NHMFIETRIP0424	REACH FIELD TRIP PARKING PASS, 04/17/24 TO NATURAL HISTORY			$66.00
294347	04/10/2024		Accounts Payable	Minuteman Press	$131.26
	Invoice	Description			Amount
	71943	WEEKLY OON1 & OON2 ENROLLMENT NOTICES.			$131.26
294348	04/10/2024		Accounts Payable	Napa Auto Parts	$372.26
	Invoice	Description			Amount
	211858	MECHANIC SHOP SUPPLIES			$372.26

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Number	Date	Description	Source	Payee Name	Transaction Amount
294349	04/10/2024		Accounts Payable	NV5, Inc.	$6,345.00

Invoice	Description	Amount
362144	PROF SVCS 10/26/23-11/07/23, 8345 SLAUSON AVE-GRADING	$2,775.00
362143	PROF SVCS 10/01/23-10/31/23, 7655 SERAPIS AVENUE	$170.00
362138	PROF SVCS 10/01/23-10/31/23, GALLATIN WATER EASEMENT	$45.00
362137	PROF SVCS 09/26/23-10/31/23, PARCEL MAP 83251, FINAL PARCEL MAP	$1,035.00
362136	PROF SVCS 09/26/23-10/31/23, 10016 BEVERLY BLVD WAREHOUSE	$1,735.00
371483	PROFESSIONAL SVCS 11/29/23-12/31/23, 9036 BEVERLY BL-TPM	$585.00

294350	04/10/2024		Accounts Payable	Passage Entertainment	$400.00

Invoice	Description	Amount
04132024SCPE	DJ SERVICES FOR DADDY/DAUGHTER EVENT 04/13/24	$400.00

294351	04/10/2024		Accounts Payable	PETTY CASH	$42.07

Invoice	Description	Amount
2024PETCASRE0324	REPLENISH PETTY CASH FOR MARCH 2024	$42.07

294352	04/10/2024		Accounts Payable	Phil's Fire Extinguisher Co.	$6,787.25

Invoice	Description	Amount
7513	FIRE EXTINGUISHER SVCS PICO PARK	$6,787.25

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Number	Date	Description	Source	Payee Name	Transaction Amount
294353	04/10/2024		Accounts Payable	PICO RIVERA CHAMBER OF COMMERCE	$10,000.00
	Invoice	Description		Amount	
	20240077	QUARTERLY INVESTMENT FOR JANUARY THROUGH MARCH 2024		$10,000.00	
294354	04/10/2024		Accounts Payable	Pico Water District	$10,998.99
	Invoice	Description		Amount	
	2024FEB-PICOWD-A	UTILITIES FOR FEBRUARY 2024		$4,706.16	
	2024FEB-PICOWD-B	UTILITIES FOR FEBRUARY 2024		$6,259.77	
	2024FEB-PICOWD-C	UTILITIES FOR FEBRUARY 2024		$33.06	
294355	04/10/2024		Accounts Payable	Roadline Products Inc., USA	$266.53
	Invoice	Description		Amount	
	19760	Paint for street painting/markings		$266.53	
294356	04/10/2024		Accounts Payable	Ruiz Engineering and All American Asphalt	$97,258.44
	Invoice	Description		Amount	
	RETENTION-204863	RELEASE RETENTION-CITYWIDE RESURFACING		$97,258.44	
294357	04/10/2024		Accounts Payable	Salgado Tire Service	$340.00
	Invoice	Description		Amount	
	3291	TIRE MOUNT FOR UNIT 288		$120.00	

Number	Date	Description	Source	Payee Name		Transaction Amount
	3292	TIRE MOUNT FOR BOBCAT UNIT 340			$220.00	
294358	04/10/2024		Accounts Payable	School Outfitters LLC		$5,401.89
	Invoice	Description			Amount	
	INV14121693	STORAGE CONTAINER FOR YOUTH CENTER			$3,167.51	
	INV14124393	YOUTH CENTER FURNITURE			$2,234.38	
294359	04/10/2024		Accounts Payable	Sonsray Machinery , LLC		$3,588.74
	Invoice	Description			Amount	
	PSO118776-1	EQUIPMENT MAINTENANCE SUPPLIES			$2,305.67	
	PSO119266-1	EQUIPMENT MAINTENANCE SUPPLIES			$1,283.07	
294360	04/10/2024		Accounts Payable	Swank Motion Pictures Inc		$175.00
	Invoice	Description			Amount	
	RG 3610171	SENIOR CENTER MOVIE LICENSE FEE, PRISCILLA			$175.00	
294361	04/10/2024		Accounts Payable	The Nelrod Company		$420.00
	Invoice	Description			Amount	
	ZRCS81321	HOUSING RENTAL MARKET COMPARABLES UPDATE			$420.00	
294362	04/10/2024		Accounts Payable	TKM ENGINEERING		$1,560.00

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Number	Date	Description	Source	Payee Name	Transaction Amount
	Invoice	Description		Amount	
	1270	PROF SVCS 02/06/24-02/20/24, ITS MASTER PLAN CIP 50052		$1,560.00	
294363	04/10/2024		Accounts Payable	Tripepi, Smith and Associates, Inc.	$3,278.94
	Invoice	Description		Amount	
	12060	PROFESSIONAL SVCS, PR INNOVATIVE MUNICIPAL ENERGY 3/4/24-3/27/24		$3,278.94	
294364	04/10/2024		Accounts Payable	TRUSAIC	$1,818.00
	Invoice	Description		Amount	
	CINV-034758	2024 ACA APRIL PAYMENT		$1,818.00	
294365	04/10/2024		Accounts Payable	URBAN HABITAT	$115,381.53
	Invoice	Description		Amount	
	PROGRESS PMT 1	Rosemead Blvd Median and Parkway Beautification Project		$48,049.50	
	PROGRESS PMT 1-A	ROSEMEAD BLVD MEDIAN AND PARKWAY BEAUTIFIACTION		($2,402.48)	
	PROGRESS PMT 1-1	MAJOR CORRIDORS MEDIAN AND PARKWAY BEAUTIFIACTION		$73,404.75	
	PROGRESS PMT1-1A	MAJOR CORRIDORS MEDIAN AND PARKWAY BEAUTIFIACTION		($3,670.24)	
294366	04/10/2024		Accounts Payable	VALIN CORPORATION	$2,426.93
	Invoice	Description		Amount	
	3641601	RAIN DIVERTER VALVE FOR SPORTS ARENA		$2,426.93	

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Number	Date	Description	Source	Payee Name	Transaction Amount
294367	04/10/2024		Accounts Payable	Yao Engineering, Inc.	$10,839.00
	Invoice	Description			Amount
	202403-24008	PROF SVCS 03/01/24-03/31/24, PLAN AND SPEC REVIEW FOR AQUATIC			$10,839.00
294368	04/11/2024		Utility Management Refund	BARAHONA, SYLVIA	$17.14
294369	04/11/2024		Utility Management Refund	GONZALES, MARIA	$6.49
294370	04/11/2024		Utility Management Refund	OPENDOOR LABS INC.	$55.66
294371	04/11/2024		Utility Management Refund	PEARSON, BRANDY	$4.07
294372	04/11/2024		Utility Management Refund	PINEDO, PATRICIA	$8.88
294373	04/11/2024		Utility Management Refund	RAMIREZ, ANDREW	$95.72
294374	04/11/2024		Utility Management Refund	RAMIREZ, ROSA	$11.05
294375	04/11/2024		Utility Management Refund	RE CAPITAL PARTNERS	$108.04
294376	04/11/2024		Utility Management Refund	RODRIGUEZ, ARTHUR	$101.82
294377	04/11/2024		Utility Management Refund	TREJO, JOE	$52.28
294378	04/11/2024		Utility Management Refund	YSN IMPORTS INC	$47.61
294379	04/11/2024		Utility Management Refund	ZENG, JUN	$100.29
294380	04/11/2024		Accounts Payable	BMG Money, Inc	$397.71
	Invoice	Description			Amount
	041124	EMPLOYEE DEDUCTION FOR P/E 04/05/24			$397.71

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Number	Date	Description	Source	Payee Name	Transaction Amount
294381	04/11/2024		Accounts Payable	Franchise Tax Board	$50.00
	Invoice	Description		Amount	
	041124	EMPLOYEE DEDUCTION FOR P/E 04/05/24		$50.00	
294382	04/11/2024		Accounts Payable	Levying Officer	$500.00
	Invoice	Description		Amount	
	041124	EMPLOYEE DEDUCTION FOR P/E 04/05/24		$500.00	
294383	04/11/2024		Accounts Payable	NUFIC	$347.23
	Invoice	Description		Amount	
	040124	SUPPLEMENTAL LIFE INSURANCE FOR APRIL 2024		$347.23	
294384	04/11/2024		Accounts Payable	SEIU Local 721-COPE	$107.00
	Invoice	Description		Amount	
	041124	COPE FEES FOR P/E 04/05/24		$107.00	
294385	04/11/2024		Accounts Payable	Standard Insurance Company	$2,781.22
	Invoice	Description		Amount	
	040124	VISION SERVICES FOR APRIL 2024		$2,781.22	
294386	04/11/2024		Accounts Payable	Western Dental Services, Inc.	$190.91

Number	Date	Description	Source	Payee Name		Transaction Amount
	Invoice	Description			Amount	
	326625	DENTAL SERVICES (DHMO) FOR APRIL 2024			$190.91	
Type Check Totals:						$849,545.19

CBC GenOpe - CBC General Operating

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13498	04/03/2024		Accounts Payable	Airgas USA, LLC		$121.10
	Invoice	Description			Amount	
	9147868315	MAINTENANCE SUPPLIES			$121.10	
13499	04/03/2024		Accounts Payable	Bland, Renee		$60.00
	Invoice	Description			Amount	
	SPNGWK1'24	OFFICIATING SVCS 03/21/24			$60.00	
13500	04/03/2024		Accounts Payable	Comlock Security Group		$90.35
	Invoice	Description			Amount	
	849703	NEW KEYS FOR SUPERVISORS			$90.35	
13501	04/03/2024		Accounts Payable	DE LAGE LANDEN FINANCIAL SERVICES, INC.		$2,507.93
	Invoice	Description			Amount	
	82255540	CITYWIDE COPIERS LEASE 4/1/24-4/30/24			$2,507.93	

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Number	Date	Description	Source	Payee Name	Transaction Amount
13502	04/03/2024		Accounts Payable	DIEGO'S AUTO REPAIR	$120.00
	Invoice	Description			Amount
	30327	MAINTENANCE AND REPAIR OF UNIT 120			$120.00
13503	04/03/2024		Accounts Payable	Eastern County Newspaper Group, Inc.	$1,291.95
	Invoice	Description			Amount
	36500	BIDS INVITE NOTICE, PR PREFABRICATED RESTROOM PROJECT			$1,291.95
13504	04/03/2024		Accounts Payable	Home Depot	$1,099.50
	Invoice	Description			Amount
	791840622	JANITORIAL SUPPLIES			$640.44
	794285536	JANITORIAL SUPPLIES			$459.06
13505	04/03/2024		Accounts Payable	I Copy, Inc (ibe digital)	$145.52
	Invoice	Description			Amount
	464399	MAINTENANCE AND TONER EQUIPMENT CED			$18.19
	464400	MAINTENANCE AND TONER EQUIPMENT			$18.19
	464401	Maintenance & Operations of Konica Minolta Copier			$36.38
	464531	MAINTENANCE AND TONER EQUIPMENT SENIOR CENTER			$18.19
	464691	MAINTENANCE AND TONER EQUIPMENT SENIOR CENTER			$18.19

Number	Date	Description	Source	Payee Name		Transaction Amount
	465329	MAINTENANCE AND TONER EQUIPMENT HOUSING			$18.19	
	465349	MAINTENANCE AND TONER EQUIPMENT FINANCE			$18.19	
13506	04/03/2024		Accounts Payable	John L Hunter & Associates Inc.		$875.00
	Invoice	Description			Amount	
	PR1UOR12312	UOR AND BCR PROGRAM SVCS DECEMBER 2023			$875.00	
13507	04/03/2024		Accounts Payable	Martinez, Ben		$60.00
	Invoice	Description			Amount	
	SPNGWK2'24	OFFICIATING SVCS 03/28/24			$60.00	
13508	04/03/2024		Accounts Payable	NASA Services Inc		$304,375.67
	Invoice	Description			Amount	
	2024APRRBBISHFEE	RUBBISH ASSESSMENT FOR APRIL 2024			$304,375.67	
13509	04/03/2024		Accounts Payable	Serrano, Leon		$2,340.00
	Invoice	Description			Amount	
	145329-145337	INSTRUCTOR FOR TIKI TAKA SOCCER, 03/05/24-03/28/24			$2,340.00	
13510	04/03/2024		Accounts Payable	Shoeteria, Inc.		$782.83
	Invoice	Description			Amount	

Number	Date	Description	Source	Payee Name		Transaction Amount
	0063978-IN	SAFETY SHOES FOR FRANCISCO SIGALA			$200.00	
	0064011-IN	SAFETY SHOES FOR ROBERT SETTERS			$193.48	
	0064024-IN	SAFETY SHOES FOR JAVIER GARCIA			$189.50	
	0064249-IN	SAFETY SHOES FOR ALBERT RAMIREZ			$199.85	
13511	04/03/2024		Accounts Payable	Silva, Luz		$630.00
	Invoice	Description			Amount	
	145272	INSTRUCTOR FOR ZUMBA 03/05/24-03/28/24			$630.00	
13512	04/03/2024		Accounts Payable	Tanko Streetlighting, Inc		$1,140.48
	Invoice	Description			Amount	
	69481	STREET LIGHT MAINTENANCE AND REPAIR MARCH 2024			$1,140.48	
13513	04/03/2024		Accounts Payable	The Sherwin-Williams Co.		$1,776.46
	Invoice	Description			Amount	
	4891-2	PAINT FOR GRAFFITI ABATEMENT			$85.27	
	4962-1	PAINT FOR GRAFFITI ABATEMENT			$43.61	
	5162-7	PAINT FOR GRAFFITI ABATEMENT			$1,545.98	
	9830-5	PAINT FOR GRAFFITI ABATEMENT			$101.60	
13514	04/03/2024		Accounts Payable	Vulcan Materials Co.		$728.22

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	Invoice	Description			Amount	
	73944965	ASPHALT MAINTENANCE			$223.42	
	73947886	ASPHALT MAINTENANCE			$280.30	
	73950000	ASPHALT MAINTENANCE			$224.50	
13515	04/03/2024		Accounts Payable	Waxie Sanitary Supply		$1,196.43
	Invoice	Description			Amount	
	82358670	JANITORIAL SUPPLIES FOR PARKS			$269.50	
	82361084	JANITORIAL SUPPLIES FOR PARKS			$840.14	
	82369385	JANITORIAL SUPPLIES FOR PARKS			$86.79	
13516	04/01/2024		Accounts Payable	So Calif Gas Company		$330.90
	Invoice	Description			Amount	
	Import - 13327	GAS SVC-9633 BEVERLY			$330.90	
13517	04/01/2024		Accounts Payable	So Calif Edison Company		$28,512.80
	Invoice	Description			Amount	
	Import - 13328	ELECTRIC SVC-4332 1/2 SAN GABRIEL RIVER			$28,512.80	
13518	04/02/2024		Accounts Payable	Frontier California		$379.98
	Invoice	Description			Amount	

Number	Date	Description	Source	Payee Name		Transaction Amount
	Import - 13329	Radio & Telecommunication			$379.98	
13519	04/02/2024		Accounts Payable	City of Pico Rivera		$11,998.09
	Invoice	Description			Amount	
	Import - 13333	WATER SVC			$11,998.09	
13520	03/06/2024	03/31/2024	Accounts Payable	Frontier California		($60.99)
	Invoice	Description			Amount	
	03/06/24	CREDIT RECEIVED FROM FRONTIER W/O 03/06/24			($60.99)	
13521	04/04/2024		Accounts Payable	So Calif Gas Company		$2,909.28
	Invoice	Description			Amount	
	Import - 13336	GAS SVC-9025 MINES			$2,909.28	
13522	04/04/2024		Accounts Payable	Verizon Wireless		$805.07
	Invoice	Description			Amount	
	Import - 13337	RADIO & TELECOMMUNICATION			$805.07	
13523	04/05/2024		Accounts Payable	Frontier California		$201.76
	Invoice	Description			Amount	
	Import - 13338	Radio & Telecommunication			$201.76	

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Number	Date	Description	Source	Payee Name	Transaction Amount
13524	04/05/2024		Accounts Payable	So Calif Edison Company	$35,582.82
	Invoice	Description			Amount
	Import - 13339	ELECTRIC SVC-VARIOUS LOCATIONS			$35,582.82
13525	04/05/2024		Accounts Payable	Time Warner Cable	$906.02
	Invoice	Description			Amount
	Import - 13340	RADIO & TELECOMMINICATION			$906.02
13526	04/08/2024		Accounts Payable	Frontier California	$61.12
	Invoice	Description			Amount
	Import - 13341	Radio & Telecommunication			$61.12
13527	04/03/2024		Accounts Payable	Time Warner Cable	$52.99
	Invoice	Description			Amount
	Import - 13334	RADIO & TELECOMMINICATION			$52.99
13528	04/03/2024		Accounts Payable	So Calif Edison Company	$4,476.90
	Invoice	Description			Amount
	Import - 13335	ELECTRIC SVC-4632 ORANGE			$4,476.90

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Number	Date	Description	Source	Payee Name		Transaction Amount
13529	04/09/2024		Accounts Payable	City of Pico Rivera		$2,628.51
	Invoice	Description			Amount	
	Import - 13342	WATER SVC			$2,628.51	
13530	04/10/2024		Accounts Payable	A & D Transportation, L.P.		$820.00
	Invoice	Description			Amount	
	013386	BUS TRANSPORATION TO CA SCIENCE CENTER 03/28/24			$820.00	
13531	04/10/2024		Accounts Payable	AAA Electrical Supply, Inc.		$1,653.62
	Invoice	Description			Amount	
	318670-00	ELECTRICAL SUPPLIES			$167.58	
	318643-00	ELECTRICAL SUPPLIES			$531.85	
	318476-00	ELECTRICAL SUPPLIES			$954.19	
13532	04/10/2024		Accounts Payable	Advanced Avant-Garde Corp.		$975.00
	Invoice	Description			Amount	
	10118	PROF SVCS FEBRUARY 2024, SENIOR RESTROOM PROJECT 3009.21			$975.00	
13533	04/10/2024		Accounts Payable	BKF Engineers		$2,923.75
	Invoice	Description			Amount	
	24031083	PROF SVCS 01/29/24-02/25/24, WHITTIER BRIDGE STUDY			$2,923.75	

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Number	Date	Description	Source	Payee Name	Transaction Amount
13534	04/10/2024		Accounts Payable	Corporate Image Marketing, Inc	$199.00
	Invoice	Description		Amount	
	2404632	PRIME 800 # FOR MARCH 2024		$199.00	
13535	04/10/2024		Accounts Payable	Cosby Oil Company	$7,680.14
	Invoice	Description		Amount	
	CL12665	FUEL FOR CITY VEHICLES 3/11/24-3/20/24		$7,680.14	
13536	04/10/2024		Accounts Payable	COSTAR REALTY INFORMATION, INC.	$1,628.95
	Invoice	Description		Amount	
	120673388	REAL ESTATE ONLINE SVCS APRIL 2024		$1,628.95	
13537	04/10/2024		Accounts Payable	Eastern County Newspaper Group, Inc.	$1,657.35
	Invoice	Description		Amount	
	36517	LEGAL AD- FY 24/25 ANNUAL ACTION		$1,657.35	
13538	04/10/2024		Accounts Payable	GENERAL BUILDING MANAGEMENT	$8,778.77
	Invoice	Description		Amount	
	18540	JANITORIAL SVCS MARCH 2024		$8,778.77	

Payment Register

From Payment Date: 3/29/2024 - To Payment Date: 4/11/2024

Number	Date	Description	Source	Payee Name	Transaction Amount
13539	04/10/2024		Accounts Payable	GRM Information Management Services, Inc	$3,040.33

Invoice	Description	Amount
0500939	MONTHLY ACCOUNT MAINTENANCE FEE, MARCH 2024	$20.00
0502139	MONTHLY FILE STORAGE MARCH 2024, HOUSING	$29.18
0502140	CED SCANNING PROJECT MARCH 2024	$2,366.46
0500946	INITIAL MOVEIN FEE MARCH 2024	$10.62
0500945	MONTHLY FILE STORAGE MARCH 2024, BUILDING DIV	$47.87
0500944	MONTHLY FILE STORAGE MARCH 2024, PUBLIC WORKS	$80.96
0500943	MONTHLY FILE STORAGE MARCH 2024, PARK & REC	$23.42
0500942	MONTHLY FILE STORAGE MARCH 2024, FINANCE	$301.63
0500941	MONTHLY FILE STORAGE MARCH 2024, CED	$40.70
0500940	MONTHLY FILE STORAGE MARCH 2024, CITY CLERK	$119.49

13540	04/10/2024		Accounts Payable	Home Depot	$443.94

Invoice	Description	Amount
794969964	JANITORIAL SUPPLIES FOR FACILITIES	$33.38
795426824	JANITORIAL SUPPLIES FOR PARKS	$410.56

13541	04/10/2024		Accounts Payable	I Copy, Inc (ibe digital)	$54.57

Invoice	Description	Amount
465370	MAINTENANCE AND TONER EQUIPMENT FINANCE	$36.38

Number	Date	Description	Source	Payee Name		Transaction Amount
	465428	MAINTENANCE AND TONER EQUIPMENT SMITH PARK			$18.19	
13542	04/10/2024		Accounts Payable	Jason Sperling DBA People Speak, LLC		$800.00
	Invoice	Description			Amount	
	PIC-0033	WEBSITE APP AND MODULES APRIL 2024			$800.00	
13543	04/10/2024		Accounts Payable	John L Hunter & Associates Inc.		$5,260.50
	Invoice	Description			Amount	
	PR1MS412401	PROF SVCS 01/01/24-01/31/24, NPDES PROGRAM SERVICES			$3,385.50	
	PR1UOR12311	UOR AND BCR PROGRAM SVCS, NOVEMBER 2023			$250.00	
	PR1UOR12401-A	UOR AND BCR PROGRAM SVCS, JANUARY 2024			$1,625.00	
13544	04/10/2024		Accounts Payable	Mariposa Landscapes, Inc		$21,027.83
	Invoice	Description			Amount	
	107085	LANDSCAPE MAINTENANCE SVCS MARCH 2024			$21,027.83	
13545	04/10/2024		Accounts Payable	Metro Builders & Engineers Group, Ltd		$227,893.53
	Invoice	Description			Amount	
	PROGRESS PMT 17	PFAS TREATMENT SYSTEMS-PLANTS 1,2, AND WELL 5 02/03/24-03/01/24			$239,887.93	
	PROGRESS PMT 17A	PFAS WATER TREATMENT SYSTEMS, PLANTS1,2, AND WELLS 5 02/03/24			($11,994.40)	

City of Pico Rivera

Payment Register

From Payment Date: 3/29/2024 - To Payment Date: 4/11/2024

Number	Date	Description	Source	Payee Name	Transaction Amount
13546	04/10/2024		Accounts Payable	Shoeteria, Inc.	$800.00

Invoice	Description	Amount
0061483-IN	SAFETY SHOES FOR JOSE GUTIERREZ	$200.00
0061705-IN	SAFETY SHOES FOR CHRIS MADRIGAL	$200.00
0061706-IN	SAFETY SHOES FOR JAIRO BARRERAS	$200.00
0064894-IN	SAFETY SHOES FOR CARLOS RIVERA	$200.00

Number	Date	Description	Source	Payee Name	Transaction Amount
13547	04/10/2024		Accounts Payable	Tanko Streetlighting, Inc	$11,588.69

Invoice	Description	Amount
69432	MONTHLY STREET LIGHT MAINTENANCE AND REPAIR FEBRUARY 2024	$4,395.86
69469	STREET LIGHT MAINTENANCE AND REPAIR MARCH 2024	$2,276.85
69470	STREET LIGHT MAINTENANCE AND REPAIR MARCH 2024	$520.12
69476	STREET LIGHT MAINTENANCE AND REPAIR MARCH 2024	$4,395.86

Number	Date	Description	Source	Payee Name	Transaction Amount
13548	04/10/2024		Accounts Payable	Tristar Risk Management	$3,966.66

Invoice	Description	Amount
116881	CLAIMS ADMIN FEES APRIL 2024	$3,966.66

Number	Date	Description	Source	Payee Name	Transaction Amount
13549	04/10/2024		Accounts Payable	Water Replenishment District of So. California	$105,728.85

Invoice	Description	Amount
3853-0224	GROUND WATER PRODUCTION & ASSESSMENT	$105,728.85

Payment Register

From Payment Date: 3/29/2024 - To Payment Date: 4/11/2024

Number	Date	Description	Source	Payee Name	Transaction Amount
13550	04/10/2024		Accounts Payable	Willdan Engineering	$61,721.00

Invoice	Description	Amount
00419622	PROF SVCS THROUGH 01/26/24, SENIOR CENTER TENANT IMPROVEMENT	$14,384.00
00419621	PROF SVCS THROUGH 01/26/24, YOUTH CENTER RENOVATIONS	$1,408.00
00627154	PROF SVCS THROUGH 01/26/24, PR EMERGENCY STORM DRAIN	$10,000.00
00627298	PROF SVCS THROUGH 02/23/24, PR TRAFFIC ENGINEERING SVCS	$5,040.00
00627309	PROF SVCS THROUGH 02/23/24, MINES AVE STRIPING	$4,770.00
00419818	PROF SVCS THROUGH 02/23/24, PR REGIONAL BIKEWAY CIP NO 21280	$9,609.00
00419654	PROF SVCS THROUGH 01/26/24, PAVEMENT CORING & ENVIRONMENT SOIL	$2,940.00
00231408	PROF SVCS THROUGH 02/29/24, PR-INSPECTIONS	$13,570.00

Number	Date	Description	Source	Payee Name	Transaction Amount
13551	04/10/2024		Accounts Payable	Time Warner Cable	$114.99

Invoice	Description	Amount
Import - 13343	RADIO & TELECOMMINICATION	$114.99

Number	Date	Description	Source	Payee Name	Transaction Amount
13552	04/11/2024		Accounts Payable	LOUIE, KENNETH, L.	$5,907.50

Invoice	Description	Amount
003	PROFESSIONAL SVCS 3/25/24-4/5/24, TEMP FINANCE DIRECTOR	$5,907.50

Number	Date	Description	Source	Payee Name	Transaction Amount
13553	04/11/2024		Accounts Payable	Nationwide Retirement Solutions	$5,448.26

Number	Date	Description	Source	Payee Name		Transaction Amount
	Invoice	Description			Amount	
	041124	EMPLOYEE/EMPLOYER CONTRIBUTIONS FOR P/E 04/05/24 (401A)			$5,448.26	
13554	04/11/2024		Accounts Payable	Nationwide RS		$1,184.62
	Invoice	Description			Amount	
	041124	PEHP BENEFIT/DEDUCTION FOR P/E 04/05/24			$1,184.62	
13555	04/11/2024		Accounts Payable	PRMPCEA		$663.00
	Invoice	Description			Amount	
	041124	UNION DUES FOR P/E 04/05/24			$663.00	
13556	04/11/2024		Accounts Payable	SEIU Local 721		$1,932.20
	Invoice	Description			Amount	
	041124	UNION DUES FOR P/E 04/05/24			$1,932.20	
13557	04/11/2024		Accounts Payable	Frontier California		$137.40
	Invoice	Description			Amount	
	Import - 13344	Radio & Telecommunication			$137.40	
Type EFT Totals:						$892,157.14

CBC GenOpe - CBC General Operating Totals

City of Pico Rivera

Payment Register

From Payment Date: 3/29/2024 - To Payment Date: 4/11/2024

Number	Date	Description	Source	Payee Name	Transaction Amount

Grand Totals:

Checks	Transaction Amount
	$849,545.19

EFTs	Transaction Amount
	$892,157.14

All	Transaction Amount
	$1,741,702.33

CITY COUNCIL AGENDA REPORT

To: Mayor and City Council

From: City Manager

Meeting Date: April 23, 2024

Subject: AUTHORIZING APPLICATION SUBMITTAL FOR THE LOCAL GOVERNMENT WASTE TIRE CLEANUP GRANT FROM THE CALIFORNIA DEPARTMENT OF RESOURCES RECYCLING AND RECOVERY

Recommendation:

1. Approve a resolution authorizing the submission of applications for funding under the California Department of Resources Recycling and Recovery Local Government Waste Tire Cleanup Grant; and

2. Authorize the City Manager or his designee to execute all program-related documents, including future grant applications and administer funding if the City's application is awarded.

Fiscal Impact:

There is no direct fiscal impact to the General Fund from this action. The costs associated with activities of CalRecycle's Local Government Waste Tire Cleanup Grant Program (Grant Program) are funded entirely by awarded monies received from the competitive grant program. If the application is selected, the City will receive a one-time $90,000 grant. No additional appropriations are being requested at this time.

Background:

The California Department of Resources Recycling and Recovery (CalRecycle) is administering $1.25 million through the fiscal year (FY) 2024-25 Local Government Waste Tire Cleanup Grant Program funding cycle. The Grant Program aims to fund the cleanup and abatement of waste tires collected through responsive citywide illegal dumping reports. Funding from this program derives from the California Tire Recycling Management Fund, where fees are levied on the sale of new tires.

California leads the country with the most registered vehicles than any other state. Consequently, more than 51 million reusable and waste tires are generated annually, ultimately posing a potential threat to public health. For example, discarded tires may become a habitat for pests, including mosquitoes, which are capable of transmitting various diseases. Additionally, these waste tires pose a fire hazard and can emit harmful smoke when burned. CalRecycle aims to collaborate with local governments to remove

the public health threats that waste tires pose to our community.

Discussion:

CalRecycle administers approximately $1.7 million annually in competitive grants to eligible cities and counties, for activities that support the abatement of illegally disposed waste tires. The Grant Program funds the collection, removal, transportation, recycling, and disposal of waste tires, including staff time, equipment, and contracts.

This is the first time the City of Pico Rivera (City) is applying for this Grant Program. Staff recommends submitting a grant requesting $90,000 to administer a responsive program to public reports of illegally dumped tires. Under this program, the City will dispatch a team to travel to the subject site, collect the tires, transport the tires to a certified CalRecycle facility, and dispose and recycle the tires.

CalRecycle's guidelines require jurisdictions to submit its completed funding request certification along with an adopted resolution that authorizes application submission, identifies the specific CalRecycle program for which the applicant is eligible, designates staff for administration of the program-related documentation, and establishes the time period for which the authorizations are valid, preferably until rescinded. Program expenditures may start no earlier than the date of the award, which will tentatively begin in August 2024. Distribution of payments will begin in August 2024, and the term will end on October 29, 2026.

Since the City has not previously submitted for this Grant Program, the City must submit an approved and passed resolution to CalRecycle to participate and receive funds from the Grant Program.

Conclusion:

Staff recommends that the City Council approve a resolution (Enclosure 1) authorizing the City's submission of an application for the Grant Program and authorizing the City Manager or his authorized designee to execute all program-related documents and administer the program if the City's application is selected for funding.

Steve Carmona

SC:AG:VHF:ac

Enclosure: 1) Resolution

RESOLUTION NO. ____

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PICO RIVERA, CALIFORNIA, AUTHORIZING SUBMISSION OF GRANT APPLICATIONS AND RELATED AUTHORIZATIONS FOR THE WASTE TIRE CLEANUP GRANT PROGRAM ADMINISTERED BY CALRECYCLE

WHEREAS, the California Public Resources Code authorizes the Department of Resources Recycling and Recovery (CalRecycle) to administer various grant programs, including the Waste Tire Cleanup Grant; and

WHEREAS, in furtherance of this authority, CalRecycle is required to establish procedures governing the administration of the grant programs; and

WHEREAS, CalRecycle grant application procedures require, among other things, an applicant's governing body to declare by resolution certain authorizations related to the administration of CalRecycle grants.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Pico Rivera as follows:

SECTION 1. That the City of Pico Rivera is authorized to submit applications to CalRecycle for the Waste Tire Cleanup Grant, including future grant applications.

SECTION 2. The City Manager, or his/her designee, is hereby authorized as Signature Authority to execute all documents necessary to implement and secure payment.

SECTION 3. That this authorization is effective until rescinded by the Signature Authority or this governing body.

SECTION 4. The City Clerk shall attest and certify the passage and approval of this resolution and it shall become effective immediately upon its approval.

APPROVED AND PASSED this 23rd day of April, 2024.

_____
Andrew C. Lara, Mayor

ATTEST:

_____
Cynthia Ayala, City Clerk

APPROVED AS TO FORM:

_____
Arnold M. Alvarez-Glasman, City Attorney

AYES:
NOES:

CITY COUNCIL AGENDA REPORT

To: Mayor and City Council

From: City Manager

Meeting Date: April 23, 2024

Subject: ESTABLISHING JOB CLASSIFICATION FOR THE FULL-TIME SENIOR WATER TREATMENT SUPERVISOR AND RECLASSIFY THE CURRENT WATER TREATMENT SUPERVISOR TO SENIOR WATER TREATMENT SUPERVISOR

Recommendation:

1. Approve a resolution establishing job classification for the Senior Water Treatment Supervisor, and

2. Approve the reclassification of a Public Works employee from their current position as the Water Treatment Supervisor to the Senior Water Treatment Supervisor.

Fiscal Impact:

Sufficient funding has been appropriated in the fiscal year (FY) 2023-24 Adopted Budget. No additional funding is needed for this recommended action.

Background:

The Pico Rivera Water Authority (PRWA) has built Treatment Facilities at each active well site to remove Perfluoroalkyl and Polyfluoroalkyl (PFAS) substances as part of the citywide PFAS project. The City of Pico Rivera (City) must adhere to water treatment protocols and guidelines established by the State Water Resources Control Board, which have stringent regulations and guidelines. As a result, it is necessary to employ certified personnel capable of operating and maintaining materials, equipment, and supplies required to operate water treatment plants.

Discussion:

The PFAS project includes strict requirements and guidelines as described above. The City would need to employ a certified supervisor to oversee all aspects associated with the operation of water treatment plants. The position will use electronic and computer-based systems for gathering and analyzing real-time data, known as Supervisory Control

and Data Acquisition (SCADA) for various water treatment areas. Due to the size and complexity of this new undertaking, the City's Public Works team has assessed the experience level required and has determined a senior level supervisor would best meet the needs of the City and the new treatment process. As such, staff recommend the establishment of the job description for a Senior Water Treatment Supervisor.

This role requires a higher level of education and certifications than other Water Division classifications. As a result, it will be necessary to have a Senior Water Treatment Supervisor who will be responsible for overseeing the day-to-day operations of these facilities. The current Water Treatment Supervisor meets the requirements for this recommended position. Staff seeks authorization to reclassify this person to the Senior Water Treatment Supervisor.

Conclusion:

Staff recommends that the City Council approve a resolution (Enclosure 1) establishing the job classification for the Senior Water Treatment Supervisor and reclassify a Public Works employee from their current position as the Water Treatment Supervisor to the Senior Water Treatment Supervisor.

Steve Carmona

SC:KS:sp

Enclosure: 1) Resolution/Exhibit A and Exhibit B

RESOLUTION NO. ____

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PICO RIVERA, CALIFORNIA, ESTABLISHING JOB CLASSIFICATION FOR THE FULL-TIME SENIOR WATER TREATMENT SUPERVISOR AND RECLASSIFY A PUBLIC WORKS EMPLOYEE FROM WATER TREATMENT SUPERVISOR TO SENIOR WATER TREATMENT SUPERVISOR

WHEREAS, the City Council of the City of Pico Rivera seeks to establish new classification, and job description for the Senior Water Treatment Supervisor position; and

WHEREAS, it is agreeable and desirable to reclassify a current Public Works employee from Water Treatment Supervisor to Senior Water Treatment Supervisor; and

WHEREAS, this Resolution shall remain in effect until superseded by a subsequent resolution concerning this matter.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Pico Rivera as follows:

SECTION 1. The job description for the position of "Senior Water Treatment Supervisor" as reviewed and approved by Human Resources and the members of the Pico Rivera Mid Managers and Professional & Confidential Employees Association as set forth in Exhibit "A" attached hereto is hereby adopted.

SECTION 2. The Salary Schedules for Senior Water Treatment Supervisor, as set forth in Exhibit "B" is hereby established.

SECTION 3. The City Council reserves the right and discretion to review and amend this Resolution as it deems necessary.

SECTION 4. The City Clerk shall attest to the passage of this resolution, and it shall thereupon be in full force effect.

APPROVED AND PASSED this 23rd day of April 2024.

_____
Andrew C. Lara, Mayor

ATTEST:

_____
Cynthia Ayala, CMC, City Clerk

APPROVED AS TO FORM:

_____
Arnold M. Alvarez-Glasman, City Attorney

AYES:
NOES:

EXHIBIT "A"

GENERAL PURPOSE

Supervises staff, contractors and vendors and performs a variety of administrative and technical functions related to the water treatment and production operations and pumping and treatment facilities.

The Senior Water Treatment Supervisor is a section head in the Water Division responsible for supervising the day-to-day operations of all water production and treatment related functions including the construction and maintenance and operation of telemetry, underground wells, pumps, meters, engines, storage, and related water treatment facilities. The employee supervises staff, responds to emergencies, and ensures continuity of services and the safety of the water supply.

EXAMPLES OF ESSENTIAL FUNCTIONS

The duties listed below are intended only as illustrations of the various types of work that may be performed by employees in this classification. Functions may be added, modified or deleted to meet the needs of the City.

- Carries out supervisory responsibilities in accordance with policies, procedures, and applicable laws, including: interviewing, hiring and training staff; developing schedules and distributing work orders; establishing deadlines; briefing staff on safety procedures; appraising performance; rewarding and disciplining employees; coordinating, developing and approving staff training; and addressing complaints and resolving problems.

- Plans, schedules, organizes, directs, and inspects the work of crews engaged in the operation, installation, repair, renewal, and maintenance of all water pumps, and operating valves and piping in water pumping facilities. Supervises, inspects, and participates in the work crews performing water treatment and production activities, including the maintenance and repair of water treatment facilities, booster pump stations, underground wells, and pumping facilities.

- Supervises the testing, repair, replacement and/or installation of all water meters, fire services and hydrants, electrical equipment, regulators, relief and control valves, vacuum breakers, air release valves, pumps, and appurtenances; operation of water treatment and pumping plants; cleaning, maintenance, and repair of reservoirs and storage tanks; maintenance of water division properties and structures.

- Supervises the operation of the water treatment plant operations; works with State Water Resources Control Board on water quality issues.

- Confers with customers, property owners, representatives of other utilities, and employees of other divisions/departments regarding complaints, work requests, surveys.

- Procures supplies and equipment; conducts safety programs.

- Develops and implements preventative maintenance programs.

- Coordinates maintenance projects with other departments and agencies as necessary.

- Utilizes the computer and various software programs and work order software to retrieve information, approve and assign work, and order reports.

- Assists in the planning and design of facility related capital projects.

- Implements new/updated repair and maintenance techniques.

- Leads water maintenance during situations of disaster/emergency response.

- Oversees the preparation and performance of routine, preventative and programmed maintenance activities for water.

- Prepares and oversees vendor contracts and assures compliance.

- Schedules, inspects and reviews contracted work to assure compliance with specifications; taking necessary action to achieve contractors' compliance; enforcing safety regulations.

- Assists in preparing the budget, including: conducting research and forecasting spending.

- Interprets, develops, communicates, updates, and monitors departmental policies and procedures for water maintenance services; recommends improvement when necessary.

- Prepares and/or reviews complex, routine and non-routine reports and performs analysis utilizing a variety of computer software.

- Relays and interprets administrative decisions, policies, and instructions.

- Ensures quality standards and compliance with regulations are maintained.
- Delegates tasks and monitors proper usage of tools and equipment.
- Explains and interprets department practices, work procedures, and safety regulations that employees are expected to meet within the work unit or department.
- Checks work and services provided by personnel for adherence with City, department and program requirements and standards and provide suggestions for improvement.
- Drafts and assists in the preparation of performance evaluations.
- Documents and discusses work problems that might lead to further counseling or disciplinary actions.
- Monitors program expenditures and reports funds available under specific accounts.
- Prepares program and project status reports.
- Researches, prepares, and presents oral and written reports.
- Represents the City or department at meetings, seminars, workshops, and conferences.
- Serves as backup for other positions within the department, when directed.
- Performs other related duties as assigned.

QUALIFICATIONS GUIDELINES

Knowledge/Skills/Abilities

Knowledge of:

Customer service techniques; safety procedures and practices; communication practices; time management methods; conflict resolution methods; supervisory techniques; leadership techniques; work organization planning methods; budget preparation methods.

Thorough knowledge of the administrative principles and practices of goal setting, program and budget development, work planning and organization; principles, practices and methods used in the installation, construction, maintenance, repair, and operation of water mains, services, water meters, pumping plants, water

treatment plants, and related facilities and equipment; City water system; principles of hydraulics; recognized safety practices and requirements; principles and practices of effective employee supervision, including selection, training, work evaluation and discipline; equal employment/affirmative action guidelines and policies.

Occupational hazards and OSHA standards applicable to street maintenance work and/or contract field management.

Purchasing procedures and practices.

Applicable state, federal and local ordinances, codes, pertinent laws, rules and regulations.

American Public Works Association and Caltrans Standard Specifications and Plans for street and public right-of-way construction.

Work Area Traffic Control Handbook.

Principles and practices of public administration, including knowledge of government organizations and operations.

Complex field investigation procedures; field construction and maintenance practices; general inspection and enforcement practices.

Skills:

- Use of a personal computer/laptop; perform mathematical computations.
- Utilize specialized software programs;
- Operate a vehicle and equipment safely;
- Use hand and power tools and operating heavy equipment;
- Plan, organize, assign, direct, review and evaluate the work of staff;
- Select and motivate staff and provide for their training and professional development;
- Develop and monitor contracts.
- Estimate time, equipment, and materials for work projects.
- Depending upon assignment, proficiency in a designated second language (Spanish) is desired.

Ability to:

Organize and prioritize multiple tasks; analyze and solve problems; research and interpret data; interpret standards and practices; demonstrate effective interpersonal skills; use conflict resolution techniques; follow oral and written instructions; work with minimal supervision; initiate and complete performance evaluations; write reports; comply with required regulations; delegate tasks and manage projects; maintain confidentiality of non-public records; demonstrate effective leadership skills.

Interpret plans and specifications; identify and safely handle hazardous materials; interpret laws and regulations; give effective oral and public presentations; interview and hire employees; recommend and implement disciplinary actions.

Physical strength and ability to lift up to 50 lbs, bend in all directions, squeeze with arms and hands, pull and lower up to 50 lbs.

Ability to identify and solve problems involving several variables.
Ability to respond to after-hour emergency callouts and perform routine standard duties.

Education/Training/Experience

Education:

A high school diploma or G.E.D. certificate; supervisory and managerial training.

College coursework/extension classes; Bachelor's degree in Public Administration or a related field is desired.

Experience:

Five years of progressively responsible experience in street maintenance and repair work; two years of supervisory experience; leadership experience; public contact experience.

Any combination of education and/or experience that provides the knowledge, skills, and abilities necessary for acceptable job performance would qualify such as five years of experience in the operation of water system facilities, including maintenance of electrical and pressure pumping and regulating equipment, and including two years lead/supervisory experience are required.

Licenses/Certification/Special Requirements:

Valid California Class C Driver's License and an acceptable driving record.

A valid Grade 2 Water Treatment Operator Certificate and Grade 3 Water Distribution Certificate issued by the State Water Resources Control Board is required.

PHYSICAL AND MENTAL DEMANDS

The physical and mental demands described here are representative of those that must be met by employees to successfully perform the essential functions of this class. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Physical Demands

While performing the duties of this job, the employee is regularly required to use hands to handle, feel or operate objects, tools, or controls and reach with hands and arms. The employee frequently is required to stand and talk or hear; walk; sit; climb or balance; stoop, kneel, crouch or crawl.

The employee must frequently lift up to 50 lbs. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and the ability to adjust focus.

Mental Demands

While performing the duties of this class, employees are regularly required to use written and oral communication skills; read and interpret data, information and documents; analyze and solve problems; use math and mathematical reasoning; observe and interpret situations; learn and apply new information or new skills; work under deadlines with constant interruptions; and interact with City staff, other organizations and the public; occasionally required to deal with dissatisfied or quarrelsome individuals.

WORK ENVIRONMENT

The employee regularly works in office conditions as well as outside weather conditions. The employee is exposed to traffic, wet or humid conditions, and vibration. The noise level is frequently loud.

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this class. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Class specifications are only intended to present a descriptive summary of the range of duties and responsibilities that are associated with specified positions. Therefore, specifications may not include all duties performed by individuals within a classification and may be requested to perform job-related responsibilities and tasks other than those stated in this specification. In addition, specifications are intended to outline the minimum qualifications necessary for entry into the class and do not necessarily convey the qualifications of incumbents within the position.

EXHIBIT "B"

SALARY SCHEDULE

POSITION TITLE		MONTHLY SALARY	ANNUAL SALARY
Senior Water Treatment Supervisor		$9,529 -$10,958	$114,348 - $131,496

CITY COUNCIL AGENDA REPORT

To: Mayor and City Council

From: City Manager

Meeting Date: April 23, 2024

Subject: APPROVAL OF FINAL TRACT MAP NO. 83619 – 45-UNIT TOWNHOME HOME DEVELOPMENT LOCATED AT 4820 DURFEE AVENUE

Recommendation:

1. Approve a resolution for Final Tract Map No. 83619 – 45-unit townhome development located at 4820 Durfee Avenue;

2. Approve Final Tract Map No. 83619 as it conforms to the requirements in the Subdivision Map Act and previously approved Vesting Tentative Tract Map No. 83619;

3. Accept dedication of an easement for public street and utility purposes;

4. Authorize the Public Works Director/City Engineer to sign the Final Parcel Map; and

5. Authorize the City Clerk to sign and submit Final Tract Map No. 83619 for recordation with the Los Angeles County Registrar-Recorder's Office.

Fiscal Impact:

The recommended City Council action does not have a fiscal impact to the General Fund. However, the eventual development of residential housing on this site will increase the total assessed property value in the City. This in turn will increase property tax revenue for the City.

Discussion:

The project site is located at 4820 Durfee Avenue at the northeast corner of Durfee Avenue and Stephens Street. The property was originally developed by Warmington Residential. Warmington Residential has sold the project to the new developer, KB Homes. The proposed development includes the construction of 45 three-story

townhouse condominiums. The project site is located in a Multi-Family Residential (R-M) zoned district. The site is comprised of one (1) parcel, totaling approximately 2.493 acres (108,595 square feet) in land area, and is irregularly shaped. The site is currently accessible to pedestrians from Stephens Street. The site is bounded to the north by a Union Pacific Railroad, to the south by Stephens Street, to the east by an existing single family residential neighborhood, and to the west by Durfee Avenue.

Vesting Tentative Tract Map No. 83619 was recommended for approval on April 6, 2022, by the Division of Land Committee of the City of Pico Rivera. On July 11, 2022, the Planning Commission of the City of Pico Rivera recommended approval of Vesting Tentative Tract Map No. 83619. On August 9, 2022, City Council approved Vesting Tentative Parcel Map No. 83619 by Resolution No. 7217.

To complete the process, the developer has submitted the final tract map for City Council approval. The City Attorney has confirmed that the approval of the vesting tentative tract map has not expired, and the final tract map is eligible for submittal to the City Council for approval.

Pursuant to the provisions of the State of California Government Code Sections 66458 and 66462, Article 4, Chapter 3 of the Subdivision Map Act and Pico Rivera Municipal Code Section 17.20.390, final tract maps require City Council approval and authorization for the recordation of the final tract map.

Conclusion:

Staff has reviewed and determined that Final Tract Map No. 83619 conforms to the approved Vesting Tentative Tract Map No. 83619 and is in compliance with the Pico Rivera Municipal Code Chapter 17.20 and Subdivision Map Act. Approval of Final Tract Map No. 83619 and recordation with the Los Angeles County Registrar-Recorder's Office is recommended.

Steve Carmona

SC:NN:KV:np

Enclosure: 1) Resolution/Exhibit A

RESOLUTION NO. ____

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PICO RIVERA, CALIFORNIA, APPROVING THE FINAL TRACT MAP NO. 83619 TO ALLOW FOR CONSTRUCTION OF FORTY-FIVE (45) TOWNHOMES LOCATED AT 4820 DURFEE AVE

WHEREAS, in 2021, Warmington Residential submitted an application for Vesting Tentative Tract Map No. 83619 to allow for construction of forty-five (45) townhomes at the northeast corner of Durfee Avenue and Stephens Street, in accordance with the procedures set forth in Pico Rivera Municipal Code ("PRMC") Title 17, and the Subdivision Map Act as codified under Division 2, Title 7 of the California Government Code ("Subdivision Map Act");

WHEREAS, in accordance with the PRMC and the Subdivision Map Act, the City Council of the City of Pico Rivera has reviewed Final Tract Map No. 83619 (attached hereto and legally described in Exhibit "A") as required by law;

WHEREAS, the purpose of PRMC Title 17 is intended to promote the conservation, stabilization and protection of property values through the orderly growth and development of the community;

WHEREAS, the City's Division of Land Committee conditionally approved Vesting Tentative Tract Map No. 83619 on April 6, 2022;

WHEREAS, on March 5, 2018, the Planning Commission adopted Resolution No. 1263, approving Vesting Tentative Tract Map No. 83619;

WHEREAS, on August 9, 2022, the City Council of the City of Pico Rivera adopted Resolution No. 7217, approving Vesting Tentative Tract Map No. 83619;

WHEREAS, in accordance with the Subdivision Map Act, the Director of Public Works has determined Final Tract Map No. 83619 is in substantial conformance with said approved Vesting Tentative Tract Map No. 83619; and

WHEREAS, Final Tract Map No. 83619 substantially complies in all manner with the provisions of the California Government Code, Chapter 2, Sections 66433 – 66443;

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Pico Rivera as follows:

SECTION 1. The above recitals are true and correct and incorporated herein by reference.

SECTION 2. The City Council hereby finds that the Final Tract Map No. 83619 is in substantial conformance with Vesting Tentative Tract Map No. 83619 in accordance with PRMC Section 17.20.010.

SECTION 3. The City Council also finds all City conditions imposed in connection with the approval of the Vesting Tentative Map No. 83619 have been satisfied.

SECTION 4. The City Council hereby approves Final Tract Map No. 83619, and herby authorizes the Public Works Director / City Engineer to sign the Final Tract Map No. 83619.

SECTION 5. The City Clerk is hereby authorized and directed to endorse upon the face of said Map this Order authenticated by the seal of the City of Pico Rivera.

SECTION 6. Final Tract Map No. 83619 is categorically exempt from the California Environmental Quality Act pursuant to Article 18, Statutory Exemptions, Title 14 of the California Code of Regulations Section 15268(b)(3) Ministerial Projects, approval of final subdivision maps.

SECTION 7. The City Clerk shall certify to the approval of this resolution, and hereafter the same shall be in full force and effect.

APPROVED AND PASSED this 23rd day of April 2024.

_____
Andrew C. Lara, Mayor

ATTEST:

_____
Cynthia Ayala, City Clerk

APPROVED AS TO FORM:

_____
Arnold M. Alvarez-Glasman, City Attorney

AYES:
NOES:

EXHIBIT "A"
(Final Tract Map No. 83619)

1 NUMBERED LOT
2.493 ACRES GROSS
2.350 ACRES NET

TRACT NO. 83619

IN THE CITY OF PICO RIVERA, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA

BEING A SUBDIVISION OF A PORTION OF LOT 47 OF THE RANCHO PASO DE BARTOLO, AS SHOWN ON THE MAP OF PARTITION FILED IN CASE NO. 20613 SUPERIOR COURT, RECORDED IN BOOK 999 PAGE 81 OF DEEDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

DANE P. MCDOUGALL
L.S. 9297

C&V CONSULTING, INC.

DATE OF SURVEY:
JULY 2021

FOR CONDOMINIUM PURPOSES

OWNER'S STATEMENT

WE HEREBY STATE THAT WE ARE THE OWNERS OF OR ARE INTERESTED IN THE LAND INCLUDED WITHIN THE SUBDIVISION SHOWN ON THIS MAP WITHIN THE DISTINCTIVE BORDER LINES, AND WE CONSENT TO THE PREPARATION AND FILING OF SAID MAP AND SUBDIVISION.

WE HEREBY DEDICATE TO THE PUBLIC USE AN EASEMENT FOR STREETS, HIGHWAYS, AND OTHER PUBLIC WAYS, AS SHOWN ON SAID MAP WITHIN SAID SUBDIVISION.

ALSO WE HEREBY DEDICATE TO THE CITY OF PICO RIVERA, EASEMENTS FOR EMERGENCY AND PUBLIC SECURITY VEHICLE INGRESS AND EGRESS, AND PUBLIC UTILITY PURPOSES.

WE HEREBY CERTIFY THAT EXCEPT AS SHOWN ON A COPY OF THIS MAP ON FILE IN THE OFFICE OF THE CITY ENGINEER WE KNOW OF NO EASEMENT OR STRUCTURE EXISTING WITHIN THE EASEMENTS HEREBY OFFERED FOR DEDICATION TO THE PUBLIC, OTHER THAN PUBLICLY OWNED WATER LINE, SEWERS, OR STORM DRAINS; THAT WE WILL GRANT NO RIGHT OR INTEREST WITHIN THE BOUNDARIES OF SUCH EASEMENTS OFFERED TO THE PUBLIC EXCEPT WHERE SUCH RIGHT OR INTEREST IS EXPRESSLY MADE SUBJECT TO SAID EASEMENT.

KB HOME GREATER LOS ANGELES INC., A CALIFORNIA CORPORATION. (OWNER)

BY: _____
JOHN "JAKE" PERSONS
VICE PRESIDENT, FORWARD PLANNING

NOTARY ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA }
COUNTY OF _____ } SS

ON _____, BEFORE ME, _____,

A NOTARY PUBLIC, PERSONALLY APPEARED _____

_____, WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND:

SIGNATURE _____

NAME _____

MY PRINCIPAL PLACE OF BUSINESS IS
IN _____ COUNTY

MY COMMISSION NO. _____

MY COMMISSION EXPIRES _____

SIGNATURE OMISSIONS

THE SIGNATURES OF THE PARTIES NAMED HEREINAFTER AS OWNER OF THE INTEREST SET FORTH HAVE BEEN OMITTED UNDER THE PROVISIONS OF SECTION 66436(a)(3)(A)(i–viii) OF THE SUBDIVISION MAP ACT. THEIR INTEREST IS SUCH THAT IT CANNOT RIPEN INTO A FEE TITLE, AND SAID SIGNATURES ARE NOT REQUIRED BY THE LOCAL AGENCY:

STANDARD OIL COMPANY HOLDER OF AN EASEMENT FOR CONDUITS AND INCIDENTAL PURPOSES, RECORDED AUGUST 6, 1919 IN BOOK 6916 OF DEEDS, PAGE 107. PLOTTED HEREON.

CITY OF PICO RIVERA HOLDER OF AN EASEMENT FOR PUBLIC ROAD AND INCIDENTAL PURPOSES, RECORDED MARCH 19, 1895 IN BOOK 999 OF DEEDS, PAGE 81.
THE LOCATION OF SAID EASEMENT IS INDETERMINATE FROM RECORD.

SOUTHERN COUNTIES GAS COMPANY OF CALIFORNIA HOLDER OF AN EASEMENT FOR CONDUITS AND INCIDENTAL PURPOSES, RECORDED NOVEMBER 6, 1924 AS INSTRUMENT NO. 1288 IN BOOK 3505, PAGE 228 OF OFFICIAL RECORDS.
THE LOCATION OF SAID EASEMENT IS INDETERMINATE FROM RECORD.

THE SAN GABRIEL VALLEY COUNCIL OF GOVERNMENTS HOLDER OF AN EASEMENT FOR ROAD, SLOPE, UTILITY AND INCIDENTAL PURPOSES BY FINAL ORDER OF CONDEMNATION, RECORDED JUNE 08, 2021 AS INSTRUMENT NO. 20210903446 OF OFFICIAL RECORDS. NOTED HEREON.

CITY CLERK'S CERTIFICATE

I, CITY CLERK OF THE CITY OF PICO RIVERA, DO HEREBY CERTIFY THAT THIS MAP, TRACT NO. 83619, WAS PRESENTED FOR APPROVAL TO THE CITY COUNCIL OF THE CITY OF PICO RIVERA AT A REGULAR MEETING THEREOF HELD ON THE _____ DAY OF _____, 2024 AND THAT THEREUPON SAID COUNCIL DID, BY AN ORDER DULY PASSED AND ENTERED, APPROVED SAID MAP AND DID ACCEPT ON BEHALF OF THE PUBLIC ALL STREETS, HIGHWAYS AND OTHER PUBLIC WAYS AS SHOWN ON THIS MAP HEREON.

THE CITY OF PICO RIVERA DID ALSO ACCEPT EASEMENTS FOR UTILITIES, PUBLIC SERVICE VEHICULAR ACCESS AND EMERGENCY VEHICULAR ACCESS OVER THE PRIVATE STREETS AS SHOWN ON THIS MAP HEREON.

_____ _____
CITY CLERK, CITY OF PICO RIVERA DATE

SPECIAL ASSESSMENT CERTIFICATE

I HEREBY CERTIFY THAT ALL SPECIAL ASSESSMENTS LEVIED UNDER THE JURISDICTION OF THE CITY OF PICO RIVERA, TO WHICH THE LAND INCLUDED IN THE WITHIN SUBDIVISION OR ANY PART THEREOF IS SUBJECT, AND WHICH MAY BE PAID IN FULL, HAVE BEEN PAID IN FULL.

_____ _____
CITY TREASURER DATE
CITY OF PICO RIVERA

LOS ANGELES COUNTY TAX CERTIFICATES

I HEREBY CERTIFY THAT SECURITY IN THE AMOUNT OF $_____ HAS BEEN FILED WITH THE EXECUTIVE OFFICER, BOARD OF SUPERVISORS OF THE COUNTY OF LOS ANGELES AS SECURITY FOR THE PAYMENT OF TAXES AND SPECIAL ASSESSMENTS COLLECTED AS TAXES ON THE LAND SHOWN ON MAP OF VESTING TRACT NO. 83619 AS REQUIRED BY LAW.

EXECUTIVE OFFICER, BOARD OF SUPERVISORS OF THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA

BY _____ _____
DEPUTY DATE

I HEREBY CERTIFY THAT ALL CERTIFICATES HAVE BEEN FILED AND DEPOSITS HAVE BEEN MADE THAT ARE REQUIRED UNDER THE PROVISIONS OF SECTIONS 66492 AND 66493 OF THE SUBDIVISION MAP ACT.

EXECUTIVE OFFICER, BOARD OF SUPERVISORS OF THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA

BY _____ _____
DEPUTY DATE

SURVEYOR'S STATEMENT

THIS MAP WAS PREPARED BY ME OR UNDER MY DIRECTION AND IS BASED UPON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCE AT THE REQUEST OF KB HOME GREATER LOS ANGELES INC, ON JULY 1ST 2021. I HEREBY STATE THAT THIS FINAL MAP SUBSTANTIALLY CONFORMS TO THE CONDITIONALLY APPROVED TENTATIVE MAP; THAT I AM A LICENSED LAND SURVEYOR OF THE STATE OF CALIFORNIA; THAT THIS MAP CONSISTING OF 6 SHEETS, CORRECTLY REPRESENTS A TRUE AND COMPLETE SURVEY MADE BY ME OR UNDER MY DIRECTION ON JULY 5, 2021. THAT THE MONUMENTS OF THE CHARACTER AND LOCATIONS SHOWN HEREON ARE SUFFICIENT TO ENABLE THE SURVEY TO BE READILY RETRACED; THAT BOTH BOUNDARY AND CENTERLINE MONUMENTS ARE IN PLACE OR WILL BE IN PLACE WITHIN 24 MONTHS FOLLOWING THE FILING DATE OF THIS MAP; AND THAT THE REQUIRED TIE NOTES TO CENTERLINE MONUMENTS SHOWN AS "TO BE SET" WILL BE ON FILE IN THE OFFICE OF THE CITY ENGINEER OF THE CITY OF PICO RIVERA WITHIN 24 MONTHS FROM THE FILING DATE SHOWN HEREON.

_____ _____
DANE P. MCDOUGALL DATE
L.S. 9297

PROFESSIONAL LAND SURVEYOR · DANE P. MCDOUGALL · L.S. 9297 · STATE OF CALIFORNIA

CITY ENGINEER'S STATEMENT

I HEREBY STATE THAT I HAVE EXAMINED THIS MAP AND THAT IT CONFORMS SUBSTANTIALLY TO THE TENTATIVE MAP AND ALL APPROVED ALTERATIONS THEREOF; THAT ALL PROVISIONS OF LOCAL ORDINANCES OF THE CITY OF PICO RIVERA APPLICABLE AT THE TIME OF APPROVAL OF THE TENTATIVE MAP HAVE BEEN COMPLIED WITH; THAT ALL PROVISIONS OF THE SUBDIVISION MAP ACT SECTION 66442(a)(1), (2), AND, (3) HAVE BEEN COMPLIED WITH.

_____ _____
NOE NEGRETE, JR. DATE
CITY ENGINEER
CITY OF PICO RIVERA
R.C.E. 60280

REGISTERED PROFESSIONAL ENGINEER · NOE NEGRETE, JR. · No. 60280 · CIVIL · STATE OF CALIFORNIA

CITY SURVEYOR'S STATEMENT

I HEREBY CERTIFY THAT I HAVE EXAMINED THIS MAP AND THAT IT COMPLIES WITH ALL MAPPING PROVISIONS OF THE SUBDIVISION MAP ACT AND THAT I AM SATISFIED THAT THIS MAP IS TECHNICALLY CORRECT.

_____ _____
DAVID B. RAGLAND DATE
CONSULTING CITY SURVEYOR
CITY OF PICO RIVERA
L.S. NO. 5173

PROFESSIONAL LAND SURVEYOR · DAVID B. RAGLAND · L.S. 5173 · STATE OF CALIFORNIA

CONDOMINIUM NOTE

THIS SUBDIVISION IS APPROVED AS A CONDOMINIUM PROJECT FOR 45 UNITS, WHEREBY THE OWNERS OF THE UNITS OF AIR SPACE WILL HOLD AN UNDIVIDED INTEREST IN THE COMMON AREAS OF LOT 1 WHICH WILL, IN TURN, PROVIDE THE NECESSARY ACCESS AND UTILITY EASEMENTS FOR THE UNITS.

TRACT NO. 83619

IN THE CITY OF PICO RIVERA, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA

DANE P. MCDOUGALL
L.S. 9297

C&V CONSULTING, INC.

DATE OF SURVEY:
JULY 2021

FOR CONDOMINIUM PURPOSES

MONUMENT NOTES

(1) FD PUNCHED ROUNDHEAD S&W, NO STAMPING, PER P.W.F.B. 1126/1306–1307. ACCEPTED AS THE C/L INT. DURFEE ROAD & BEVERLY ROAD (WEST).

(2) FD PUNCHED ROUNDHEAD S&W, NO STAMPING, PER C.S.F.B. 1280/26. ACCEPTED AS THE C/L INT. DURFEE ROAD & OLYMPIC BOULEVARD (WEST).

(3) FD. PUNCHED ROUNDHEAD S&W, NO STAMPING PER C.S.F.B. 1280/47, ACCEPTED AS THE C/L INTERSECTION OF WEST BOULEVARD & DURFEE AVENUE.

(4) SFN – EST C/L INT. WHITTIER BOULEVARD & DURFEE AVENUE BY 2 FD. TIES PER P.W.F.B. 1126/1229–1230.

(5) SFN – EST. ANGLE POINT IN PASSONS BOULEVARD BY 2 FD. TIES PER C.E.F.B. 1226/153.

(6) FD. 4 PUNCH MARKS ON SEWER MANHOLE RIM, PER R.D.F.B. 1126/115. ACCEPTED AS C/L INT. OF WALNUT & TOBIAS AVENUES. NO TIES FD.

(7) FD. 2" PUNCHED BRASS DISC STAMPED "COUNTY SURVEYOR RE 329", PER R.D.F.B. 1126/115, DOWN 0.50' IN WELL. ACCEPTED AS C/L INTERSECTION OF CANAL WAY & WALNUT AVENUE.

(8) FD 1" I.P. WITH CONC PLUG & NAIL, PER R1. ACCEPTED AS THE SW COR. LOT 41 OF R2. POINT FALLS ON THE N'LY U.P.R.R. RIGHT–OF–WAY LINE THEREBY CONFIRMING THE ESTABLISHMENT HEREON.

(9) FD. LT&T "RCE 9070" PER R1. ACCEPTED AS A 5' O/S ON THE N'LY PROLONGATION OF THE E. LINE OF LOT 36 OF R2.

(10) FD. 2–1/2" BRASS DISC STAMPED "COUNTY SURVEYOR RE 329", PER C.S.F.B. 1280/96, DOWN 0.5' IN WELL. ACCEPTED AS C/L INT. OF STEPHENS STREET & TOBIAS AVENUE.

(11) FD. 3–1/2" BRASS DISC STAMPED "LOS ANGELES COUNTY FLOOD CONTROL DISTRICT", PER FCSD 6301/183 IN WELL. DISC IS DETACHED FROM BASE. LOCATED 5/8 REBAR BASE. FITS TIES PER FCSD 6301/183. ACCEPTED AS C/L INT. OF STEPHENS & CHURCH STREETS.

(12) SFN – EST INT. BY 4 FD. TIES PER FCSD 6301/185. ACCEPTED AS THE INT. OF THE SW'LY C/L PROD. OF STEPHENS STREET WITH THE C/L OF PASSONS BOULEVARD AS SHOWN PER C.E.F.B. 1226/154.

(13) FD. 2" I.P. & TAG STAMPED "LS 2505" PER R1. ACCEPTED AS THE B.C. ON THE N. LINE OF STEPHENS STREET PER R1.

○ INDICATES 2" IRON PIPE TAGGED "LS 9297", OR 8" S&W STAMPED "MCDOUGALL LS 9297", FLUSH, OR LEAD, TACK, & TAG "LS 9297", OR NAIL & TAG "LS 9297" TO BE SET AT ALL TRACT BOUNDARY CORNERS UNLESS OTHERWISE NOTED.

□ INDICATES 1" IP TAGGED "LS 9297", FLUSH; OR 8" S&W STAMPED "MCDOUGALL LS 9297" IN ASPHALT HAVING A THICKNESS OF 2" OR MORE, FLUSH; OR LT&T "LS 9297" IN CONCRETE TO BE SET AT ALL STREET CENTERLINE POINTS OF CONTROL UNLESS OTHERWISE INDICATED.

BASIS OF BEARINGS:

THE BEARINGS SHOWN HEREON ARE BASED ON THE BEARING OF NORTH 45°10'48.4" EAST BETWEEN CALIFORNIA SPATIAL REFERENCE CENTER CONTINUOUSLY OPERATING REFERENCE STATIONS "BKMS" AND "RHCL".

DATUM STATEMENT

ALL COORDINATES SHOWN HEREON ARE GRID VALUES BASED ON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE V, NORTH AMERICAN DATUM OF 1983, 2010.00 EPOCH, NAD83(2011), IN ACCORDANCE WITH THE CALIFORNIA PUBLIC RESOURCES CODE SECTIONS 8801–8819. ALL DISTANCES SHOWN HEREON ARE GROUND VALUES UNLESS OTHERWISE NOTED. A SITE SPECIFIC COMBINATION SCALE FACTOR OF 0.999996409 WAS USED FOR THIS PROJECT AT NORTHING 1823294.85, EASTING 6538322.79 (HEREIN AFTER REFEREED TO AS "CSF POINT") AT AN ORTHOMETRIC ELEVATION OF 182.71' (NAVD88). ALL DISTANCES SHOWN HEREON ARE GROUND. TO OBTAIN GRID DISTANCES, MULTIPLY GROUND DISTANCES BY THE COMBINATION SCALE FACTOR.

ESTABLISHMENT NOTES

(A) SFN – HELD REC. DISTANCE [160.01'] PER R1 TO EST. ANGLE POINT IN THE C/L OF DURFEE AVENUE.

(B) W'LY PROLONGATION OF THE WALNUT AVENUE C/L EST. FROM THE LINE BETWEEN MON. NO. 6 & 7 TO THE C/L OF DURFEE AVENUE.

(C) HELD REC. ANGLE [102°44'24"] & DISTANCE [18.46'] FROM MON. NO. 6 PER R1 TO EST. A POINT ON THE N'LY LINE OF THE U.P.R.R. RIGHT–OF–WAY LINE.

(D) HELD REC. ANGLE [90°] & DISTANCE [153.01'] PER R1 TO EST. THE SE COR. OF LOT 36 OF R2.

(E) C/L U.P.R.R. R/W EST. 50.00' S'LY OF & PARALLEL TO THE N'LY LINE OF SAID R/W PER R1.

(F) HELD REC. RADIUS [2814.89'] & TANGENCY TO EST. CURVE IN THE C/L OF THE UPRR R/W BETWEEN (L) & (E) PER R1.

(G) EST. THE S'LY R/W OF STEPHENS STREET PER R3.

(H) N'LY R/W OF STEPHENS STREET PER BOOK 4452/386 OF OFFICIAL RECORDS AS SHOWN ON R4. (A PORTION OF THIS R/W HAS BEEN VACATED PER R6).

(I) EST. BY INT., THE DISTANCE SHOWN AS "22.43'" IN R3 IS ERRONEOUS & NOT ACCEPTED. CALC'ED AS 20.57'

(J) EST. BY HOLDING REC. DELTA & RADIUS PER R3. SAID S'LY R/W OF STEPHENS STREET LYING W'LY OF THIS CURVE IS NOT CONCENTRIC OR PARALLEL TO THE C/L OF STEPHENS STREET & IS NOT SHOWN.

(K) AREA DESTROYED BY CONSTRUCTION. SFN AT ALL CORNERS ALONG THE THE DISTINCTIVE BORDER UNLESS NOTED OTHERWISE. SAID CORNERS ARE EST. BY RECORD DATA PER R5.

(L) HELD REC. ANGLE [90°13'45" M&R] PER R1 TO EST. THE BEARING ALONG THE C/L OF THE U.P.R.R. R/W.

(M) PORTION OF (H) VACATED PER INSTRUMENT NO. 3873 RECORDED SEPTEMBER 28, 1961 IN BOOK D1370, PAGE 364 OF OFFICIAL RECORDS.

MAP REFERENCES

R1 – RS 279/69–76

R2 – TRACT NO. 7186, M.B. 81/1.

R3 – ROAD DEED TO THE CITY OF PICO RIVERA RECORDED SEPTEMBER 28, 1961 IN BOOK D1370/358 OF OFFICIAL RECORDS, RECORDED SEPTEMBER 28, 1961.

R4 – TRACT NO. 10171, M.B. 144/17–18.

R5 – INSTRUMENT NO. 20220843082 OF OFFICIAL RECORDS, RECORDED AUGUST 24, 2022.

R6 – INSTRUMENT NO. 3873 RECORDED 9/28/61 IN BOOK D1370, PAGE 364 OF OFFICIAL RECORDS.

M&R – MEASURED AND RECORD DATA PER R1 UNLESS NOTED OTHERWISE.

SCALE: 1" = 150'

TRACT NO. 83619

IN THE CITY OF PICO RIVERA, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA

DANE P. MCDOUGALL
L.S. 9297

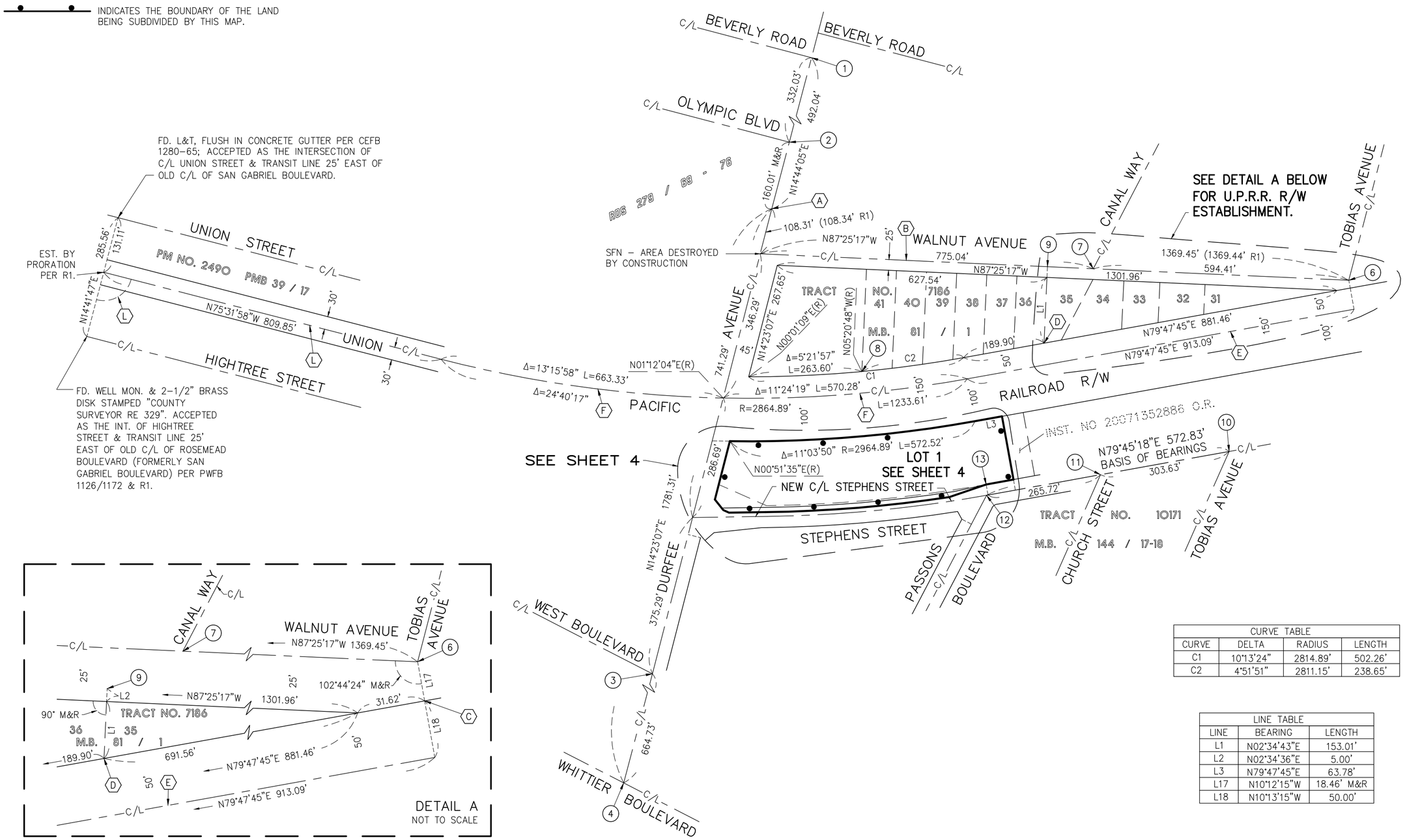
C&V CONSULTING, INC.

DATE OF SURVEY:
JULY 2021

FOR CONDOMINIUM PURPOSES

LEGEND

INDICATES THE BOUNDARY OF THE LAND BEING SUBDIVIDED BY THIS MAP.



CURVE TABLE			
CURVE	DELTA	RADIUS	LENGTH
C1	10°13'24"	2814.89'	502.26'
C2	4°51'51"	2811.15'	238.65'

LINE TABLE		
LINE	BEARING	LENGTH
L1	N02°34'43"E	153.01'
L2	N02°34'36"E	5.00'
L3	N79°47'45"E	63.78'
L17	N10°12'15"W	18.46' M&R
L18	N10°13'15"W	50.00'

SCALE: 1" = 60'

TRACT NO. 83619

IN THE CITY OF PICO RIVERA, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA

DANE P. MCDOUGALL
L.S. 9297

C&V CONSULTING, INC.

DATE OF SURVEY:
JULY 2021

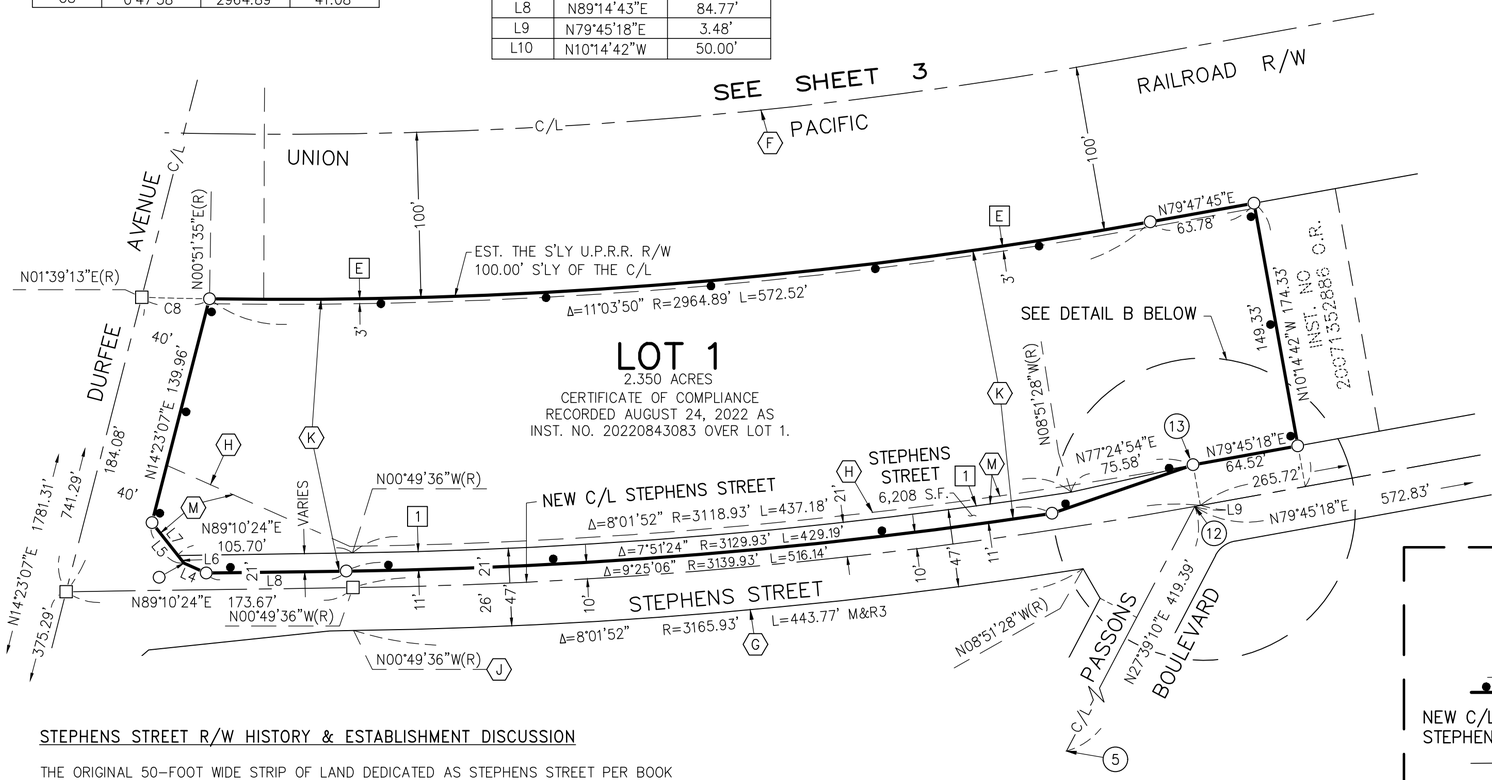
FOR CONDOMINIUM PURPOSES

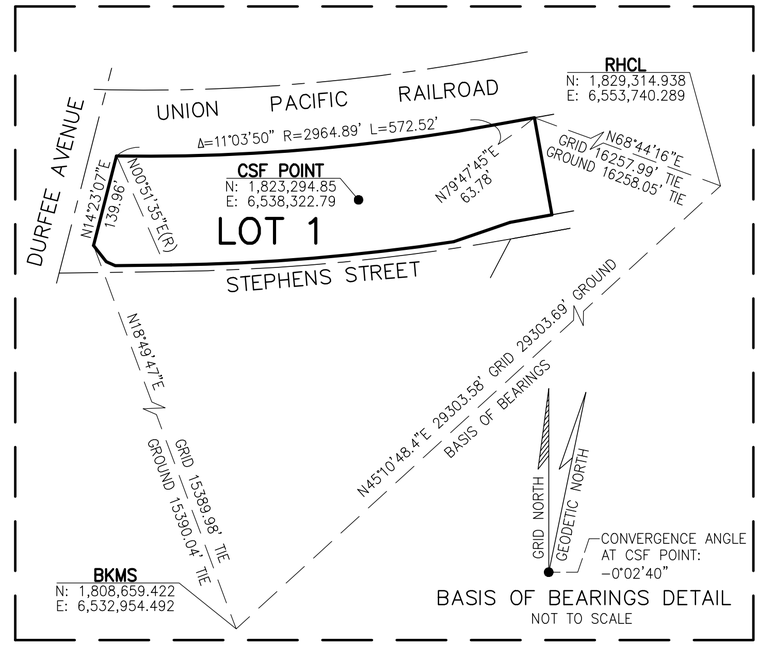
LEGEND

INDICATES THE BOUNDARY OF THE LAND BEING SUBDIVIDED BY THIS MAP.

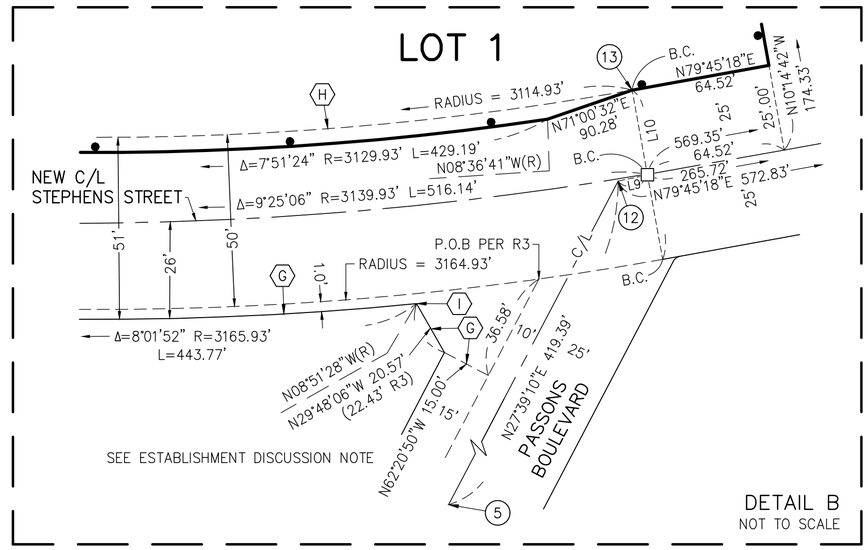
CURVE TABLE			
CURVE	DELTA	RADIUS	LENGTH
C5	10°13'24"	2814.89'	502.26'
C6	4°51'51"	2811.15'	238.65'
C7	7°51'24"	3129.93'	429.19'
C8	0°47'38"	2964.89'	41.08'

LINE TABLE		
LINE	BEARING	LENGTH
L3	N79°47'45"E	63.78'
L4	N66°07'43"W	14.75'
L5	N38°12'03"W	31.22'
L6	N38°12'03"W	5.95'
L7	N38°12'03"W	25.27'
L8	N89°14'43"E	84.77'
L9	N79°45'18"E	3.48'
L10	N10°14'42"W	50.00'





BASIS OF BEARINGS DETAIL
NOT TO SCALE



DETAIL B
NOT TO SCALE

STEPHENS STREET R/W HISTORY & ESTABLISHMENT DISCUSSION

THE ORIGINAL 50-FOOT WIDE STRIP OF LAND DEDICATED AS STEPHENS STREET PER BOOK 4452/386 OF OFFICIAL RECORDS, RECORDED SEPTEMBER 4, 1925 DESCRIBED A 3114.93-FOOT RADIUS CURVE.

SUBSEQUENTLY THE E'LY TERMINUS OF SAID CURVE WAS SHOWN ON TRACT NO. 10171, MB 144/17-18, AS BEING TANGENT TO THE NORTHERLY LINE OF THAT PORTION OF STEPHENS STREET (50' WIDE) DEDICATED ON SAID TRACT MAP. THE B.C. OF SAID CURVE IS RE-ESTABLISHED HEREON AT MON # (13) & SAID CURVE WAS PRODUCED W'LY FROM THIS POINT. ALL CURVES LYING S'LY OF SAID 3114.93-FOOT RADIUS CURVE ARE ACCEPTED AS BEING CONCENTRIC.

THE 3165.93-FOOT RADIUS CURVE IN THE S'LY R/W OF SAID STEPHENS STREET, PER R3, IS EST. HEREON AS CONCENTRIC TO & 51.00 FEET S'LY OF SAID 3114.93-FOOT RADIUS CURVE. WE HELD THE RECORD DELTA OF Δ=8°01'52" PER R3 TO EST. THE W'LY TERMINUS OF SAID CURVE IN SAID S'LY R/W. DUE TO AN ERRONEOUS DISTANCE OF "22.43'", DESCRIBED IN R3, THE E'LY TERMINUS OF SAID CURVE PER R3 IS EST. HEREON BY INTERSECTION AT (I).

THE CITY OF PICO RIVERA REQUIRES A CONCENTRIC R/W WIDTH OF 47.00' WITHIN THIS CURVED PORTION OF STEPHENS STREET. THEREFORE THE N'LY R/W LINE OF SAID 47.00' WIDE R/W IS DIRECTLY RELATED TO THE ESTABLISHMENT OF SAID S'LY R/W.

EASEMENT NOTES

[E] AN EASEMENT IN FAVOR OF STANDARD OIL COMPANY FOR CONDUITS AND INCIDENTAL PURPOSES, RECORDED AUGUST 6, 1919 IN BOOK 6916 OF DEEDS, PAGE 107.

[1] INDICATES AN EASEMENT FOR PUBLIC STREET & PUBLIC UTILITY PURPOSES DEDICATED TO THE CITY OF PICO RIVERA HEREON.

SCALE: 1" = 20'

TRACT NO. 83619

IN THE CITY OF PICO RIVERA, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA

DANE P. MCDOUGALL
L.S. 9297

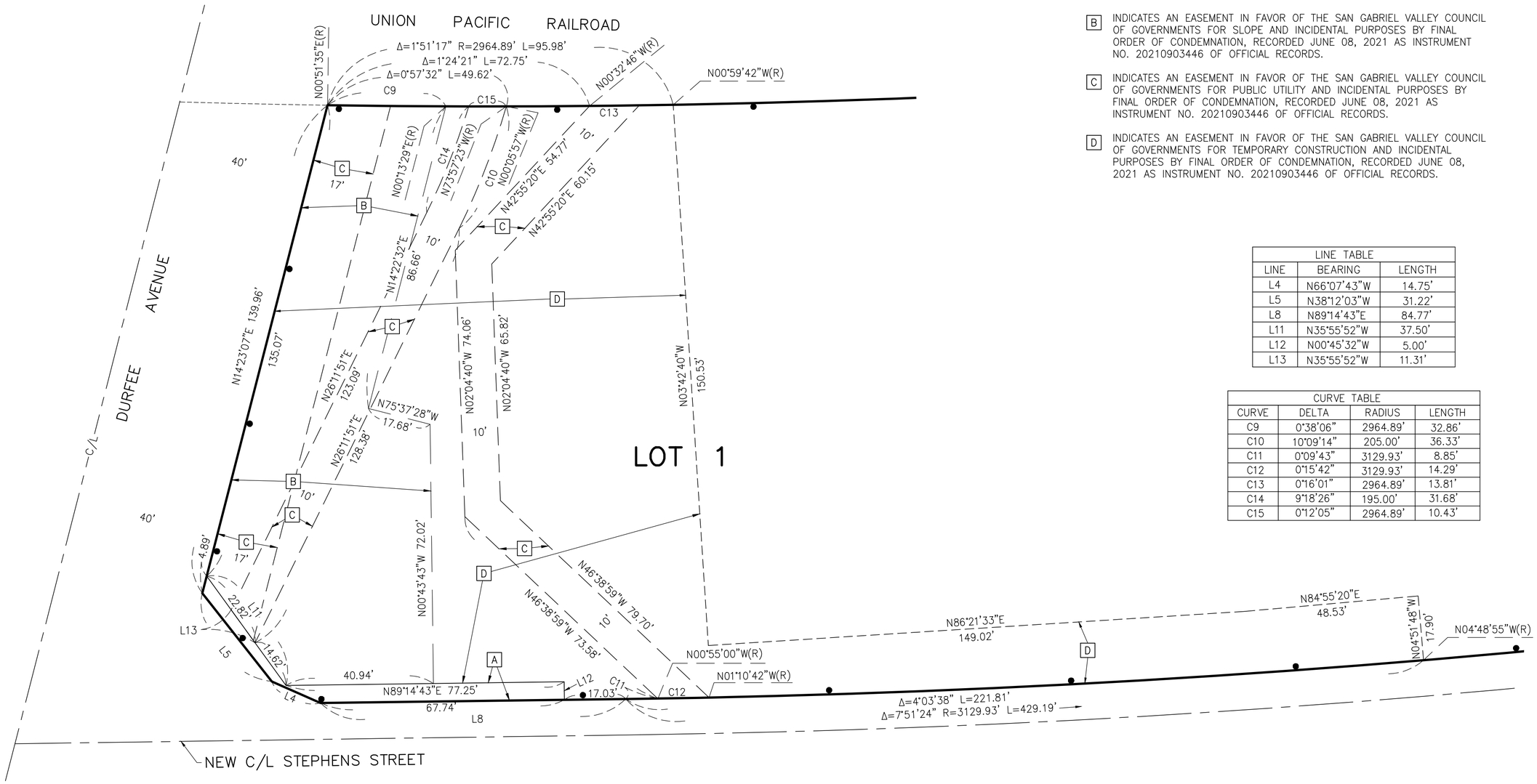
C&V CONSULTING, INC.

DATE OF SURVEY:
JULY 2021

FOR CONDOMINIUM PURPOSES

LEGEND

INDICATES THE BOUNDARY OF THE LAND BEING SUBDIVIDED BY THIS MAP.



EASEMENT NOTES

[A] INDICATES AN EASEMENT IN FAVOR OF THE SAN GABRIEL VALLEY COUNCIL OF GOVERNMENTS FOR ROAD AND INCIDENTAL PURPOSES BY FINAL ORDER OF CONDEMNATION, RECORDED JUNE 08, 2021 AS INSTRUMENT NO. 20210903446 OF OFFICIAL RECORDS.

[B] INDICATES AN EASEMENT IN FAVOR OF THE SAN GABRIEL VALLEY COUNCIL OF GOVERNMENTS FOR SLOPE AND INCIDENTAL PURPOSES BY FINAL ORDER OF CONDEMNATION, RECORDED JUNE 08, 2021 AS INSTRUMENT NO. 20210903446 OF OFFICIAL RECORDS.

[C] INDICATES AN EASEMENT IN FAVOR OF THE SAN GABRIEL VALLEY COUNCIL OF GOVERNMENTS FOR PUBLIC UTILITY AND INCIDENTAL PURPOSES BY FINAL ORDER OF CONDEMNATION, RECORDED JUNE 08, 2021 AS INSTRUMENT NO. 20210903446 OF OFFICIAL RECORDS.

[D] INDICATES AN EASEMENT IN FAVOR OF THE SAN GABRIEL VALLEY COUNCIL OF GOVERNMENTS FOR TEMPORARY CONSTRUCTION AND INCIDENTAL PURPOSES BY FINAL ORDER OF CONDEMNATION, RECORDED JUNE 08, 2021 AS INSTRUMENT NO. 20210903446 OF OFFICIAL RECORDS.

LINE TABLE		
LINE	BEARING	LENGTH
L4	N66°07'43"W	14.75'
L5	N38°12'03"W	31.22'
L8	N89°14'43"E	84.77'
L11	N35°55'52"W	37.50'
L12	N00°45'32"W	5.00'
L13	N35°55'52"W	11.31'

CURVE TABLE			
CURVE	DELTA	RADIUS	LENGTH
C9	0°38'06"	2964.89'	32.86'
C10	10°09'14"	205.00'	36.33'
C11	0°09'43"	3129.93'	8.85'
C12	0°15'42"	3129.93'	14.29'
C13	0°16'01"	2964.89'	13.81'
C14	9°18'26"	195.00'	31.68'
C15	0°12'05"	2964.89'	10.43'

SCALE: 1" = 60'

TRACT NO. 83619

IN THE CITY OF PICO RIVERA, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA

DANE P. MCDOUGALL
L.S. 9297

C&V CONSULTING, INC.

DATE OF SURVEY:
JULY 2021

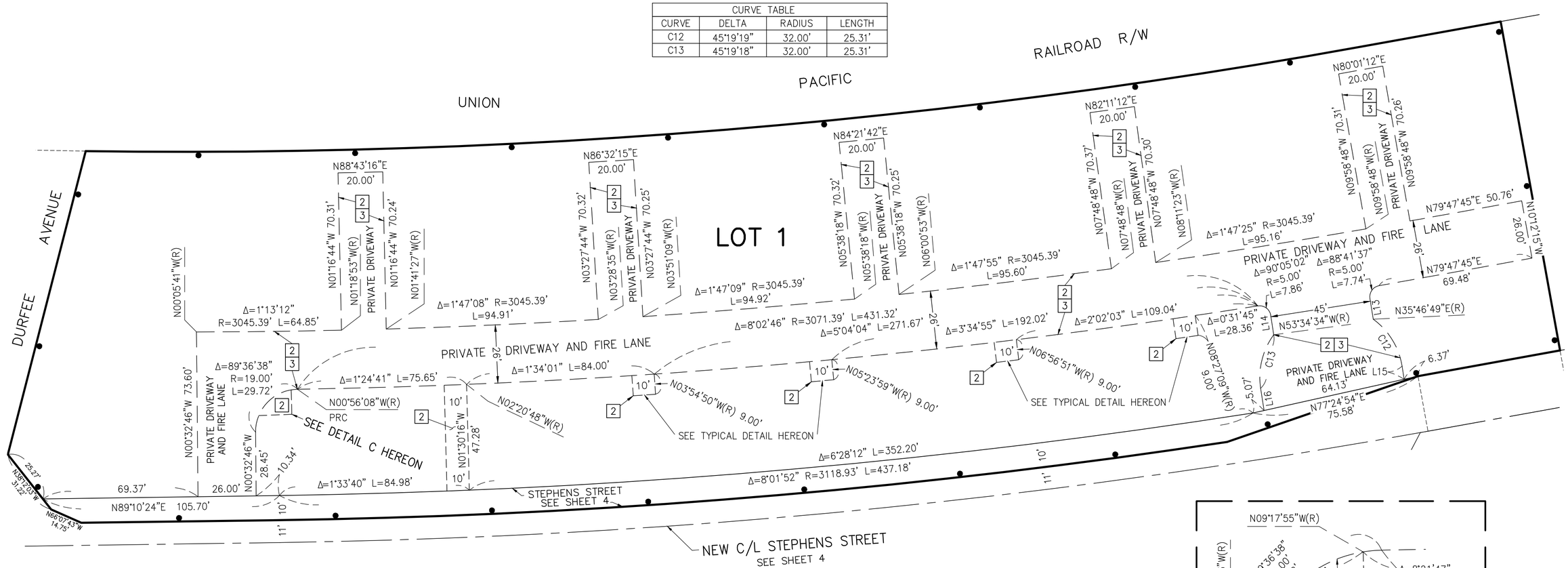
FOR CONDOMINIUM PURPOSES

LEGEND

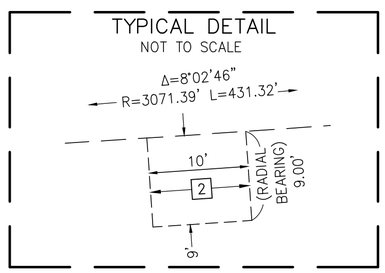
INDICATES THE BOUNDARY OF THE LAND BEING SUBDIVIDED BY THIS MAP.

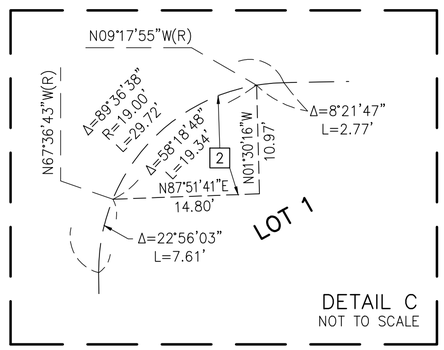
LINE TABLE		
LINE	BEARING	LENGTH
L13	N08°53'52"W	9.40'
L14	N08°53'52"W	8.85'
L15	N08°53'52"W	5.90'
L16	N08°53'52"W	10.02'

CURVE TABLE			
CURVE	DELTA	RADIUS	LENGTH
C12	45°19'19"	32.00'	25.31'
C13	45°19'18"	32.00'	25.31'



TYPICAL DETAIL
NOT TO SCALE





DETAIL C
NOT TO SCALE

EASEMENT NOTES

2 INDICATES AN EASEMENT FOR PUBLIC UTILITY PURPOSES DEDICATED TO THE CITY OF PICO RIVERA HEREON.

3 INDICATES AN EASEMENT FOR EMERGENCY VEHICULAR ACCESS PURPOSES DEDICATED TO THE CITY OF PICO RIVERA HEREON.

CITY COUNCIL | AGENDA REPORT

To: Mayor and City Council

From: City Manager

Meeting Date: April 23, 2024

Subject: APPROVE A RESOLUTION DECLARING DESIGNATED FLEET INVENTORY AND EQUIPMENT AS SURPLUS PERSONAL PROPERTY

Recommendation:

1. Approve a resolution declaring the vehicles and equipment included in Exhibit A to the resolution as surplus personal property and direct the City Manager, or his designee, to proceed with the disposal of such vehicles and equipment, and approving of the sale of any such vehicles or equipment over $5,000 to the highest bidder; and

2. Authorize the City Manager, or his designee, to execute any agreements necessary to facilitate the sale or disposal of vehicles and equipment listed on Exhibit A of the resolution.

Fiscal Impact:

There is no fiscal impact to the General Fund. The estimated amount to be received is approximately $35,000 to $50,000 for the vehicles and equipment. Funds from the auctioned vehicles will be credited to the Equipment Replacement Fund (GL Account No. 170.00.0000-47100 Sales of Property) for future vehicle and/or equipment replacement. Passenger Van Unit Nos. 3372 and 3373 were purchased using Prop A Funds (Fund 205); therefore, proceeds from those sales will be credited to Fund 205 under GL Account No. 205.00.0000.47100.

Discussion:

The Public Works Department is responsible for the maintenance of all City vehicles, including compliance with all local and state regulations. The City's fleet currently has 17 vehicles and equipment with various mechanical issues, ranging from transmission repairs, electrical failures, and fluid leakages to name a few. Many of these vehicles do not meet current fuel and emission industry standards. Although some of the fleet vehicles may be

somewhat operable, these vehicles remain parked at the Public Works City Yard due to the need for costly repairs. Performing maintenance and repairs to these aging vehicles are not cost-effective due to the repair costs surpassing the vehicle's value.

The Fleet Inventory List, Table 1 and Exhibit A of the attached proposed resolution (Enclosure 1), identifies City vehicles and equipment that have either reached the end of their life cycle or, due to the type of vehicle or equipment, have become cost prohibitive to repair and maintain. Fifteen (15) of the 17 vehicles exceed 100,00 miles and are over 10 years old. The one exception under 100,000 miles (2014 Toyota Prius) was in an accident and the vehicle was deemed as a salvage vehicle by the insurance adjuster.

Pursuant to the Pico Rivera Municipal Code (PRMC) Section 3.20.200, the City Council must declare any asset in excess of $5,000 as surplus prior to that asset being disposed. It also requires that the assets be sold through a sealed bid process to the highest bidder as described in the PRMC Section 3.20.120 through 3.20.190. However, a sealed bid process to sell each surplus vehicle would be inefficient and impractical in comparison to an open bid/auction process. The auction process would capture the intent of the applicable PRMC sections as it ensures that the City is obtaining the best possible price for the vehicles and may result in a higher resale value if the bidders are allowed to increase their initial bids. Therefore, in the interest of efficiency and maximizing resale value, it is recommended that the City Council allow the City Manager to proceed with the sale of the surplus vehicles at auction.

On March 26, 2024, the City Council approved Ordinance No. 1183, amending Chapter 3.20 Purchasing of the PRMC. In these amendments, Section 3.20.200 (Sale of surplus supplies and equipment) will be amended to allow the City to obtain the services of professional auctioneers to dispose of aged vehicles and inoperable equipment. The Municipal Code amendments will take effect on April 26, 2024.

It is recommended that these vehicles and equipment listed on Table 1 be sold at an auction to recover their residual value. Miscellaneous out-of-service equipment not included in the table will also be auctioned off with the vehicles. Upon City Council approval, the inventory of vehicles and equipment will be picked up by a third-party auction company. Funds from the auctioned vehicles will be credited to the Equipment Replacement Fund for future vehicle purchases and/or equipment replacement needs.

[This section intentionally left blank]

Table 1: Fleet Inventory List

	UNIT NO.	YEAR/MAKE/MODEL	DESCRIPTION	DIVISION	MILEAGE	COMMENTS
1	102	2014 Toyota Prius	Sedan	Parking Enforcement	54,000	Inoperable due to a traffic collision.
2	110	1999 Ford Ranger	Pickup Truck	Parks Division	100,003	Transmission replacement
3	125	2011 Ford Fusion	Sedan	Parking Enforcement	105,000	Transmission and engine replacement
4	126	2011 Ford Fusion	Sedan	Parking Enforcement	110,000	Engine and transmission replacement
5	127	2011 Ford Fusion	Sedan	Parking Enforcement	112,000	Engine and transmission replacement
6	204	1997 Ford Ranger	Pickup Truck	Parks Division	100,000	Smog certification non-compliant
7	211	2001 GMC 2500	Pickup Truck	Parks Division	134,000	Extensive repairs needed
8	216	2006 Ford F250	Pickup Truck	Street Division	115,000	Transmission and engine replacement
9	222	2000 Ford F250	Pickup Truck	Parks Division	110,000	Extensive body damage due to accident
10	246	2006 Chevy 3500	Stake-bed Truck	Street Division	100,000	Engine replacement
11	258	1999 Ford Ranger	Pickup Truck	Parks Division.	102,900	Smog certification non-compliant
12	265	1998 Ford Ranger	Pickup Truck	Parks Division	102,000	Engine and transmission replacement
13	269	1999 Ford Econoline	Van	Parks Division	134,000	Engine and Transmission replacement
14	291	2016 Ford F150	Truck	Water Division	120,403	Engine replacement.
15	386	2009 John Deere 310 SG	Construction Backhoe	Water Division	13,000 hours (measures in hours not miles)	Hydraulic pump and transmission replacement
16	3372	2010 Starcraft Allstar	Passenger Van	Parks & Recreation	225,543	Extensive repairs needed
17	3373	2010 Starcraft Allstar	Passenger Van	Parks & Recreation	225,613	Extensive repairs needed

Vehicles are not operable to obtain mileage

Conclusion:

In an effort to dispose and remove vehicles that have exceeded their life of use and are cost prohibitive to maintain, staff recommends approving the resolution declaring the vehicles and equipment included in Exhibit A to the resolution as surplus personal property and direct the City Manager, or his designee, to proceed with the disposal of such vehicles and equipment. Additionally, authorize the City Manager, or his designee, to execute all agreements required to facilitate the disposal and sale of these older vehicles or equipment over $5,000 to the highest bidder.

Steve Carmona

SC:NN:ML:np

Enclosure: 1) Resolution/Exhibit A

RESOLUTION NO. ____

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PICO RIVERA, CALIFORNIA, DECLARING DESIGNATED FLEET INVENTORY AND EQUIPMENT AS SURPLUS PERSONAL PROPERTY AND AUTHORIZING THE CITY MANAGER TO PROCEED WITH THE DISPOSAL OR SALE OF THE VEHICLES AND EQUIPMENT

WHEREAS, the City owns and maintains a fleet of vehicles and equipment for the purpose of providing field services and transportation; and

WHEREAS, the vehicles and equipment that will no longer be required for City operations and have exceeded their service life; and

WHEREAS, the City has determined that the vehicles and equipment identified in Exhibit "A" should be declared as surplus personal property as they have been removed from service; and

WHEREAS, Section 3.20.200 of the Pico Rivera Municipal Code requires that City Council approve the sale of any surplus supplies and equipment of more than $60,000 to the highest bidder.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Pico Rivera as follows:

SECTION 1. That the foregoing recitals are true and correct and incorporated herein by this reference.

SECTION 2. That the City Council of the City of Pico Rivera does hereby declare the vehicles and equipment listed under Exhibit "A" as "surplus" personal property pursuant to Section 3.20.200 of the Municipal Code and directs the City Manager, or his designee, to proceed with the disposal of the vehicles and equipment and approves of the cumulative sale of any such vehicles and equipment over Sixty Thousand Dollars ($60,000) to the highest bidder by public auction.

SECTION 3. That the City Manager, or his designee is hereby authorized to execute all necessary agreements required to facilitate the final disposal or sale of the vehicles and equipment listed on Exhibit A of this Resolution.

SECTION 4. The City Clerk shall certify the passage and approval of this resolution, and it shall thereupon be in full force and effect.

[This space was intentionally left blank]

APPROVED AND PASSED this 23rd day of April 2024.

_____
Andrew Lara, Mayor

ATTEST:

_____
Cynthia Ayala, City Clerk

APPROVED AS TO FORM:

_____
Arnold M. Alvarez-Glasman, City Attorney

AYES:
NOES:

EXHIBIT A

SURPLUS OF FLEET VEHICLES AND EQUIPMENT

UNIT #	YEAR/MAKE/MODEL	DESCRIPTION
211	2001 GMC 2500	Pickup Truck
246	2006 Chevy 3500	Stake-bed Truck
222	2000 Ford F250	Pickup Truck
216	Ford F250	Pickup Truck
204	1997 Ford Ranger	Pickup Truck
265	1998 Ford Ranger	Pickup Truck
110	1999 Ford Ranger	Pickup Truck
258	1999 Ford Ranger	Pickup Truck
126	2011 Ford Fusion	Sedan
127	2011 Ford Fusion	Sedan
125	2011 Ford Fusion	Sedan
102	2014 Toyota Prius	Sedan
269	1999 Ford Econoline	Van
291	2016 Ford F150	Truck
386	2009 John Deere 310 SG	Construction Backhoe
3372	Starcraft All Star	Passenger Van
3373	Starcraft All Star	Passenger Van

CITY COUNCIL **AGENDA REPORT**

To: Mayor and City Council

From: City Manager

Meeting Date: April 23, 2024

Subject: APPROVE AMENDMENT NO. 1 TO AGREEMENT NO. 21-2049, FOR ON-CALL INFORMATION TECHNOLOGY MANAGEMENT SERVICES

Recommendation:

1. Approve Amendment No. 1 to Agreement No. 21-2049 with Infinity Technologies for On-Call Information Technology Management Services, to increase compensation by an additional $100,000 per fiscal year for a total amount not-to-exceed $300,000, for augmentation of Information Technology services; and

2. Authorize the City Manager to execute the amendment in a form approved by the City Attorney.

Fiscal Impact:

The fiscal year (FY) 2023-24 General Fund Budget includes $200,000 for the provision of Information Technology (IT) management services. The additional $100,000 required to accommodate the amendment will be funded from the IT contracted services GL Account No. 100.20.6040-54500. No further appropriations are necessary at this time.

Background:

On November 9, 2021, the City Council approved a professional services agreement with Infinity Technologies for On-Call Management Services related to Information Technology in an amount not-to-exceed $200,000 per year. These services were necessary to meet the City's ongoing IT operational needs in the areas of network analysis, technical support, systems support, computer operations support, PC desktop technical support, software integration support, Help Desk support, project management for software implementation, and IT policy and procedure development. In addition, these services are necessary to ensure the continuity of the City's technical environment, the safeguards of the City's network, and upcoming plans for citywide operations. Infinity Technologies has provided the City with trained and dedicated IT staffing that has enabled us to accelerate projects and resolve system hardware and software issues on a timely basis.

Discussion:

Since the inception of Agreement No. 21-2049, Infinity Technologies has consistently provided exemplary IT management services to the City, ensuring the smooth operation of our technical environment. Their expertise and dedication have been instrumental in the successful execution of various IT projects and initiatives.

Given the growing demands on the City's IT infrastructure, and the need for expanded support services, it is imperative to adjust the financial parameters of the agreement with Infinity Technologies. Increasing the annual amount by $100,000 will enable the City to adequately compensate Infinity Technologies for its continued provision of high-quality IT services while accommodating the evolving needs of the City.

This adjustment is essential to meet the increasing complexity and volume of IT-related tasks and projects faced by our organization. The additional funding will empower Infinity Technologies to maintain and enhance the efficiency, reliability, and security of our IT systems, ensuring seamless operations and optimal service delivery to our community.

Conclusion:

Staff recommends that City Council approve Amendment No. 1 to Agreement No. 21-2049 with Infinity Technologies, increasing the annual amount of compensation for services by $100,000, and authorize the City Manager to execute the amendment. This amendment will provide the necessary resources to meet the growing demands on our IT infrastructure and support services, allowing us to sustain our commitment to efficiency, reliability, and innovation in our operations.

Steve Carmona

SC:AG:KL:ep

Enclosures: 1) Amendment No. 1
2) Agreement No. 21-2049

AMENDMENT NO. 1
TO THE PROFESSIONAL SERVICES AGREEMENT
WITH INFINITY TECHNOLOGIES, AGREEMENT NO. 21-2049

THIS AMENDMENT NO. 1 TO AGREEMENT NO. 21-2049 FOR PROFESSIONAL SERVICES WITH INFINITY TECHNOLOGIES ("Amendment No. 1"), effective as of the date specified in paragraph 3 hereof, is made and entered into by and between the CITY OF PICO RIVERA ("CITY"), and INFINITY TECHNOLOGIES, ("CONSULTANT").

RECITALS

A. CITY and CONSULTANT (collectively referred to as the "PARTIES") have previously executed that certain *Agreement for Professional Services, Agreement No. 21-2049* ("Agreement") relating to professional services in the City of Pico Rivera.

B. The PARTIES desire to amend said Agreement as set forth herein, pursuant to Section 5.1 of the Agreement.

NOW, THEREFORE, THE PARTIES AGREE AS FOLLOWS:

1. MODIFICATION OF CONSULTANT'S COMPENSATION.

The "Scope of Services" listed in Section 3.1 of the Agreement is hereby amended to read as follows:

"3.1 "Scope of Services": Such professional services as are set forth in the Consultant's proposal to City attached hereto as Exhibit "A" and incorporated by reference."

The "Total Compensation" listed in Section 5.1 of the Agreement is hereby amended to read as follows:

"5.1 Consultant shall perform the services identified in the Scope of Services. City shall have the right to request, in writing, changes in the Scope of Services. Any such changes mutually agreed upon by the Parties, and any increase or decrease in compensation shall be incorporated by written amendment to this Agreement. In no event shall the total compensation and costs payable to Consultant under this Agreement exceed the annual sum of **Three Hundred Thousand Dollars** ($300,000) unless specifically approved in advance, in writing, by City."

2. EFFECT OF AMENDMENTS.

Except as modified herein, either expressly or by necessary implication, the terms and provisions of the Agreement between the CITY and CONSULTANT shall remain in full force and effect.

3. EFFECTIVE DATE.

Unless otherwise specified herein, this Amendment No. 1 shall become effective as of the date set forth below on which the last of the parties, whether CITY or CONSULTANT, executes this Amendment No. 1.

IN WITNESS WHEREOF, the parties hereto have caused this Amendment No. 1 to be executed and attested by their respective officers hereunto duly authorized.

"CITY" CITY OF PICO RIVERA	"CONSULTANT" INFINITY TECHNOLOGIES
_____ Steve Carmona, City Manager	_____ Mohammad Ahmed, President/CEO
Dated: _____	Dated: _____
ATTEST:	**APPROVED AS TO FORM**
_____ Cynthia Ayala, City Clerk	_____ Arnold M. Alvarez-Glasman, City Attorney

April 17, 2024

Exhibit A

CITY OF PICO RIVERA

ON-CALL IT SERVICES
AMENDMENT NO. 1 TO AGREEMENT NO. 21-2049

BACKGROUND

Infinity Technologies would like to thank the City of Pico Rivera (City) for the opportunity to continue our partnership and providing On-Call Information Technology Management Services as needed to support the City's technology goals and objectives. A summary of the original terms of Agreement No. 21-2049 (Agreement) are noted below:

I. The Term of the Agreement commenced on November 1, 2021, and shall expire on October 31, 2024.
II. Compensation for services provided is based on a monthly fee of $14,990 or a total of $179,880 per year.
III. Exhibit A – Scope of Services remains unchanged.

SCOPE OF SERVICES

Our current Scope of Services includes the tasks noted below. Detailed information for each task is referenced within the current Agreement.

Task 1. General IT Management Services

1) Desktop Support
2) Computer Server Operations
3) Network and Systems Support
4) Help Desk Services

Task 2. IT Project Management Services

Task Orders for project support are issued as needed by the City throughout the term of the Agreement.

MONTHLY IT SERVICES – TIME & MATERIALS (T&M)

Infinity Technologies estimates an additional $100,000 is needed to resume delivery of the current Scope of Services as noted above through September 30, 2024. Cost will be billed on T&M basis, per the hourly rate schedule provided in the Agreement.

Task	Estimated Monthly Cost	Estimated Total (*March – September 2024)
On-Call Information Technology Management Services 1. General IT Management Services 2. IT Project Management Services	$16,000	$100,000
Total Amendment:		$100,000

**Note: Estimate includes partial cost for IT Services provided in March 2024.*

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AGREEMENT NO. 21-2049
PROFESSIONAL SERVICES AGREEMENT
BETWEEN THE CITY OF PICO RIVERA AND
INFINITY TECHNOLOGIES

1. IDENTIFICATION

THIS PROFESSIONAL SERVICES AGREEMENT ("Agreement") is entered into by and between the City of Pico Rivera, a California municipal corporation ("City") and Infinity Technologies, ("Consultant"). City and Consultant are sometimes hereinafter individually referred to as a "Party" and collectively referred to as "Parties."

2. RECITALS

2.1 City has determined that it requires professional services from a consultant to provide as-needed, on-call Information Technology Management services.

2.2 Consultant represents that it is fully qualified to perform such professional services by virtue of its experience and the training, education and expertise of its principals and employees. Consultant further represents that it is willing to accept responsibility for performing such services in accordance with the terms and conditions set forth in this Agreement.

NOW, THEREFORE, for and in consideration of the performance by the Parties of the mutual covenants and conditions herein contained, the Parties hereto agree as follows:

3. DEFINITIONS

3.1 "Scope of Services": Such professional services as are set forth in the Consultant's proposal to City attached hereto as Exhibit "A" and incorporated herein by this reference.

3.2 "Approved Fee Schedule": Such compensation rates as are set forth in the Consultant's proposal to City attached hereto as Exhibit "B."

3.3 "Commencement Date": November 1, 2021

3.4 "Expiration Date": October 31, 2024

4. TERM

The term of this Agreement shall commence at 12:00 a.m. on the Commencement Date and shall expire at 11:59 p.m. on the Expiration Date unless terminated in accordance with Section 22 below. This Agreement may be extended for an additional one-year (1-year) term at City's discretion upon a further written amendment approved by the City Council and executed by the Parties. Nothing in the Section shall operate to prohibit or otherwise restrict the City's ability to terminate this Agreement at any time for convenience or for cause.

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5. CONSULTANT'S SERVICES

5.1 Consultant shall perform the services identified in the Scope of Services. City shall have the right to request, in writing, changes in the Scope of Services. Any such changes mutually agreed upon by the Parties, and any corresponding increase or decrease in compensation, shall be incorporated by written amendment to this Agreement. In no event shall the total compensation and costs payable to Consultant under this Agreement exceed the annual sum of **Two Hundred Thousand Dollars** ($200,000) unless specifically approved in advance, in writing, by City.

5.2 Consultant shall perform all on-call work to the highest professional standards of Consultant's profession and in a manner reasonably satisfactory to City.

6. COMPENSATION

6.1 City agrees to compensate Consultant for the services provided under this Agreement, and Consultant agrees to accept in full satisfaction for such services, payment in accordance with the Approved Fee Schedule.

6.2 Consultant shall submit to City an invoice, on a monthly basis or less frequently where applicable, for the each on-call services performed pursuant to this Agreement. Each invoice shall itemize the services rendered during the billing period and the amount due. Within ten (10) business days of receipt of each invoice, City shall notify Consultant in writing of any disputed amounts included on the invoice. Within thirty (30) calendar days of receipt of each invoice, City shall pay all undisputed amounts included on the invoice. City shall not withhold applicable taxes or other authorized deductions from payments made to Consultant.

6.3 Payments for any services requested in writing by City and not included in the Scope of Services shall be made to Consultant by City on a time-and-materials basis using Consultant's standard fee schedule. Fees for such additional services shall be paid within sixty (60) days of the date Consultant issues an invoice to City for such services.

7. BUSINESS LICENSE

Consultant shall obtain a City business license prior to commencing performance under this Agreement.

8. COMPLIANCE WITH LAWS

Consultant shall keep informed of State, Federal and Local laws, ordinances, codes and regulations that in any manner affect those employed by it or in any way affect the performance of its services pursuant to this Agreement. The Consultant shall at all times comply with such laws, ordinances, codes and regulations. Without limiting

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the generality of the foregoing, if Consultant is an out-of-state corporation or LLC, it must be qualified and registered to do business in the State of California pursuant to sections 2105 and 17708.02 of the California Corporations Code. The City, its officers and employees shall not be liable at law or in equity occasioned by failure of Consultant to comply with this Section.

9. CONFLICT OF INTEREST

Consultant covenants that it presently has no interest and shall not acquire any interest, direct or indirect, which may be affected by the services to be performed by Consultant under this Agreement, or which would conflict in any manner with the performance of its services hereunder. During the term of this Agreement, Consultant shall not perform any work for another person or entity for whom Consultant was not working at the Commencement Date if both: (i) such work would require Consultant to abstain from a decision under this Agreement pursuant to a conflict of interest statute; and (ii) City has not consented in writing prior to Consultant's performance of such work.

10. PERSONNEL

Consultant represents that it has, or will secure at its own expense, all personnel required to perform the services identified in the Scope of Services. All such services shall be performed by Consultant or under its supervision, and all personnel engaged in the work shall be qualified to perform such services. Consultant reserves the right to determine the assignment of its own employees to the performance of Consultant's services under this Agreement, but City reserves the right, for good cause, to require Consultant to exclude any employee from performing services on City's premises. Angelina Garcia shall be Consultant's project administrator and shall have direct responsibility for management of Consultant's performance under this Agreement. No change shall be made in Consultant's project administrator without City's prior written consent.

11. OWNERSHIP OF WRITTEN PRODUCTS

All non-proprietary: reports, documents or other written material ("written products") developed by Consultant for City in the performance of this Agreement shall be and remain the property of City without restriction or limitation upon its use or dissemination by City. Consultant may take and retain copies of such written products as desired, but no such written products shall be the subject of a copyright application by Consultant. If any state, federal, or local law requires mandatory copyright protection for Consultant's work product, City shall comply with such laws to the extent feasible.

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12. INDEPENDENT CONSULTANT

12.1 Consultant is, and shall at all times remain as to City, a wholly independent consultant. Consultant shall have no power to incur any debt, obligation, or liability on behalf of City or otherwise to act on behalf of City as an agent. Neither City nor any of its officers, employees or agents shall have control over the conduct of Consultant or any of Consultant's employees, except as set forth in this Agreement. Consultant shall not at any time represent that it is, or that any of its agents or employees are, in any manner employees of City.

12.2 The Parties further acknowledge and agree that nothing in this Agreement shall create or be construed to create a partnership, joint venture, employment relationship, joint-employer relationship, or any other relationship between Consultant or Consultant's employees except as set forth in this Agreement.

12.3 City shall have no direct or indirect control over Consultant's employees or sub-consultants with respect to wages, hours, and working conditions. In addition, City shall not deduct from the Compensation paid to Consultant any sums required for Social Security, withholding taxes, FICA, state disability insurance or any other federal, state or local tax or charge which may or may not be in effect or hereinafter enacted or required as a charge or withholding on the compensation paid to Consultant, Consultant's employees or subconsultants. City shall have no responsibility to provide Consultant, its employees or subconsultants with workers' compensation insurance or any other insurance.

12.4 The Parties further acknowledges the following: (i) that Consultant shall provide the services outlined in the Scope of Services directly to City; (ii) Consultant maintains a business location at the address listed under Section 20 that is separate and distinct from the City; (iii) Consultant contracts with other businesses to provide the same or similar services and maintains a clientele without restriction from the City; (iv) Consultant advertises and holds itself out to the public as available to provide the same or similar services; (v) unless otherwise specified in this Agreement, Consultant provides its own tools, vehicles, and equipment necessary for performing the Scope of Services; (vi) Consultant has proposed and negotiated its own rates; and (vii) consistent with the nature and demands of the project and the City's business hours, Consultant may set its own hours and location of work.

13. CONFIDENTIALITY

All data, documents, discussion, or other information developed or received by Consultant or provided for performance of this Agreement are deemed confidential and shall not be disclosed by Consultant without prior written consent by City. City shall grant such consent if disclosure is legally required. Upon request, all City data and any copies thereof shall be returned to City upon the termination or expiration of this Agreement.

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14. NON-LIABILITY OF CITY OFFICIALS AND EMPLOYEES

No official or employee of the City shall be personally liable to Consultant in the event of any default or breach by City, or for any amount which may become due to Consultant.

15. INDEMNIFICATION

15.1 The Parties agree that City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers should, to the extent permitted by law, be fully protected from any loss, injury, damage, claim, lawsuit, cost, expense, attorneys' fees, litigation costs, or any other cost arising out of or in any way related to the performance of this Agreement. Accordingly, the provisions of this indemnity provision are intended by the Parties to be interpreted and construed to provide the fullest protection possible under the law to City. Consultant acknowledges that City would not enter into this Agreement in the absence of Consultant's commitment to indemnify and protect City as set forth herein. Notwithstanding the foregoing, to the extent Consultant's services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.2 To the full extent permitted by law, Consultant shall indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant or any of its officers, employees, servants, agents, or subconsultants in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees. Notwithstanding the foregoing, to the extent Consultant's Services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.3 City shall have the right to offset against the amount of any compensation due Consultant under this Agreement any amount due City from Consultant as a result of Consultant's failure to pay City promptly any indemnification arising under this Section 15 or related to Consultant's failure to either: (i) pay taxes on amounts received pursuant to this Agreement or (ii) comply with applicable workers' compensation laws.

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15.4 The obligations of Consultant under this Section 15 will not be limited by the provisions of any workers' compensation act or similar act. Consultant expressly waives its statutory immunity under such statutes or laws as to City, its officers, agents, employees and volunteers.

15.5 Consultant agrees to obtain executed indemnity agreements with provisions identical to those set forth here in this Section 15 from each and every subconsultant or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. In the event Consultant fails to obtain such indemnity obligations from others as required herein, Consultant agrees to be fully responsible and indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant's subconsultants or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees.

15.6 City does not, and shall not, waive any rights that it may possess against Consultant because of the acceptance by City, or the deposit with City, of any insurance policy or certificate required pursuant to this Agreement. This hold harmless and indemnification provision shall apply regardless of whether or not any insurance policies are determined to be applicable to the claim, demand, damage, liability, loss, cost or expense.

15.7 **PERS ELIGIBILITY INDEMNITY.** In the event that Consultant or any employee, agent, or subconsultant of Consultant providing services under this Agreement claims or is determined by a court of competent jurisdiction or the California Public Employees Retirement System (PERS) to be eligible for enrollment in PERS as an employee of the City, Consultant shall indemnify, defend, and hold harmless City for the payment of any employee and/or employer contributions for PERS benefits on behalf of Consultant or its employees, agents, or subconsultants, as well as for the payment of any penalties and interest on such contributions, which would otherwise be the responsibility of City.

Notwithstanding any other agency, state or federal policy, rule, regulation, law or ordinance to the contrary, Consultant and any of its employees, agents, and subconsultants providing service under this Agreement shall not qualify for or become entitled to, and hereby agree to waive any claims to, any compensation, benefit, or any incident of employment by City, including but not limited to eligibility to enroll in PERS

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as an employee of City and entitlement to any contribution to be paid by City for employer contribution and/or employee contributions for PERS benefits.

16. INSURANCE

16.1 During the term of this Agreement, Consultant shall carry, maintain, and keep in full force and effect insurance against claims for death or injuries to persons or damages to property that may arise from or in connection with Consultant's performance of this Agreement. Where applicable, such insurance shall be of the types and in the amounts as set forth below:

16.1.1 Comprehensive general liability, and Umbrella or Excess Liability Insurance covering all operations by or on behalf of Consultant providing insurance for bodily injury liability and property damage liability for the following and including coverage for:

16.1.1.1 Premises, operations, and mobile equipment

16.1.1.2 Products and completed operations

16.1.1.3 Broad form property damage (including completed operations)

16.1.1.4 Explosion, collapse, and underground hazards

16.1.1.5 Personal Injury

16.1.1.6 Contractual liability

in the amount of One Million Dollars ($1,000,000) per occurrence combined single limit; Two Million Dollars ($2,000,000) aggregate for products/completed operation; Two Million Dollars ($2,000,000) general aggregate (General aggregate must apply separately to Consultant's work under this Agreement.); and Five Million Dollars ($5,000,000) umbrella or excess liability.

16.1.2 Automobile Liability Insurance for owned, hired and non-owned vehicles utilized by Consultant, its employees or subconsultants, in the amount of One Million Dollars ($1,000,000) per accident for bodily injury and property damage.

16.1.3 Worker's Compensation Insurance as required by the laws of the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than One Million Dollars ($1,000,000) per accident for bodily injury or disease.

16.1.4 Professional Liability Insurance against errors and omissions in the performance of the work under this Agreement with coverage

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limits of not less than Two Million Dollars ($2,000,000) per occurrence of claim/ Four Million Dollars ($4,000,000) in the aggregate.

16.2 Consultant shall require each of its subconsultants, if any, to maintain insurance coverage that meets all of the requirements of this Agreement.

16.3 The policy or policies required by this Agreement shall be issued by an insurer admitted in the State of California and with a rating of at least A:VII in the latest edition of Best's Insurance Guide.

16.4 Consultant agrees that if it does not keep the aforesaid insurance in full force and effect City may either: (i) immediately terminate this Agreement; or (ii) take out the necessary insurance and pay, at Consultant's expense, the premium thereon.

16.5 At all times during the term of this Agreement, Consultant shall maintain on file with City's Risk Manager a certificate or certificates of insurance showing that the aforesaid policies are in effect in the required amounts and, for the general liability and automobile liability policies, naming the City as an additional insured. Consultant shall, prior to commencement of work under this Agreement, file with City's Risk Manager such certificate(s).

16.6 Consultant shall provide proof that policies of insurance required herein expiring during the term of this Agreement have been renewed or replaced with other policies providing at least the same coverage. Consultant shall provide such proof to City at least two weeks prior to the expiration of the coverages.

16.7 The general liability and automobile policies of insurance required by this Agreement shall contain an endorsement naming City, its officers, employees, agents and volunteers as additional insureds. All of the policies required under this Agreement shall contain an endorsement providing that the policies cannot be canceled or reduced except on thirty days' prior written notice to City. Consultant agrees to require its insurer to modify the certificates of insurance to delete any exculpatory wording stating that failure of the insurer to mail written notice of cancellation imposes no obligation, and to delete the word "endeavor" with regard to any notice provisions.

16.8 The general liability and automobile policies of insurance provided by Consultant shall be primary to any coverage available to City. Any insurance or self-insurance maintained by City, its officers, employees, agents or volunteers, shall be in excess of Consultant's insurance and shall not contribute with it.

16.9 All insurance coverage provided pursuant to this Agreement shall not prohibit Consultant, and Consultant's employees, agents or subconsultants, from waiving the right of subrogation prior to a loss. Consultant hereby waives all rights of subrogation against the City.

16.10 Any deductibles or self-insured retentions must be declared to and

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approved by the City. At the option of City, Consultant shall either reduce or eliminate the deductibles or self-insured retentions with respect to City, or Consultant shall procure a bond guaranteeing payment of losses and expenses.

16.11 Procurement of insurance by Consultant shall not be construed as a limitation of Consultant's liability or as full performance of Consultant's duties to indemnify, hold harmless and defend under Section 15 of this Agreement.

16.12 If Consultant maintains broader coverage and/or higher limits than the minimums shown above, the City requires and shall be entitled to the broader coverage and/or the higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

17. MUTUAL COOPERATION

17.1 City shall provide Consultant with all pertinent data, documents and other requested information as is reasonably available to City for the proper performance of Consultant's services under this Agreement.

17.2 In the event any claim or action is brought against City relating to Consultant's performance in connection with this Agreement, Consultant shall render any reasonable assistance that City may require.

18. RECORDS AND INSPECTIONS

Consultant shall maintain full and accurate records with respect to all matters covered under this Agreement for a period of three years after the expiration or termination of this Agreement. City shall have the right to access and examine such records, without charge, during normal business hours. City shall further have the right to audit such records, to make transcripts therefrom and to inspect all program data, documents, proceedings, and activities.

19. PERMITS AND APPROVALS

Consultant shall obtain, at its sole cost and expense, all permits and regulatory approvals necessary in the performance of this Agreement. This includes, but shall not be limited to, encroachment permits and building and safety permits and inspections.

20. NOTICES

Any notices, bills, invoices, or reports required by this Agreement shall be deemed received on: (i) the day of delivery if delivered by hand, facsimile, email, or overnight courier service during Consultant's and City's regular business hours; or (ii) on the third business day following deposit in the United States mail if delivered by mail,

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postage prepaid, to the addresses listed below (or to such other addresses as the Parties may, from time to time, designate in writing).

If to City:

Steve Carmona, City Manager
City of Pico Rivera
PO Box 1016
6615 Passons Blvd.
Pico Rivera, California 90660-1016
Facsimile: (562) 801-4765

If to Consultant:

Mohammad Ahmed,
President/CEO
Infinity Technologies
PO Box 582404
Elk Grove, CA 95758-0041
(916) 479-5560

With a courtesy copy to:

Arnold M. Alvarez-Glasman, City Attorney
13181 Crossroads Parkway North
Suite 400 - West Tower
City of Industry, CA 91746
Facsimile: (562) 692-2244

21. SURVIVING COVENANTS

The Parties agree that the covenants contained in Sections 13, 15 and Paragraph 17.2 of Section 17, of this Agreement shall survive the expiration or termination of this Agreement.

22. TERMINATION

22.1. City shall have the right to terminate this Agreement for any reason on five (5) calendar days' written notice to Consultant. Consultant shall have the right to terminate this Agreement for any reason on sixty (60) calendar days' written notice to City. The effective date of termination shall be upon the date specified in the notice of termination. Consultant agrees that in the event of such termination, City's obligation to pay Consultant shall be limited to payment only for those services satisfactorily rendered, as solely determined by the City, prior to the effective date of termination. Consultant agrees to cease all work under this Agreement on or before the effective date of any notice of termination. All City data, documents, objects, materials or other tangible things shall be returned to City upon the termination or expiration of this Agreement.

22.2 If City terminates this Agreement due to no fault or failure of performance by Consultant, then Consultant shall be paid based on the work satisfactorily performed, as solely determined by the City, at the time of termination. In no event

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shall Consultant be entitled to receive more than the amount that would be paid to Consultant for the full performance of the services required by this Agreement.

23. ASSIGNMENT

Consultant shall not delegate, transfer, subcontract or assign its duties or rights hereunder, either in whole or in part, without City's prior written consent, and any attempt to do so shall be void and of no effect. City shall not be obligated or liable under this Agreement to any Party other than Consultant.

24. NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY

24.1 In the performance of this Agreement, Consultant shall not discriminate against any employee, subconsultant, or employment applicant because of race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation. Consultant will take affirmative action to ensure that subconsultants, employees, and employment applicants are treated without regard to their race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.2 Consultant will, in all solicitations or advertisements for employees placed by or on behalf of Consultant state either that it is an equal opportunity employer or that all qualified applicants will receive consideration for employment without regard to race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.3 Consultant will cause the foregoing provisions to be inserted in all subcontracts for any work covered by this Agreement except contracts or subcontracts for standard commercial supplies or raw materials.

25. WARRANTIES

25.1 Each Party has received independent legal advice from its attorneys with respect to the advisability of entering into and executing this Agreement, or been provided with an opportunity to receive independent legal advice and has freely and voluntarily waived and relinquished the right to do so. Each Party who has not obtained independent counsel acknowledges that the failure to have independent legal counsel will not excuse such Party's failure to perform under this Agreement.

25.2 In executing this Agreement, each Party has carefully read this Agreement, knows the contents thereof, and has relied solely on the statements expressly set forth herein and has placed no reliance whatsoever on any statement, representation, or promise of any other party, or any other person or entity, not expressly set forth herein, nor upon the failure of any other party or any other person

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or entity to make any statement, representation or disclosure of any matter whatsoever.

25.3 It is agreed that each Party has the full right and authority to enter into this Agreement, and that the person executing this Agreement on behalf of either Party has the full right and authority to fully commit and bind such Party to the provisions of this Agreement.

26. CAPTIONS

26.1 The captions appearing at the commencement of the sections hereof, and in any paragraph thereof, are descriptive only and for convenience in reference to this Agreement. Should there be any conflict between such heading, and the section or paragraph thereof at the head of which it appears, the section or paragraph thereof, as the case may be, and not such heading, shall control and govern in the construction of this Agreement.

26.2 Masculine or feminine pronouns shall be substituted for the neuter form and vice versa, and the plural shall be substituted for the singular form and vice versa, in any place or places herein in which the context requires such substitution(s).

27. NON-WAIVER

27.1 The waiver by City or Consultant of any breach of any term, covenant or condition herein contained shall not be deemed to be a waiver of such term, covenant or condition or of any subsequent breach of the same or any other term, covenant or condition herein contained. In no event shall the making by City of any payment to Consultant constitute or be construed as a waiver by City of any breach of covenant, or any default which may then exist on the part of Consultant, and the making of any such payment by City shall in no way impair or prejudice any right or remedy available to City with regard to such breach or default. No term, covenant or condition of this Agreement shall be deemed to have been waived by City or Consultant unless in writing.

27.2 Each right, power and remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise shall be cumulative and shall be in addition to every other right, power, or remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise. The exercise, the commencement of the exercise, or the forbearance of the exercise by any Party of any one or more of such rights, powers or remedies shall not preclude the simultaneous or later exercise by such Party of any of all of such other rights, powers or remedies.

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27.3 Consultant shall not be liable for any failure to perform if Consultant presents acceptable evidence, in City's sole judgment, that such failure was due to causes beyond the control and without the fault or negligence of Consultant.

28. COURT COSTS AND ATTORNEY FEES

In the event legal action shall be necessary to enforce any term, covenant or condition herein contained, the Party prevailing in such action, whether reduced to judgment or not, shall be entitled to its reasonable court costs, including accountants' fees and expert witness fees, if any, and attorneys' fees expended in such action. The venue for any litigation shall be Los Angeles County, California.

29. SEVERABILITY

If any term or provision of this Agreement or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable, then such term or provision shall be amended to, and solely to, the extent necessary to cure such invalidity or unenforceability, and in its amended form shall be enforceable. In such event, the remainder of this Agreement, or the application of such term or provision to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby, and each term and provision of this Agreement shall be valid and be enforced to the fullest extent permitted by law.

30. GOVERNING LAW

This Agreement shall be governed and construed in accordance with the laws of the State of California.

31. COUNTERPARTS

This Agreement may be signed in any one or more counterparts all of which taken together shall be but one and the same Agreement. Any signed copy of this Agreement or of any other document or agreement referred to herein, or copy or counterpart thereof, delivered by facsimile or email transmission, shall for all purposes be treated as if it were delivered containing an original manual signature of the Party whose signature appears in the facsimile or email and shall be binding upon such Party in the same manner as though an originally signed copy had been delivered.

32. ENTIRE AGREEMENT

All documents referenced as exhibits in this Agreement are hereby incorporated in this Agreement. In the event of any material discrepancy between the express provisions of this Agreement and the provisions of any document incorporated herein by reference, the provisions of this Agreement shall prevail. This instrument contains the entire Agreement between City and Consultant with respect to the transactions

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contemplated herein. No other prior oral or written agreements are binding upon the Parties. Amendments hereto or deviations herefrom shall be effective and binding only if made in writing and executed by City and Consultant.

TO EFFECTUATE THIS AGREEMENT, the Parties have caused their duly authorized representatives to execute this Agreement on the dates set forth below.

"CITY" CITY OF PICO RIVERA	"CONSULTANT" INFINITY TECHNOLOGIES
Steve Carmona, City Manager	DocuSigned by: Mohammad Ahmed 8E74E3E3CF3F4C1... Mohammad Ahmed, President/CEO
Dated: 11-12-21	Dated: 11/8/2021
ATTEST:	**APPROVED AS TO FORM:**
Anna M. Jerome, City Clerk	Arnold M. Alvarez-Glasman, City Attorney

INFINITY TECHNOLOGIES

Chapter 3

WORK PLAN

We have read and understood the City's requirements as detailed in the RFP and are prepared to provide all services and support and perform the maintenance requested by the City.

PROPOSED MANAGED IT SERVICES

Below, we summarize our understanding of the City's needs based on the City's current technical environment and present our approach.

General IT Management Services

Infinity Technologies provides management services to prioritize our team's work effort, ensure project completion, and assist in short- and long-term planning. Our IT Manager provides guidance and oversees to ensure that projects are kept on track and service levels met. Our team provides frequent, transparent communication on all IT-related issues and is available to attend service delivery and planning meetings as requested.

Our staff provides engineering, planning, and design services for system enhancements, including installations and upgrades of new or existing systems. Our team assists designated client personnel with software and hardware purchases. We maintain warranty information with the hardware

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inventory and assist our clients in budgeting out the replacement of hardware as needed over multiple fiscal years. Our team coordinates with third-party software vendors to ensure OS patches/updates, database updates, and integrated applications are compatible prior to scheduling an upgrade.

Our IT Manager provides technical leadership for server technology issues and makes recommendations for future purchasing and technology needs. The IT Manager is responsible for providing weekly updates and conducting annual audits of our clients' systems.

Desktop Support

We understand and acknowledge the City's minimum performance expectations for desktop support services, as detailed in the RFP Scope of Work, and will meet or exceed the City's expectations. Our IT Desktop Support Technicians will provide on-site support in response to City user requests/calls, and will work on special projects and task assignments, as requested by City management. We will coordinate with the City's Information Systems Division (ISD) staff to triage and assign tasks. Infinity Technologies' staff will be available for on-site support during the City's regular hours (7:30 am to 5:30 pm, Monday through Friday), with extended support available via our automated Help Desk, staffed by our support technicians 24 x 7 x 365.

Infinity Technologies' desktop support services include, but are not limited to, installing personal computers, laptops, smart phones, printers, copiers and peripherals. Our team diagnoses and corrects desktop application problems, configures laptops and desktops for standard applications, and identifies and corrects end-user hardware problems including advanced troubleshooting. We maintain, and keep continually up-to-date, an inventory of all client computer-related hardware. Our team creates and maintains system images for deployment. Infinity Technologies assists client staff with third-party desktop and server issues. Our staff will document all actions taken on each call into the tracking system by the end of the day on which the activity was performed. All IT support staff will provide their own transportation between City sites while providing support.

Computer Server Operations

We understand and acknowledge the City's minimum performance expectations for computer server operations services, as detailed in the RFP Scope of Work. Our goal is to keep the City's servers fully operational, with minimal service interruptions during business hours, so that City users can work without technical interruptions. We will perform all scheduled batch runs and processes identified in the RFP to ensure that the City's network servers are both stable and optimized.

Infinity Technologies' computer operations services include, but are not limited to, responsibility for the day-to-day management of our clients' server hardware and software. Our team manages computer systems and networks including application, database, messaging, file and print and other servers and associated hardware, software, communications and operating systems necessary for the quality, security, performance, availability, and recoverability and reliability of the system. Our team designs, installs and manages all server systems including monitoring and making adjustments to make systems more efficient. Our team manages after-hours support calls and responds per the response time commitment of the SLA. Infinity Technologies ensures scheduled preventative maintenance for equipment is properly and promptly performed. Our team maintains the

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maintenance records on the equipment. Our team audits existing hardware and software, tracks warranties and provides an equipment replacement plan for hardware/software at the end of their support life cycle. Infinity Technologies develops operations, administrative and quality assurance back-up plans and procedural documentation. Our team sets up new users and edits or removes existing users on the server as needed. We monitor server performance and capacity management services. Our team deploys updates, security patches, identity report systems, and business application issues. Our team performs job scheduling and execution on appropriate systems, reporting, and resolution activities. We work with third-party vendors to update and troubleshoot server system issues and coordinate repairs in a timely fashion. Our team manages user logins and security, and we notify designated client staff in the event of a failure. The Infinity Technologies team is available for on-call support 24 x 7 x 365.

Network and Systems Support

We understand and acknowledge the City's minimum performance expectations for network and systems support services, as detailed in the RFP Scope of Work. Our staff will provide network and systems support during the City's regular working hours, and will be available after-hours to provide problem resolution, update installations, and testing conducted outside of normal hours.

Infinity Technologies' network and systems support services include, but are not limited to, the provision of network administration services, including day-to-day operations of our clients' network equipment. Our team provides installation and maintenance services for all network equipment including switches, routers, firewalls, access points, and cabling infrastructure. Our staff configures and maintains WAN and LAN networks. Our team provides regular analysis, performs routing configuration changes and installs all necessary patches and upgrades. We monitor network devices and traffic. Our team sets up alert notifications for failure or potential failure of critical equipment. Alert notifications are also sent to your staff in the event of a failure. Our team manages and stores network configuration information. Infinity Technologies provides documentation on our clients' network configuration including policies, procedures and disaster recovery plans.

We maintain virus detection programs on our clients' servers, email, and all other computers and laptops including antivirus/antispyware software. Our team maintains remote access in a secure environment and provides remote access administration as requested. Infinity Technologies designs, tests, and implements plans to secure network attached devices. Our team designs, tests, and implements approved firewall policies. We design and implement approved policies for security vulnerability and penetration testing. Our team implements approved policies for security vulnerability and penetration testing. Our team designs, tests and implements updates or patches approved for security assets, provides reporting on security testing results, identifies and removes from the network any malicious code and/or devices, and identifies and provides countermeasures for malicious code attacks. We provide technical expertise for security audits, provides fraud prevention, detection and reporting. Our staff documents security procedure requirements, standards, procedures, and policies including regulatory requirements. Infinity Technologies establishes and implements security profiles, recommends security analysis and monitoring products, reports security violations to clients, assists in investigating and resolving Security violations as requested, resolves security violations that originate outside of the hosted network, reviews relevant security patches and

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applies appropriately. Our team maintains secure and reliable internet access, provides content filtering and reporting, implements file backups and creates a disaster recovery plan.

Help Desk Services

We understand and acknowledge the City's minimum performance expectations for Help Desk services, as detailed in the RFP Scope of Work. We will meet or exceed the City's expectations in providing reliable Help Desk services to City staff.

Infinity Technologies' Help Desk services include, but are not limited to, a round-the-clock commitment to ensuring that competent IT Support Technicians are available to field all calls, emails and requests for service **24 x 7 x 365**. Our cloud-based online support portal allows City users to submit support tickets from their PC desktops, laptops, or smartphones. City users can also call our direct telephone number to speak to an IT staff member.

We provide weekly status email updates that list any open tickets and the progress on longer term projects. Our team attends monthly meetings and provides management level status reports to review work performed, network availability, Help Desk ticket summary, security issues and concerns, and discuss planned projects.

City IT staff and management will have cloud-based access to Pulseway remote management and monitoring (RMM) software, allowing City IT staff and management to monitor network status and track open tickets in real-time.

APPROACH TO SELECTED SERVICES

The RFP requests specific responses for the following services and issues:

Cyber Security

Due to the prevalence of ransomware, phishing attacks and other cyber threats, cyber security should be a top priority for any publicly accessible network. As noted previously, the City should commission a third-party security assessment to determine the current level of the network's cyber security. We will work directly with the City to consider options and facilitate the performance of such an assessment. At a minimum, a cyber security assessment should address the following issues:

- Antivirus Software / Scan Schedule
- Email Spam / Phishing Filters
- Firewall / Intrusion Detection
- Ransomware Policy
- Internet Traffic Filtering
- Password Security / Policies

Antivirus and Malware

The increased prevalence and sophistication of phishing and malware attacks highlights the need for strong organizational policies and tools to boost threat protection. We will review and ensure that the City's current antivirus solution is the most advantageous option for the City. Whether the City continues to use the existing software or chooses to implement a new antivirus solution, our staff will

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deploy, maintain, and continuously monitor the antivirus application to ensure that the City's users and network are protected.

City users should contact our Infinity Technologies immediately in the event of a recognized malware attack. IT staff will take action to stabilize the situation and mitigate any damage. We will also inform City management, document the situation and alert other City users as warranted.

Ransomware

Ransomware is a serious threat to both the City's data integrity and ability to provide needed IT services to its staff and citizens. As part of our standard services, we will install ransomware defense software that works in tandem with the City's antivirus software to identify and block attempts to execute ransomware attacks.

As part of our initial network assessment, we will work with the City to develop a ransomware recovery policy, designed to be presented for the City Council's consideration. The ransomware recovery policy will list actions that need to be taken in the event of a ransomware attack and will review the compliance of insurance limits to ensure that the City is indemnified and covered for such an event.

Remote Help Desk

Infinity Technologies offers 24 x 7 x 365 support and we encourage users to submit Help Desk tickets via our online portal. Our online portal is cloud-based and mobile-friendly. Users can submit tickets via smartphone if need be. This tool is helpful for users as they can track their requests and also understand what work was completed to resolve the issue. This is included with our services at no additional charge.

On-Site and Remote Support

Our IT Systems Analyst will provide on-site services three (3) days per week (24 hours per week), with additional remote support available during normal business hours via the IT Help Desk. Our IT Network Engineer will provide 10 hours per week of mixed on-site and remote support, with our Project Manager providing approximately 3 hours per week of mixed on-site and remote support. Unlimited remote IT Help Desk support and emergency support will be available 24 x 7 x 365.

We will remain flexible about scheduling and communicate with City management to accommodate the City's preferred schedule throughout the course of the contract.

Trouble Tickets

Infinity Technologies has a robust trouble ticket tracking system. As a general practice, we will acknowledge trouble tickets within 30 minutes during normal business hours. We will provide the City of Pico Rivera with frequent, transparent communication about trouble tickets, and will also provide regular audits with detailed, professional reports on the status and outcome of the City's trouble tickets. We will also provide City management with online access to our trouble ticket system, so the City can review and assess the status of trouble tickets.

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Backup

The City currently uses a Veeam backup system, utilizing both local and cloud storage for yearly, monthly, weekly, and daily data backups. During our initial assessment, we will review the backup system and recommend action items following our initial assessment. We will maintain and service the City's chosen backup services to ensure retention and access to the City's sensitive data.

Site Infrastructure Support

Infinity Technologies has experience in a full range of network infrastructure to ensure the City remains connected, with superior performance. Our staff have experience with managing and maintaining Cisco switches, ATP Cat.5E patch panels, routers, wireless infrastructure/access points, site to-site VPN access, multicasting and multiple VLANs, multiple subnets, routers with IPS, Cisco servers, Cisco E911 and many other network infrastructure devices deployed by local governments.

Software Implementation Project Management

Infinity Technologies' staff have considerable experience providing project management for software implementation/upgrades for our municipal clients, including finance, permitting, and other enterprise software applications. We are prepared to handle all aspects of software implementation, including research, procurement, license tracking, installation, user training, and maintenance.

TIMETABLE FOR TRANSITION

As our proposed staff are currently providing on-call IT management services to the City of Pico Rivera, there is no specific "transition" timetable should the City award this contract to Infinity Technologies. However, as detailed in our proposal, we plan to implement specific processes and innovations new to the City of Pico Rivera during the term of this contract.

Specifically, ***within the first 30 days of the new contract term***, Infinity Technologies will implement and launch the City's IT Help Desk, which will serve as a one-stop shop for all IT-related questions and service requests for City users. City IT staff and management will be provided access to our Pulseway remote management and monitoring system, which allows for direct access to IT system information and also provides automated system alerts in the event of any IT network or hardware issues. We will also start the process of documenting all IT-related processes and procedures using the IT Glue system. This ensures that all IT-related services are centrally documented and accessible to City IT staff and management.

INFINITY TECHNOLOGIES

Chapter 6

PROPOSAL COSTS SHEET AND RATES

PRIMARY IT SERVICES

We propose to provide on-call IT Help Desk/Network Management Services and IT Oversight to the City of Pico Rivera, based on the items in the RFP's Scope of Work and as detailed in this proposal, for a not-to-exceed monthly fee of **$14,990**. This price includes three (3) days / 24 hours per week of on-site presence from an IT Systems Analyst, as well as 10 hours of mixed on-site/off-site monitoring and maintenance from an IT Network Engineer and project management and oversight from the IT Project Manager. Our monthly fee includes a discount of $350 a month from our standard hourly rates.

We understand that the City may desire more (or less) on-site staff assistance, depending on demand related to specific projects or other occurrences. Infinity Technologies is prepared to negotiate directly with the City to accommodate your preferences and shape our on-site staffing to fit your needs. At the direction of City management, we will be prepared to adjust our not-to-exceed monthly fee to align with the on-site staff hours requested, and will do this as needed throughout the contract term.

Upon notice of selection, we will coordinate with City project management to arrange a schedule that accommodates the City's needs, while remaining flexible to the City's preferences throughout the term of the contract.

IT PROJECT MANAGEMENT SERVICES

We understand that the City anticipates issuing Task Orders for IT Project Management Services, with fees based on actual services provided by project staff at the hourly rates provided below. At the City's discretion, such Task Orders may be issued for a not-to-exceed amount.

In these instances, Infinity Technologies' Project Manager will consult directly with City management to determine a budget and a timeline for the provision of services, and will charge for services provided based on the hourly rate schedule shown below.

HOURLY RATES

Hourly rates for our proposed IT staff are listed below.

Classification	Hourly Rate
IT Project Manager	$ 145.00
IT Network Engineer	135.00
IT Senior Analyst	130.00
IT Analyst	105.00
IT Technician	90.00
Help Desk Services	75.00

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As noted in our proposal, Infinity Technologies also has GIS staff whose skills are complimentary to many of the projects on which our IT staff provide services. Our GIS staff have provided services to the City of Pico Rivera for the past two years.

Classification	Hourly Rate
GIS Project Manager	$ 145.00
GIS Senior Analyst	135.00
GIS Analyst	115.00
GIS Technician	85.00

AFTER-HOURS SERVICES

Infinity Technologies will not charge additional costs for after-hours services provided, which are included in the primary scope of work.

CITY COUNCIL AGENDA REPORT

To: Mayor and City Council

From: City Manager

Meeting Date: April 23, 2024

Subject: PAVEMENT MANAGEMENT PROGRAM UPDATE (NON-CIP NO. 30057) – AWARD OF PROFESSIONAL SERVICES AGREEMENT

Recommendation:

1. Award a Professional Services Agreement to Infrastructure Management Services, LLC (IMS), to prepare and update the Pavement Management Program Update (Non-CIP No. 30057) for an amount not-to-exceed $67,459 and authorize the City Manager to execute an agreement in a form approved by the City Attorney; and

2. Authorize the City Manager or his designee to process change orders, as needed, in an amount not-to-exceed a $6,750 contingency (approximately 10% of the total contract amount) for unforeseen field conditions during data collection.

Fiscal Impact:

The fiscal year (FY) 2023-24 Adopted Budget includes adequate appropriations to cover the expenditures of $67,459 and the contingency of $6,750, as needed in Prop C Funds (Fund 206) under Account No. 206.70.7300-54500.Non-CIP30057 (Contracted Services). No additional appropriations are needed at this time.

Discussion:

One of the City's largest capital investments is its paved roadway system. The City owns and maintains approximately 152 centerline-miles of paved roadways which include arterials, collectors, residential streets and alleys. The Pavement Management Program provides a systematic approach to planning pavement maintenance and street rehabilitation projects, and projecting future funding needs. The last Pavement Management Program was updated in 2020, which thoroughly evaluated the condition of City streets and obtained certification by Caltrans. The Los Angeles County Metropolitan Transit Authority requires the Pavement Management Program to be updated every four (4) years and the next update needs to be completed by or before December 2024 as a

requirement for the City to obtain future Local Return Funds, such as Proposition A (Fund 205) and Proposition C (Fund 206) funds. Since the City utilizes the Pavement Management Program to maintain the integrity of the overall street network, the upkeep of the Pavement Management Program is essential to protecting this asset.

The Pavement Management Program update will be used in coordination with the Utilities Master Plan to strategize projects and efficiently utilize the City's funding. The comprehensive computerized Pavement Management Program will include:

- Automated collection of field data to perform a pavement condition survey of major arterials, local, residential, collector streets, and alleys.
- Pavement analysis to calculate the Pavement Condition Index (PCI) and develop life cycle curves.
- Identification of types, severity and extent of distress and failure.
- Identification of any areas that include poor construction of pavement installation such as utility trenches.
- Determination of a pavement maintenance and rehabilitation in coordination with the Utilities Master Plan.
- GIS data files and mapping depicting varying ranges of overall condition index of all roadway segments.

On January 31, 2024, a Request for Proposal (RFP) was released via the City's website portal using PlanetBids. On March 6, 2024, five (5) proposals were received. A technical panel consisting of three engineering staff members ranked the proposals. The technical panel used qualifications-based selection criteria to rank the consultants. The selection criteria weighed a number of factors such as experience and qualifications of the firm's designated staff, proposed work approach, pricing, and responsiveness to the RFP.

A summary of the rankings is provided below:

No.	Company Name	Total Score
1	Infrastructure Management Services (IMS)	90
2	Applied Research Associates (ARA)	84
3	Kimley Horn	83
4	Willdan Engineering	81
5	Fugro USA Land	78

IMS is knowledgeable and has satisfactorily performed similar services in the past for the cities of Pico Rivera, Irvine, and Long Beach. Staff came to a consensus that their proposal offers a fair and reasonable price for their professional services and has the

required technical resources to develop and update the City's Pavement Management Program.

Conclusion:

Staff recommend awarding a Professional Services Agreement with IMS for an amount not-to-exceed $67,459. This program update is anticipated to be completed by November 2024.

Steve Carmona

SC:NN:GE:np

Enclosure: 1) Professional Services Agreement

AGREEMENT NO. _____
PROFESSIONAL SERVICES AGREEMENT
BETWEEN THE CITY OF PICO RIVERA AND
IMS INFRASTRUCTURE MANAGEMENT SERVICES, LLC

1. IDENTIFICATION

THIS PROFESSIONAL SERVICES AGREEMENT ("Agreement") is entered into by and between the City of Pico Rivera, a California municipal corporation ("City") and International Cybernetics Company, LP, a Delaware Limited Partnership d.b.a. IMS Infrastructure Management Services ("Consultant"). City and Consultant are sometimes hereinafter individually referred to as a "Party" and collectively referred to as "Parties."

2. RECITALS

2.1 City has determined that it requires professional services from a consultant to provide development of the Pavement Management Program Update, CIP 30057.

2.2 Consultant represents that it is fully qualified to perform such professional services by virtue of its experience and the training, education and expertise of its principals and employees. Consultant further represents that it is willing to accept responsibility for performing such services in accordance with the terms and conditions set forth in this Agreement.

NOW, THEREFORE, for and in consideration of the performance by the Parties of the mutual covenants and conditions herein contained, the Parties hereto agree as follows:

3. DEFINITIONS

3.1 "Scope of Services": Such professional services as are set forth in the Consultant's March 6, 2024 proposal to City attached hereto as Exhibit "A" and incorporated herein by this reference.

3.2 "Approved Fee Schedule": Such compensation rates as are set forth in the Consultant's March 6, 2024 proposal to City attached hereto as Exhibit "B."

3.3 "Commencement Date": April 23, 2024

3.4 "Expiration Date": April 23, 2027

4. TERM

The term of this Agreement shall commence at 12:00 a.m. on the Commencement Date and shall expire at 11:59 p.m. on the Expiration Date unless extended by written agreement of the Parties or terminated in accordance with Section 22 below.

5. CONSULTANT'S SERVICES

5.1 Consultant shall perform the services identified in the Scope of Services. City shall have the right to request, in writing, changes in the Scope of Services. Any such changes mutually agreed upon by the Parties, and any corresponding increase or decrease in compensation, shall be incorporated by written amendment to this Agreement. In no event shall the total compensation and costs payable to Consultant under this Agreement exceed the sum of Sixty-Seven Thousand Four Hundred Fifty-Nine ($67,459) unless specifically approved in advance, in writing, by City.

5.2 Consultant shall perform all work to the highest professional standards of Consultant's profession and in a manner reasonably satisfactory to City.

6. COMPENSATION

6.1 City agrees to compensate Consultant for the services provided under this Agreement, and Consultant agrees to accept in full satisfaction for such services, payment in accordance with the Approved Fee Schedule.

6.2 Consultant shall submit to City an invoice, on a monthly basis or less frequently, for the services performed pursuant to this Agreement. Each invoice shall itemize the services rendered during the billing period and the amount due. Within ten (10) business days of receipt of each invoice, City shall notify Consultant in writing of any disputed amounts included on the invoice. Within thirty (30) calendar days of receipt of each invoice, City shall pay all undisputed amounts included on the invoice. City shall not withhold applicable taxes or other authorized deductions from payments made to Consultant.

6.3 Payments for any services requested in writing by City and not included in the Scope of Services shall be made to Consultant by City on a time-and-materials basis using Consultant's standard fee schedule. Fees for such additional services shall be paid within sixty (60) days of the date Consultant issues an invoice to City for such services.

7. BUSINESS LICENSE

Consultant shall obtain a City business license prior to commencing performance under this Agreement.

8. COMPLIANCE WITH LAWS

Consultant shall keep informed of State, Federal and Local laws, ordinances, codes and regulations that in any manner affect those employed by it or in any way affect the performance of its services pursuant to this Agreement. The Consultant shall at all times comply with such laws, ordinances, codes and regulations. Without limiting the

generality of the foregoing, if Consultant is an out-of-state corporation or LLC, it must be qualified and registered to do business in the State of California pursuant to sections 2105 and 17708.02 of the California Corporations Code. The City, its officers and employees shall not be liable at law or in equity occasioned by failure of Consultant to comply with this Section.

9. CONFLICT OF INTEREST

Consultant covenants that it presently has no interest and shall not acquire any interest, direct or indirect, which may be affected by the services to be performed by Consultant under this Agreement, or which would conflict in any manner with the performance of its services hereunder. During the term of this Agreement, Consultant shall not perform any work for another person or entity for whom Consultant was not working at the Commencement Date if both: (i) such work would require Consultant to abstain from a decision under this Agreement pursuant to a conflict-of-interest statute; and (ii) City has not consented in writing prior to Consultant's performance of such work.

10. PERSONNEL

Consultant represents that it has, or will secure at its own expense, all personnel required to perform the services identified in the Scope of Services. All such services shall be performed by Consultant or under its supervision, and all personnel engaged in the work shall be qualified to perform such services. Consultant reserves the right to determine the assignment of its own employees to the performance of Consultant's services under this Agreement, but City reserves the right, for good cause, to require Consultant to exclude any employee from performing services on City's premises. Jim Tourek, Western Regional Manager of Client Services shall be Consultant's project administrator and shall have direct responsibility for management of Consultant's performance under this Agreement. No change shall be made in Consultant's Project Administrator without City's prior written consent.

11. OWNERSHIP OF WRITTEN PRODUCTS

All reports, documents or other written material ("written products") developed by Consultant in the performance of this Agreement shall be and remain the property of City without restriction or limitation upon its use or dissemination by City. Consultant may take and retain copies of such written products as desired, but no such written products shall be the subject of a copyright application by Consultant. If any state, federal, or local law requires mandatory copyright protection for Consultant's work product, City shall comply with such laws to the extent feasible.

12. INDEPENDENT CONTRACTOR

12.1 Consultant is, and shall at all times remain as to City, a wholly independent contractor. Consultant shall have no power to incur any debt, obligation, or liability on behalf of City or otherwise to act on behalf of City as an agent. Neither City nor any of its officers, employees or agents shall have control over the conduct of Consultant or any of Consultant's employees, except as set forth in this Agreement. Consultant shall not at any time represent that it is, or that any of its agents or employees are, in any manner employees of City.

12.2 The Parties further acknowledge and agree that nothing in this Agreement shall create or be construed to create a partnership, joint venture, employment relationship, joint-employer relationship, or any other relationship between Consultant or Consultant's employees except as set forth in this Agreement.

12.3 City shall have no direct or indirect control over Consultant's employees or sub-consultants with respect to wages, hours, and working conditions. In addition, City shall not deduct from the Compensation paid to Consultant any sums required for Social Security, withholding taxes, FICA, state disability insurance or any other federal, state or local tax or charge which may or may not be in effect or hereinafter enacted or required as a charge or withholding on the compensation paid to Consultant, Consultant's employees or subconsultants. City shall have no responsibility to provide Consultant, its employees or subconsultants with workers' compensation insurance or any other insurance.

12.4 The Parties further acknowledges the following: (i) that Consultant shall provide the services outlined in the Scope of Services directly to City; (ii) Consultant maintains a business location at the address listed under Section 20 that is separate and distinct from the City; (iii) Consultant contracts with other businesses to provide the same or similar services and maintains a clientele without restriction from the City; (iv) Consultant advertises and holds itself out to the public as available to provide the same or similar services; (v) unless otherwise specified in this Agreement, Consultant provides its own tools, vehicles, and equipment necessary for performing the Scope of Services; (vi) Consultant has proposed and negotiated its own rates; and (vii) consistent with the nature and demands of the Scope of Services and the City's business hours and City staff availability, Consultant may set its own hours and location of work without restriction from the City.

13. CONFIDENTIALITY

All data, documents, discussion, or other information developed or received by Consultant or provided for performance of this Agreement are deemed confidential and shall not be disclosed by Consultant without prior written consent by City. City shall grant such consent if disclosure is legally required. Upon request, all City data and any copies thereof shall be returned to City upon the termination or expiration of this Agreement.

14. NON-LIABILITY OF CITY OFFICIALS AND EMPLOYEES

No official or employee of the City shall be personally liable to Consultant in the event of any default or breach by City, or for any amount which may become due to Consultant.

15. INDEMNIFICATION

15.1 The Parties agree that City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers should, to the extent permitted by law, be fully protected from any loss, injury, damage, claim, lawsuit, cost, expense, attorneys' fees, litigation costs, or any other cost arising out of or in any way related to the performance of this Agreement. Accordingly, the provisions of this indemnity provision are intended by the Parties to be interpreted and construed to provide the fullest protection possible under the law to City. Consultant acknowledges that City would not enter into this Agreement in the absence of Consultant's commitment to indemnify and protect City as set forth herein. Notwithstanding the foregoing, to the extent Consultant's services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.2 To the full extent permitted by law, Consultant shall indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant or any of its officers, employees, servants, agents, or subconsultants in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees. Notwithstanding the foregoing, to the extent Consultant's Services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.3 City shall have the right to offset against the amount of any compensation due Consultant under this Agreement any amount due City from Consultant as a result of Consultant's failure to pay City promptly any indemnification arising under this Section 15 or related to Consultant's failure to either: (i) pay taxes on amounts received pursuant to this Agreement or (ii) comply with applicable workers' compensation laws.

15.4 The obligations of Consultant under this Section 15 will not be limited by the provisions of any workers' compensation act or similar act. Consultant expressly waives

its statutory immunity under such statutes or laws as to City, its officers, agents, employees and volunteers.

15.5 Consultant agrees to obtain executed indemnity agreements with provisions identical to those set forth here in this Section 15 from each and every subconsultant or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. In the event Consultant fails to obtain such indemnity obligations from others as required herein, Consultant agrees to be fully responsible and indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant's subconsultants or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees.

15.6 City does not, and shall not, waive any rights that it may possess against Consultant because of the acceptance by City, or the deposit with City, of any insurance policy or certificate required pursuant to this Agreement. This hold harmless and indemnification provision shall apply regardless of whether or not any insurance policies are determined to be applicable to the claim, demand, damage, liability, loss, cost or expense.

15.7 **PERS ELIGIBILITY INDEMNITY.** In the event that Consultant or any employee, agent, or subconsultant of Consultant providing services under this Agreement claims or is determined by a court of competent jurisdiction or the California Public Employees Retirement System (PERS) to be eligible for enrollment in PERS as an employee of the City, Consultant shall indemnify, defend, and hold harmless City for the payment of any employee and/or employer contributions for PERS benefits on behalf of Consultant or its employees, agents, or subconsultants, as well as for the payment of any penalties and interest on such contributions, which would otherwise be the responsibility of City.

Notwithstanding any other agency, state or federal policy, rule, regulation, law or ordinance to the contrary, Consultant and any of its employees, agents, and subconsultants providing service under this Agreement shall not qualify for or become entitled to, and hereby agree to waive any claims to, any compensation, benefit, or any incident of employment by City, including but not limited to eligibility to enroll in PERS as an employee of City and entitlement to any contribution to be paid by City for employer contribution and/or employee contributions for PERS benefits.

16. INSURANCE

16.1 During the term of this Agreement, Consultant shall carry, maintain, and keep in full force and effect insurance against claims for death or injuries to persons or damages to property that may arise from or in connection with Consultant's performance of this Agreement. Such insurance shall be of the types and in the amounts as set forth below:

16.1.1 Comprehensive general liability, and Umbrella or Excess Liability Insurance covering all operations by or on behalf of Consultant providing insurance for bodily injury liability and property damage liability for the following and including coverage for:

16.1.1.1 Premises, operations, and mobile equipment

16.1.1.2 Products and completed operations

16.1.1.3 Broad form property damage (including completed operations)

16.1.1.4 Explosion, collapse, and underground hazards

16.1.1.5 Personal Injury

16.1.1.6 Contractual liability

in the amount of One Million Dollars ($1,000,000) per occurrence combined single limit; Two Million Dollars ($2,000,000) aggregate for products/completed operation; Two Million Dollars ($2,000,000) general aggregate (General aggregate must apply separately to Consultant's work under this Agreement.); and Five Million Dollars ($5,000,000) umbrella or excess liability.

16.1.2 Automobile Liability Insurance for owned, hired and non-owned vehicles utilized by Consultant, its employees or subconsultants, in the amount of One Million Dollars ($1,000,000) per accident for bodily injury and property damage.

16.1.3 Worker's Compensation Insurance as required by the laws of the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than One Million Dollars ($1,000,000) per accident for bodily injury or disease.

16.1.4 Professional Liability Insurance against errors and omissions in the performance of the work under this Agreement with coverage limits of not less than One Million Dollars ($1,000,000) per occurrence of claim/ Two Million Dollars ($2,000,000) in the aggregate.

16.2 Consultant shall require each of its subconsultants, if any, to maintain insurance coverage that meets all of the requirements of this Agreement.

16.3 The policy or policies required by this Agreement shall be issued by an insurer admitted in the State of California and with a rating of at least A:VII in the latest edition of Best's Insurance Guide.

16.4 Consultant agrees that if it does not keep the aforesaid insurance in full force and effect City may either: (i) immediately terminate this Agreement; or (ii) take out the necessary insurance and pay, at Consultant's expense, the premium thereon.

16.5 At all times during the term of this Agreement, Consultant shall maintain on file with City's Risk Manager a certificate or certificates of insurance showing that the aforesaid policies are in effect in the required amounts and, for the general liability and automobile liability policies, naming the City as an additional insured. Consultant shall, prior to commencement of work under this Agreement, file with City's Risk Manager such certificate(s).

16.6 Consultant shall provide proof that policies of insurance required herein expiring during the term of this Agreement have been renewed or replaced with other policies providing at least the same coverage. Consultant shall provide such proof to City at least two weeks prior to the expiration of the coverages.

16.7 The general liability and automobile policies of insurance required by this Agreement shall contain an endorsement naming City, its officers, employees, agents and volunteers as additional insureds. All of the policies required under this Agreement shall contain an endorsement providing that the policies cannot be canceled or reduced except on thirty days' prior written notice to City. Consultant agrees to require its insurer to modify the certificates of insurance to delete any exculpatory wording stating that failure of the insurer to mail written notice of cancellation imposes no obligation, and to delete the word "endeavor" with regard to any notice provisions.

16.8 The general liability and automobile policies of insurance provided by Consultant shall be primary to any coverage available to City. Any insurance or self-insurance maintained by City, its officers, employees, agents or volunteers, shall be in excess of Consultant's insurance and shall not contribute with it.

16.9 All insurance coverage provided pursuant to this Agreement shall not prohibit Consultant, and Consultant's employees, agents or subconsultants, from waiving the right of subrogation prior to a loss. Consultant hereby waives all rights of subrogation against the City.

16.10 Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of City, Consultant shall either reduce or eliminate the deductibles or self-insured retentions with respect to City, or Consultant shall procure a bond guaranteeing payment of losses and expenses.

16.11 Procurement of insurance by Consultant shall not be construed as a limitation of Consultant's liability or as full performance of Consultant's duties to indemnify, hold harmless and defend under Section 15 of this Agreement.

16.12 If Consultant maintains broader coverage and/or higher limits than the minimums shown above, the City requires and shall be entitled to the broader coverage and/or the higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

17. MUTUAL COOPERATION

17.1 City shall provide Consultant with all pertinent data, documents and other requested information as is reasonably available to City for the proper performance of Consultant's services under this Agreement.

17.2 In the event any claim or action is brought against City relating to Consultant's performance in connection with this Agreement, Consultant shall render any reasonable assistance that City may require.

18. RECORDS AND INSPECTIONS

Consultant shall maintain full and accurate records with respect to all matters covered under this Agreement for a period of three years after the expiration or termination of this Agreement. City shall have the right to access and examine such records, without charge, during normal business hours. City shall further have the right to audit such records, to make transcripts therefrom and to inspect all program data, documents, proceedings, and activities.

19. PERMITS AND APPROVALS

Consultant shall obtain, at its sole cost and expense, all permits and regulatory approvals necessary in the performance of this Agreement. This includes, but shall not be limited to, encroachment permits and building and safety permits and inspections.

20. NOTICES

Any notices, bills, invoices, or reports required by this Agreement shall be deemed received on: (i) the day of delivery if delivered by hand, facsimile, email, or overnight courier service during Consultant's and City's regular business hours; or (ii) on the third business day following deposit in the United States mail if delivered by mail, postage prepaid, to the addresses listed below (or to such other addresses as the Parties may, from time to time, designate in writing).

If to City:

Steve Carmona, City Manager
City of Pico Rivera
PO Box 1016
6615 Passons Blvd.
Pico Rivera, California 90660-1016
Facsimile: (562) 801-4765

If to Consultant:

Derek Turner, Principal/CEO
International Cybernetics
Company, LP d.b.a. IMS
Infrastructure Management
8380 S Kyrene Rd, Suite 101
Tempe, Arizona 85284

With a courtesy copy to:

Arnold M. Alvarez-Glasman, City Attorney
Alvarez-Glasman & Colvin
13181 Crossroads Parkway North
Suite 400 - West Tower
City of Industry, CA 91746
Facsimile: (562) 692-2244

21. SURVIVING COVENANTS

The Parties agree that the covenants contained in Sections 13, 15 and Paragraph 17.2 of Section 17, of this Agreement shall survive the expiration or termination of this Agreement.

22. TERMINATION

22.1. City shall have the right to terminate this Agreement for any reason on five (5) calendar days' written notice to Consultant. Consultant shall have the right to terminate this Agreement for any reason on sixty (60) calendar days' written notice to City. The effective date of termination shall be upon the date specified in the notice of termination. Consultant agrees that in the event of such termination, City's obligation to pay Consultant shall be limited to payment only for those services satisfactorily rendered, as solely determined by the City, prior to the effective date of termination. Consultant agrees to cease all work under this Agreement on or before the effective date of any notice of termination. All City data, documents, objects, materials or other tangible things shall be returned to City upon the termination or expiration of this Agreement.

22.2 If City terminates this Agreement due to no fault or failure of performance by Consultant, then Consultant shall be paid based on the work satisfactorily performed, as solely determined by the City, at the time of termination. In no event shall Consultant

be entitled to receive more than the amount that would be paid to Consultant for the full performance of the services required by this Agreement.

23. ASSIGNMENT

Consultant shall not delegate, transfer, subcontract or assign its duties or rights hereunder, either in whole or in part, without City's prior written consent, and any attempt to do so shall be void and of no effect. City shall not be obligated or liable under this Agreement to any Party other than Consultant.

24. NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY

24.1 In the performance of this Agreement, Consultant shall not discriminate against any employee, subconsultant, or employment applicant because of race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation. Consultant will take affirmative action to ensure that subconsultants, employees, and employment applicants are treated without regard to their race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.2 Consultant will, in all solicitations or advertisements for employees placed by or on behalf of Consultant state either that it is an equal opportunity employer or that all qualified applicants will receive consideration for employment without regard to race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.3 Consultant will cause the foregoing provisions to be inserted in all subcontracts for any work covered by this Agreement except contracts or subcontracts for standard commercial supplies or raw materials.

25. WARRANTIES

25.1 Each Party has received independent legal advice from its attorneys with respect to the advisability of entering into and executing this Agreement, or been provided with an opportunity to receive independent legal advice and has freely and voluntarily waived and relinquished the right to do so. Each Party who has not obtained independent counsel acknowledges that the failure to have independent legal counsel will not excuse such Party's failure to perform under this Agreement.

25.2 In executing this Agreement, each Party has carefully read this Agreement, knows the contents thereof, and has relied solely on the statements expressly set forth herein and has placed no reliance whatsoever on any statement, representation, or promise of any other party, or any other person or entity, not expressly set forth herein,

nor upon the failure of any other party or any other person or entity to make any statement, representation or disclosure of any matter whatsoever.

25.3 It is agreed that each Party has the full right and authority to enter into this Agreement, and that the person executing this Agreement on behalf of either Party has the full right and authority to fully commit and bind such Party to the provisions of this Agreement.

26. CAPTIONS

26.1 The captions appearing at the commencement of the sections hereof, and in any paragraph thereof, are descriptive only and for convenience in reference to this Agreement. Should there be any conflict between such heading, and the section or paragraph thereof at the head of which it appears, the section or paragraph thereof, as the case may be, and not such heading, shall control and govern in the construction of this Agreement.

26.2 Masculine or feminine pronouns shall be substituted for the neuter form and vice versa, and the plural shall be substituted for the singular form and vice versa, in any place or places herein in which the context requires such substitution(s).

27. NON-WAIVER

27.1 The waiver by City or Consultant of any breach of any term, covenant or condition herein contained shall not be deemed to be a waiver of such term, covenant or condition or of any subsequent breach of the same or any other term, covenant or condition herein contained. In no event shall the making by City of any payment to Consultant constitute or be construed as a waiver by City of any breach of covenant, or any default which may then exist on the part of Consultant, and the making of any such payment by City shall in no way impair or prejudice any right or remedy available to City with regard to such breach or default. No term, covenant or condition of this Agreement shall be deemed to have been waived by City or Consultant unless in writing.

27.2 Each right, power and remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise shall be cumulative and shall be in addition to every other right, power, or remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise. The exercise, the commencement of the exercise, or the forbearance of the exercise by any Party of any one or more of such rights, powers or remedies shall not preclude the simultaneous or later exercise by such Party of any of all of such other rights, powers or remedies.

27.3 Consultant shall not be liable for any failure to perform if Consultant presents acceptable evidence, in City's sole judgment, that such failure was due to causes beyond the control and without the fault or negligence of Consultant.

28. COURT COSTS AND ATTORNEY FEES

In the event legal action shall be necessary to enforce any term, covenant or condition herein contained, the Party prevailing in such action, whether reduced to judgment or not, shall be entitled to its reasonable court costs, including accountants' fees and expert witness fees, if any, and attorneys' fees expended in such action. The venue for any litigation shall be Los Angeles County, California.

29. SEVERABILITY

If any term or provision of this Agreement or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable, then such term or provision shall be amended to, and solely to, the extent necessary to cure such invalidity or unenforceability, and in its amended form shall be enforceable. In such event, the remainder of this Agreement, or the application of such term or provision to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby, and each term and provision of this Agreement shall be valid and be enforced to the fullest extent permitted by law.

30. GOVERNING LAW

This Agreement shall be governed and construed in accordance with the laws of the State of California.

31. COUNTERPARTS

This Agreement may be signed in any one or more counterparts all of which taken together shall be but one and the same Agreement. Any signed copy of this Agreement or of any other document or agreement referred to herein, or copy or counterpart thereof, delivered by facsimile or email transmission, shall for all purposes be treated as if it were delivered containing an original manual signature of the Party whose signature appears in the facsimile or email and shall be binding upon such Party in the same manner as though an originally signed copy had been delivered.

32. ENTIRE AGREEMENT

All documents referenced as exhibits in this Agreement are hereby incorporated in this Agreement. In the event of any material discrepancy between the express provisions of this Agreement and the provisions of any document incorporated herein by reference, the provisions of this Agreement shall prevail. This instrument contains the entire

Agreement between City and Consultant with respect to the transactions contemplated herein. No other prior oral or written agreements are binding upon the Parties. Amendments hereto or deviations herefrom shall be effective and binding only if made in writing and executed by City and Consultant.

TO EFFECTUATE THIS AGREEMENT, the Parties have caused their duly authorized representatives to execute this Agreement on the dates set forth below.

"CITY" CITY OF PICO RIVERA	"CONSULTANT" INTERNATIONAL CYBERNETICS COMPANY, LP d.b.a. IMS INFRASTRUCTURE MANAGEMENT SERVICES
_____	_____
Steve Carmona, City Manager	Derek Turner, Principal/CEO
Dated: _____	Dated: _____
ATTEST:	**APPROVED AS TO FORM:**
_____	_____
Cynthia Ayala, City Clerk	Arnold M. Alvarez-Glasman, City Attorney

EXHIBIT A
SCOPE OF SERVICES

EXHIBIT A

IMS
POWERED BY ICC

March 6, 2024

Request for Proposal (RFP) for

Pavement Management Program

NONCIP 30057

City of Pico Rivera
Department of Public Works
6615 Passons Boulevard
Pico Rivera, California 90660

APPENDIX C
NON-COLLUSION AFFIDAVIT

PAVEMENT MANAGEMENT PROGRAM,
FY 2023-24, NONCIP 30057

The undersigned declares states and certifies that:

1. This Proposal is not made in the interest of, or on behalf of any undisclosed person, partnership, company, association, organization or corporation. This Proposal is genuine and not collusive or sham.

2. I have not directly or indirectly induced or solicited any other Proposer to put in a false or sham proposal and I have not directly or indirectly colluded, conspired, connived, or agreed with any other Proposer or anyone else to put in sham proposal or to refrain from submitting to this RFP.

3. I have not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the proposal price or to fix any overhead, profit or cost element of the proposal price or to secure any advantage against the City of Pico Rivera or of anyone interested in the proposed contract.

4. All statements contained in the Proposal and related documents are true.

5. I have not directly or indirectly submitted the proposal price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay any fee to any person, corporation, partnership, company, association, organization, RFP depository, or to any member or agent thereof to effectuate a collusive or sham proposal.

6. I have not entered into any arrangement or agreement with any City of Pico Rivera public officer in connection with this proposal.

7. I understand collusive bidding is a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards.

Signature of Authorized Representative

Kurt Keifer, PhD, PE	Director of Client Solutions, Principal Engineer
Name of Authorized Representative	Title of Authorized Representative

A. Letter of Offer

IMS Infrastructure Management Services
10630 75th Street North
Largo, Florida 33777
(727) 547-0696
www.icc-ims.com

March 6, 2024

City of Pico Rivera
Attn: Noe Negrete, Director of Public Works
6615 Passons Boulevard
Pico Rivera, California 90660

Dear Selection Committee,

IMS Infrastructure Management Services is pleased to submit our proposal in response to the City of Pico Rivera's solicitation. **We are proud of what we have accomplished together since 2020, and we welcome the opportunity to continue our collaboration in 2024!** We are very familiar with the City's roadway network, having successfully completed the 2020-2021 survey with you. **Since our founding, we have provided services like those requested by the City to more than 1,000 municipalities across the United States and 50 in the Golden State since 2010.** While there are several qualified firms that can survey this project, IMS offers the City something more:

- **Project Manager Dave Bratton, PE (IL, TX)** understands how important accurate pavement condition data is to maintaining safety along the City's public streets. He will **leverage his experience with the City on the previous project as well as his extensive StreetSaver experience to optimize M&R solutions within the Pavement Management Program (PMP)** for the City.
- Eight of our engineers and QC/QA technicians are independently certified **through the rigorous Orange County Transportation Authority (OCTA) for ASTM D6433 condition rating.**
- **IMS is well-versed in StreetSaver and ArcGIS with many years of experience implementing and updating these programs for agencies across the United States.** In the last five years alone, IMS has led over 75 StreetSaver projects ranging from full implementations to simple data updates.
- **As an added value, we are pleased to offer the City complimentary access to our pavement and asset data visualization software Inform™.** Inform is a convenient, web-based tool that simplifies visualization of data and associated imagery, and allows clients to customize search parameters based on the agency's GIS. Inform is fast, intuitive, and offers the simplest way to make valuable photologs available agency-wide with no license restrictions on number of users.

Thank you again for the opportunity to submit our proposal. My colleagues and I truly look forward to working with the City.

The official contact person for any questions regarding our submission and contract negotiations should IMS be selected is my colleague Mr. Jim Tourek. Jim may be contacted by phone at (480) 462-4030, by email at jtourek@imsanalysis.com or by post at 10630 75th Street North, Largo, Florida 33777.

On behalf of the firm, I hereby certify:

- *International Cybernetics Company, LP d/b/a IMS Infrastructure Management's Federal Tax ID is 59-1626392.*
- *This proposal will remain valid for a period of not less than 90 calendar days from the date of submittal.*
- *IMS will self-perform 100% of the scope of work for this project. We are proposing no sub-consultants or subcontractors.*
- *IMS is in receipt of Addenda No. 1 Q&A dated 02/22/2024 and acknowledges we are obligated to the terms therein.*
- *All information submitted within our proposal is true and correct.*

Best regards,
IMS Infrastructure Management Services

Kurt Keifer, PhD, PE, Director of Client Solutions & Principal Engineer
kkeifer@imsanalysis.com | (737) 900-6676

B. Qualifications of the Firm

Firm Profile

IMS Infrastructure Management Services, now powered by International Cybernetics Company (ICC), has revolutionized roadway infrastructure management since 1975. With the 2022 merger of IMS and ICC, the IMS team of infrastructure consultants is now backed by ICC's industry leading data acquisition technologies. We take pride in having one of the industry's largest fleets of advanced pavement, sidewalk, and right of way (ROW) asset data collection systems.

Over the past five years, we have made a $5 million investment in enhancing our Unify™ software suite, solidifying our position as an industry leader in providing fully integrated, end-to-end data collection, processing, and visualization tools. Our advanced systems—combined with our rigorous approach to quality control (QC)—empower us to generate unparalleled data quality while setting the industry benchmark for the fastest turnaround time. The actions that we have taken over the past five years illustrate our continued commitment to improving data quality while simultaneously reducing data collection costs for our clients.

We offer the following pavement management services:

- Automated and semi-automated pavement condition assessments.
- Non-destructive pavement testing and analysis.
- Pavement management system implementation and training.
- Pavement management plan development and presentation.

FIRM QUALIFICATIONS

- **49 years of experience** helping cities and counties assess, analyze, and manage pavements and ROW assets, **with successful project delivery for more than 1,000 municipalities** in that time
- **87 employees** across the United States and Canada**, including 10 engineers (six possessing PhDs)**
- Extensive experience with more than **15 pavement and asset management systems**, including, AgileAssets, Cartegraph OMS, Cityworks, Lucity, PAVER, StreetLogix, StreetSaver, VUEWorks, and others
- Project teams led by Professional Pavement/Infrastructure Engineers
- Largest fleet of second generation laser crack measurement system (LCMS-2) equipped IrisPRO Pave data collection vehicles dedicated to municipal pavement management in the United States
- QC/QA technicians independently certified through the rigorous Orange County Transportation Authority (OCTA) for ASTM D6433 condition rating

In addition to pavement management services, IMS offers complementary services such as:

- ROW asset inventory development using 360° imagery and mobile lidar.
- Sidewalk and Americans with Disabilities (ADA) compliance surveys.
- Data visualization services using dashboards, StoryMaps, and web applications built on GIS.

Welcome to the new era of infrastructure management, where consulting services are powered by advanced technologies. Together, IMS powered by ICC are paving the way forward!

Esri Bronze Partnership

Our engineers and data processing team members are well versed in GIS. It is an essential skill given our reliance on georeferenced data for data collection, processing, reporting, and visualization. As an Esri Bronze Partner, IMS uses Esri desktop software and ArcGIS Online—software that many agencies are already using. We look for ways to leverage our clients' existing licensing, subscriptions, and infrastructure to elevate the data we deliver. IMS has built StoryMaps for clients to help explain to agency staff and constituents how a pavement condition survey is performed, what the data means, how the analysis is performed, and how the M&R budgets are distributed to maximize the use of available funds.

Office Locations

IMS is headquartered in Largo, Florida with regional offices in Tempe, Arizona and Austin, Texas. **The base of operations for project work under this contract will be 10630 75th Street, Largo, Florida 33777.** IMS maintains a highly qualified staff of pavement and asset management professionals working remotely across the United States and Canada. This provides several benefits to IMS and our clients including increased engagement, productivity, and regional access across North America. Team members are accustomed to traveling for field operations, council/governing body presentations, and critical project milestones as required, which is typical for this industry.

IMS Staff

The IMS team, comprised of 87 employees, includes 10 engineers (six possessing PhDs) and 18 data and GIS technicians focused exclusively on pavement and ROW asset management. In addition, eight of our engineers and technicians are independently certified Pavement Condition Index (PCI) raters through the Orange County Transportation Authority's (OCTA) rigorous annual certification program.

Workload/Availability

As a signature project for both the City and IMS, we will ensure our key personnel's workload is balanced so that they can maintain daily contact with the City and travel to the project site as needed. Our key personnel typically average 80 to 90% billable hours each week. While they are accustomed to providing high quality service to multiple concurrent projects, we load balance project phases so that no team member's assigned projects are in the same critical startup, data collection, or closeout phases at the same time.

Subconsultants

IMS will self-perform 100% of the scope of work under this contract.

Financial Condition

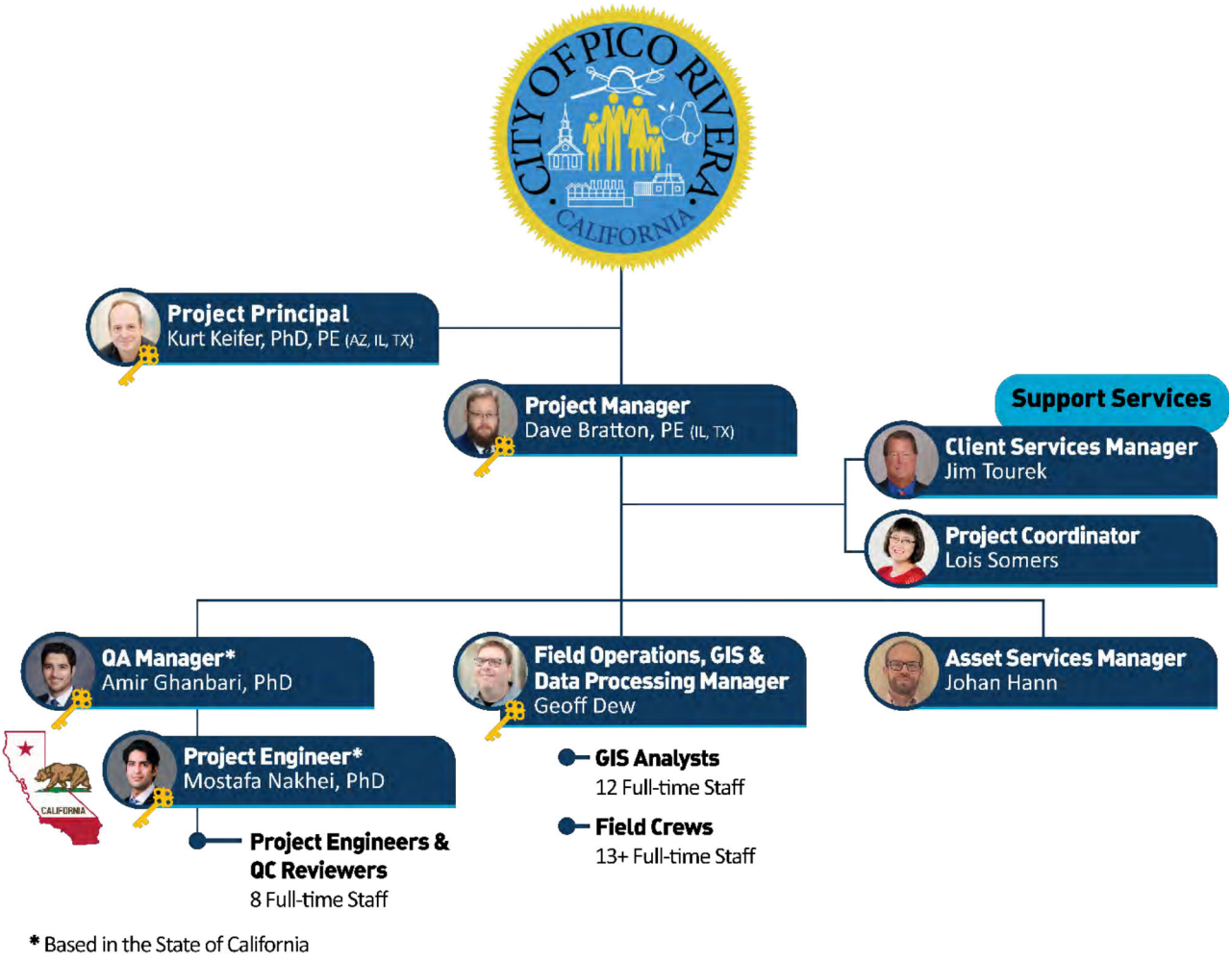
International Cybernetics Company, LP d/b/a IMS Infrastructure Management Services affirms that it has the financial resources sufficient to secure all necessary labor and equipment to complete the work, and to cover the cost of other anticipated reimbursable allowances. The firm has been operating in the industry since 1975. The firm is not in default nor has any history of defaults with any projects or financial institutions. If additional information is preferred, references from our financial institution can be promptly furnished. We receive reviewed financial statements by an external accounting firm annually.

C. Proposed Staffing

Our team is accustomed to working on multiple projects at a time, and we adjust resources on a routine basis to ensure that we have the staff and equipment required to meet project milestones. Those summarized below will be assigned to the City for the duration of the project. They have been selected for their regional experience, unique knowledge, and current availability/workloads.

Project Manager Dave Bratton will serve as the primary contact with the City and looks forward to continuing his support of the City. He will be supported by QA Manager Amir Ghanbari, PhD who is based in Anaheim, California, approximately 18 miles from the City of Pico Rivera's offices.

Team Organization Chart



Our proposed team is supported by additional resources that, if needed, can provide extra capacity or specialized expertise for the project. We are accustomed to mobilizing additional personnel and fleet equipment as required to meet the schedule.

Resumes for key personnel are presented in Appendix A.

Qualifications and Responsibilities

Key Personnel	Qualifications Summary, Unique Knowledge to Benefit the City, and Primary Responsibilities
Kurt Keifer, PhD, PE* **Project Principal** 26 Years' Experience/4 with IMS	Has 26 years of experience implementing pavement management programs for municipal agencies. **Unique Knowledge:** Worked with the US Army Corps of Engineers for a decade developing PAVER and the image-based automated method for performing PCR and ASTM D6433 PCI inspections. **PE licensed in AZ, IL, TX*
Kurt's Primary Responsibilities: Ensures the team has available staffing and equipment. Provides subject matter expertise and guidance to the team and ensures project deliverables enable the City to prioritize improvement projects while maximizing available funding.	
Dave Bratton, PE* **Project Manager** 13 Years' Experience/13 with IMS	Project manager for recent City of Irvine, Tehama County, City of Pico Rivera, City of San Luis Obispo, California projects; OCTA certified pavement rater. **Unique Knowledge:** Fluent in StreetSaver, PAVER, Lucity, CarteGraph, and others. **PE licensed in IL, TX*
Dave's Primary Responsibilities: Overall project management. Works closely with the City to review and confirm project goals, objectives, deliverables, schedules and project success. Ensures the City's quality, schedule, and budget goals are met.	
Amir Ghanbari, PhD **QA Manager & Deputy Project Manager** 10 Years' Experience/2 with IMS	Worked with Project Manager Dave Bratton to review survey maps, GIS linkages, process condition data, and develop draft reports on three recent projects of similar size and scope. Local in Anaheim, California and OCTA certified pavement rater. **Unique Knowledge:** PhD in Pavement Engineering; fluent in PAVER and StreetSaver.
Amir's Primary Responsibilities: Ensures that the City receives the highest quality deliverables possible by working closely with the project manager and QC/QA technicians. Develops the project-specific QC/QA plan with required specifications for the City's review and approval. Supports the project manager in total oversight as deputy project manager. Leads value added initiatives and alternative work scope, as necessary.	
Geoff Dew **Director of Operations/GIS & Data Processing Manager** 18 Years' Experience/5 with IMS	Has worked with all team members on recent projects, managing the data processing team and associated tasks. **Unique Knowledge:** 500,000 miles of data processing for 12 DOTs, including delivering more than 3.5 million unique assets across 70 different asset types.

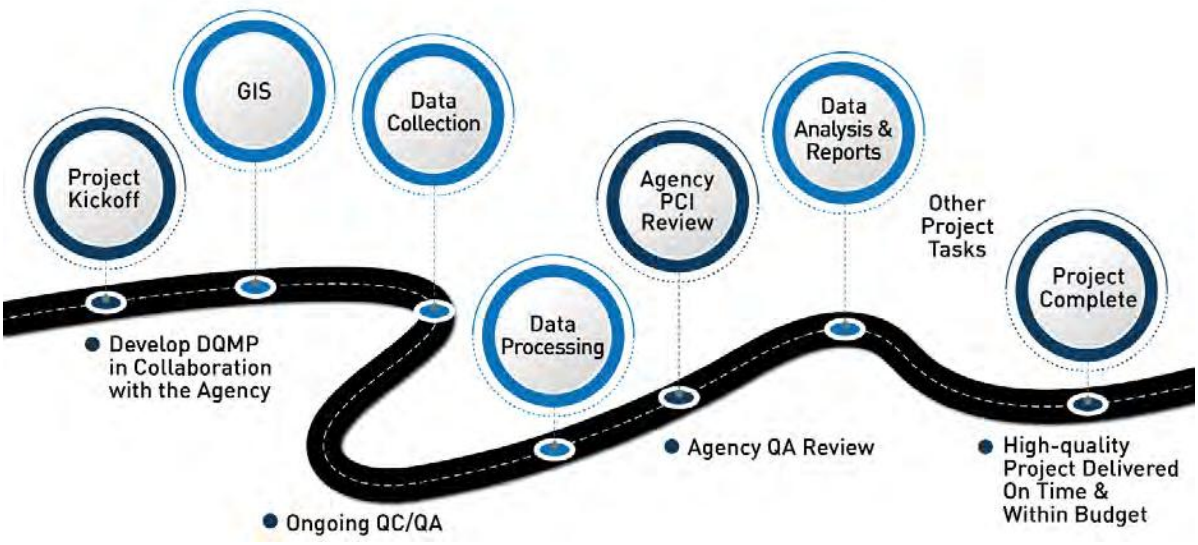
Key Personnel	Qualifications Summary, Unique Knowledge to Benefit the City, and Primary Responsibilities
Primary Responsibilities: Efficient management of the data processing team with an eye on integrity.	
Johan Hann **Asset Services Manager** 22 Years' Experience/1 with IMS	Manages IMS' LCMS-2 fleet and is experienced in pavement evaluation technologies such as automated pavement condition survey with Ramboll (RST), Cybernetics RT, and 3D LCMS-2, Lidar, falling/heavy/ lightweight deflectometer and dynaflect, and GPR. **Unique Knowledge:** Provides a clear vision and builds tailored solutions that optimize clients' ROI.
Primary Responsibilities: Asset management support to individual pavement condition data collection, data analysis, and pavement management system installations.	
Mostafa Nakhaei, PhD, EIT **Project Engineer** 10 Years' Experience/2 with IMS	Engineer and senior data scientist with nine years of professional experience dedicated to pavement engineering. Well-versed in several pavement management programs including PAVER. Local in California. **Unique Knowledge:** With dual degrees in Data Science, has developed several computer programs such as "MASTIC" and "Back-MASTIC" for layered elastic analysis/pavement modulus back calculation.
Mostafa's Primary Responsibilities: Reviews and assists with data processing and project deliverable development. Performs QC functions as a peer reviewer.	
Lois Somers **Project Coordinator** 29 Years' Experience/29 with IMS	Supports the success of the full project lifecycle, documenting intently through each project phase. Leads document control activities and facilitates clear project team communication to support overall success. **Unique Knowledge:** Organized, detail-oriented, and experienced with numerous agency project control procedures nationwide.
Lois's Primary Responsibilities: Leads project coordination and document control efforts for the team. Facilities clear communication and documentation to support the overall success of the project.	
Jim Tourek **Client Services Manager** 31 Years' Experience/10 with IMS	Has been at the helm of pavement and ROW asset management on more than 250 successful projects for clients ranging from small cities to large government municipalities. **Unique Knowledge:** Transparent approach with a deep understanding of resource needs and logistics.
Jim's Primary Responsibilities: Ensures overall client service satisfaction. Serves as the long-term contact for the City, before, during, and after project completion.	

D. Consultants and/or Sub-consultants

IMS will self-perform 100% of the scope of work under this contract; however, should the need for subcontracting arise, we will discuss the intended benefits with the City prior to contacting potential subcontractors. We screen all subcontractors for business, quality, and safety acumen. Further, all subcontractors are required to agree to and comply with the same standards and requirements as set forth in our scope of work. Quality and escalation protocols are defined for each engagement, which includes subcontractor performance monitoring. IMS acknowledges that there is to be no assignment of any aspect of the work without prior written authorization of the City. Furthermore, the City has the right to accept or reject any changes made to the proposed project team members, including the use of subcontractors.

E. Work Approach

IMS has standardized a project approach based upon our 49 years of pavement management experience and the subsequent lessons learned after performing thousands of projects. Detailed conversations with our clients allow us to tailor solutions specific to the needs of the individual agency. The IMS project approach for pavement condition and asset inventory projects typically follows the steps shown in the figure below.



Task 1. Kickoff Meeting & Project Management Plan

IMS assigns seasoned pavement engineers as the project managers for all our projects. We believe it is imperative that the project manager have the requisite technical and domain knowledge—as well as practical project management experience—to lead the team. **Our project management approach is based on thorough planning, proactive schedule**

management, and constant communication—the result of which is higher quality deliverables and satisfied stakeholders.

Project Kickoff

A prerequisite for a successful project is an initial project meeting with the City and the IMS team. This early communication is critical to ensuring that we are fully aligned with the City's overall vision for the project and that specific data needs are documented accurately. Detailed project initiation and GIS setup forms are part of our kickoff process, the outcome of which includes a final project approach plan and approved schedule **developed in collaboration with the City and established before any data collection begins.** The project approach plan includes, but is not limited to:

The plan is reviewed and approved by the City before any data collection begins and we ensure it remains current with any additional data needs.

Status Meetings

The IMS project manager will provide an update to the City's project manager on the progress of activities **each week**. The IMS project dashboard will provide a live visual indication of progress against plan. In addition, we will schedule monthly routine check-in meetings to communicate the current project schedule, upcoming tasks, risks, and challenges. IMS will develop the meeting agenda and prepare succinct meeting minutes that catalog the items discussed, decisions made, and action items with a list of who will be responsible for completing each activity.

Sample reporting dashboard showing data collection and processing progress

Task 2. Pavement History Updates

GIS Survey Mapping & Network Referencing

Data collection is unique in every jurisdiction. To facilitate a standard approach that yields deliverables tailored to our clients' needs, we developed our Unify™ Software Suite that includes Drive™ for data collection, Connect™ for data processing, and Inform™ for online visualization. Our comprehensive software suite relies on street centerline GIS data provided by the City to build all successive processes, which include calibration, collection, processing, analysis, and reporting.

We will review the City's road network GIS files that define the extents of the survey and compare them against existing pavement database street segments. If discrepancies exist, they will be noted and reviewed with the City before data collection begins. We will load the finalized road network into Drive™, which defines the pavement network segmentation and attribution to be collected, minimizing routing problems and location errors. The GIS files will include attributes such as road section ID, street name, street type, beginning and ending descriptions, and start and end references for each segment. Data collection will then take place using one of our IrisPRO Pave data collection vehicles. Upon completion of data collection, Connect™ is used to automatically extract data from the sensors on the IrisPRO Pave and combine it with location information and imagery. The output from Connect™ may be uploaded to Inform™ for convenient visualization.

Task 3. Pavement Condition Survey

Our field crews will collect both outward facing and downward facing pavement imagery, using one of our IrisPRO Pave data collection vehicles equipped with second generation Laser Crack Measurement System (LCMS-2) 3D pavement imaging technology. Pavement surface distresses including alligator cracking, block cracking, rutting, raveling, reflective cracking, loss of section, bleeding, edge distress, and patched areas as well as right of way (ROW) imagery will be collected on a segment-by-segment basis, with each distress captured by type, extent, and severity as outlined in ASTM D6433. The data and imagery that is collected is then linked to the City's existing GIS data.

The LCMS-2 system is the highest resolution 3D pavement scanning technology available. Each LCMS-2 system relies on two downward-facing, high-resolution 3D cameras. Combined, the two 3D cameras
capture continuous downward imagery for more than a standard lane width. The cameras are coupled with downward-facing lasers that provide constant and consistent illumination of the pavement surface, regardless of ambient lighting conditions. The impacts of shadows from trees, buildings, or simply overcast sky conditions are eliminated by the laser illumination.

IMS has the largest fleet of IrisPRO Pave data collection vehicles equipped with LCMS-2 technology dedicated to municipal pavement management

The 3D cameras can detect one-millimeter-wide cracks and full-lane-width rutting, as required by ASTM D6433, on the pavement surface at speeds up to 65 mph. **The versatility of the LCMS-2 technology provides added value to the City since the automated pavement condition survey and data collection can be performed at posted speeds without the need for traffic control.** Pavement data collection and imagery surveys are expected to progress at a rate of between 30 and 50 miles per day for the City.

Once the pavement survey is complete, the IMS team processes the collected data using Connect™ software, a combination of advanced analytical tools, and quality control/quality assurance (QC/QA) checks to determine accurate and repeatable PCI values for each roadway segment. We perform a rigorous, manual QC/QA process conducted by IMS' certified PCI raters to further ensure data accuracy. In addition, we deliver our PCI ratings

and supporting data (inventory, distress, rutting, and international roughness index [IRI] information) in both spreadsheet and GIS formats for easy review. The data that we provide may be used immediately for decision making or be imported into any pavement management software for additional analysis and reporting.

Any distresses that are not captured by the automated LCMS-2 technology will be captured by our trained in-vehicle distress raters. The automated data is supplemented by information collected by the second crew person in the van using a mobile mapping solution known as Drive™. **The Drive™ file format is part of IMS' unique approach to pavement condition surveys.** Drive™ files contain useful information for our field crews, including direction routing information and one-pass versus two-pass data collection instructions. They allow our trained field staff to capture additional condition and inspection information used by our QC/QA team to validate condition data.

We perform the following activities daily during data collection to ensure data consistency:

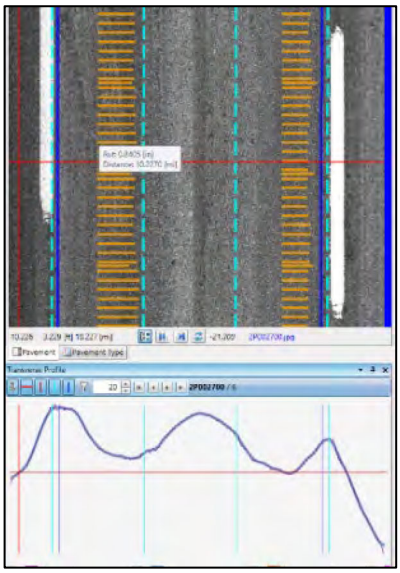
- Equipment is calibrated and daily reports completed
- All sensors are continually monitored to ensure they are receiving data within specification
- The LCMS-2-equipped IrisPRO Pave crew chief and operator manually monitor the HD digital images, GPS, distress recorder, roughness measurements, and rutting data
- Each street is noted within the inventory and on the map as well as through GPS and assignment by van number
- Production is tracked and records of coverage are documented
- If necessary, a corrective action plan is developed and followed
- All data is backed up and sent to the IMS primary office for processing

Rutting and Roughness

IMS' LCMS-2 systems detect rutting on asphalt roadways using laser measurements of transverse profiles that are collected continuously as the IrisPRO Pave drives at normal traffic speed. With more than 4,000 measurement points collected per transverse profile and sub-millimeter vertical accuracy, the LCMS-2 can define transverse profiles with a high level of precision, accuracy, and repeatability.

Once all the transverse profiles are collected for a roadway, IMS determines the rut area and the deepest (or maximum) rut depth for each segment. These values, as well as width of rut and color coding, can be seen in the LCMS-2 laser image to the right. Orange

represents high severity rutting, while yellow represents moderate severity rutting. The severities are determined based on maximum rut depth thresholds that are specified in ASTM D6433. Pavement roughness is evaluated by measuring the accumulated difference in the vertical displacement of a road surface, independent of chassis response, over a prescribed road length (longitudinal profile). Roughness is typically reported following the International Roughness Index (IRI) index, which is calculated in real time from continuous longitudinal profile data collected by the IrisPRO Pave's ASTM Class 1 IrisPRO pavement profiler. To determine the longitudinal profile, data is simultaneously obtained in compliance with ASTM E950 from three devices: a pulse transducer-based distance-measuring instrument (DMI), high-speed RoLine™ lasers, and an accelerometer.



Rutting areas and severity levels

Quality Control and Quality Assurance Procedures

Our signature QC/QA process is comprehensive and makes use of field observations, automated data processing tools, manual data review by our QC team, independent review by our QA manager, and final review by the City. IMS has developed a unique approach to pavement condition assessments by coupling the power of automated algorithms with the manual review of distress data. Our pavement engineers have an expert understanding of the capabilities and limitations of the state-of-the-art LCMS-2 technology and the sophisticated algorithms that we employ. They are trained to detect anomalies in field observation notes, manual data review, and automated LCMS-2 output. This rigorous QC/QA process provides an added measure of confidence that the automated distress detection and classification algorithms have performed accurately.

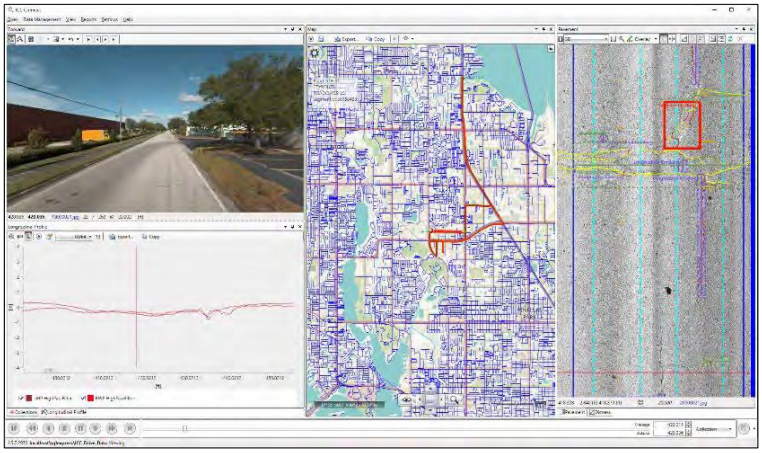
Data Quality Monitoring

During the collection and processing workflow, data discrepancies are detected in the following three ways. These processes are run on 100% of the collected and processed data. Any road sections with data discrepancies arising from sensors, systems, or processing that exceed the defined thresholds will be recollected and/or reprocessed, as necessary.

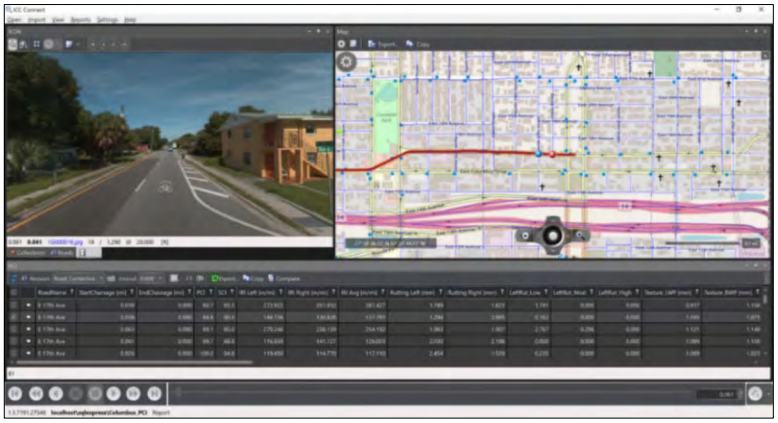
- **During data collection** through real-time health monitoring systems onboard the IrisPRO Pave data collection vehicle
- **During data processing** in Connect™'s data import module using data quality checks that include data completeness and data synchronization validation
- **During data reporting** in Connect™'s reporting through sensibility and range checks

Image Sample Checking and Distance/Location Verification

IMS will review a random sample of pavement images to confirm the accuracy of reported distress data using our Connect™ software. The detailed distress data for each image, including cracking and the classified and rated distresses, are superimposed over the image as well as displayed in a table. This allows QC reviewers to efficiently review and confirm that the condition of the road has been surveyed accurately.



Connect™ with distress data review



Connect™ with shapefile and GPS trace

Connect™ also shows the vehicle GPS traces (collection polylines) overlaid on a street view map or an aerial image. They are shown together with the City-provided GIS shapefile polylines to provide quick and easy verification that the correct sections were driven, that section limits were correctly identified, and that the vehicle GPS is accurate. This all-in-one processing software makes location errors and misplaced sections things of the past, and the transparency improves client confidence in the delivered data.

Inform™ Pavement Data Visualization and Analysis Software

IMS offers a convenient, web-based tool for reviewing pavement condition data and associated imagery. Our cloud-hosted visualization and analysis software Inform™ enables agencies to review all collected pavement data, including cracking, rutting, and roughness together, in a geocentric environment. The software is fast, intuitive, and the simplest way to make valuable photolog images available to every user, reducing the number of required field visits and valuable time.

> *"Inform has not only met but also surpassed our expectations. It is quick, exceptionally responsive, requires no IT involvement, and is incredibly user-friendly for individuals of all levels." —Robert Bush, Program Manager, Arizona DOT*

Task 4. Pavement Maintenance Program & Rehab Strategy & Task 5. Identify Rehabilitation Priorities

Data Upload into StreetSaver

As an industry leader in pavement management services, we have encountered every third party pavement and asset management software implemented in North America today. We have implemented and updated StreetSaver for several agencies in California and are knowledgeable in its capabilities and limitations. This includes developing several scripts that prepare data for import, which optimize the integrity of the pavement condition data before it is imported into StreetSaver.

Upon completion of the pavement condition survey, condition data will be imported into the City's StreetSaver software, validating that the data was uploaded properly, and configuring the operating parameters to reflect local conditions. This may include repair methods, rehabilitation alternatives, local unit costs, critical PCI thresholds, and others—all configured to produce reliable analysis routines and reports.

Task 6. Preparation of a Multi-year Rehabilitation Program & Task 7. Financial Planning

Once the data has been approved through the client review process, we will collaborate with the City to review and update the existing pavement rehabilitation model parameters in StreetSaver and conduct several pavement management scenarios as directed.

IMS uses a rigorous, quality-tested prediction modeling and budget evaluation process to develop custom unit cost tables, decision trees, and scenario plans. We will customize StreetSaver with City-specific parameters before running several network-level "what-if" scenarios that explore the benefits and consequences of several budgets on long term pavement conditions and rehabilitation backlog. This includes analyzing useful life scenarios for segments within the City's roadway network. Our goal is to build the most equitable, need-based multi-year programs for our clients.

Based on our team's regional experience and with significant input from the City, we will build a StreetSaver pavement maintenance decision tree. The decision tree will consider the M&R strategies that are available to the City, and we will provide recommendations for treatments that the City may consider including in their arsenal. Ultimately, the decision tree is the foundation for accurate budget needs analyses. In determining treatment unit costs, we will review data available from City (e.g., bid tabs, engineer's estimates) for and compare to regional average costs. We will then recommend maintenance treatment unit costs for each treatment chosen in the decision tree.

Strategy (example)	PCI Range (example)	Criticality	Cost of Deferring the Activity	Priority
Preventive Maintenance	65 – 80 with limited load related distress	Non-Critical		10
		Critical (In their Need Year)	Too High	1
Thin Mill and Overlay	55 - 65	Non-Critical		8
		Critical (In their Need Year)	Low	5
Thick Mill and Overlay	45 - 55	Non-Critical		7
		Critical (In their Need Year)	High	2
Partial Reconstruction	25 - 45	Non-Critical		6
		Critical (In their Need Year)	Moderate	3
Full Reconstruction	0 - 25	Non-Critical		9
		Critical (In their Need Year)	None / Safety	4

We will assist the City in the development a 5-year Pavement Master Plan built around practical prioritization techniques and financial optimization, typically in the form of cost of deferral. Our focus will be on applying the right treatment to the right pavement at the right time to maximize the use of limited funding over the course of the overall pavement lifecycle. IMS will use the funding levels provided by the City to determine the annual funding required to maintain an average overall pavement condition and prepare investment benefit recommendations for the City's future use. IMS incorporates pavement management principles that assist agencies in producing cost effective maintenance programs.

Task 8. Mapping & Lists & Task 9. Final Report

IMS will prepare all project documentation, including a draft and final summary report of the findings and conclusions as specified by the City. Per the City's request, IMS will provide electronic color-coded maps of streets, including street names, depicting varying ranges of overall condition index using criteria based upon data values as an appendix to the final report. Project Coordinator Lois Somers will oversee document control, which will include major and minor version numbers assigned in the file name and rigorous QC/QA. After the City's review, we will make all necessary changes and prepare copies of the final report. In addition, we will provide project documentation in native, electronic formats to the City as requested.

Optional Task. ROW Asset Inventories

ROW asset data collection is a primary component of nearly half of IMS' projects. We have experience collecting data for and managing ROW asset inventories and condition assessments on signs, sign supports, curb and gutter, sidewalks and multi-use trails, ADA ramps, pavement markings and striping, traffic signals, and many others. While we offer multiple methods for collecting ROW assets, the most cost-effective is to use the ROW imagery that is collected at the same time as the pavement surveys are conducted. IMS' RST LCMS-2 equipped data collection systems use high-end GPS coordinate data and HD digital cameras on the front, side, and rear of the van to capture visible assets in the ROW.

Optional Task. Council Meetings

IMS can deliver presentations virtually or in-person based upon the City's request to educate council members and/or the public on the concepts of pavement management, the results of the survey, health of the roadway network, and our recommendations.

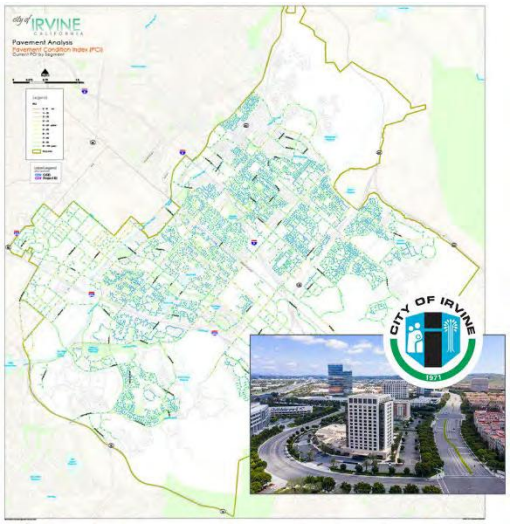
Proposed Schedule

This schedule is based on an estimated **receipt of NTP by mid-April 2024**. A final schedule will be provided upon the completion of scope negotiations. The schedule for data collection is variable and dependent upon the receipt of NTP.

Task	Description	Duration Estimate	Milestone Completion
1	Council Approval, Executed Agreement & NTP to be Issued	2 weeks	Late-May 2024
2	GIS Acquisition/Development and Validation	2 weeks	June 2024
3	Review Map Iterations and Approval	2 weeks	June 2024
4	Kickoff Meeting (Virtual)	1 day	Late-June 2024
5	IrisPRO Pave LCMS-2 Pavement Network Survey	1 day	Early-July 2023
6	QC/QA Program for Collected Data	4 weeks	July-August 2024
7	Deliver Network Condition Data/Analysis Software Set-up	1 week	August 2024
8	StreetSaver Analysis & GIS Integration	4 weeks	September - October 2024
9	ROW Assets: Sidewalks, Traffic Signs, Curb Ramps, Pavement Traffic Markings & Striping, Curb Markings	3 months from survey	October 2024
10	Final Report, Council Presentations	4 weeks	November 2024
11	Final Deliverables, GIS of Assets	2 weeks	November 2024

F. Client References

City of Irvine, California – 2022, 2020, 2019



In 2020, IMS partnered with the City of Irvine for a citywide pavement condition survey complete with detailed analysis and rehabilitation plan development. The 651 test miles of pavement condition data included surface distress and roughness collected with the LCMS-2 equipped van; deflection testing was conducted on the city's major roads. The data was then input into PAVER for OCTA reporting requirements and into IMS Easy Street Analysis (ESA), where prioritization, optimization, and budget scenarios were run for the City. The successful project was completed with ESA training and delivery of the final report. A FY22 supplemental agreement was requested for further budget scenarios and support as needed. The FY2023 project to complete the bi-annual OCTA submittals was recently completed, which included assembly of prioritization, optimization, and budget scenarios per OCTA reporting parameters, training, and final report to the City.

Reference: Allison Tran, PE **| Phone:** (949) 724-7547 **| Email:** atran@cityofirvine.org

City of Lake Forest, California – 2023, 2020

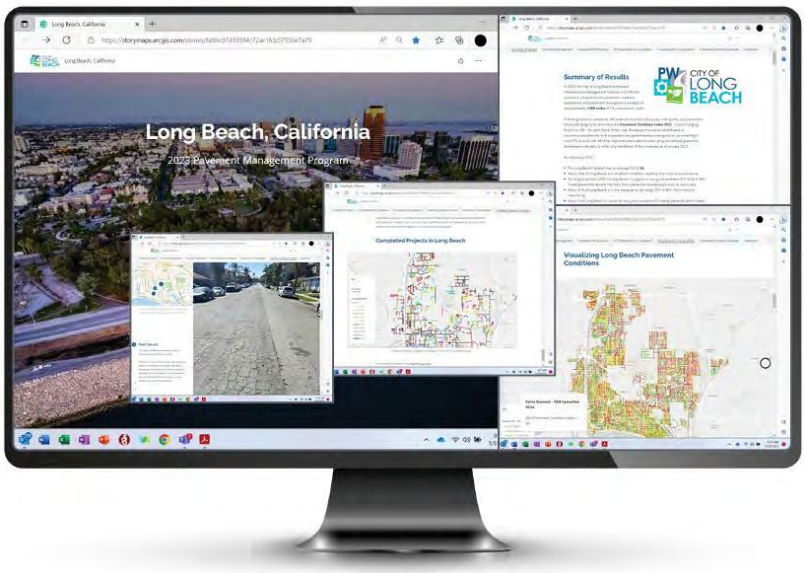
IMS performed an ASTM D6433 pavement condition assessment of approximately 170 test miles of the City of Lake Forest's public street network in 2020 and again in 2022. The City is part of the Orange County Transportation Authority (OCTA), which has strict reporting requirements and requires a 7-year pavement management plan (PMP). IMS supplied OCTA-compliant data for upload into the City's StreetSaver software and updated the programs forecasting protocols to develop budget scenarios for the City's PMP as required by Measure M.

At the City's request, ROW asset data collection was added to the scope during the 2022-2023 cycle. IMS captured all street name signs (CA MUTCD sign code D3), reviewed the survey street photos, and captured a photo with geospatial data point for each street name sign. The final geodatabase file included sign locations, sign supports, sign type, sign text (also known as street names), and photos of the signs and post.

Reference: Doug Erdman, Assistant City Engineer | **Phone:** (949) 282-5233
Email: derdman@lakeforestca.gov

City of Long Beach, California – 2023, 2020, 2017, 2013

IMS conducted the City of Long Beach's pavement management program update in 2013 and 2017. Both projects included pavement condition surveys for over 900 test miles complete with digital imaging and deflection testing on the arterial roadways. In addition, IMS completed a software conversion from PAVER to Lucity, as the city desired a more robust pavement analysis tool. As a result of the success of the previous projects, work continued with new assignments in 2021. IMS performed an automated ASTM D6433 PCI survey of city-managed roads as well as IRI data collection. Structural testing was also conducted on the entire network using a falling weight deflectometer to assess the structural integrity of the pavements. As an added benefit, IMS developed multiple interactive online maps for the city using an Esri StoryMap that shared complex engineering information in an easy to understand public-facing framework. In addition, IMS developed a framework to use the pavement condition data to split the total budget between council districts based on their total maintenance needs. This was used to develop a more equitable 5-year city program.



Recent example of an ArcGIS Online Story Map for the City of Long Beach, California Click the following link to visit the complete Interactive Story Map online at: https://storymaps.arcgis.com/stories/fa9bc07d10984c72ac1fcb57536e7a79

Reference: Thana Sathees, PE, QSD **| Phone:** (562) 570-7513 **| Email:** thana.sathees@longbeach.gov

G. Rights to Materials

IMS acknowledges that all responses, inquiries, and correspondence relating to this RFP and all reports, charts, displays, schedules, exhibits, and other documentation produced by IMS that are submitted as part of the proposal and not withdrawn will, upon receipt by the City of Pico Rivera, become property of the City.

EXHIBIT B
APPROVED FEE SCHEDULE

EXHIBIT B

IMS
POWERED BY ICC

March 6, 2024

Request for Proposal (RFP) for

Pavement Management Program

NONCIP 30057

City of Pico Rivera
Department of Public Works
6615 Passons Boulevard
Pico Rivera, California 90660

H. Schedule of Hourly Rates – FY2025

		Labor Effort					Expenses					Contract Rates for Invoicing					
		$140	$120	$100	$85		$500	$150	$500	$1	$1						
Task	Description	Principal, Sr. Engineer	Intermediate Eng., Data Analyst	Jr. Eng, Sr. Tech, Crew Chief	Technologist, Client Mgr, Admin	Total Labor	Airfares	Per Diem & Hotel	RST Charges	Mileage	Sub & Misc. Fee	Expenses Total	Task Total	Quantity	Units	Unit Rate	Total
	Project Initiation																
1	Project Initiation & Kickoff Meeting	2	3		16	$2,000.00						$—	$2,000.00	1	LS	$2,000.00	$2,000.00
2	Network Referencing & GIS Linkage		1	8	16	$2,280.00						$—	$2,280.00	152	CL Mi.	$15.00	$2,280.00
3	Network Inventory Checks & Survey Map Development			2.5	6	$760.00						$—	$760.00	152	CL Mi.	$5.00	$760.00
	Field Surveys																
4	IrisPRO Pave Mobilization/Calibration			12	12	$2,220.00		3		225	$30.00	$705.00	$2,925.00	1	LS	$2,925.00	$2,925.00
5	IrisPRO Pave Automated Field Data Collection (1-pass ALL LANES of MPAH & Locals)			96	96	$17,760.00		24	12	400	$2,640.00	$12,640.00	$30,400.00	320	T-MI	$95.00	$30,400.00
6	Annual Fee: Downward Images in Inform™ Continuous Intervals (Web Based; No Crack Display)													1st Year is Included in Base Activities			
	a. Data Fee for Hosting													1st Year is Included in Base Activities			
	Data Management																
7	Data QA/QC, Processing, Format	1	16	23	24	$6,400.00						$—	$6,400.00	320	T-MI	$20.00	$6,400.00
8	Review & Update StreetSaver Construction Cost Estimates	1	8	4		$1,500.00						$—	$1,500.00	1	LS	$1,500.00	$1,500.00
9	StreetSaver Pavement Condition Data Load & GIS Integration			4	5	$825.00					$7,450.00	$7,450.00	$8,275.00	1	LS	$8,275.00	$8,275.00
10	StreetSaver Multi-Year M&R Pavement Analysis		15	20	30	$6,350.00						$—	$6,350.00	1	LS	$6,350.00	$6,350.00
11	IMS Standard Draft Written Report	1	4	12	8	$2,500.00						$—	$2,500.00	1	LS	$2,500.00	$2,500.00
	a. IMS Standard Final Written Report			5		$500.00						$—	$500.00	1	LS	$500.00	$500.00
12	Project Management & Progress Updates		20		4	$2,740.00		5		79		$829.00	$3,569.00	1	LS	$3,569.00	$3,569.00
	City Contingency (Written Authorization by City Required; NOTE: FY21 & FY23 totaled $8,701)																
																Project Total:	**$67,459.00**

EXHIBIT C
TERMS FOR COMPLIANCE WITH CALIFORNIA LABOR LAW REQUIREMENTS

1. This Agreement calls for services that, in whole or in part, constitute "public works" as defined in Division 2, Part 7, Chapter 1 (commencing with Section 1720) of the California Labor Code ("Chapter 1"). Further, Consultant acknowledges that this Agreement is subject to (a) Chapter 1 and (b) the rules and regulations established by the Department of Industrial Relations ("DIR") implementing such statutes. Therefore, as to those Services that are "public works", Consultant shall comply with and be bound by all the terms, rules and regulations described in 1(a) and 1(b) as though set forth in full herein.

2. California law requires the inclusion of specific Labor Code provisions in certain contracts. The inclusion of such specific provisions below, whether or not required by California law, does not alter the meaning or scope of Section 1 above.

3. Consultant shall be registered with the Department of Industrial Relations in accordance with California Labor Code Section 1725.5, and has provided proof of registration to City prior to the Effective Date of this Agreement. Consultant shall not perform work with any subconsultant that is not registered with DIR pursuant to Section 1725.5. Consultant and subconsultants shall maintain their registration with the DIR in effect throughout the duration of this Agreement. If the Consultant or any subconsultant ceases to be registered with DIR at any time during the duration of the project, Consultant shall immediately notify City.

4. Pursuant to Labor Code Section 1771.4, Consultant's Services are subject to compliance monitoring and enforcement by DIR. Consultant shall post job site notices, as prescribed by DIR regulations.

5. Pursuant to Labor Code Section 1773.2, copies of the prevailing rate of per diem wages for each craft, classification, or type of worker needed to perform the Agreement are on file at City Hall and will be made available to any interested party on request. Consultant acknowledges receipt of a copy of the DIR determination of such prevailing rate of per diem wages, and Consultant shall post such rates at each job site covered by this Agreement.

6. Consultant shall comply with and be bound by the provisions of Labor Code Sections 1774 and 1775 concerning the payment of prevailing rates of wages to workers and the penalties for failure to pay prevailing wages. The Consultant shall, as a penalty to City, forfeit $200.00 for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the DIR for the work or craft in which the worker is employed for any public work done pursuant to this Agreement by Consultant or by any subconsultant.

7. Consultant shall comply with and be bound by the provisions of Labor Code Section 1776, which requires Consultant and each subconsultant to: keep accurate payroll records and verify such records in writing under penalty of perjury, as specified in Section 1776; certify and make such payroll records available for inspection as provided by Section 1776; and inform City of the location of the records.

8. Consultant shall comply with and be bound by the provisions of Labor Code seq. concerning the employment of apprentices on public works projects. Consultant shall be responsible for compliance with these aforementioned Sections for all apprenticeable occupations. Prior to commencing work under this Agreement, Consultant shall provide City with a copy of the information submitted to any applicable apprenticeship program. Within 60 days after concluding work pursuant to this Agreement, Consultant and each of its subconsultants shall submit to City a verified statement of the journeyman and apprentice hours performed under this Agreement.

9. The Consultant shall not perform Work with any Subconsultant that has been debarred or suspended pursuant to California Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. The Consultant and Subconsultants shall not be debarred or suspended throughout the duration of this Contract pursuant to Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. If the Consultant or any subconsultant becomes debarred or suspended during the duration of the project, the Consultant shall immediately notify City.

10. Consultant acknowledges that eight hours labor constitutes a legal day's work. Consultant shall comply with and be bound by Labor Code Section 1810. Consultant shall comply with and be bound by the provisions of Labor Code Section 1813 concerning penalties for workers who work excess hours. The Consultant shall, as a penalty to City, forfeit $25.00 for each worker employed in the performance of this Agreement by the Consultant or by any subconsultant for each calendar day during which such worker is required or permitted to work more than eight hours in any one calendar day and 40 hours in any one calendar week in violation of the provisions of Division 2, Part 7, Chapter 1, Article 3 of the Labor Code. Pursuant to Labor Code section 1815, work performed by employees of Consultant in excess of eight hours per day, and 40 hours during any one week shall be permitted upon public work upon compensation for all hours worked in excess of eight hours per day at not less than one and one-half times the basic rate of pay.

11. California Labor Code Sections 1860 and 3700 provide that every employer will be required to secure the payment of compensation to its employees. In accordance with the provisions of California Labor Code Section 1861, Consultant hereby certifies as follows:

> "I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract."

12. For every subconsultant who will perform work on the project, Consultant shall be responsible for such subconsultant's compliance with Chapter 1 and Labor Code Sections 1860 and 3700, and Consultant shall include in the written contract between it and each subconsultant a copy of those statutory provisions and a requirement that each subconsultant shall comply with those statutory provisions. Consultant shall be required to take all actions necessary to enforce such contractual provisions and ensure subconsultant's compliance, including without limitation, conducting a periodic review of the certified payroll records of the subconsultant and upon becoming aware of the failure

of the subconsultant to pay his or her workers the specified prevailing rate of wages. Consultant shall diligently take corrective action to halt or rectify any failure.

13. To the maximum extent permitted by law, Consultant shall indemnify, hold harmless and defend (at Consultant's expense with counsel reasonably acceptable to City) City, its officials, officers, employees, agents and independent consultants serving in the role of City officials, and volunteers from and against any demand or claim for damages, compensation, fines, penalties or other amounts arising out of or incidental to any acts or omissions listed above by any person or entity (including Consultant, its subconsultants, and each of their officials, officers, employees and agents) in connection with any work undertaken or in connection with the Agreement, including without limitation the payment of all consequential damages, attorneys' fees, and other related costs and expenses. All duties of Consultant under this Section shall survive the termination of the Agreement.

CITY COUNCIL AGENDA REPORT

To: Mayor and City Council

From: City Manager

Meeting Date: April 23, 2024

Subject: AWARD A PROFESSIONAL SERVICES AGREEMENT TO DIEGO'S AUTO REPAIR FOR VEHICLE AND EQUIPMENT MAINTENANCE REPAIR SERVICES

Recommendation:

1. Award a Professional Services Agreement to Diego's Auto Repair, Inc. to provide vehicle and equipment maintenance services for City-owned vehicles and equipment for a term of three (3) years with two (2), one-year options to extend, for the annual amount of $75,000, and a not-to-exceed amount of $225,000 for the three-year term of the Agreement; and

2. Authorize the City Manager to execute the agreement, in a form approved by the City Attorney, including any amendments to exercise the two (2) one-year extension options at a not-to-exceed annual amount of $75,000.

Fiscal Impact:

The fiscal year (FY) 2023-24 Adopted Budget includes adequate appropriations to complete auto repair services, as needed, for the remainder of the FY 2023-24 under Account No 100.40.4033-54500 (Public Works, Fleet Maintenance).

The FY 2024-25 approved budget allocates adequate funding to cover the annual $75,000 estimated costs for the recommended agreement, $60,000 included under Account No. 100.40.4033-54500 (Public Works, Fleet Maintenance) and $15,000 under Account No. 550.40.4920-53300 (Public Works, Water Authority). Future appropriations will be budgeted accordingly to cover costs for FY 2025-26 and FY 2026-27, including any planned one-year extensions.

Discussion:

The Public Works Department, Field Operations Division is responsible for the management, repairs, and maintenance of City-owned vehicles and equipment. The City's vehicle and equipment fleet includes over sixty-five passenger, service, utility, and heavy construction vehicles, and other motorized equipment utilized by all Departments.

On March 12, 2024, a Request for Bids (RFB) was published for vehicle and equipment repair and maintenance services on the Planet Bids platform. The RFB aims to secure a vendor to perform maintenance and repairs that exceed the capacity and/or technical expertise of the full-time Equipment Mechanic II at the Public Works Yard, who handles routine maintenance on vehicles and small power equipment.

Bid proposals were due April 2, 2024, and the City received six (6) proposals.

Contractor	**Total Bid**
Diego's Auto Repair Inc.	$18,350.00
Norm Reeves Ford Superstore	$19,387.00
Clean Diesel Specialists	$23,443.00
Fleetworks Inc.	$24,361.68
Stomich Inc.	$28,586.60
SVT Fleet Solutions	$33,555.00

The City used the bid schedule in the RFB to obtain prices for various general repairs and maintenance services on an as-needed basis from vendors. Diego's Auto was the lowest responsive and responsible bidder. The City has utilized the services of Diego's Auto Repair since 2015. City staff has been satisfied with services rendered by Diego's Auto Repair. Diego's Auto Repair has met all bid specifications and demonstrated the capability, capacity, and experience to perform the work required at a reasonable cost. The agreement herein also requires Diego's Auto Repair to pick up and deliver vehicles to the Public Works Maintenance Yard so that City staff time is not spent for said purpose.

Based on the previous three-year trend, the City has spent on average $65,000 to $70,000 annually on vehicle maintenance and repair services. To ensure adequate funding for routine maintenance and extraordinary repairs, staff recommend awarding a contract to Diego's Auto Repair for $75,000 annually and an aggregate amount of $225,000 for the next three years.

Conclusion:

Staff recommends approving the three-year agreement with Diego's Auto Repair for vehicle and equipment repair and maintenance, and two (2) one-year options to extend under mutual agreement, for an annual amount not-to-exceed $75,000. The agreement's total compensation amount is not-to-exceed $225,000 for the next three (3) years. Additionally, should the options to extend be processed, it would be a not-to-exceed amount of $75,000 per year.

Steve Carmona

SC:NN:ML:np

Enclosures: 1) Professional Services Agreement
2) Request for Proposals

AGREEMENT NO. _____
PROFESSIONAL SERVICES AGREEMENT
BETWEEN THE CITY OF PICO RIVERA AND
DIEGO'S AUTO REPAIR, INC.

1. IDENTIFICATION

THIS PROFESSIONAL SERVICES AGREEMENT ("Agreement") is entered into by and between the City of Pico Rivera, a California municipal corporation ("City") and Diego's Auto Repair, Inc., ("Consultant"). City and Consultant are sometimes hereinafter individually referred to as a "Party" and collectively referred to as "Parties."

2. RECITALS

2.1 City has determined that it requires professional services from a consultant to provide vehicle and equipment maintenance and repairs.

2.2 Consultant represents that it is fully qualified to perform such professional services by virtue of its experience and the training, education and expertise of its principals and employees. Consultant further represents that it is willing to accept responsibility for performing such services in accordance with the terms and conditions set forth in this Agreement.

NOW, THEREFORE, for and in consideration of the performance by the Parties of the mutual covenants and conditions herein contained, the Parties hereto agree as follows:

3. DEFINITIONS

3.1 "Scope of Services": Such professional services as are set forth in the Consultant's April 2, 2024 proposal to City attached hereto as Exhibit "A" and incorporated herein by this reference.

3.2 "Approved Fee Schedule": Such compensation rates as are set forth in the Consultant's April 2, 2024 proposal to City attached hereto as Exhibit "B."

3.3 "Commencement Date": July 1, 2024

3.4 "Expiration Date": June 30, 2027

4. TERM

The term of this Agreement shall commence at 12:00 a.m. on the Commencement Date and shall expire at 11:59 p.m. on the Expiration Date unless extended by written agreement of the Parties for two (2) one-year option renewals or terminated in accordance with Section 22 below. The two (2) one-year renewal options must be

exercised in a written amendment to this Agreement executed by all Parties. The Agreement term shall not be extended beyond June 30, 2029.

5. CONSULTANT'S SERVICES

5.1 Consultant shall perform the services identified in the Scope of Services. City shall have the right to request, in writing, changes in the Scope of Services. Any such changes mutually agreed upon by the Parties, and any corresponding increase or decrease in compensation, shall be incorporated by written amendment to this Agreement. In no event shall the total compensation and costs payable to Consultant under this Agreement exceed the sum of Seventy-Five Thousand Dollars ($75,000) per year, and the total compensation and costs payable to Consultant for the three (3) year term of this Agreement shall not exceed the sum of Two Hundred Twenty-Five Thousand Dollars ($225,000) unless specifically approved in advance, in writing, by City. Upon the exercise of the two (2) one-year renewal options the annual compensation and costs payable to Consultant shall not exceed the sum of Seventy-Five Thousand Dollars ($75,000) for each additional one-year extension term.

5.2 Consultant shall perform all work to the highest professional standards of Consultant's profession and in a manner reasonably satisfactory to City.

6. COMPENSATION

6.1 City agrees to compensate Consultant for the services provided under this Agreement, and Consultant agrees to accept in full satisfaction for such services, payment in accordance with the Approved Fee Schedule.

6.2 Consultant shall submit to City an invoice, on a monthly basis or less frequently, for the services performed pursuant to this Agreement. Each invoice shall itemize the services rendered during the billing period and the amount due. Within ten (10) business days of receipt of each invoice, City shall notify Consultant in writing of any disputed amounts included on the invoice. Within thirty (30) calendar days of receipt of each invoice, City shall pay all undisputed amounts included on the invoice. City shall not withhold applicable taxes or other authorized deductions from payments made to Consultant.

6.3 Payments for any services requested in writing by City and not included in the Scope of Services shall be made to Consultant by City on a time-and-materials basis using Consultant's standard fee schedule. Fees for such additional services shall be paid within sixty (60) days of the date Consultant issues an invoice to City for such services.

7. BUSINESS LICENSE

Consultant shall obtain a City business license prior to commencing performance under this Agreement.

8. COMPLIANCE WITH LAWS

Consultant shall keep informed of State, Federal and Local laws, ordinances, codes and regulations that in any manner affect those employed by it or in any way affect the performance of its services pursuant to this Agreement. The Consultant shall at all times comply with such laws, ordinances, codes and regulations. Without limiting the generality of the foregoing, if Consultant is an out-of-state corporation or LLC, it must be qualified and registered to do business in the State of California pursuant to sections 2105 and 17708.02 of the California Corporations Code. The City, its officers and employees shall not be liable at law or in equity occasioned by failure of Consultant to comply with this Section.

9. CONFLICT OF INTEREST

Consultant covenants that it presently has no interest and shall not acquire any interest, direct or indirect, which may be affected by the services to be performed by Consultant under this Agreement, or which would conflict in any manner with the performance of its services hereunder. During the term of this Agreement, Consultant shall not perform any work for another person or entity for whom Consultant was not working at the Commencement Date if both: (i) such work would require Consultant to abstain from a decision under this Agreement pursuant to a conflict of interest statute; and (ii) City has not consented in writing prior to Consultant's performance of such work.

10. PERSONNEL

Consultant represents that it has, or will secure at its own expense, all personnel required to perform the services identified in the Scope of Services. All such services shall be performed by Consultant or under its supervision, and all personnel engaged in the work shall be qualified to perform such services. Consultant reserves the right to determine the assignment of its own employees to the performance of Consultant's services under this Agreement, but City reserves the right, for good cause, to require Consultant to exclude any employee from performing services on City's premises. Meliton F. Cruz, Owner, shall be Consultant's project administrator and shall have direct responsibility for management of Consultant's performance under this Agreement. No change shall be made in Consultant's project administrator without City's prior written consent.

11. OWNERSHIP OF WRITTEN PRODUCTS

All reports, documents or other written material ("written products") developed by Consultant in the performance of this Agreement shall be and remain the property of City without restriction or limitation upon its use or dissemination by City. Consultant may take and retain copies of such written products as desired, but no such written products shall be the subject of a copyright application by Consultant. If any state, federal, or local law requires mandatory copyright protection for Consultant's work product, City shall comply with such laws to the extent feasible.

12. INDEPENDENT CONTRACTOR

12.1 Consultant is, and shall at all times remain as to City, a wholly independent contractor. Consultant shall have no power to incur any debt, obligation, or liability on behalf of City or otherwise to act on behalf of City as an agent. Neither City nor any of its officers, employees or agents shall have control over the conduct of Consultant or any of Consultant's employees, except as set forth in this Agreement. Consultant shall not at any time represent that it is, or that any of its agents or employees are, in any manner employees of City.

12.2 The Parties further acknowledge and agree that nothing in this Agreement shall create or be construed to create a partnership, joint venture, employment relationship, joint-employer relationship, or any other relationship between Consultant or Consultant's employees except as set forth in this Agreement.

12.3 City shall have no direct or indirect control over Consultant's employees or sub-consultants with respect to wages, hours, and working conditions. In addition, City shall not deduct from the Compensation paid to Consultant any sums required for Social Security, withholding taxes, FICA, state disability insurance or any other federal, state or local tax or charge which may or may not be in effect or hereinafter enacted or required as a charge or withholding on the compensation paid to Consultant, Consultant's employees or subconsultants. City shall have no responsibility to provide Consultant, its employees or subconsultants with workers' compensation insurance or any other insurance.

12.4 The Parties further acknowledges the following: (i) that Consultant shall provide the services outlined in the Scope of Services directly to City; (ii) Consultant maintains a business location at the address listed under Section 20 that is separate and distinct from the City; (iii) Consultant contracts with other businesses to provide the same or similar services and maintains a clientele without restriction from the City; (iv) Consultant advertises and holds itself out to the public as available to provide the same or similar services; (v) unless otherwise specified in this Agreement, Consultant provides its own tools, vehicles, and equipment necessary for performing the Scope of Services; (vi) Consultant has proposed and negotiated its own rates; and (vii) consistent with the nature and demands of the project and the City's business hours, Consultant may set its own hours and location of work.

13. CONFIDENTIALITY

All data, documents, discussion, or other information developed or received by Consultant or provided for performance of this Agreement are deemed confidential and shall not be disclosed by Consultant without prior written consent by City. City shall grant such consent if disclosure is legally required. Upon request, all City data and any copies thereof shall be returned to City upon the termination or expiration of this Agreement.

14. NON-LIABILITY OF CITY OFFICIALS AND EMPLOYEES

No official or employee of the City shall be personally liable to Consultant in the event of any default or breach by City, or for any amount which may become due to Consultant.

15. INDEMNIFICATION

15.1 The Parties agree that City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers should, to the extent permitted by law, be fully protected from any loss, injury, damage, claim, lawsuit, cost, expense, attorneys' fees, litigation costs, or any other cost arising out of or in any way related to the performance of this Agreement. Accordingly, the provisions of this indemnity provision are intended by the Parties to be interpreted and construed to provide the fullest protection possible under the law to City. Consultant acknowledges that City would not enter into this Agreement in the absence of Consultant's commitment to indemnify and protect City as set forth herein. Notwithstanding the foregoing, to the extent Consultant's services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.2 To the full extent permitted by law, Consultant shall indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant or any of its officers, employees, servants, agents, or subconsultants in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees. Notwithstanding the foregoing, to the extent Consultant's Services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.3 City shall have the right to offset against the amount of any compensation due Consultant under this Agreement any amount due City from Consultant as a result of Consultant's failure to pay City promptly any indemnification arising under this Section 15 or related to Consultant's failure to either: (i) pay taxes on amounts received pursuant to this Agreement or (ii) comply with applicable workers' compensation laws.

15.4 The obligations of Consultant under this Section 15 will not be limited by the provisions of any workers' compensation act or similar act. Consultant expressly waives its statutory immunity under such statutes or laws as to City, its officers, agents, employees and volunteers.

15.5 Consultant agrees to obtain executed indemnity agreements with provisions identical to those set forth here in this Section 15 from each and every subconsultant or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. In the event Consultant fails to obtain such indemnity obligations from others as required herein, Consultant agrees to be fully responsible and indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant's subconsultants or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees.

15.6 City does not, and shall not, waive any rights that it may possess against Consultant because of the acceptance by City, or the deposit with City, of any insurance policy or certificate required pursuant to this Agreement. This hold harmless and indemnification provision shall apply regardless of whether or not any insurance policies are determined to be applicable to the claim, demand, damage, liability, loss, cost or expense.

15.7 **PERS ELIGIBILITY INDEMNITY.** In the event that Consultant or any employee, agent, or subconsultant of Consultant providing services under this Agreement claims or is determined by a court of competent jurisdiction or the California Public Employees Retirement System (PERS) to be eligible for enrollment in PERS as an employee of the City, Consultant shall indemnify, defend, and hold harmless City for the payment of any employee and/or employer contributions for PERS benefits on behalf of Consultant or its employees, agents, or subconsultants, as well as for the payment of any penalties and interest on such contributions, which would otherwise be the responsibility of City.

Notwithstanding any other agency, state or federal policy, rule, regulation, law or ordinance to the contrary, Consultant and any of its employees, agents, and subconsultants providing service under this Agreement shall not qualify for or become entitled to, and hereby agree to waive any claims to, any compensation, benefit, or any incident of employment by City, including but not limited to eligibility to enroll in PERS as an employee of City and entitlement to any contribution to be paid by City for employer contribution and/or employee contributions for PERS benefits.

16. INSURANCE

16.1 During the term of this Agreement, Consultant shall carry, maintain, and keep in full force and effect insurance against claims for death or injuries to persons or damages to property that may arise from or in connection with Consultant's performance of this Agreement. Such insurance shall be of the types and in the amounts as set forth below:

16.1.1 Comprehensive general liability, and Umbrella or Excess Liability Insurance covering all operations by or on behalf of Consultant providing insurance for bodily injury liability and property damage liability for the following and including coverage for:

16.1.1.1 Premises, operations, and mobile equipment

16.1.1.2 Products and completed operations

16.1.1.3 Broad form property damage (including completed operations)

16.1.1.4 Explosion, collapse, and underground hazards

16.1.1.5 Personal Injury

16.1.1.6 Contractual liability

in the amount of One Million Dollars ($1,000,000) per occurrence combined single limit; Two Million Dollars ($2,000,000) aggregate for products/completed operation; Two Million Dollars ($2,000,000) general aggregate (General aggregate must apply separately to Consultant's work under this Agreement.); and Five Million Dollars ($5,000,000) umbrella or excess liability.

16.1.2 Automobile Liability Insurance for owned, hired and non-owned vehicles utilized by Consultant, its employees or subconsultants, in the amount of One Million Dollars ($1,000,000) per accident for bodily injury and property damage.

16.1.3 Worker's Compensation Insurance as required by the laws of the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than One Million Dollars ($1,000,000) per accident for bodily injury or disease.

16.1.4 Professional Liability Insurance against errors and omissions in the performance of the work under this Agreement with coverage limits of not less than One Million Dollars ($1,000,000) per occurrence of claim/ Two Million Dollars ($2,000,000) in the aggregate.

16.2 Consultant shall require each of its subconsultants, if any, to maintain insurance coverage that meets all of the requirements of this Agreement.

16.3 The policy or policies required by this Agreement shall be issued by an insurer admitted in the State of California and with a rating of at least A:VII in the latest edition of Best's Insurance Guide.

16.4 Consultant agrees that if it does not keep the aforesaid insurance in full force and effect City may either: (i) immediately terminate this Agreement; or (ii) take out the necessary insurance and pay, at Consultant's expense, the premium thereon.

16.5 At all times during the term of this Agreement, Consultant shall maintain on file with City's Risk Manager a certificate or certificates of insurance showing that the aforesaid policies are in effect in the required amounts and, for the general liability and automobile liability policies, naming the City as an additional insured. Consultant shall, prior to commencement of work under this Agreement, file with City's Risk Manager such certificate(s).

16.6 Consultant shall provide proof that policies of insurance required herein expiring during the term of this Agreement have been renewed or replaced with other policies providing at least the same coverage. Consultant shall provide such proof to City at least two weeks prior to the expiration of the coverages.

16.7 The general liability and automobile policies of insurance required by this Agreement shall contain an endorsement naming City, its officers, employees, agents and volunteers as additional insureds. All of the policies required under this Agreement shall contain an endorsement providing that the policies cannot be canceled or reduced except on thirty days' prior written notice to City. Consultant agrees to require its insurer to modify the certificates of insurance to delete any exculpatory wording stating that failure of the insurer to mail written notice of cancellation imposes no obligation, and to delete the word "endeavor" with regard to any notice provisions.

16.8 The general liability and automobile policies of insurance provided by Consultant shall be primary to any coverage available to City. Any insurance or self-insurance maintained by City, its officers, employees, agents or volunteers, shall be in excess of Consultant's insurance and shall not contribute with it.

16.9 All insurance coverage provided pursuant to this Agreement shall not prohibit Consultant, and Consultant's employees, agents or subconsultants, from waiving the right of subrogation prior to a loss. Consultant hereby waives all rights of subrogation against the City.

16.10 Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of City, Consultant shall either reduce or eliminate the deductibles or self-insured retentions with respect to City, or Consultant shall procure a bond guaranteeing payment of losses and expenses.

16.11 Procurement of insurance by Consultant shall not be construed as a limitation of Consultant's liability or as full performance of Consultant's duties to indemnify, hold harmless and defend under Section 15 of this Agreement.

16.12 If Consultant maintains broader coverage and/or higher limits than the minimums shown above, the City requires and shall be entitled to the broader coverage and/or the higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

17. MUTUAL COOPERATION

17.1 City shall provide Consultant with all pertinent data, documents and other requested information as is reasonably available to City for the proper performance of Consultant's services under this Agreement.

17.2 In the event any claim or action is brought against City relating to Consultant's performance in connection with this Agreement, Consultant shall render any reasonable assistance that City may require.

18. RECORDS AND INSPECTIONS

Consultant shall maintain full and accurate records with respect to all matters covered under this Agreement for a period of three years after the expiration or termination of this Agreement. City shall have the right to access and examine such records, without charge, during normal business hours. City shall further have the right to audit such records, to make transcripts therefrom and to inspect all program data, documents, proceedings, and activities.

19. PERMITS AND APPROVALS

Consultant shall obtain, at its sole cost and expense, all permits and regulatory approvals necessary in the performance of this Agreement. This includes, but shall not be limited to, encroachment permits and building and safety permits and inspections.

20. NOTICES

Any notices, bills, invoices, or reports required by this Agreement shall be deemed received on: (i) the day of delivery if delivered by hand, facsimile, email, or overnight courier service during Consultant's and City's regular business hours; or (ii) on the third business day following deposit in the United States mail if delivered by mail, postage prepaid, to the addresses listed below (or to such other addresses as the Parties may, from time to time, designate in writing).

If to City:

Steve Carmona, City Manager
City of Pico Rivera
PO Box 1016
6615 Passons Blvd.
Pico Rivera, California 90660-1016
Facsimile: (562) 801-4765

If to Consultant:

Meliton F. Cruz, Owner
Diego's Auto Repair, Inc.
812 Truck Way
Montebello, CA, 90640

With a courtesy copy to:

Arnold M. Alvarez-Glasman, City Attorney
13181 Crossroads Parkway North
Suite 400 - West Tower
City of Industry, CA 91746
Facsimile: (562) 692-2244

21. SURVIVING COVENANTS

The Parties agree that the covenants contained in Sections 13, 15 and Paragraph 17.2 of Section 17, of this Agreement shall survive the expiration or termination of this Agreement.

22. TERMINATION

22.1. City shall have the right to terminate this Agreement for any reason on five (5) calendar days' written notice to Consultant. Consultant shall have the right to terminate this Agreement for any reason on sixty (60) calendar days' written notice to City. The effective date of termination shall be upon the date specified in the notice of termination. Consultant agrees that in the event of such termination, City's obligation to pay Consultant shall be limited to payment only for those services satisfactorily rendered, as solely determined by the City, prior to the effective date of termination. Consultant agrees to cease all work under this Agreement on or before the effective date of any

notice of termination. All City data, documents, objects, materials or other tangible things shall be returned to City upon the termination or expiration of this Agreement.

22.2 If City terminates this Agreement due to no fault or failure of performance by Consultant, then Consultant shall be paid based on the work satisfactorily performed, as solely determined by the City, at the time of termination. In no event shall Consultant be entitled to receive more than the amount that would be paid to Consultant for the full performance of the services required by this Agreement.

23. ASSIGNMENT

Consultant shall not delegate, transfer, subcontract or assign its duties or rights hereunder, either in whole or in part, without City's prior written consent, and any attempt to do so shall be void and of no effect. City shall not be obligated or liable under this Agreement to any Party other than Consultant.

24. NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY

24.1 In the performance of this Agreement, Consultant shall not discriminate against any employee, subconsultant, or employment applicant because of race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation. Consultant will take affirmative action to ensure that subconsultants, employees, and employment applicants are treated without regard to their race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.2 Consultant will, in all solicitations or advertisements for employees placed by or on behalf of Consultant state either that it is an equal opportunity employer or that all qualified applicants will receive consideration for employment without regard to race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.3 Consultant will cause the foregoing provisions to be inserted in all subcontracts for any work covered by this Agreement except contracts or subcontracts for standard commercial supplies or raw materials.

25. WARRANTIES

25.1 Each Party has received independent legal advice from its attorneys with respect to the advisability of entering into and executing this Agreement, or been provided with an opportunity to receive independent legal advice and has freely and voluntarily waived and relinquished the right to do so. Each Party who has not obtained independent counsel acknowledges that the failure to have independent legal counsel will not excuse such Party's failure to perform under this Agreement.

25.2 In executing this Agreement, each Party has carefully read this Agreement, knows the contents thereof, and has relied solely on the statements expressly set forth herein and has placed no reliance whatsoever on any statement, representation, or promise of any other party, or any other person or entity, not expressly set forth herein, nor upon the failure of any other party or any other person or entity to make any statement, representation or disclosure of any matter whatsoever.

25.3 It is agreed that each Party has the full right and authority to enter into this Agreement, and that the person executing this Agreement on behalf of either Party has the full right and authority to fully commit and bind such Party to the provisions of this Agreement.

26. CAPTIONS

26.1 The captions appearing at the commencement of the sections hereof, and in any paragraph thereof, are descriptive only and for convenience in reference to this Agreement. Should there be any conflict between such heading, and the section or paragraph thereof at the head of which it appears, the section or paragraph thereof, as the case may be, and not such heading, shall control and govern in the construction of this Agreement.

26.2 Masculine or feminine pronouns shall be substituted for the neuter form and vice versa, and the plural shall be substituted for the singular form and vice versa, in any place or places herein in which the context requires such substitution(s).

27. NON-WAIVER

27.1 The waiver by City or Consultant of any breach of any term, covenant or condition herein contained shall not be deemed to be a waiver of such term, covenant or condition or of any subsequent breach of the same or any other term, covenant or condition herein contained. In no event shall the making by City of any payment to Consultant constitute or be construed as a waiver by City of any breach of covenant, or any default which may then exist on the part of Consultant, and the making of any such payment by City shall in no way impair or prejudice any right or remedy available to City with regard to such breach or default. No term, covenant or condition of this Agreement shall be deemed to have been waived by City or Consultant unless in writing.

27.2 Each right, power and remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise shall be cumulative and shall be in addition to every other right, power, or remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise. The exercise, the commencement of the exercise, or the forbearance of the exercise by any Party of any one or more of such rights, powers

or remedies shall not preclude the simultaneous or later exercise by such Party of any of all of such other rights, powers or remedies.

27.3 Consultant shall not be liable for any failure to perform if Consultant presents acceptable evidence, in City's sole judgment, that such failure was due to causes beyond the control and without the fault or negligence of Consultant.

28. COURT COSTS AND ATTORNEY FEES

In the event legal action shall be necessary to enforce any term, covenant or condition herein contained, the Party prevailing in such action, whether reduced to judgment or not, shall be entitled to its reasonable court costs, including accountants' fees and expert witness fees, if any, and attorneys' fees expended in such action. The venue for any litigation shall be Los Angeles County, California.

29. SEVERABILITY

If any term or provision of this Agreement or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable, then such term or provision shall be amended to, and solely to, the extent necessary to cure such invalidity or unenforceability, and in its amended form shall be enforceable. In such event, the remainder of this Agreement, or the application of such term or provision to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby, and each term and provision of this Agreement shall be valid and be enforced to the fullest extent permitted by law.

30. GOVERNING LAW

This Agreement shall be governed and construed in accordance with the laws of the State of California.

31. COUNTERPARTS

This Agreement may be signed in any one or more counterparts all of which taken together shall be but one and the same Agreement. Any signed copy of this Agreement or of any other document or agreement referred to herein, or copy or counterpart thereof, delivered by facsimile or email transmission, shall for all purposes be treated as if it were delivered containing an original manual signature of the Party whose signature appears in the facsimile or email and shall be binding upon such Party in the same manner as though an originally signed copy had been delivered.

32. ENTIRE AGREEMENT

All documents referenced as exhibits in this Agreement are hereby incorporated in this Agreement. In the event of any material discrepancy between the express provisions of this Agreement and the provisions of any document incorporated herein by reference, the provisions of this Agreement shall prevail. This instrument contains the entire Agreement between City and Consultant with respect to the transactions contemplated herein. No other prior oral or written agreements are binding upon the Parties. Amendments hereto or deviations herefrom shall be effective and binding only if made in writing and executed by City and Consultant.

TO EFFECTUATE THIS AGREEMENT, the Parties have caused their duly authorized representatives to execute this Agreement on the dates set forth below.

"CITY" CITY OF PICO RIVERA	"CONSULTANT" DIEGO'S AUTO REPAIR, INC.
_____ Steve Carmona, City Manager	_____ Meliton F. Cruz, Owner
Dated: _____	Dated: _____
ATTEST:	**APPROVED AS TO FORM:**
_____ Cynthia Ayala, City Clerk	_____ Arnold M. Alvarez-Glasman, City Attorney

EXHIBIT A
SCOPE OF SERVICES

1.0 GENERAL PROVISIONS

1.1 The successful Contractor must be able to perform general and preventative maintenance and common repair services on vehicles and equipment that include, but are not limited to, brakes, suspension, heat/air conditioning systems, electrical systems, engine, etc. The City prefers a Contractor that has the ability to perform all required services. Notwithstanding, the City may select more than one contractor to provide the services described herein. Furthermore, services may be rendered by sub-contractors only with City's prior written approval. However, Contractor will remain responsible for the performance of the following obligation, notwithstanding the contracting of a subcontractor: billing, reporting, scheduling, delivery, work, quality, warranty, and other contractual obligations.

1.2 The City reserves the right to award one or more contract(s) to provide the services described herein as deemed in the City's sole discretion to be most advantageous to the City.

1.3 The Contractor must have the ability to provide the required preventative maintenance and repair service listed in Section 1.4 herein for all fleet vehicles listed on Exhibit "C" attached hereto. Any exception including sub-contracting must be noted in the response.

1.4 Maintenance and Repair Services

A. Preventative Maintenance

The City's vehicles are routinely driven in short distance; frequent start/stop; and long idle periods. Exhibit "B" (Preventative Maintenance Service Requirements) attached hereto, outlines the services required due to the use conditions. The average annual usage is normally around 10,000 miles.

B. Yearly Maintenance and Inspections

Within six (6) months after the transition period and as defined by the City, the service provider shall perform preventive maintenance on every piece of equipment in the fleet and correct or identify any deficient vehicles or equipment. Deficient vehicles are those identified as not meeting the fleet standard.

C. Repairs and Maintenance

Provide service/repairs to all common mechanical and electrical systems as needed.

D. Non-Vehicular Equipment

Service Provider will maintain hourly miscellaneous equipment in compliance with the OEM specifications, as described herein or as otherwise necessary or directed.

E. Transport of Vehicles for Service

- Contractor is responsible for transport (pickup and delivery) of all vehicles for all preventative and scheduled services.
- For non-scheduled emergency service, courtesy transportation for customers to and from city facilities and other locations within city limits.
- The service provider shall provide emergency road service calls, including towing services for vehicles in the City's fleet. The service provider shall have people on-call to handle vehicle breakdowns expeditiously. The service provider shall tow any City-owned or leased vehicle requiring services regardless of distance and whether or not the cause is an authorized repair or another incident.

F. Accidents

Service Provider shall be responsible for processing accident repairs including appraisals, obtaining repair Bids, transportation of vehicle to/from repair site, repair quality and timeliness, and shall be responsible for administration, including the payment of invoices if repairs are outsourced. Service Provider shall obtain at least three (3) competitive Bids for each accident repair. Accident repairs shall not be included in the annual cost. Invoice packages for payment of outsourced repair services will include

proper documentation including the above plus the vendor's invoice and supplemental documents. All such tasks will be executed with the full knowledge and approval of the City Maintenance Superintendent.

G. Conditions on Required Services

- 24-hour turnaround on common repairs (including brakes, etc.) and routine maintenance without prior scheduling. When a prior appointment has been made for routine maintenance, the turn-around time should be four (4) hours.
- Provide adequate inventory on special parts to ensure minimum turn-around on non-common repairs.

H. Repair Order Content and Procedure

The Contractor shall provide repair orders for all services provided containing the following information:

- Repair estimates with anticipated work to be performed, estimated completion time, and estimated cost signed by the City staff upon pick-up/drop-off. A confirming copy with final cost shall be mailed to City upon completion, and a billing copy shall be sent to the City with the monthly statement.
- Actual work/cost above written estimate requires City approval prior to work start.
- Authorization of work by designated City staff is required for all repair orders.
- Individual vehicle charges shall be submitted on separate repair orders for each service visit. The repair order must include:
    - Date work performed
    - Vehicle #, license #, and make/model
    - Vehicle mileage at time of service/repair
    - Date in/date out/time completed
    - Detail type of service, hours, material used, and cost associated with each
    - Sub-contracted repair orders containing same information shall be attached to contractor repair order
    - Copies of all invoices related to the repair
- The Contractor guarantees and warrants that all material furnished and all services performed under said contract will be free from

defects in material and workmanship and will conform to the requirements of this contract for a period of 12 months or 12,000 miles, whichever occurs first. The Contractor shall remedy all such defects at Contractor's expense within one (1) working day after notification by the City.

- Warranty and sub-contracted repair orders need to be provided by the Contractor. Contractor is prime contractor; however, sub-contractors may be used by Contractor. Contractor assumes responsibility for work of sub-contractors. The charges for such services to the City shall be the amount of the sub-contractor's invoice for services performed, or the contract price, whichever is less.

I. Hours of Operation

The City has a number of services that are active on a 24/7 basis and desires the most comprehensive hour coverage possible. Please identify normal business hours and emergency business hours if available.

J. Safety Check

The Contractor shall perform a safety check in conjunction with all repair & maintenance requirements listed within this RFB. The following safety checks shall be performed every time a vehicle is brought in for service:

- Tires – Visually check condition.
- Lights – Check directional signaling devices and emergency light systems for proper operation.
- Windshield Wipers and Washers – Check condition of wiper arms and blades. Check aim and flow of washer spray. Fill washer reservoir with washer solvent.
- Fluid Levels – Check and replenish fluid levels in transmission, differential, steering sector or power steering pump, and master cylinder. Inspect all units for leakage and clogging.
- Battery – Check condition of heat-shield, hold-down clamps and cable ends, top off electrolyte level, and clean top and terminals as necessary.
- Heater-Defroster-Air Conditioner System and Wiper Controls – Check switches, valves, and ducting doors for proper operation.

- Exhaust System – Visually inspect complete exhaust system including catalytic converter and heat-shielding. Check for broken, damaged, missing, or poorly positioned parts. Inspect for open seams, holes, or any condition which could allow exhaust fumes to enter the vehicle.
- Steering and Suspension Components – Conduct a “look and shake” inspection.
- Frame/Sub-Frame and Cross Member – Visually check for “drive-over” and/or vehicular damage and fatiguing.
- Drive Shaft U-Joints / CV Joints – Conduct a “look and shake” inspection for seal leakage and joint failure.
- Critical Components – Check condition of all under-hood heat-shields, and the routing of all hoses and wiring to ensure maximum protection from radiated exhaust heat. Inspect all coolant hoses, fuel line hoses, power steering hoses, engine accessory drive belts, and other under-hood plastic or rubber components.
- Brakes – Inspect all brake line hoses and master cylinder for signs of leaks or damage. Inspect front brake pads, rear brake linings, wheels cylinders, and parking brake cables and linkage. Report estimate of remaining life of pads and shoes.
- Cooling System – Visually inspect entire system for leaks, damage or other signs of needed repair.

EXHIBIT B
APPROVED FEE SCHEDULE

3. BID SCHEDULE

	SERVICE RATE SHEDULE					
		Light CATEGORY A	*Medium* CATEGORY B	*Heavy* CATEGORY C	*Passenger* CATEGORY D	TOTAL
1	Preventative maintenance service (Exhibit "B") **Flat Rate including labor and materials**	$70	$105	$115	$70	$ 360
2	Annual Smog Check **Flat Rate including labor and certification**	$45	$45	$55	$45	$190
3	Vehicle Transport (pickup and delivery) for preventative and services	$0	$0	$0	$0	$0
4	**Brake Service –Front Wheels:** Replace pads, turn rotors and labor	$225	$250	$330	$225	$1030
5	**Brake Service –Front Wheels:** Replace pads, replace rotors and labor	$475	$880	$925	$475	$2755
6	**Brake Service –Front Wheels:** Replace pads, replace rotors and replace calipers and labor	$750	$1400	$1700	$750	$4600
7	**Brake Service –Front Wheels:** Replace pads	$180	$200	$270	$180	$830
8	**Brake Service-Rear Wheels:** Replace pads, turn rotors and labor	$250	$250	$330	$250	$1080
9	**Brake Service-Rear Wheels:** Replace pads, replace rotors and labor	$475	$700	$825	$475	$2475
10	**Brake Service-Rear Wheels:** Replace pads, replace rotors and replace calipers and labor	$750	$1100	$1600	$750	$4200
11	**Brake Service-Rear Wheels:** Replace pads	$180	$200	$270	$180	$830
	GRAND TOTAL	$18350				

HOURLY RATES AND MARK-UP ON PARTS AND MATERIALS

		Light CATEGORY A	*Medium* CATEGORY B	*Heavy* CATEGORY C	*Passenger* CATEGORY D	
1	Hourly Labor Rate	$90	$90	$120	$90	
2	Replacement Dealer Parts **Cost Plus %**	20%	20%	20%	20%	
3	Replacement Non-Dealer Parts **Cost Plus %**	20%	20%	20%	20%	

EXHIBIT C
TERMS FOR COMPLIANCE WITH CALIFORNIA LABOR LAW REQUIREMENTS

1. This Agreement calls for services that, in whole or in part, constitute "public works" as defined in Division 2, Part 7, Chapter 1 (commencing with Section 1720) of the California Labor Code ("Chapter 1"). Further, Consultant acknowledges that this Agreement is subject to (a) Chapter 1 and (b) the rules and regulations established by the Department of Industrial Relations ("DIR") implementing such statutes. Therefore, as to those Services that are "public works", Consultant shall comply with and be bound by all the terms, rules and regulations described in 1(a) and 1(b) as though set forth in full herein.

2. California law requires the inclusion of specific Labor Code provisions in certain contracts. The inclusion of such specific provisions below, whether or not required by California law, does not alter the meaning or scope of Section 1 above.

3. Consultant shall be registered with the Department of Industrial Relations in accordance with California Labor Code Section 1725.5, and has provided proof of registration to City prior to the Effective Date of this Agreement. Consultant shall not perform work with any subconsultant that is not registered with DIR pursuant to Section 1725.5. Consultant and subconsultants shall maintain their registration with the DIR in effect throughout the duration of this Agreement. If the Consultant or any subconsultant ceases to be registered with DIR at any time during the duration of the project, Consultant shall immediately notify City.

4. Pursuant to Labor Code Section 1771.4, Consultant's Services are subject to compliance monitoring and enforcement by DIR. Consultant shall post job site notices, as prescribed by DIR regulations.

5. Pursuant to Labor Code Section 1773.2, copies of the prevailing rate of per diem wages for each craft, classification, or type of worker needed to perform the Agreement are on file at City Hall and will be made available to any interested party on request. Consultant acknowledges receipt of a copy of the DIR determination of such prevailing rate of per diem wages, and Consultant shall post such rates at each job site covered by this Agreement.

6. Consultant shall comply with and be bound by the provisions of Labor Code Sections 1774 and 1775 concerning the payment of prevailing rates of wages to workers and the penalties for failure to pay prevailing wages. The Consultant shall, as a penalty to City, forfeit $200.00 for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the DIR for the work or craft in which the worker is employed for any public work done pursuant to this Agreement by Consultant or by any subconsultant.

7. Consultant shall comply with and be bound by the provisions of Labor Code Section 1776, which requires Consultant and each subconsultant to: keep accurate payroll records and verify such records in writing under penalty of perjury, as specified

in Section 1776; certify and make such payroll records available for inspection as provided by Section 1776; and inform City of the location of the records.

8. Consultant shall comply with and be bound by the provisions of Labor Code seq. concerning the employment of apprentices on public works projects. Consultant shall be responsible for compliance with these aforementioned Sections for all apprenticeable occupations. Prior to commencing work under this Agreement, Consultant shall provide City with a copy of the information submitted to any applicable apprenticeship program. Within 60 days after concluding work pursuant to this Agreement, Consultant and each of its subconsultants shall submit to City a verified statement of the journeyman and apprentice hours performed under this Agreement.

9. The Consultant shall not perform Work with any Subconsultant that has been debarred or suspended pursuant to California Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. The Consultant and Subconsultants shall not be debarred or suspended throughout the duration of this Contract pursuant to Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. If the Consultant or any subconsultant becomes debarred or suspended during the duration of the project, the Consultant shall immediately notify City.

10. Consultant acknowledges that eight hours labor constitutes a legal day's work. Consultant shall comply with and be bound by Labor Code Section 1810. Consultant shall comply with and be bound by the provisions of Labor Code Section 1813 concerning penalties for workers who work excess hours. The Consultant shall, as a penalty to City, forfeit $25.00 for each worker employed in the performance of this Agreement by the Consultant or by any subconsultant for each calendar day during which such worker is required or permitted to work more than eight hours in any one calendar day and 40 hours in any one calendar week in violation of the provisions of Division 2, Part 7, Chapter 1, Article 3 of the Labor Code. Pursuant to Labor Code section 1815, work performed by employees of Consultant in excess of eight hours per day, and 40 hours during any one week shall be permitted upon public work upon compensation for all hours worked in excess of eight hours per day at not less than one and one-half times the basic rate of pay.

11. California Labor Code Sections 1860 and 3700 provide that every employer will be required to secure the payment of compensation to its employees. In accordance with the provisions of California Labor Code Section 1861, Consultant hereby certifies as follows:

> "I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract."

12. For every subconsultant who will perform work on the project, Consultant shall be responsible for such subconsultant's compliance with Chapter 1 and Labor Code Sections 1860 and 3700, and Consultant shall include in the written contract between it and each subconsultant a copy of those statutory provisions and a requirement that each subconsultant shall comply with those statutory provisions. Consultant shall be required to take all actions necessary to enforce such contractual provisions and ensure subconsultant's compliance, including without limitation, conducting a periodic review of the certified payroll records of the subconsultant and upon becoming aware of the failure of the subconsultant to pay his or her workers the specified prevailing rate of wages. Consultant shall diligently take corrective action to halt or rectify any failure.

13. To the maximum extent permitted by law, Consultant shall indemnify, hold harmless and defend (at Consultant's expense with counsel reasonably acceptable to City) City, its officials, officers, employees, agents and independent consultants serving in the role of City officials, and volunteers from and against any demand or claim for damages, compensation, fines, penalties or other amounts arising out of or incidental to any acts or omissions listed above by any person or entity (including Consultant, its subconsultants, and each of their officials, officers, employees and agents) in connection with any work undertaken or in connection with the Agreement, including without limitation the payment of all consequential damages, attorneys' fees, and other related costs and expenses. All duties of Consultant under this Section shall survive the termination of the Agreement.

REQUEST FOR BIDS

FOR

VEHICLE AND EQUIPMENT REPAIR AND MAINTENANCE

www.pico-rivera.org

DISTRIBUTION/ADVERTISEMENT: MARCH 12, 2024
SUBMITTAL DEADLINE: APRIL 2, 2024

I. INTRODUCTION

This is a Request for Bids ("RFB") issued by the City of Pico Rivera ("City") seeking Bids from experienced and qualified automotive and equipment repair technicians ("Contractors") to provide as-needed vehicle and equipment maintenance services.

The intent of this RFB process is to select a Contractor and negotiate a contract for vehicle and equipment maintenance services.

By submitting a bid, the Contractors agree to all of the terms and conditions of this RFB and Contractual Services Agreement attached hereto as Exhibit "D" ("Services Agreement"). Contractors shall detail any exceptions to the RFB or the Services Agreement in their Bids. The City shall reserve the right to determine if the exception is reasonable. The City reserves the right to reject, during the negotiation process, any issues not identified in the RFB. The successful proposer will be required to enter into a Services Agreement which includes the requirements of this RFB as well as other requirements identified by the City at the time of negotiations.

Action	Date
Availability of RFB	March 12, 2024
Last Day to Questions	March 21, 2024 4:00 p.m.
Bid Submission Deadline	**April 2, 2024** **2:00 p.m.**
Anticipated Selection	April 2024
Anticipated Notice to Proceed	May 2024

II. SCOPE OF SERVICES

Perform general and preventative maintenance and repairs on vehicles and equipment that comprise the City fleet. Please see Exhibit "A" for a detailed Scope of Services.

III. CITY CONTACT

The City Contact, hereinafter referred to as "Contact", is the sole point of contact for this solicitation. All communication shall be in writing and submitted through the Planet Bids system: (https://pbsystem.planetbids.com/portal/41481/portal-home).

Contractors are not permitted to communicate with other City staff or officials about this RFB, except for during pre-bid meetings (if offered), demonstrations, and/or interviews, unless otherwise directed by the Contact.

Jose Gutierrez
Public Works Manager
9633 Beverly Road
Pico Rivera, CA 90660
Phone: (562) 801-4968
Email: jose.gutierrez@pico-rivera.org

Contractors interested in participating in this RFB should immediately monitor the project in the Planet Bids system: (https://pbsystem.planetbids.com/portal/41481/portal-home).

IV. CLARIFICATION AND INTERPRETATION

The words "must", "will" or "shall" in this RFB indicate mandatory requirements. Taking exception to any mandatory requirement may be grounds for rejection of the bid.

The City wants to avoid any misunderstanding where it is assumed that a feature is included in the bid and turns out to be an optional, extra cost feature. Any features that are optional, extra-cost items shall be clearly referenced as such in all Bids.

V. DEADLINE FOR SUBMITTING QUESTIONS

Any questions regarding the RFB must be submitted to the Planet Bids system: (https://pbsystem.planetbids.com/portal/41481/portal-home), no later than **March 21, 2024, 4:00 p.m.,** to allow a reply to reach all prospective Contractors before the submission due date. Inquiries received after this deadline will not receive a response.

VI. FORMAT AND SUBMISSION

All Contractors are required to submit their Bids on the Bid Forms attached as Attachment "1" hereto.

1. Complete and insert the Company Information.
2. Complete and insert the References information.
3. Complete and insert the Bid Schedule.

Any other pertinent information a Contractor wishes to provide may be added on additional pages after the Bid Forms.

The bid submission deadline is **April 2, 2024, at 2:00 pm. Faxed or e-mailed bids will not be accepted.** All bids must be submitted the Planet Bids system (https://pbsystem.planetbids.com/portal/41481/portal-home).

VII. SELECTION PROCESS

A. Responsive Contractor/ Responsible Contractor

Bids will be reviewed to ascertain that they comply with the RFB requirements. Contractors may be deemed non-responsive for failing to comply with the requirements.

B. AWARD PROCESS

Once the lowest responsible/responsive Contractor has been determined based on Grand Total, a Notification of Intent to Award, identifying the lowest responsible/responsive Contractor will be posted on the Planet Bids system (https://pbsystem.planetbids.com/portal/41481/portal-home).

C. COMMENCEMENT OF SERVICES

A Purchase Order will be issued once:

1. Council authority is granted, if applicable.
2. All agreements have been executed.
3. Insurance requirements have been met.
4. Verification of valid City of Pico Rivera Business License.

Commencement of services shall begin once the selected Contractor receives the Notice to Proceed.

VIII. Standard Terms & Conditions

In addition to the previous requirements, the Contractor shall, at minimum, perform or make provisions for the following general requirements:

A. **Addenda:** The City reserves the right to modify and issue addenda(s) to this RFB, which will be will be posted on the Planet Bids system (https://pbsystem.planetbids.com/portal/41481/portal-home). A signed copy of all addenda shall be uploaded to Planet Bids as part of the bid. Failure to include the addenda may result in a non-responsive submittal. Addenda shall become a part of this RFB and any Agreement, which may result from this solicitation.

B. **Additional Information:** Provide the City by uploading to Planet Bids, any additional information necessary to accurately determine Contractors ability to perform services, and/or provide products proposed. During selection process, the City may conduct any reasonable inquiry from any and all sources concerning the bid, including reference verification to determine the responsibility of the Contractor. Furthermore, submission of a bid constitutes permission by the Contractor for the City to verify all information contained therein. Failure to comply with any request for additional information may disqualify the Contractor from further consideration.

C. **Bid Commitment:** The bid shall be firm and binding for ninety (90) days after the submittal deadline. Submission of a bid shall constitute a commitment on the part of the Contractor to furnish the products/services set forth in this RFB.

D. **Bid Errors:** City is not responsible for errors or omissions on the part of Contractors in drafting their bids. In the event of a calculation error, the unit price shall prevail. The City is not responsible for any conclusions or interpretations made by the Contractor regarding information provided by the City.

E. **City Business License:** Obtain a City business license prior to engaging in any operation or activity as a result of an award of an Agreement. The license must be kept in full force and effect during the term of the Agreement.

F. **Contractual Obligation**: After the City selects a Contractor, the contents of the submitted bid will become a contractual obligation. The RFB and any addenda, Contractor's bid, and the Agreement constitute the entire Agreement between the Contractor and the City and shall incorporate the provisions thereof. Failure of the Contractor to agree to include all portions thereof as contractual Agreement may result in cancellation of the award.

G. **Disclaimer:** This RFB does not commit the City to continue with the procurement of the subject services/products nor to enter into an Agreement with any Contractor. The City makes no representation that any Agreement will be awarded. In the event of award, the City makes no guarantee to expend any agreement amount to its maximum. Award of an Agreement may require City Council authorization. Furthermore, the City may re-issue the RFB at any time for any reason at its sole discretion.

H. **Evidence of Insurance:** In the event an Agreement is awarded, Contractor shall provide evidence of insurance coverage by an admitted California insurer legally licensed and qualified to conduct business in the State of California in accordance with the provisions described herein, prior to the commencement of services. The required insurance coverage shall be maintained for the duration of the Agreement: General Liability insurance presently in effect with a combined single limit of not less than $1,000,000 per occurrence, and $2,000,000 aggregate; vehicle insurance (where applicable) is in effect with a minimum coverage of $1,000,000 per occurrence; and umbrella or excess liability in the amount of $5,000,000. The umbrella or excess insurance policy shall contain a clause stating that the umbrella or excess coverage takes effect when primary limits are impaired or exhausted.

The Certificate of Insurance shall provide:

a. That the insurer will not cancel the insured's coverage without thirty (30) days prior notice to the City;

b. That the City, and its employees, volunteers, officers, and agents of each of them, are included

as additionally insured, but only insofar as the operations under this contract are concerned;

c. That the City and its employees, officers, and agents of each of them will not be responsible for any premiums or assessments on the policy;

d. That the insurer has an AM Best rating of A: VII or equivalent.

Contractor agrees that the bodily injury liability insurance herein provided shall be in effect at all times during the term of this contract. In the event said insurance coverage expires at any time or times during the term of this contract, contractor agrees to provide at least thirty (30) days prior to said expiration date, a new certificate of insurance evidencing insurance coverage as provided herein for not less than the remainder of the term of the contract, or for a period of not less than one (1) year. New certificates of insurance are subject to approval and the contractor agrees that no work or services shall be performed prior to the giving of such approval. In the event contractor fails to keep in effect at all times insurance coverage as herein provided, the City may in addition to any other remedies it may have, terminate this contract upon the occurrence of such event.

Workers' Compensation insurance coverage as required by the State of California of $1,000,000 per occurrence.

I. **Late Bid:** Late bids will not be considered. It is the Contractor's responsibility to ensure that the bid and supporting documents are uploaded on Planet Bids on or before the specified time. The City will not be responsible for bids not properly uploaded on time, regardless of whatever technical issues that may arise.

J. **Payments and Invoicing:** Unless otherwise agreed, payment will not be made until services are delivered and accepted as specified. Invoices presented for payment must be submitted in accordance with instructions contained on the purchase order. In order to receive prompt payment, send invoices directly to: City of Pico Rivera, Attn: Accounts Payable, 6615 Passons Blvd., Pico Rivera, CA 90660. The City's standard payment terms are Net 30.

K. **Property of City:** All bids and materials submitted become the property of the City and may be used by the City in any way it deems appropriate. In addition, bids received will be subject to the California Public Records Act.

L. **Reservation of Rights:** The City expressly reserves the right to modify and/or suspend any and all aspects of the RFB, to obtain further information from any Contractor responding to this RFB, to waive any defect as to form or content of this RFB or any response thereto, to extend deadlines for accepting responses, to reject any and all responses to the RFB, and to choose the firm that best serves the City's interests, at its own discretion. Should all bids be rejected a written notification will be sent to all Contractors to this effect. The City also reserves the right to select another Contractor in the case that the original Contractor, for any reason, is unable to perform, or is dismissed from the project.

M. **Submission Cost:** The City will not be liable for any costs incurred in the preparation of bids or incidental to the preparation and presentation of qualifications orally or in writing. All costs for preparation, submission of bids, submission of additional information, delivery, and/or any other aspect of the RFB incurred by the Contractor are the sole responsibility of the Contractor.

ATTACHMENT 1
BID FORMS
RFB – Vehicle and Equipment Repair & Maintenance

1. Company Information

Contractors and their sub-contractors must have prior successful experience performing maintenance and repair services on automobiles and equipment, must be licensed to conduct business in the State of California, and must possess all permits, licenses, certifications, approvals, equipment, materials, and staff necessary to perform and/or carry out the requirements of the contract.

Name of Company: _____

Name of Owner: _____

Company Address: _____

_____

Phone Number: _____ Fax Number: _____

Website: _____

Number of years in business: _____ Number of years in business at this location: _____

Name of Shop Manager(s): _____

State the duties and qualifications of shop manager(s):

Assigned Contact/Service Representative: _____

Title/Duties: _____

Qualifications: _____

Years with Company: _____ Phone Number: _____

Emergency Contact (365 days/year; 24 hours/day): _____

Operating Hours – The Contractor shall be currently operating out of a commercial facility, which is open and accessible to City personnel without prior notice during normal business hours. Please state normal operating hours:

Monday	_____ a.m. / p.m.	to	_____ a.m. / p.m.
Tuesday	_____ a.m. / p.m.	to	_____ a.m. / p.m.
Wednesday	_____ a.m. / p.m.	to	_____ a.m. / p.m.
Thursday	_____ a.m. / p.m.	to	_____ a.m. / p.m.
Friday	_____ a.m. / p.m.	to	_____ a.m. / p.m.
Saturday	_____ a.m. / p.m.	to	_____ a.m. / p.m.
Sunday	_____ a.m. / p.m.	to	_____ a.m. / p.m.

Please provide an experience/qualifications profile for each member of your technical staff to include the following information. Attach additional sheets if needed.

Name	Job Title / Years of Experience	Years with Contractor	ASE Certification Series and Level

Given the size and composition of your current staff, will it be necessary for you to increase staff to meet the requirements of this contract? Explain.

Please describe your hiring and continued education/training requirements for mechanics.

Have you, your company, or any officer or partner thereof, ever failed to complete a vehicle maintenance services contract?

If yes, give details, including dates: (use another sheet of paper, if necessary)

Has your company ever been assessed damages or penalties for failing to perform vehicle maintenance services in a satisfactory manner or for failing to complete a contract within the scope of work specified in the Request for Bids?

If yes, give details: (use another sheet of paper, if necessary)

Does your company have any ongoing investigations by an agency regarding violations of the State Labor Code, California Business and Professional Code, or other laws?

If yes, give details: (use another sheet of paper, if necessary)

Does your company have any outstanding judgments, demands or liens resulting from violations of the State Labor Code, California Business and Professional Code, or other laws?

If yes, give details: (use another sheet of paper, if necessary)

Has your company been cited for violations of OSHA Standards and Requirements within the past five (5) years?

If yes, give details: (use another sheet of paper, if necessary)

ATTACHMENT 1
BID FORMS
RFB – Vehicle and Equipment Repair & Maintenance

2. REFERENCES

Please provide three commercial client references, their size of fleet by vehicle type, years of contract relation, type and frequency of the service provided. Please identify the contact person and phone number for each. Use additional sheets if necessary.

Company Name: _____

Address: _____

_____

Phone Number: _____ E-mail: _____

Contact Person: _____

Fleet Size/Type: _____

Years of Contract: _____ Frequency of Service: _____

Company Name: _____

Address: _____

_____

Phone Number: _____ E-mail:_____

Contact Person: _____

Fleet Size/Type: _____

Years of Contract: _____ Frequency of Service: _____

Company Name: _____

Address: _____

_____

Phone Number: _____ E-mail:_____

Contact Person: _____

Fleet Size/Type: _____

Years of Contract: _____ Frequency of Service: _____

ATTACHMENT 1
BID FORMS
RFB – Vehicle and Equipment Repair & Maintenance

3. BID SCHEDULE

Cost per Vehicle per Service (including all labor, materials, equipment, fees, taxes, incidentals, and overhead necessary to perform the work described in EXHIBIT B of this document). These services will be provided based on the City's assessment of their need.

	SERVICE RATE SCHEDULE					
		Light CATEGORY A	*Medium* CATEGORY B	*Heavy* CATEGORY C	*Passenger* CATEGORY D	TOTAL
1	Preventative maintenance service (Exhibit "B") **Flat Rate including labor and materials**	$	$	$	$	$
2	Annual Smog Check **Flat Rate including labor and certification**	$	$	$	$	$
3	Vehicle Transport (pickup and delivery) for preventative and scheduled services	$	$	$	$	$
4	**Brake Service –Front Wheels:** Replace pads, turn rotors and labor	$	$	$	$	$
5	**Brake Service –Front Wheels:** Replace pads, replace rotors and labor	$	$	$	$	$
6	**Brake Service –Front Wheels:** Replace pads, replace rotors and replace calipers and labor	$	$	$	$	$
7	**Brake Service –Front Wheels:** Replace pads	$	$	$	$	$
8	**Brake Service-Rear Wheels:** Replace pads, turn rotors and labor	$	$	$	$	$
9	**Brake Service-Rear Wheels:** Replace pads, replace rotors and labor	$	$	$	$	$
10	**Brake Service-Rear Wheels:** Replace pads, replace rotors and replace calipers and labor	$	$	$	$	$
11	**Brake Service-Rear Wheels:** Replace pads	$	$	$	$	$
	GRAND TOTAL	$				

HOURLY RATES AND MARK-UP ON PARTS AND MATERIALS

		Light CATEGORY A	*Medium* CATEGORY B	*Heavy* CATEGORY C	*Passenger* CATEGORY D	
1	Hourly Labor Rate	$	$	$	$	
2	Replacement Dealer Parts **Cost Plus %**	%	%	%	%	
3	Replacement Non-Dealer Parts **Cost Plus %**	%	%	%	%	

** All quotes for maintenance services should include the cost of both labor and materials.*

By submitting a Bid, Contractor agrees that they have read and understand the RFB in its entirety, including, without limitation, the scope and nature of the work, all appendices, attachments, exhibits, schedules, and addenda, as applicable. Should the Contractor have any objections to the RFB, they must be clearly stated below, specifically referencing the particular section number, paragraph, and page number of the objection. However, making an objection does not relieve the Contractor from complying with the requirements of the RFB.

Person from your company who is authorized to submit the bid package:

Signature: _____Date:_____

Printed Name and Title: _____

E-Mail:_____

Phone: _____

EXHIBIT A
SCOPE OF SERVICES
RFB – Vehicle and Equipment Repair & Maintenance

1.0 GENERAL PROVISIONS

1.1 The successful Contractor must be able to perform general and preventative maintenance and common repair services on vehicles and equipment that include, but are not limited to, brakes, suspension, heat/air conditioning systems, electrical systems, engine, etc. The City prefers a Contractor that has the ability to perform all required services. Notwithstanding, the City may select more than one contractor to provide the services described herein. Furthermore, services may be rendered by sub-contractors only with City's prior written approval. However, Contractor will remain responsible for the performance of the following obligation, notwithstanding the contracting of a subcontractor: billing, reporting, scheduling, delivery, work, quality, warranty, and other contractual obligations.

1.2 The City reserves the right to award one or more contract(s) to provide the services described herein as deemed in the City's sole discretion to be most advantageous to the City.

1.3 The Contractor must have the ability to provide the required preventative maintenance and repair service listed in Section 1.4 herein for all fleet vehicles listed on Exhibit "C" attached hereto. Any exception including sub-contracting must be noted in the response.

1.4 Maintenance and Repair Services

A. Preventative Maintenance

The City's vehicles are routinely driven in short distance; frequent start/stop; and long idle periods. Exhibit "B" (Preventative Maintenance Service Requirements) attached hereto, outlines the services required due to the use conditions. The average annual usage is normally around 10,000 miles.

B. Yearly Maintenance and Inspections

Within six (6) months after the transition period and as defined by the City, the service provider shall perform preventive maintenance on every piece of equipment in the fleet and correct or identify any deficient vehicles or equipment. Deficient vehicles are those identified as not meeting the fleet standard.

C. Repairs and Maintenance

Provide service/repairs to all common mechanical and electrical systems as needed.

D. Non-Vehicular Equipment

Service Provider will maintain hourly miscellaneous equipment in compliance with the OEM specifications, as described herein or as otherwise necessary or directed.

E. Transport of Vehicles for Service

- Contractor is responsible for transport (pickup and delivery) of all vehicles for all preventative and scheduled services.
- For non-scheduled emergency service, courtesy transportation for customers to and from city facilities and other locations within city limits.

- The service provider shall provide emergency road service calls, including towing services for vehicles in the City's fleet. The service provider shall have people on-call to handle vehicle breakdowns expeditiously. The service provider shall tow any City-owned or leased vehicle requiring services regardless of distance and whether or not the cause is an authorized repair or another incident.

F. Accidents

Service Provider shall be responsible for processing accident repairs including appraisals, obtaining repair Bids, transportation of vehicle to/from repair site, repair quality and timeliness, and shall be responsible for administration, including the payment of invoices if repairs are outsourced. Service Provider shall obtain at least three (3) competitive Bids for each accident repair. Accident repairs shall not be included in the annual cost. Invoice packages for payment of outsourced repair services will include proper documentation including the above plus the vendor's invoice and supplemental documents. All such tasks will be executed with the full knowledge and approval of the City Maintenance Superintendent.

G. Conditions on Required Services

- 24-hour turnaround on common repairs (including brakes, etc.) and routine maintenance without prior scheduling. When a prior appointment has been made for routine maintenance, the turn-around time should be four (4) hours.
- Provide adequate inventory on special parts to ensure minimum turn-around on non-common repairs.

H. Repair Order Content and Procedure

The Contractor shall provide repair orders for all services provided containing the following information:

- Repair estimates with anticipated work to be performed, estimated completion time, and estimated cost signed by the City staff upon pick-up/drop-off. A confirming copy with final cost shall be mailed to City upon completion, and a billing copy shall be sent to the City with the monthly statement.
- Actual work/cost above written estimate requires City approval prior to work start.
- Authorization of work by designated City staff is required for all repair orders.
- Individual vehicle charges shall be submitted on separate repair orders for each service visit. The repair order must include:
    - Date work performed
    - Vehicle #, license #, and make/model
    - Vehicle mileage at time of service/repair
    - Date in/date out/time completed
    - Detail type of service, hours, material used, and cost associated with each
    - Sub-contracted repair orders containing same information shall be attached to contractor repair order
    - Copies of all invoices related to the repair
- The Contractor guarantees and warrants that all material furnished and all services performed under said contract will be free from defects in material and workmanship and will conform to the requirements of this contract for a period of 12 months or 12,000 miles, whichever occurs first. The Contractor shall remedy all

such defects at Contractor's expense within one (1) working day after notification by the City.

- Warranty and sub-contracted repair orders need to be provided by the Contractor. Contractor is prime contractor; however, sub-contractors may be used by Contractor. Contractor assumes responsibility for work of sub-contractors. The charges for such services to the City shall be the amount of the sub-contractor's invoice for services performed, or the contract price, whichever is less.

I. Hours of Operation

The City has a number of services that are active on a 24/7 basis and desires the most comprehensive hour coverage possible. Please identify normal business hours and emergency business hours if available.

J. Safety Check

The Contractor shall perform a safety check in conjunction with all repair & maintenance requirements listed within this RFB. The following safety checks shall be performed every time a vehicle is brought in for service:

- Tires – Visually check condition.
- Lights – Check directional signaling devices and emergency light systems for proper operation.
- Windshield Wipers and Washers – Check condition of wiper arms and blades. Check aim and flow of washer spray. Fill washer reservoir with washer solvent.
- Fluid Levels – Check and replenish fluid levels in transmission, differential, steering sector or power steering pump, and master cylinder. Inspect all units for leakage and clogging.
- Battery – Check condition of heat-shield, hold-down clamps and cable ends, top off electrolyte level, and clean top and terminals as necessary.
- Heater-Defroster-Air Conditioner System and Wiper Controls – Check switches, valves, and ducting doors for proper operation.
- Exhaust System – Visually inspect complete exhaust system including catalytic converter and heat-shielding. Check for broken, damaged, missing, or poorly positioned parts. Inspect for open seams, holes, or any condition which could allow exhaust fumes to enter the vehicle.
- Steering and Suspension Components – Conduct a "look and shake" inspection.
- Frame/Sub-Frame and Cross Member – Visually check for "drive-over" and/or vehicular damage and fatiguing.
- Drive Shaft U-Joints / CV Joints – Conduct a "look and shake" inspection for seal leakage and joint failure.
- Critical Components – Check condition of all under-hood heat-shields, and the routing of all hoses and wiring to ensure maximum protection from radiated exhaust heat. Inspect all coolant hoses, fuel line hoses, power steering hoses, engine accessory drive belts, and other under-hood plastic or rubber components.
- Brakes – Inspect all brake line hoses and master cylinder for signs of leaks or damage. Inspect front brake pads, rear brake linings, wheels cylinders, and parking brake cables and linkage. Report estimate of remaining life of pads and shoes.
- Cooling System – Visually inspect entire system for leaks, damage or other signs of needed repair.

EXHIBIT B
PREVENTATIVE MAINTENANCE SERVICE REQUIREMENTS
RFB – Vehicle and Equipment Repair & Maintenance

All services listed below are to be performed per standard manufacturer recommended frequency as one package service. Cost is to be quoted as one flat rate for all services including labor and materials.

1. Change engine oil
2. Change engine oil filter
3. Check air filter condition
4. Check belts and belt tensioner
5. Check battery electrolyte level; add water as needed; clean and tighten terminals
6. Check brake fluid level
7. Check drive train fluid levels (Transmission, transfer case, differential)
8. Check engine compartment fluid levels; add as needed
9. Check engine cooling system, hoses and clamps
10. Check exhaust system
11. Check front and rear shocks for wear and/or leakage
12. Check exterior and interior lights and other electrical items for correct operation
13. Check power steering fluid level
14. Rotate tires and check tire pressure and condition
15. Check windshield wiper operation, blade condition, washer solvent level; fill as needed
16. Lubricate chassis
17. Lubricate steering linkage
18. Check front brake pads, rotors, calipers; check rear brake shoes, drums, wheel cylinders and brake hoses
19. Check parking brake operation
20. Lubricate door latches, locks and hinges
21. Replace fuel filter
22. For diesel engines, check and drain fuel/water separator
23. Check all seat belts

EXHIBIT C
LIST OF CITY VEHICLES
RFB – Vehicle and Equipment & Maintenance

	CATEGORY A *Light Truck*	VEHICLE NO.	YEAR	MAKE	MODEL
1	Light Truck	284	2017	Ford	F-150
2	Light Truck	286	2017	Ford	F-150
3	Light Truck	287	2017	Ford	F-150
4	Light Truck	291	2016	Ford	F-150
5	Light Truck (Crew Cab)	203	2001	Ford	F-250
6	Light Truck	222	2023	Ford	F150 XL
7	Light Truck	254	2008	Ford	F-250
8	Light Truck	400	2022	Ford	F250
9	Light Truck	402	2023	Ford	F150 XL
10	Light Truck	403	2023	Ford	F250
11	Light Truck	404	2023	Ford	F250
12	Light Truck	406	2023	Ford	F250
13	Light Truck	407	2023	Ford	F250
14	Light Truck	200	2001	GMC	SIERRA 2500
15	Light Truck	201	2014	Ford	F-150
16	Light Truck	251	2018	Ford	F-150
17	Light Truck	292	2008	Chevrolet	Silverado 1500
18	Light Truck	405	2023	Ford	F250
19	Light Truck	408	2023	Ford	F250
20	Light Truck	252	2018	Ford	F-150
21	Light Truck	131	2019	Chevrolet	Colorado
22	Light Truck	132	2019	Chevrolet	Colorado
23	Light Truck	253	2018	FORD	F-150

	CATEGORY B *Medium Truck*	VEHICLE NO.	YEAR	MAKE	MODEL
24	Medium Truck	294	2017	Ford	F-350
25	Medium Truck	300	2021	Ford	F-350
26	Medium Truck	500	2022	Ford	F-350
27	Medium Truck	501	2022	Ford	F-350
28	Medium Truck	215	2000	Ford	F350
29	Utility Truck	285	2002	Chevrolet	Silverado 2500
30	Medium Truck	208	2019	Ford	F-350
31	Medium Truck	209	2019	Ford	F-350
32	Medium Truck	246	2006	Chevrolet	C3500
33	Medium Truck	249	2019	Ford	F-350

34	Medium Truck	250	2001	GMC	C3500
35	Medium Truck	261	2002	GMC	C3500

	CATEGORY C *Medium Truck*	VEHICLE NO.	YEAR	MAKE	MODEL
36	Heavy Truck	283	2017	Ford	F-550
37	Heavy Truck	290	2016	Ford	F-650
38	Heavy Truck	298	2022	Ford	F-550
39	Dump Truck	223	2019	Ford	F550
40	Heavy Truck	224	2019	Ford	F-550
41	Heavy Truck	273	2015	Ford	F-650
42	Heavy Truck (Bucket)	288	2017	Ford	F-550
43	Heavy Truck	401	2022	Ford	F550
44	Step Van	259	1998	Chevrolet	Step Van
45	Step Vam	262	1998	Chevrolet	Step Van
46	Van	271	2004	Ford	E-350 Service Van
47	Shuttle Bus	356	2022	FORD	TRANSIT
48	Shuttle Bus	357	2022	FORD	TRANSIT
49	Shuttle Bus	358	2022	FORD	TRANSIT

	CATEGORY D *Passenger Vehicle*	VEHICLE NO.	YEAR	MAKE	MODEL
50	Private Passenger	109	2007	Chevrolet	Cobalt
51	Passenger	117	2019	Toyota	Prius
52	Cargo Van	217	2019	Ford	Transit High Roof
53	Cargo Van	220	2019	Ford	Transit High Roof
54	Passenger	103	2014	TOYOTA	PRIUS C
55	Passenger	113	2019	Toyota	Prius L Eco Hybrid
56	Passenger	114	2014	Toyota	PRIUS C
57	Passenger	124	2008	Chevrolet	Cobalt
58	Compact SUV	130	2019	Ford	Escape
59	Compact SUV	125	2024	Toyota	RAV4
60	Compact SUV	126	2024	Toyota	RAV4
61	Compact SUV	127	2024	Toyota	RAV4
62	Passenger	112	2014	Toyota	Prius C
63	Van	118	2019	Ford	Van
64	Van	119	2019	Ford	Van
65	Van	120	2019	Ford	Van

EXHIBIT D
SAMPLE AGREEMENT
RFB – Vehicle and Equipment & Maintenance

PROFESSIONAL SERVICES AGREEMENT
BETWEEN THE CITY OF PICO RIVERA AND
[INSERT NAME]

1. IDENTIFICATION

THIS PROFESSIONAL SERVICES AGREEMENT ("Agreement") is entered into by and between the City of Pico Rivera, a California municipal corporation ("City") and **[INSERT NAME]** ("Consultant"). City and Consultant are sometimes hereinafter individually referred to as a "Party" and collectively referred to as "Parties."

2. RECITALS

2.1 City has determined that it requires professional services from a consultant to **provide Vehicle and Equipment Maintenance Services**.

2.2 Consultant represents that it is fully qualified to perform such professional services by virtue of its experience and the training, education and expertise of its principals and employees. Consultant further represents that it is willing to accept responsibility for performing such services in accordance with the terms and conditions set forth in this Agreement.

NOW, THEREFORE, for and in consideration of the performance by the Parties of the mutual covenants and conditions herein contained, the Parties hereto agree as follows:

3. DEFINITIONS

3.1 "Scope of Services": Such professional services as are set forth in the Consultant's **[INSERT BID DATE]** bid to City attached hereto as **Exhibit** "**A"** and incorporated herein by this reference.

3.2 "Approved Fee Schedule": Such compensation rates as are set forth in the Consultant's **[INSERT BID DATE]** bid to City attached hereto as **Exhibit** "**B".**

3.3 "Commencement Date": [INSERT DATE]

3.4 "Expiration Date": [INSERT DATE]

4. TERM

The term of this Agreement shall commence at 12:00 a.m. on the Commencement Date and shall expire at 11:59 p.m. on the Expiration Date unless extended by written agreement of the Parties or terminated in accordance with Section 22 below.

5. CONSULTANT'S SERVICES

5.1 Consultant shall perform the services identified in the Scope of Services. City shall have the right to request, in writing, changes in the Scope of Services. Any such changes mutually agreed upon by the Parties, and any corresponding increase or decrease in compensation, shall be incorporated by written amendment to this Agreement. In no event shall the total compensation and costs payable to Consultant under this Agreement exceed the sum of **[INSERT NOT TO EXCEED AMOUNT]** unless specifically approved in advance, in writing, by City.

5.2 Consultant shall perform all work to the highest professional standards of Consultant's profession and in a manner reasonably satisfactory to City.

6. COMPENSATION

6.1 City agrees to compensate Consultant for the services provided under this Agreement, and Consultant agrees to accept in full satisfaction for such services, payment in accordance with the Approved Fee Schedule.

6.2 Consultant shall submit to City an invoice, on a monthly basis or less frequently, for the services performed pursuant to this Agreement. Each invoice shall itemize the services rendered during the billing period and the amount due. Within ten (10) business days of receipt of each invoice, City shall notify Consultant in writing of any disputed amounts included on the invoice. Within thirty (30) calendar days of receipt of each invoice, City shall pay all undisputed amounts included on the invoice. City shall not withhold applicable taxes or other authorized deductions from payments made to Consultant.

6.3 Payments for any services requested in writing by City and not included in the Scope of Services shall be made to Consultant by City on a time-and-materials basis using Consultant's standard fee schedule. Fees for such additional services shall be paid within sixty (60) days of the date Consultant issues an invoice to City for such services.

7. BUSINESS LICENSE

Consultant shall obtain a City business license prior to commencing performance under this Agreement.

8. COMPLIANCE WITH LAWS

Consultant shall keep informed of State, Federal and Local laws, ordinances, codes and regulations that in any manner affect those employed by it or in any way affect the performance of its services pursuant to this Agreement. The Consultant shall at all times comply with such laws, ordinances, codes and regulations. Without limiting the generality of the foregoing, if Consultant is an out-of-state corporation or LLC, it must be qualified or registered to do business in the State of California pursuant to sections 2105 and 17451 of the California Corporations Code. The City, its officers and employees shall not be liable at law or in equity occasioned by failure of Consultant to comply with this Section.

9. CONFLICT OF INTEREST

Consultant covenants that it presently has no interest and shall not acquire any interest, direct or indirect, which may be affected by the services to be performed by Consultant under this Agreement, or which would conflict in any manner with the performance of its services hereunder. During the term of this Agreement, Consultant shall not perform any work for another person or entity for whom Consultant was not working at the Commencement Date if both: (i) such work would require Consultant to abstain from a decision under this Agreement pursuant to a conflict of interest statute; and (ii) City has not consented in writing prior to Consultant's performance of such work.

10. PERSONNEL

Consultant represents that it has, or will secure at its own expense, all personnel required to perform the services identified in the Scope of Services. All such services shall be performed by Consultant or under its supervision, and all personnel engaged in the work shall be qualified to perform such services. Consultant reserves the right to determine the assignment of its own employees to the performance of Consultant's services under this Agreement, but City reserves the right, for good cause, to require Consultant to exclude any employee from performing services on City's premises. **[INSERT NAME OF CONTACT]** shall be Consultant's project administrator and shall have direct responsibility for management of Consultant's performance under this Agreement. No change shall be made in Consultant's project administrator without City's prior written consent.

11. OWNERSHIP OF WRITTEN PRODUCTS

All reports, documents or other written material ("written products") developed by Consultant in the performance of this Agreement shall be and remain the property of City without restriction or limitation upon its use or dissemination by City. Consultant may take and retain copies of such written products as desired, but no such written products shall be the subject of a copyright application by Consultant.

12. INDEPENDENT CONTRACTOR

12.1 Consultant is, and shall at all times remain as to City, a wholly independent contractor. Consultant shall have no power to incur any debt, obligation, or liability on behalf of City or otherwise to act on behalf of City as an agent. Neither City nor any of its officers, employees or agents shall have control over the conduct of Consultant or any of Consultant's employees, except as set forth in this Agreement. Consultant shall not at any time represent that it is, or that any of its agents or employees are, in any manner employees of City.

12.2 The Parties further acknowledge and agree that nothing in this Agreement shall create or be construed to create a partnership, joint venture, employment relationship or any other relationship except as set forth in this Agreement.

12.3 City shall not deduct from the Compensation paid to Consultant any sums required for Social Security, withholding taxes, FICA, state disability insurance or any other federal, state or local tax or charge which may or may not be in effect or hereinafter enacted or required as a charge or withholding on the compensation paid to Consultant. City shall have no responsibility to provide Consultant, its employees or subcontractors with workers' compensation insurance or any other insurance.

13. CONFIDENTIALITY

All data, documents, discussion, or other information developed or received by Consultant or provided for performance of this Agreement are deemed confidential and shall not be disclosed by Consultant without prior written consent by City. City shall grant such consent if disclosure is legally required. Upon request, all City data and any copies thereof shall be returned to City upon the termination or expiration of this Agreement.

14 NON-LIABILITY OF CITY OFFICIALS AND EMPLOYEES

No official or employee of the City shall be personally liable to Consultant in the event of any default or breach by City, or for any amount which may become due to Consultant.

15. INDEMNIFICATION

15.1 The Parties agree that City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers should, to the extent permitted by law, be fully protected from any loss, injury, damage, claim, lawsuit, cost, expense, attorneys' fees, litigation costs, or any other cost arising out of or in any way related to the performance of this Agreement. Accordingly, the provisions of this indemnity provision are intended by the Parties to be interpreted and construed to provide the fullest protection possible under the law to City. Consultant acknowledges that City would not enter into this Agreement in the absence of Consultant's commitment to indemnify and protect City as set forth herein.

15.2 To the full extent permitted by law, Consultant shall indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant or any of its officers, employees, servants, agents, or subcontractors in the performance of this

Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice.

15.3 City shall have the right to offset against the amount of any compensation due Consultant under this Agreement any amount due City from Consultant as a result of Consultant's failure to pay City promptly any indemnification arising under this Section 15 and related to Consultant's failure to either (i) pay taxes on amounts received pursuant to this Agreement or (ii) comply with applicable workers' compensation laws.

15.4 The obligations of Consultant under this Section 15 will not be limited by the provisions of any workers' compensation act or similar act. Consultant expressly waives its statutory immunity under such statutes or laws as to City, its officers, agents, employees and volunteers.

15.5 Consultant agrees to obtain executed indemnity agreements with provisions identical to those set forth here in this Section 15 from each and every subcontractor or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. In the event Consultant fails to obtain such indemnity obligations from others as required herein, Consultant agrees to be fully responsible and indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant's subcontractors or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice.

15.6 City does not, and shall not, waive any rights that it may possess against Consultant because of the acceptance by City, or the deposit with City, of any insurance policy or certificate required pursuant to this Agreement. This hold harmless and indemnification provision shall apply regardless of whether or not any insurance policies are determined to be applicable to the claim, demand, damage, liability, loss, cost or expense.

15.7 **PERS ELIGIBILITY INDEMNITY.** In the event that Consultant or any employee, agent, or subcontractor of Consultant providing services under this Agreement claims or is determined by a court of competent jurisdiction or the California Public Employees Retirement System (PERS) to be eligible for enrollment in PERS as an employee of the City, Consultant shall indemnify, defend, and hold harmless City for the payment of any employee and/or employer contributions for PERS benefits on behalf of Consultant or its employees, agents, or subcontractors, as well as for the payment of any penalties and interest on such contributions, which would otherwise be the responsibility of City.

Notwithstanding any other agency, state or federal policy, rule, regulation, law or ordinance to the contrary, Consultant and any of its employees, agents, and subcontractors providing service under this Agreement shall not qualify for or become entitled to, and hereby agree to waive any claims to, any compensation, benefit, or any incident of employment by City, including but not limited to eligibility to enroll in PERS as an employee of City and entitlement to any contribution to be paid by City for employer contribution and/or employee contributions for PERS benefits.

16. INSURANCE

16.1 During the term of this Agreement, Consultant shall carry, maintain, and keep in full force and effect insurance against claims for death or injuries to persons or damages to property that may arise from or in connection with Consultant's performance of this Agreement. Such insurance shall be of the types and in the amounts as set forth below:

16.1.1 Comprehensive general liability, and Umbrella or Excess Liability Insurance covering all operations by or on behalf of Consultant providing insurance for bodily injury liability and property damage liability for the following and including coverage for:

16.1.1.1 Premises, operations, and mobile equipment;
16.1.1.2 Products and completed operations;
16.1.1.3 Broad form property damage (including completed operations);
16.1.1.4 Explosion, collapse, and underground hazards;
16.1.1.5 Personal injury; and
16.1.16 Contractual liability,

in the amount of One Million Dollars ($1,000,000) per occurrence combined single limit; Two Million Dollars ($2,000,000) aggregate for products/completed operation; Two Million Dollars ($2,000,000) general aggregate (General aggregate must apply separately to Contractor's work under this Agreement.); and Ten Million Dollars ($10,000,000) umbrella or excess liability.

16.1.2 Automobile liability for owned, hired and non-owned vehicles utilized by Consultant, its employees or subcontractors, in the amount of One Million Dollars ($1,000,000) per accident for bodily injury and property damage.

16.1.3 Worker's Compensation Insurance as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than One Million Dollars $1,000,000 per accident for bodily injury or disease.

16.1.4 Professional Liability insurance against errors and omissions in the performance of the work under this Agreement with coverage limits of not less than One Million Dollars ($1,000,000)/ Two Million Dollars ($2,000,000) in the aggregate.

16.2 Consultant shall require each of its subcontractors, if any, to maintain insurance coverage that meets all of the requirements of this Agreement.

16.3 The policy or policies required by this Agreement shall be issued by an insurer admitted in the State of California and with a rating of at least A:VII in the latest edition of Best's Insurance Guide.

16.4 Consultant agrees that if it does not keep the aforesaid insurance in full force and effect City may either: (i) immediately terminate this Agreement; or (ii) take out the necessary insurance and pay, at Consultant's expense, the premium thereon.

16.5 At all times during the term of this Agreement, Consultant shall maintain on file with City's Risk Manager a certificate or certificates of insurance showing that the aforesaid policies are in effect in the required amounts and, for the general liability and automobile liability policies, naming the City as an additional insured. Consultant shall, prior to commencement of work under this Agreement, file with City's Risk Manager such certificate(s).

16.6 Consultant shall provide proof that policies of insurance required herein expiring during the term of this Agreement have been renewed or replaced with other policies providing at least the same coverage. Consultant shall provide such proof to City at least two weeks prior to the expiration of the coverages.

16.7 The general liability and automobile policies of insurance required by this Agreement shall contain an endorsement naming City, its officers, employees, agents and volunteers as additional insureds. All of the policies required under this Agreement shall contain an endorsement providing that the policies cannot be canceled or reduced except on thirty days' prior written notice to City. Consultant agrees to require its insurer to modify the certificates of insurance to delete any exculpatory wording stating that failure of the insurer to mail written notice of cancellation imposes no obligation, and to delete the word "endeavor" with regard to any notice provisions.

16.8 The general liability and automobile policies of insurance provided by Consultant shall be primary to any coverage available to City. Any insurance or self-insurance maintained by City, its officers, employees, agents or volunteers, shall be in excess of Consultant's insurance and shall not contribute with it.

16.9 All insurance coverage provided pursuant to this Agreement shall not prohibit Consultant, and Consultant's employees, agents or subcontractors, from waiving the right of subrogation prior to a loss. Consultant hereby waives all rights of subrogation against the City.

16.10 Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of City, Consultant shall either reduce or eliminate the deductibles or self-insured retentions with respect to City, or Consultant shall procure a bond guaranteeing payment of losses and expenses.

16.11 Procurement of insurance by Consultant shall not be construed as a limitation of Consultant's liability or as full performance of Consultant's duties to indemnify, hold harmless and defend under Section 15 of this Agreement.

16.12 If Consultant maintains broader coverage and/or higher limits than the minimums shown above, the City requires and shall be entitled to the broader coverage and/or the higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

17. MUTUAL COOPERATION

17.1 City shall provide Consultant with all pertinent data, documents and other requested information as is reasonably available for the proper performance of Consultant's services under this Agreement.

17.2 In the event any claim or action is brought against City relating to Consultant's performance in connection with this Agreement, Consultant shall render any reasonable assistance that City may require.

18. RECORDS AND INSPECTIONS

Consultant shall maintain full and accurate records with respect to all matters covered under this Agreement for a period of three years after the expiration or termination of this Agreement. City shall have the right to access and examine such records, without charge, during normal business hours. City shall further have the right to audit such records, to make transcripts therefrom and to inspect all program data, documents, proceedings, and activities.

19. PERMITS AND APPROVALS

Consultant shall obtain, at its sole cost and expense, all permits and regulatory approvals necessary in the performance of this Agreement. This includes, but shall not be limited to, encroachment permits and building and safety permits and inspections.

20. NOTICES

Any notices, bills, invoices, or reports required by this Agreement shall be deemed received on: (i) the day of delivery if delivered by hand, facsimile or overnight courier service during Consultant's and City's regular business hours; or (ii) on the third business day following deposit in the United States mail if delivered by mail, postage prepaid, to the addresses listed below (or to such other addresses as the Parties may, from time to time, designate in writing).

If to City:

City Manager
City of Pico Rivera
PO Box 1016

If to Consultant:

[INSERT NAME]
[INSERT ADDRESS]

6615 Passons Blvd.
Pico Rivera, California 90660-1016
Facsimile: (562) 801-4765

With a courtesy copy to:

Arnold M. Alvarez-Glasman, City Attorney
13181 Crossroads Parkway North
Suite 400 - West Tower
City of Industry, CA 91746
Facsimile: (562) 692-2244

21. SURVIVING COVENANTS

The Parties agree that the covenants contained in Sections 13, 15 and Paragraph 17.2 of Section 17, of this Agreement shall survive the expiration or termination of this Agreement.

22. TERMINATION

22.1. City shall have the right to terminate this Agreement for any reason on five (5) calendar days' written notice to Consultant. Consultant shall have the right to terminate this Agreement for any reason on sixty (60) calendar days' written notice to City. The effective date of termination shall be upon the date specified in the notice of termination. Consultant agrees that in the event of such termination, City's obligation to pay Consultant shall be limited to payment only for those services satisfactorily rendered, as solely determined by the City, prior to the effective date of termination. Consultant agrees to cease all work under this Agreement on or before the effective date of any notice of termination. All City data, documents, objects, materials or other tangible things shall be returned to City upon the termination or expiration of this Agreement.

22.2 If City terminates this Agreement due to no fault or failure of performance by Consultant, then Consultant shall be paid based on the work satisfactorily performed, as solely determined by the City, at the time of termination. In no event shall Consultant be entitled to receive more than the amount that would be paid to Consultant for the full performance of the services required by this Agreement.

23. ASSIGNMENT

Consultant shall not delegate, transfer, subcontract or assign its duties or rights hereunder, either in whole or in part, without City's prior written consent, and any attempt to do so shall be void and of no effect. City shall not be obligated or liable under this Agreement to any Party other than Consultant.

24. NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY

24.1 In the performance of this Agreement, Consultant shall not discriminate against any employee, subcontractor, or applicant for employment because of race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation. Consultant will take affirmative action to ensure that subcontractors, employees, and employment applicants are treated without regard to their race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.2 Consultant will, in all solicitations or advertisements for employees placed by or on behalf of Consultant state either that it is an equal opportunity employer or that all qualified applicants will receive consideration for employment without regard to race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.3 Consultant will cause the foregoing provisions to be inserted in all subcontracts for any work covered by this Agreement except contracts or subcontracts for standard commercial supplies or raw materials.

25. WARRANTIES

25.1 Each party has received independent legal advice from its attorneys with respect to the advisability of entering into and executing this Agreement, or been provided with an opportunity to receive independent legal advice and has freely and voluntarily waived and relinquished the right to do so. Each party who has not obtained independent counsel acknowledges that the failure to have independent legal counsel will not excuse such party's failure to perform under this Agreement.

25.2 In executing this Agreement, each party has carefully read this Agreement, knows the contents thereof, and has relied solely on the statements expressly set forth herein and has placed no reliance whatsoever on any statement, representation, or promise of any other party, or any other person or entity, not expressly set forth herein, nor upon the failure of any other party or any other person or entity to make any statement, representation or disclosure of any matter whatsoever.

25.3 It is agreed that each party has the full right and authority to enter into this Agreement, and that the person executing this Agreement on behalf of either party has the full right and authority to fully commit and bind such party to the provisions of this Agreement.

26. CAPTIONS

The captions appearing at the commencement of the sections hereof, and in any paragraph thereof, are descriptive only and for convenience in reference to this Agreement. Should there be any conflict between such heading, and the section or paragraph thereof at the head of which it appears, the section or paragraph thereof, as the case may be, and not such heading, shall control and govern in the construction of this Agreement. Masculine or feminine pronouns shall be substituted for the neuter form and vice versa, and the plural shall be substituted for the singular form and vice versa, in any place or places herein in which the context requires such substitution(s).

27. NON-WAIVER

27.1 The waiver by City or Consultant of any breach of any term, covenant or condition herein contained shall not be deemed to be a waiver of such term, covenant or condition or of any subsequent breach of the same or any other term, covenant or condition herein contained. In no event shall the making by City of any payment to Consultant constitute or be construed as a waiver by City of any breach of covenant, or any default which may then exist on the part of Consultant, and the making of any such payment by City shall in no way impair or prejudice any right or remedy available to City with regard to such breach or default. No term, covenant or condition of this Agreement shall be deemed to have been waived by City or Consultant unless in writing.

27.2 Consultant shall not be liable for any failure to perform if Consultant presents acceptable evidence, in City's sole judgment, that such failure was due to causes beyond the control and without the fault or negligence of Consultant.

28. COURT COSTS

Each right, power and remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise shall be cumulative and shall be in addition to every other right, power, or remedy

provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise. The exercise, the commencement of the exercise, or the forbearance of the exercise by any Party of any one or more of such rights, powers or remedies shall not preclude the simultaneous or later exercise by such Party of any of all of such other rights, powers or remedies. In the event legal action shall be necessary to enforce any term, covenant or condition herein contained, the Party prevailing in such action, whether reduced to judgment or not, shall be entitled to its reasonable court costs, including accountants' fees, if any, and attorneys' fees expended in such action. The venue for any litigation shall be Los Angeles County, California.

29. SEVERABILITY

If any term or provision of this Agreement or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable, then such term or provision shall be amended to, and solely to, the extent necessary to cure such invalidity or unenforceability, and in its amended form shall be enforceable. In such event, the remainder of this Agreement, or the application of such term or provision to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby, and each term and provision of this Agreement shall be valid and be enforced to the fullest extent permitted by law.

30. GOVERNING LAW

This Agreement shall be governed and construed in accordance with the laws of the State of California.

31. COUNTERPARTS

This Agreement may be signed in any one or more counterparts all of which taken together shall be but one and the same Agreement. Any signed copy of this Agreement or of any other document or agreement referred to herein, or copy or counterpart thereof, delivered by facsimile transmission, shall for all purposes be treated as if it were delivered containing an original manual signature of the party whose signature appears in the facsimile and shall be binding upon such party in the same manner as though an originally signed copy had been delivered.

32. ENTIRE AGREEMENT

All documents referenced as exhibits in this Agreement are hereby incorporated in this Agreement. In the event of any material discrepancy between the express provisions of this Agreement and the provisions of any document incorporated herein by reference, the provisions of this Agreement shall prevail. This instrument contains the entire Agreement between City and Consultant with respect to the transactions contemplated herein. No other prior oral or written agreements are binding upon the Parties. Amendments hereto or deviations herefrom shall be effective and binding only if made in writing and executed by City and Consultant.

TO EFFECTUATE THIS AGREEMENT, the Parties have caused their duly authorized representatives to execute this Agreement on the dates set forth below.

"CITY"	**"CONSULTANT"**
CITY OF PICO RIVERA	**[INSERT NAME]**

_____	_____
Erik Lutz, Mayor	[NAME, TITLE]
Dated: _____	Dated: _____
ATTEST:	**APPROVED AS TO FORM:**
_____	_____
Anna M. Jerome, City Clerk	Arnold M. Alvarez-Glasman, City Attorney

CITY COUNCIL AGENDA REPORT

To: Mayor and City Council

From: City Manager

Meeting Date: April 23, 2024

Subject: APPROVE AMENDMENT NO. 4 TO AGREEMENT NO. 18-1825 WITH MARIPOSA LANDSCAPES INC. FOR LANDSCAPE MAINTENANCE SERVICES

Recommendation:

1. Approve an Amendment No. 4 to Agreement No. 18-1825 with Mariposa Landscapes, Inc. pursuant to the exemptions provided in section 3.20.030 of the Pico Rivera Municipal Code, for an annual amount of $348,240 and a not-to- exceed amount of $696,500 ($29,020 per month for a term of two (2) years);
2. Authorize the City Manager or designee to process change orders in an amount not-to-exceed 10% of the total amendment, as needed, up to $69,650 for contingency purposes;
3. Find the approval of Amendment No. 4 to Agreement No. 18-1825, to be pursuant to Pico Rivera Municipal Code Section 3.20.030 (B), in order to modify agreement compensation, scope of work, and extend the term for Landscape Maintenance Services with Mariposa Landscapes, Inc.; and
4. Authorize the City Manager to execute the amendment in a form approved by the City Attorney.

Fiscal Impact:

The fiscal year (FY) 2023-24 Adopted Budget includes an available amount of $58,100 for landscape maintenance services within Account No. 100.40.4032-54500 (Contracted Services) and Account No. 100.40.4030-54645 (Median Island Maintenance). No additional appropriations are necessary at this time. The approximate $348,240 annual cost for the landscape maintenance services will be appropriately budgeted for in subsequent years.

Discussion:

The Public Works Department, Field Operations Division, is responsible for landscape maintenance services for all parks, public facilities, parkways, parkettes, and raised center median islands. Landscape maintenance services include inspection, maintenance, and repair of landscape and irrigation systems.

Mariposa Landscapes Inc. (Mariposa), the current vendor, has provided services since 2018 and has invaluable knowledge of the landscape areas throughout the City. Mariposa has also provided work on some center median renovations, which included an overhaul of the irrigation system, plant material and hardscape installation, and other beautification improvements. Mariposa has demonstrated quality services and developed a great professional relationship with City staff.

Amendment No. 4 (Enclosure 1) to the Contractual Services Agreement No. 18-1825 for Landscape Maintenance Services with Mariposa Landscapes, Inc. qualifies under Section 3.20.030 (B) of the Pico Rivera Municipal Code (PRMC) in that, "[the city may dispense with the bidding requirements if it (the City Council) finds that the supplies, services, or equipment are unique…and available only from one source, *or, if available from more than one source, can be purchased from the…service provider for lower price." (emphasis added). This Amendment will result in a price reduction for expanded service levels.*

It is recommended that the City Council makes the finding set forth above as required by PRMC Section 3.20.030 (B) and approve Amendment No. 4 to the Contractual Services Agreement No. 18-1825 for Landscape Maintenance Services with Mariposa Landscapes, Inc.

Conclusion:

Staff recommend that the City Council approve Amendment No. 4 resulting in an extension for a two-year period (expiring June 30, 2026) to the Contractual Services Agreement with Mariposa Landscapes, Inc. for landscape maintenance services for an annual amount not-to-exceed $348,240, and authorize the City Manager to approve change orders, as needed, in an amount not-to-exceed $69,650 (approximately 10% of the total amendment amount) for contingency purposes and make the finding set forth as required by Pico Rivera Municipal Code Section 3.20.030B.

Steve Carmona

SC:NN:ML:np

Enclosure: 1) Amendment No. 4 to Agreement No. 18-1825

AMENDMENT NO. 4
TO THE CONTRACTUAL SERVICES AGREEMENT NO. 18-1825 FOR
LANDSCAPE MAINTENANCE SERVICES WITH MARIPOSA LANDSCAPES, INC.

THIS AMENDMENT NO. 4 TO THE CONTRACTUAL SERVICES AGREEMENT NO. 18-1825 FOR LANDSCAPE MAINTENANCE SERVICES WITH MARIPOSA LANDSCAPES, INC. ("Amendment No. 4"), effective as of the date specified in paragraph 4 hereof, is made and entered into by and between the CITY OF PICO RIVERA ("CITY"), and Mariposa Landscapes, Inc., ("CONTRACTOR").

RECITALS

A. CITY and CONTRACTOR (collectively referred to as the "Parties") have previously executed that certain *Contractual Services Agreement for Agreement No. 18-1825* dated September 28, 2018, as amended by the *Amendment No. 1 to the Contractual Services Agreement,* dated October 12, 2021, *Amendment No. 2 to the Contractual Services Agreement,* dated September 22, 2022, and *Amendment No. 3 to the Contractual Services Agreement,* dated September 27, 2023, (collectively "Agreement") relating to landscape maintenance services in the City of Pico Rivera.

B. The Parties desire to amend said Agreement as set forth herein, pursuant to Sections 3, 5 and 25 of the Agreement.

NOW, THEREFORE, THE PARTIES AGREE THAT THE AGREEMENT SHALL BE AMENDED AS FOLLOWS:

1. TERM

Section 3. Term of the Agreement is hereby replaced in its entirety with the following:

"This Agreement shall commence on October 1, 2018. The term of this Agreement shall expire on June 30, 2026 unless sooner terminated or extended as herein provided. The term of this Agreement may only be extended by a written amendment to this Agreement, signed by both Parties."

2. MODIFICATION OF CONSULTANT'S COMPENSATION.

As compensation for the Scope of Services associated with the extension of the Term and those included in Exhibit A, the Contract Sum under Section 2(a) of the Agreement shall be hereby increased by an amount not to exceed Six Hundred Ninety-Six Thousand Five Hundred Dollars ($696,500.00).

3. EFFECT OF AMENDMENTS.

Except as modified herein, either expressly or by necessary implication, the terms

and provisions of the Agreement between the CITY and CONTRACTOR shall remain in full force and effect.

4. EFFECTIVE DATE.

Unless otherwise specified herein, this Amendment No. 4 shall become effective as of the date set forth below on which the last of the parties, whether CITY or CONTRACTOR, executes this Amendment No. 4.

IN WITNESS WHEREOF, the parties hereto have caused this Amendment No. 4 to be executed and attested by their respective officers hereunto duly authorized.

"CITY" CITY OF PICO RIVERA	"CONTRACTOR" MARIPOSA LANDSCAPES, INC.
_____ Steve Carmona, City Manager	_____ Terry Noriega, President
Dated: _____	Dated: _____
ATTEST:	APPROVED AS TO FORM
_____ Cynthia Ayala, City Clerk	_____ Arnold M. Alvarez-Glasman, City Attorney

EXHIBIT A

SCOPE OF SERVICES

1.0 GENERAL CONDITIONS

1.1 The Contractor shall provide landscape maintenance services at thirty-four (34) locations citywide, including City Parks, Facilities, parkways, and raised center medians as listed in Attachment 3 Bid Form of the RFB. Contractor hereby acknowledges that before submitting the Bid for this Contract, Contractor has visited all existing areas to be maintained, verified the approximate size of the areas, noted for each park, and medians the proposed work, and informed themselves fully as to all conditions that might affect the work specified. Contractor shall not be relieved of liability under this Agreement, nor the City held liable, for any loss sustained by the Contractor, as a result of any variance between conditions referred to in this RFB and the actual conditions revealed during the examination of the locations of the proposed work.

1.2 Contractor shall furnish all labor, tools, materials, and equipment, except where otherwise specified, to provide landscape maintenance services as set forth in this Agreement.

1.3 The work shall be done in a thorough and workmanlike manner to the satisfaction of the Contact, or his authorized agent, and comply with all legal construction and landscape maintenance practices. The work areas shall be maintained at the level of service provided for in this Scope of Services at all times. If Contractor fails to meet the requirements of this Scope of Services, Contractor shall re-perform the work until this Scope's requirements are met, and such re- performance shall be at no cost to the City.

1.4 Contractor shall have the duty to provide landscape maintenance of all Parks and raised center medians (parkways, facilities, and roadway slopes) according to each site schedule including, but not limited to, the following:

a) Prune, shape and trim shrubs, vines and ground cover plants.

b) Control weeds.

c) Mow and edge turf grass and blow hardscape clean.

d) Perform general area clean-up, including the removal of leaves, trash, dog feces and other debris at designated locations.

e) Maintain all work sites in safe, attractive and usable conditions.

f) Empty trash cans and remove litter at designated locations as listed in Attachment 3 Bid Form.

g) Inspect, maintain, and repair all irrigation systems monthly. (Park irrigation systems may have mainlines up to 8 inches in diameter).

1.5 Contractor shall perform a maintenance inspection, during daylight hours, of all areas.

1.6 Contractor shall complete and submit a monthly Site Inspection form and keep a monthly Site Inspection form and keep a monthly complaint log.

1.7 Contractor shall be available twenty-four (24) hours a day, seven (7) days a week to respond to all emergencies within two (2) hours of notification. (Emergencies that involve routine maintenance work included in these General Conditions shall not be compensated)

1.8 Turf Grass Care

a) Contractor shall mow all turf grass with adequately sharpened reel or rotary type mowers as to provide a smooth and even cut without tearing of the grass blades.
b) The blade adjustment shall provide a uniform, level cut without ridges, depressions, or scalping.
c) All warm season turf grasses (Bermuda, St. Augustine) shall be cut at a (1) one inch height throughout the year.
d) Cool season turf grasses (Fescue, Bluegrass, Ryegrass) shall be cut at a two and one-half (2 ½) inch height throughout the year.
e) Turf grass mowing heights may be adjusted by the Contact during periods of turf grass renovations.
f) All turf clippings shall be picked up and removed to a legal dumping site prior to vacating the work site after each mowing.
g) Care shall be exercised to avoid depressions in the established grade from mowing when the soil is saturated.
h) Contractor shall submit, in writing, a mowing schedule within ten (10) days after the start of the maintenance. This mowing schedule will be approved by the Contact.
i) All areas shall be mowed once every week.
j) Any alterations of the approved mowing schedule shall be submitted in writing to the Contact for approval prior to implementation.

1.9 Turf Grass Edging and Trimming

a) Turf grass edging and trimming shall be performed once every week.
b) Edging of turf grass shall be performed with a power edger containing a steel blade.
c) All turf grass adjacent to sidewalks, curbs, mowing strips, shrub beds, and where no improved surface exists, shall be edged in a neat uniform line.

d) Trimming of turf grass shall be performed along walls, and around valve boxes, water meter boxes, backflow devices, trees, shrubs, or any structure located within the turf grass area.
e) In areas where there is a mow curb, a six (6) inch barren strip shall be provided, and maintained, between turf grass and adjacent ground cover. Edging of turf grass and ground cover shall provide uniform delineation adjacent to this barren strip.
f) Trimming of plant / turf material may be required around sprinklers to provide maximum irrigation coverage.
g) All clippings and trimmings shall be removed from the work site the same day work is preformed and prior to a Contractor vacating the work site.
h) After mowing and edging is completed, all adjacent walkways and gutters shall be swept clean.
i) The mowing and edging of turf grass in a designated worksite with the timeframe indicated on the contract schedule will be considered on complete cycle.
j) All trimming and clippings shall be disposed of at the corresponding park waste bin sites or the City Yard. The City pays for disposal of trimming and clippings.
k) Where there is a pathway or sidewalk, all vegetation/landscaping and trees must be trimmed to provide a minimum of 8 feet (8') vertical clearance above the sidewalk/pathway at each location.

1.10 Weed Control

a) For the purpose of these specifications, a weed will be considered as “any undesirable or misplaced plant.”
b) All areas within the specified maintenance area, including but not limited to turf, grass, shrub and ground cover areas, planters, tree wells, drainage areas, parkways, slopes, raised center medians and hardscape area shall be kept free of weeds at all times.
c) Weed removal shall consist of complete removal of all weeds, including top growth and roots, as the weeds appear.
d) Weed control shall be performed on a scheduled basis.
e) Weeds shall be controlled either by hand, mechanical or chemical methods; however, the Contact may restrict the use of chemical weed control in certain areas.

1.11 Shrub Care

a) All shrubs growing in the work area shall be pruned 4 times annually to encourage healthy growth habits. Contractor will remove dead or damaged branches, to maintain natural shape.
b) Shrubs shall be pruned with sharp pruning tools **and no weed eaters**.
c) Shrubs shall be continually pruned, as necessary, to prevent encroachment of passageways, walks, streets, and views of signs. Shrubs shall be tapered to provide irrigation coverage and an aesthetically pleasing landscape.

d) All pruning cuts shall be one-quarter (1/4) inch above a node (bud). No projections or stubs shall be allowed to remain.
e) Contractor shall remove all clippings the same day shrubbery is pruned and prior to vacating the work site.
f) Pruning shall be done to maintain a well-groomed, laced-out appearance, and encourage air movement through the shrub.
g) Shearing or severe pruning shall not be permitted without prior written permission from the Contact.

1.12 Irrigation of Shrubs
a) All shrubs shall be adequately irrigated to maintain a healthy and attractive appearance.
b) Irrigation run-off and overspray shall be minimized.

1.13 Shrub Replacement
a) All damaged, diseased (untreatable) or dead shrubs shall be replaced with the exact same species of plant and size of plant will be determined by the Contact or his authorized agent. Contractor shall be responsible for the complete removal and replacement of shrubs lost due to the Contractor's faulty maintenance or negligence, as determined by the Contact.
b) Substitutions for any plant materials must have prior written approval by the Contact or Park Supervisor.
c) Original plans and specifications shall be consulted to determine correct identification of species.
d) All shrubs shall be guaranteed to live and remain in a healthy condition for no less than six
(6) months from the date of installation, inspection and verification by the Contact.
e) Trimming of ground cover may be required around sprinklers to provide maximum irrigation coverage
f) All clippings and trimmings shall be removed from the work site the same day work is performed and prior to the Contractor vacating the work site.
g) After edging or trimming, the Contractor will sweep clean all adjacent sidewalks or gutters.

1.14 Ground Cover Irrigation
a) All ground cover areas shall be adequately irrigated to maintain a healthy and attractive appearance.
b) Irrigation run-off and overspray shall be minimized.

1.15 Empty Trash Cans / Litter Pick Up Services at Designated Locations
a) Trash/Litter shall mean any debris within the park facility grounds area such as paper ½ inch or larger, cans, bottles, broken glass, limbs 8" inches or smaller in diameter, rocks, cigarette butts, etc., which is not intended to be present as part of the landscape, inclusive of entire project area including parking lots, sidewalks, walkways, curbs,

hillsides, ditches, bleacher areas, playgrounds, basketball courts, dugouts.

b) Remove all trash, liter and accumulated debris from the work site. Trash removal will be for the location scheduled for the day's work.
c) Pick up all areas including areas around bleachers, snack bars, ball fields, soccer fields, playgrounds, skate parks, restrooms and generally all areas of the facilities. Remove all trash, litter, and empty all trashcans.
d) Trash should be taken and deposited in dumpsters located at the park sites. With park or city locations with no dumpsters, trash must be hauled off to an approved site. Trash in trashcans throughout parks must be emptied. If cans are overflowing contractors shall empty debris into dumpsters (this includes debris on the ground and in the can). If trash and debris is dumped next to dumpsters and enclosures, contractor shall try to put into the dumpster, if there is no room, it shall be hauled off the site.

1.16 Natural Areas

a) All natural areas shall be maintained in an existing state except for the following items which shall be performed on a weekly basis, at no additional cost to the City:
b) Remove all trash and debris, or other items to an approved site.
c) Remove and/or repair any dead or broken branches or safety hazards within two (2) hours of identification or notification.

1.17 Park Facilities Maintenance Items

a) Inspect, maintain and repair all irrigation systems. (Park irrigation systems may have mainlines up to 8 inches in diameter)
b) Contractor shall perform a weekly maintenance inspection, during daylight hours, of all areas. Such inspection shall be both visual and operational. It shall include, but not be limited to, the operations of all irrigation and/or other mechanical systems to check for proper condition and reliability.
c) Irrigation shall be done by the use of automatic sprinkler system where available and operable. However, failure of the existing irrigation system to provide full and proper coverage shall not relieve the Contractor of the responsibility to provide adequate irrigation with full and proper coverage to all areas in the works site.
d) All areas receiving marginal coverage shall be irrigated by a portable irrigation method. The Contractor shall furnish all hoses, nozzles, sprinklers, etc., necessary to accomplish this supplemental irrigation.
e) Care shall be exercised to prevent a waste of water, erosion, and/or detrimental seepage into existing underground improvements or structures.
f) Water supplied by the City for irrigation may be Recycled Water, indicated by purple color- coded sprinklers, valves, valve boxes, tags

and signs. Contractor understands that Recycled water is not attended for human contact or consumption.

g) Contractor accepts full responsibility for educating and monitoring its employees regarding safety issues related to the presence and use of Recycled Water.

1.18 Raised Center medians and parkways Maintenance Items

a) Inspect, maintain and repair all irrigation systems. (Raised center medians irrigations systems may have main lines 4-6 inches in diameter).
b) Contractor shall perform a weekly maintenance inspection, during daylight hours, of all areas. Such an inspection shall be both visual and operational. It shall include but not be limited to, the operations of all irrigation and / other mechanical systems to check for proper condition and reliability.
c) Irrigation shall be done by the use of automatic sprinkler system where available and operable. However, failure of the existing irrigation system to provide full and proper coverage shall not relieve the Contractor of the responsibility to provide adequate irrigation with full and proper coverage to all areas in the work site.
d) All areas receiving marginal coverage shall be irrigated by a portable irrigation method. The Contractor shall furnish all hoses, nozzles, sprinklers, etc., necessary to accomplish this supplemental irrigation.
e) Care should be exercised to prevent a waste of water, erosion, and/or detrimental seepage into existing underground improvements or structures.
f) Water supplied by the City for irrigation may be Recycled Water, indicated by purple color- coded sprinklers, bubblers, valves , valve boxes, tags and signs. Contractor understands that Recycled Water is not intended for human contact or consumption.
g) Contractor accepts full responsibility for educating and monitoring its employees regarding safety issues related to the presence and use of Recycled water.
h) Remove all litter from landscaped and hardscaped areas.
i) All landscape and hardscaped areas shall be free from weeds.
j) Hardscaped areas shall be cleaned once per year by method of steam/ pressure cleaning.

1.19 Irrigation Maintenance and Repairs

a) Contractor shall initially inspect and familiarize themselves with the entire irrigation system at all work sites and identify all needed repairs.
b) Required repairs shall be submitted to the Contact in a written statement within two (2) weeks after the start date of the maintenance contract.
c) If a written statement which document required repairs is not received

by the Contact within the stated time-frame, the entire system shall be interpreted as fully operational, and deemed acceptable by the Contractor.

d) City shall review and verify all submitted repairs from the initial inspection. Repairs may be completed by the following methods:
    - Authorize the Contractor to make appropriate repairs at the expense of the City.
    - Use City forces to make required repairs.
    - Use a third-party to make required repairs.
e) Contractor shall inspect the operation of the irrigation system weekly for any malfunctions.
f) In addition to regular weekly testing, all irrigation systems shall be tested and inspected as necessary when damage is suspected, observed or reported.
g) All system malfunctions, damage and obstructions shall be recorded, reported to the Contact, and corrective action taken.
h) Contractor shall maintain the irrigation systems in such a way as to:
    - Guarantee proper coverage and full working capability
    - Make whatever adjustments may be necessary to prevent overspray or excessive runoff into street right-of-ways or other areas not meant to be irrigated
i) The Contractor shall provide all labor and materials at no additional cost to the City. All parts and supplies provided under this contract must be new. Additional compensation will be provided only for the cost of parts for extraordinary repairs.
j) Contractor shall repair or replace inoperable irrigation equipment to maintain a fully operational system. Including but not limited to, pressure pipes from the water meter to the control valves, all irrigation pipes, all manual and automatic valves, pumps used for the irrigation systems, backflows devices, filters, strainers, pressure regulators, sprinkler heads, irrigation clamps and stakes, anti-drain valves, emitters, drippers, valve boxes, controllers, valve markers, batteries, fittings and risers.
k) Maintenance includes, but not limited, tightening of loose fittings and packing nuts; flushing sprinkler heads, pipes nozzles, valves, filters , strainers, and backflow devices; adjusting sprinkler heads, anti-drain valves and pressure regulators, adjusting and lubricating controllers; and cleaning drip emitters.
l) Irrigation repairs shall be made within the following time limits:
    - Mainline irrigation leaks shall be repaired within (2) hours of identification or notification.
    - All other irrigation repairs shall be made within one (1) day of identification or notification.
    - Failure to complete irrigation repairs in the timeframes listed above will result in the Contact utilizing City forces, or an alternate source, to correct the deficiency and deduct from the Contractor’s payment the total cost.
m) Replacement of irrigation components shall be with originally installed

materials of the same size and quality and provided by the Contractor. Substitutions must be approved by the Contact in writing prior to installation.

2.0 CONTRACTOR STAFF AND UNIFORMS AND IDENTIFICATION BADGES

2.1 The Contractor shall ensure that their employees are appropriately identified. Contractor shall furnish sufficient supervisory and working personnel capable of promptly accomplishing the schedule, to the satisfaction of the Contact, all work required under this Contract during the prescribed hours.

2.2 The Contractor shall ensure that every on-duty employee wears a visible photo identification badge identifying the following: employee name, physical description, and Contractor's name. Such badge shall be displayed on employee's person at all times when he/she is on City designated property.

2.3 Employees assigned to City facilities shall wear an appropriate uniform shirt at all times. The uniform shirt must display the Contractor's name. Contractor shall have competent supervisors, who may be working supervisors, on the job at all times work is being performed who are capable to communicate effectively both with the community and city staff. Adequate and competent supervision shall be provided for all work done by the contractor's employees to ensure accomplishment of high quality work which will be acceptable to the Contact.

2.4 Contractor, and their employees, shall conduct themselves in a proper and professional manner at all times and shall cause the least possible annoyance to the public. The Contact may require a contractor to remove from the work site any employee(s) deemed careless, incompetent, or otherwise objectionable, whose continues employment on the job is considered to be contrary to the best interest of the City of Pico Rivera.

2.5 Prevailing Wage, it shall be the responsibility of the Contractor to comply, when applicable, with the prevailing wage legislation in effect in the jurisdiction of Pico Rivera. It shall further be the responsibility of the Contractor to monitor the prevailing wage rates as established by appropriate department of labor for any increase in rates during the term of this contract and adjust wage rates accordingly.

3.0 MATERIALS AND EQUIPMENT

3.1 The Contractor is responsible for purchasing all materials and equipment to provide the needed services of the City facilities.

3.2 The Contractor shall use equipment that is commercial grade, safe for the environment, and safe for use by the employee.

3.3 The Contractor is required to keep all equipment used to maintain the City facilities in a safe and operable manner. All equipment shall be checked daily for safety.

3.4 Contractor shall display a sign indicating Contractor's name and license number on both sides of all maintenance vehicles. The City shall approve all signs.

3.5 City will not provide any storage facilities for the Contractor for materials and equipment.
3.6 City will pay for the maintenance related water and electrical utilities.
3.7 Contractor will keep blades on mowers and trimmers sharp and in safe condition.

4.0 CONTACT INFORMATION

4.1 The Contractor is required to maintain an office and provide the telephone services so that all calls from the City have no toll charge. If a telephone answering service is utilized, the answering service shall be capable of contacting Contractor by radio or cell phone. Contractor is further required to provide the City with a 24-hour emergency number for contact outside normal working hours. In response to a call from the City, Contractor shall respond within 2 hours.

5.0 SAFETY

5.1 The Contractor agrees to perform all work outlined in this Scope of Work in such a manner as to meet all accepted standards for safe practices during maintenance operations and to safely maintain and operate all equipment, machines, and materials consequential or related to the work; and is solely responsible for complying at all times with all local, County, State, Federal, or other legal requirements including, but not limited to, California Department of Food and Agriculture, O.S.H.A. Orders, Department of Transportation Drug and Alcohol testing provisions, Caltrans Traffic Control Manuals, and MUTCD Traffic Control Handbook, so as to protect all persons, including Contractor's employees, agents of the City, vendors, members of the public, and others from foreseeable injury to themselves or damage to their property. Furthermore,

Contractor must contact Underground Service Alert (Dig Alert) before excavating a location, as necessary. Contractor shall inspect all hazards and potential hazards in maintained areas and keep a log indicating the date inspected and action taken. All employees working within the roadway right-of-way shall wear reflective safety vests.

5.2 It shall be the Contractor's responsibility to inspect and identify any practices and conditions that render any portion of the maintained areas unsafe. The City shall be notified immediately of any unsafe conditions that require major correction. Contractor shall be responsible for making minor corrections including, but not limited to, filling holes in turf areas, replacing valve box covers, and repairing irrigation systems so as to protect members of the public or others from injury. Contractor shall cooperate fully with City in the investigation of any accidental injury or death occurring in any of the maintained areas, including a complete written report thereof to the City within five (5) days of the injury or death.

6.0 EMERGENCY PROCEDURES

6.1 The Contractor shall immediately report any emergency situations such as vandalism, broken equipment, etc., by calling the following:

6.2.1 During business hours, the Contractor shall contact the City's Public Works Department at (562) 801-4415.

6.2.2 After-hours, the Contractor shall contact the Public Works Stand-by Staff at (562) 755- 0768.

7.0 HOURS AND DAYS OF SERVICE

7.1 Maintenance service may be conducted between the hours of 7:00 a.m. and 4:30 p.m. on those days maintenance is to be provided pursuant to the work schedule approved in advance by the City.

7.2 Eight (8) hours of labor shall constitute a legal day's work for all workers employed in the execution of this Contract and the Contractor and any subcontractor under him/her shall comply with and be governed by the laws of the State of California having to do with working hours as set forth in Division 2, Part 7, Chapter 1, Article 2 of the Labor Code of the State of California as amended.

7.3 Within ten (10) days of the effective date of the Contract, Contractor will be requested to submit a work schedule to the City for approval. When actual performance differs substantially from previously scheduled work, the Contractor shall submit for approval a revised schedule within five (5) working days.

7.4 Work on major arterial streets shall be performed between the hours of 9:00 a.m. and 3:30 p.m.

8.0 ADDITIONAL CONDITIONS

8.1 The Contractor shall have the duty to mow, edge, and trim turf areas at various city locations as specified in the RFB.

8.2 The Contractor will have a minimum of 4-man crew working Monday to Friday for 8 hours 5 days a week.

8.3 Contractor will be responsible to mow with catch attachment on all mowers to pick up, remove, and dispose of all grass clippings.

8.4 Any broken valve boxes or sprinkler heads due to mowing activity will be replaced by contractor within one working day.

8.2 The Contractor shall not perform any operation, particularly during periods of inclement weather, which may destroy or damage plant, ground cover, or turf areas. The Contact or his designee(s), shall have the authority to suspend the work, wholly or in part, for such period as he may deem necessary, due to unsuitable weather.

8.3 The foreman shall prepare and submit to the Contact, or his designee(s), a weekly report. The weekly report shall indicate the overall condition of the maintained areas and shall list specifically any unusual or problem areas/situations. The report shall also include action to be taken by the Contractor to rectify said situation and indicate the anticipated time frame for compliance.

8.4 The Contractor shall schedule operations so as not to interfere with the public's use of the maintained areas. Contractor shall conduct its operations so as to provide the maximum safety

for the public and to offer the least possible obstruction and

inconvenience to the public, or disruption to the peace and quiet of the area around which the services are performed.

8.5 If any person employed by the Contractor or any subcontractor shall fail or refuse to carry out the directions of the Contact, or his designee(s), or is in the opinion of the Contact, incompetent, intemperate, or disorderly; or uses threatening or abusive language to any person on the work site; or is otherwise unsatisfactory, he shall be discharged from the project immediately, and shall not again be employed on the work except with the written consent of the Contact or his designee(s). Contractor shall transfer or discharge any such person within a reasonable time following notice therefore from the Contact and such person shall not be employed at any other area maintained by the Contractor for the City except with the written consent of the Contact.

8.6 The Contractor shall not post advertising signs and banners within the maintained areas.

All traffic control and public safety signs used by the Contractor shall be kept free of graffiti at all times.

8.7 During performance and upon completion of Services, Contractor shall remove all unused equipment and instruments of service, and all excess or unsuitable materials, trash, rubbish, and debris, and legally dispose of same, unless otherwise directed by the City. Contractor shall leave the area in a neat, clean, and acceptable condition, as approved by the City.

8.8 The City has the sole authority to determine if Services are satisfactorily completed.

9.0 DAMAGE

9.1 All damages incurred to existing facilities by the Contractor's operation shall be repaired or replaced at the Contractor's expense.

9.2 All repairs performed by the City shall be reimbursed by the Contractor for the value of the repair.

9.3 The Contractor shall be responsible for any damage to or loss of City premises, equipment, or supplies caused by the Contractor's (or its employees') negligence. The Contractor shall immediately report any said damage or loss to the City's premises, equipment, or supplies. The Contractor shall restore or replace any damages City facilities, equipment, or supplies.

10.0 EXTRAORDINARY REPAIRS

10.1 Within eight (8) hours of discovering any extraordinary incident such as vandalism, acts of God, and third party negligence which has or will affect any maintained area and is within the scope of the Contractor's responsibilities, Contractor shall document (by a phone call, photographs, and/or written statement) said extraordinary incident and deliver said documentation to City. Contractor is not responsible for reporting or documenting graffiti. Contractor shall perform the above documentation upon discovery of extraordinary

incidents.

10.2 The City may, at its discretion, when it learns of the need for extraordinary repairs, direct the Contractor to perform necessary repairs and replacements in accordance with the following: Contractor shall submit a written estimate for the cost of performing such work to the City. City may upon review and approval of such estimate, authorize Contractor to perform said work by the issuance of a written work order. Upon completion of the work, Contractor shall submit a bill to the City. Contractor shall not perform extraordinary repairs without prior approval from the City. Such work performed by the Contractor will not be compensated by the City.

Item No.	Location	Monthly Cost
	Parks	
1	Smith Park- Approx. 16 Acres 6016 Rosemead Blvd	$ 3,799.14
2	Pico Park – Approx. 11 Acres 9528 Beverly Blvd	$ 3,239.18
3	Rivera Park – Approx. 15.5 Acres 9530 Shade Lane	$ 4,209.19
4	Rio Hondo Park – Approx. 13 Acres 8421 San Luis Potosi Place	$ 4,108.80
5	Rio Vista Park- Approx. 4.5 Acres 8751 Coffman Pico Rd.	$ 1,098.84
6	Streamland Park – Approx. 10 Acres 3539 Durfee Ave.	$ 4,126.00
7	Obregon Park- Approx. 1.3 Acres 3298 Sandoval Ave.	$ 737.11
8	Gallatin & Rosemead Pocket Park Area Size- Approx. 27,500 Sq. Feet *Southwest corner of the intersection*	$ 277.51
9	Colmere Pocket Park Area Size – Approx. 8,800 Sq. Feet **Northeast corner of Paramount Blvd. / Beverly Blvd.*	$ 148.43
10	Veteran's Pocket Park Area Size – Approx. 6,325 Sq. Feet **Northeast corner of 9325 Garth Gardner Ln.*	$ 94.79
11	Serapis Pocket Park Area Size – Approx. 6,000 Sq. Feet *Landscape directly adjacent to 8446 Serapis Ave*	$ 56.03
	Total monthly bid pricing for Parks	$ 21,895.02

	Facilities	
12	Paramount Blvd. and Mines Ave. Parkway Area Size – 1 Acre *The southeast corner of the intersection*	$ 550.60
13	Park & Recreation Building Area Size – 2,500 Sq. Feet *6767 Passons Blvd.*	$ 24.63
14	Veterans Monument / Library Area Size – 5,800 Sq. Feet **9001 Mines Ave.*	$ 210.81
15	History and Heritage Museum Area Size- 3,000 Sq. Feet **9122 Wahington Blvd.*	$ 38.15
16	Senior Center Area Size- 1.5 Acres **9200 Mines Ave.*	$ 201.07
17	Al Natividad Center Area Size - 150 Sq. Feet ** 5018 Passons Blvd*	$ 38.59
18	Youth Center Area Size- 900 Sq. Feet **4632 Orange St*	$ 38.59
19	City Hall Area Size – 2.8 Acres **6615 Passons Blvd*	$ 415.66
20	Pio Pico Elementary Area Size 3.3 Acres **8804 Ibsen St.*	$ 1,256.53
21	Rivera Library Area Size 9 Acres **7828 Serapis Ave.*	$ 60.91
	Total monthly bid pricing for Facilities	$ 2,835.54
	Parkway and Medians	
22	Parkway at 7426 Rosemead Blvd. (Frontage Road) Area size 5,000 Sq. Feet	$ 60.91

23	Parkway in front of 5101 Richmond Dr. Area Size 1,300 Sq. Feet	$ 60.91
24	Greenbelt on W/B Washington, east of Pico Vista Blvd. at Pico Vista Rd. Area Size 32,600 Sq. Feet	$ 417.29
25	Grass area and monument at 6782 Passons Blvd. Area Size 2,800 Sq. Feet	$ 60.91
26	Durfee Ave. - Underpass Landscape Slopes area 30,000 Sq. Feet, and 1,400 feet of sidewalks.	$ 258.10
27	Passons Underpass Area Size – 2 Acres	$ 1,022.03
28	Whittier Blvd Raised Center Median Approx. square footage 45,000 Sq. Feet	$ 251.26
29	Paramount Blvd Raised Center median, Approx square footage. 110,000 Sq. Feet	$ 519.81
30	Washington Blvd. Raised Center Median Approx 35,000 Sq. Feet	$ 131.20
31	Rosemead Blvd Raised Center median. Approx 170,000 Sq. Feet	$ 817.63
32	San Gabriel River Parkway Raised Center Median Approx. 45,000 Sq. Feet	$ 158.97
33	Beverly Blvd. Raised Center Median. Approx. 60,000 Sq. Feet	$ 364.86
34	Slauson Ave Raised Center Median Approx. 30,000 Sq. Feet	$ 165.56
	Total monthly bid pricing for Parkway & Medians	$ 4,289.44
	Grand Total Monthly Bid Amount	$ 29,020.00

CITY COUNCIL AGENDA REPORT

To: Mayor and City Council

From: City Manager

Meeting Date: April 23, 2024

Subject: ON-CALL ENGINEERING SERVICES – AWARD OF PROFESSIONAL SERVICES AGREEMENTS

Recommendation:

1. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to HDR Engineering, Inc. to provide on-call engineering services;

2. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to Willdan Engineering to provide on-call engineering services;

3. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to D'Leon Consulting Engineers to provide on-call engineering services;

4. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to IMEG to provide on-call engineering services;

5. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to JMDiaz, Inc. to provide on-call engineering services;

6. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to Cordoba Corporation to provide on-call engineering services;

7. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to Kimley Horn & Associates, Inc. to provide on-call engineering services;

8. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to Southstar Engineering and Consulting, Inc. to provide on-call engineering services;

9. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to Mark Thomas & Company, Inc. to provide on-call engineering services;

10. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to NV5, Inc. to provide on-call engineering services;

11. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to NCM Engineering Corp. to provide on-call engineering services;

12. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to AKM Consulting Engineers to provide on-call engineering services;

13. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to Onward Engineering to provide on-call engineering services;

14. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to Alta Planning & Design, Inc. to provide on-call engineering services;

15. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to BKF Engineers to provide on-call engineering services;

16. Award a Professional Services Agreement for a term of five (5) years in the total amount of up to $2,500,000 to Yao Engineering Inc. to provide on-call engineering services; and

17. Authorize the City Manager to execute the agreements in a form approved by the City Attorney.

Fiscal Impact:

The contract amount for each firm is not-to-exceed $2,500,000 for a term of five (5) years to provide design engineering services. No Purchase Orders (PO) will be opened upon execution of these agreements. The Engineering Division will process POs on an as-needed basis with selected firms to provide the engineering services. It is

anticipated that future work may be awarded to any of the consulting firms, depending on their competitive task proposals that they will submit on a project-by-project basis. Accounts for the PO's will be established based on the task-order and project-appropriated funding source(s) associated with each City capital project assigned to the consulting firm. Funding will be based on appropriations approved for each project's budget, with funds such as Local Return funds, applicable State grants and budgeted General Fund.

Discussion:

The Public Works Department develops plans, specifications and estimates for Capital Improvement Projects (CIP). In anticipation of the implementing and streamlining projects approved in the City's adopted budget, staff recommends for the City to have access to on-call engineering services for various Public Works projects. Typical services provided under this procurement include planning, project management, community outreach, preliminary engineering, environmental studies, surveying, utility coordination, right of way coordination and determination, preparation of engineering plans specifications, estimates, and grant administration assistance. The services will be provided for, but not limited to, roadway pavement rehabilitation and/or restoration, streetscape, landscaping and irrigation systems, utility, bridges, safety lighting, traffic signal, water treatment and distribution systems, sewer systems, flood control and storm drain facilities, parks, general facilities and other Public Works construction projects. All services will be provided on an as-needed basis.

A Request for Proposals (RFP) for on-call engineering services was posted on PlanetBids through the City's website on January 3, 2024. On February 14, 2024, the City received proposals from 26 firms in response to the RFP. A panel of four (4) staff members independently reviewed the proposals submitted by each firm and scored them based on the qualifications criteria prescribed in the RFP, including responsiveness, capabilities, experience, knowledge, expertise of the firm, qualifications, educational background, track record of proposed team members working together on relevant projects/services, and quality of past performance for the City or similar agencies.

In order to maximize the City's flexibility, staff recommend awarding contracts to 16 firms to provide engineering services. The 16 firms are necessary because approximately 7-8 firms we are considering as specialty firms that will provide specific trade engineering design (i.e. electrical, structural, rail, etc.). The other 8-9 firms will be general in nature. Due to turnover in staff from consultants and firms being bought out at a growing pace, we feel this number is necessary. On top of that, due to the list of CIP projects requiring design services, more firms may be needed.

The recommended firms are HDR Engineering, Inc., Willdan Engineering, D'Leon Consulting Engineers, IMEG, JMDiaz, Inc., Cordoba Corporation, Kimley Horn & Associates, Inc., Southstar Engineering and Consulting, Inc., Mark Thomas & Company, Inc., NV5, Inc., NCM Engineering Corp., AKM Consulting Engineers, Onward Engineering, Alta Planning & Design, Inc., BKF Engineers and Yao Engineering Inc. The City reserves the right to assign projects to one or more of the consultants at its sole discretion based on project requirements, the requirements of the funding source for the project, as well as the availability and ability of each consultant. Selection of a firm does not necessarily guarantee the award of work of any specific contract value.

Having a large pool of consultants will offer the City a wide range of expertise, allow for availability of resources and maintain competitive pricing when selecting firms for specific projects and/or task orders.

A summary of the final ranking of each firm is presented below:

Ranking	Consulting Firm	Ranking	Consulting Firm
1	HDR Engineering, Inc.	14	Alta Planning & Design Services
2	Willdan Engineering	15	BKF Engineers
3	D'Leon Consulting Engineers	16	YAO Engineering
4	IMEG	17	KPFF
5	JMDiaz, Inc.	18	TAIT
6	Cordoba Corporation	19	SA Associates
7	Kimley Horn & Associates, Inc.	20	TRANSTECH
8	Southstar Engineering & Consulting	21	RKA Consulting Group
9	Mark Thomas & Company, Inc.	22	TKE
10	NV5	23	GTS (General Technologies & Solutions)
11	NCM Engineering Corp.	24	Minagar & Associates
12	AKM Consulting Engineers	25	West & Associates
13	Onward Engineering	26	FEI Associates

Conclusion:

Staff recommends selecting the following 16 firms to provide on-call engineering services:

1. HDR Engineering, Inc.
2. Willdan Engineering
3. D'Leon Consulting Engineers
4. IMEG
5. JMDiaz, Inc.
6. Cordoba Corporation
7. Kimley Horn & Associates, Inc.
8. Southstar Engineering & Consulting
9. Mark Thomas & Company, Inc.
10. NV5
11. NCM Engineering Corporation
12. AKM Consulting Engineers
13. Onward Engineering
14. Alta Planning & Design Services
15. BKF Engineers
16. YAO Engineering

The Professional Service Agreements are for a term of five (5) years for an amount of up to $2,500,000 each. The selected qualified firms will be available to provide services on an as-needed basis for engineering services in the delivery of a variety of projects. These firms may be contacted during the term of the agreement to provide a fee proposal for individual task orders in accordance with the procedural requirements of the funding source for each project.

Steve Carmona

SC:NN:KG:np

Enclosures:
1) Professional Services Agreement – HDR Engineering, Inc.
2) Professional Services Agreement – Willdan Engineering
3) Professional Services Agreement – D'Leon Consulting Engineers
4) Professional Services Agreement – IMEG
5) Professional Services Agreement – JMDiaz, Inc.
6) Professional Services Agreement – Cordoba Corporation
7) Professional Services Agreement – Kimley Horn & Associates, Inc.
8) Professional Services Agreement – Southstar Engineering and Consulting, Inc
9) Professional Services Agreement – Mark Thomas & Company, Inc.
10) Professional Services Agreement – NV5, Inc.
11) Professional Services Agreement – NCM Engineering Corp.
12) Professional Services Agreement – AKM Consulting Engineers
13) Professional Services Agreement – Onward Engineering
14) Professional Services Agreement – Alta Planning & Design, Inc.
15) Professional Services Agreement – BKF Engineers
16) Professional Services Agreement – Yao Engineering Inc.

AGREEMENT NO. _____
PROFESSIONAL SERVICES AGREEMENT
BETWEEN THE CITY OF PICO RIVERA AND
HDR ENGINEERING, INC.

1. IDENTIFICATION

THIS PROFESSIONAL SERVICES AGREEMENT ("Agreement") is entered into by and between the City of Pico Rivera, a California municipal corporation ("City") and HDR Engineering, Inc., ("Consultant"). City and Consultant are sometimes hereinafter individually referred to as a "Party" and collectively referred to as "Parties."

2. RECITALS

2.1 City has determined that it requires professional services from a consultant to provide on-call engineering services.

2.2 Consultant represents that it is fully qualified to perform such professional services by virtue of its experience and the training, education and expertise of its principals and employees. Consultant further represents that it is willing to accept responsibility for performing such services in accordance with the terms and conditions set forth in this Agreement.

NOW, THEREFORE, for and in consideration of the performance by the Parties of the mutual covenants and conditions herein contained, the Parties hereto agree as follows:

3. DEFINITIONS

3.1 "Scope of Services": Such professional services as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "A" and incorporated herein by this reference.

3.2 "Approved Fee Schedule": Such compensation rates as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "B."

3.3 "Commencement Date" : April 23, 2024

3.4 "Expiration Date" : June 30, 2029

4. TERM

The term of this Agreement shall commence at 12:00 a.m. on the Commencement Date and shall expire at 11:59 p.m. on the Expiration Date unless extended by written agreement of the Parties or terminated in accordance with Section 22 below.

5. CONSULTANT'S SERVICES

5.1 Consultant shall perform the services identified in the Scope of Services. City shall have the right to request, in writing, changes in the Scope of Services. Any such changes mutually agreed upon by the Parties, and any corresponding increase or decrease in compensation, shall be incorporated by written amendment to this Agreement. In no event shall the total compensation and costs payable to Consultant under this Agreement exceed the sum of Two Million Five Hundred Thousand Dollars ($2,500,000.00), unless specifically approved in advance, in writing, by City.

5.2 Consultant shall perform all work to the highest professional standards of Consultant's profession and in a manner reasonably satisfactory to City.

6. COMPENSATION

6.1 City agrees to compensate Consultant for the services provided under this Agreement, and Consultant agrees to accept in full satisfaction for such services, payment in accordance with the Approved Fee Schedule.

6.2 Consultant shall submit to City an invoice, on a monthly basis or less frequently, for the services performed pursuant to this Agreement. Each invoice shall itemize the services rendered during the billing period and the amount due. Within ten (10) business days of receipt of each invoice, City shall notify Consultant in writing of any disputed amounts included on the invoice. Within thirty (30) calendar days of receipt of each invoice, City shall pay all undisputed amounts included on the invoice. City shall not withhold applicable taxes or other authorized deductions from payments made to Consultant.

6.3 Payments for any services requested in writing by City and not included in the Scope of Services shall be made to Consultant by City on a time-and-materials basis using Consultant's standard fee schedule. Fees for such additional services shall be paid within sixty (60) days of the date Consultant issues an invoice to City for such services.

7. BUSINESS LICENSE

Consultant shall obtain a City of Pico Rivera business license prior to commencing performance under this Agreement.

8. COMPLIANCE WITH LAWS

Consultant shall keep informed of State, Federal and Local laws, ordinances, codes and regulations that in any manner affect those employed by it or in any way affect the performance of its services pursuant to this Agreement. Consultant shall at all times comply with such laws, ordinances, codes and regulations. Without limiting the generality

of the foregoing, if Consultant is an out-of-state corporation or LLC, it must be qualified and registered to do business in the State of California pursuant to sections 2105 and 17708.02 of the California Corporations Code. The City, its officers and employees shall not be liable at law or in equity occasioned by failure of Consultant to comply with this Section.

9. CONFLICT OF INTEREST

Consultant covenants that it presently has no interest and shall not acquire any interest, direct or indirect, which may be affected by the services to be performed by Consultant under this Agreement, or which would conflict in any manner with the performance of its services hereunder. During the term of this Agreement, Consultant shall not perform any work for another person or entity for whom Consultant was not working at the Commencement Date of this Agreement if both: (i) such work would require Consultant to abstain from a decision under this Agreement pursuant to a conflict of interest statute; and (ii) City has not consented in writing prior to Consultant's performance of such work.

10. PERSONNEL

Consultant represents that it has, or will secure at its own expense, all personnel required to perform the services identified in the Scope of Services. All such services shall be performed by Consultant or under its supervision, and all personnel engaged in the work shall be qualified to perform such services. Consultant reserves the right to determine the assignment of its own employees to the performance of Consultant's services under this Agreement, but City reserves the right, for good cause, to require Consultant to exclude any employee from performing services on City's premises. Mark Christoffels, Project Manager, shall be Consultant's project administrator and shall have direct responsibility for management of Consultant's performance under this Agreement. No change shall be made to Consultant's project administrator without City's prior written consent.

11. OWNERSHIP OF WRITTEN PRODUCTS

All reports, documents or other written material ("written products") developed by Consultant in the performance of this Agreement shall be and remain the property of City without restriction or limitation upon its use or dissemination by City. Consultant may take and retain copies of such written products as desired, but no such written products shall be the subject of a copyright application by Consultant. If any state, federal, or local law requires mandatory copyright protection for Consultant's work product, City shall comply with such laws to the extent feasible.

12. INDEPENDENT CONTRACTOR

12.1 Consultant is, and shall at all times remain as to City, a wholly independent contractor. Consultant shall have no power to incur any debt, obligation, or liability on behalf of City or otherwise to act on behalf of City as an agent. Neither City nor any of its officers, employees or agents shall have control over the conduct of Consultant or any of Consultant's employees, except as set forth in this Agreement. Consultant shall not at any time represent that it is, or that any of its agents or employees are, in any manner employees of City.

12.2 The Parties further acknowledge and agree that nothing in this Agreement shall create or be construed to create a partnership, joint venture, employment relationship, joint-employer relationship, or any other relationship between Consultant or Consultant's employees except as set forth in this Agreement.

12.3 City shall have no direct or indirect control over Consultant's employees or sub-consultants with respect to wages, hours, and working conditions. In addition, City shall not deduct from the Compensation paid to Consultant any sums required for Social Security, withholding taxes, FICA, state disability insurance or any other federal, state or local tax or charge which may or may not be in effect or hereinafter enacted or required as a charge or withholding on the compensation paid to Consultant, Consultant's employees or subconsultants. City shall have no responsibility to provide Consultant, its employees or subconsultants with workers' compensation insurance or any other insurance.

12.4 The Parties further acknowledges the following: (i) that Consultant shall provide the services outlined in the Scope of Services directly to City; (ii) Consultant maintains a business location at the address listed under Section 20 that is separate and distinct from the City; (iii) Consultant contracts with other businesses to provide the same or similar services and maintains a clientele without restriction from the City; (iv) Consultant advertises and holds itself out to the public as available to provide the same or similar services; (v) unless otherwise specified in this Agreement, Consultant provides its own tools, vehicles, and equipment necessary for performing the Scope of Services; (vi) Consultant has proposed and negotiated its own rates; and (vii) consistent with the nature and demands of the project and the City's business hours, Consultant may set its own hours and location of work.

13. CONFIDENTIALITY

All data, documents, discussion, or other information developed or received by Consultant or provided for performance of this Agreement are deemed confidential and shall not be disclosed by Consultant without prior written consent by City. City shall grant such consent if disclosure is legally required. Upon request, all City data and any copies thereof shall be returned to City upon the termination or expiration of this Agreement.

14. NON-LIABILITY OF CITY OFFICIALS AND EMPLOYEES

No official or employee of the City shall be personally liable to Consultant in the event of any default or breach by City, or for any amount which may become due to Consultant.

15. INDEMNIFICATION

15.1 The Parties agree that City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers should, to the extent permitted by law, be fully protected from any loss, injury, damage, claim, lawsuit, cost, expense, attorneys' fees, litigation costs, or any other cost arising out of or in any way related to the performance of this Agreement. Accordingly, the provisions of this indemnity provision are intended by the Parties to be interpreted and construed to provide the fullest protection possible under the law to City. Consultant acknowledges that City would not enter into this Agreement in the absence of Consultant's commitment to indemnify and protect City as set forth herein. Notwithstanding the foregoing, to the extent Consultant's services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.2 To the full extent permitted by law, Consultant shall indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant or any of its officers, employees, servants, agents, or subconsultants in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees. Notwithstanding the foregoing, to the extent Consultant's Services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.3 City shall have the right to offset against the amount of any compensation due Consultant under this Agreement any amount due to City from Consultant as a result of Consultant's failure to pay City promptly any indemnification arising under this Section 15 or related to Consultant's failure to either: (i) pay taxes on amounts received pursuant to this Agreement or (ii) comply with applicable workers' compensation laws.

15.4 The obligations of Consultant under this Section 15 will not be limited by the provisions of any workers' compensation act or similar act. Consultant expressly waives

its statutory immunity under such statutes or laws as to City, its officers, agents, employees and volunteers.

15.5 Consultant agrees to obtain executed indemnity agreements with provisions identical to those set forth here in this Section 15 from each and every subconsultant or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. In the event Consultant fails to obtain such indemnity obligations from others as required herein, Consultant agrees to be fully responsible and indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant's subconsultants or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees.

15.6 City does not, and shall not, waive any rights that it may possess against Consultant because of the acceptance by City, or the deposit with City, of any insurance policy or certificate required pursuant to this Agreement. This hold harmless and indemnification provision shall apply regardless of whether or not any insurance policies are determined to be applicable to the claim, demand, damage, liability, loss, cost or expense.

15.7 **PERS ELIGIBILITY INDEMNITY.** In the event that Consultant or any employee, agent, or subconsultant of Consultant providing services under this Agreement claims or is determined by a court of competent jurisdiction or the California Public Employees Retirement System (PERS) to be eligible for enrollment in PERS as an employee of the City, Consultant shall indemnify, defend, and hold harmless City for the payment of any employee and/or employer contributions for PERS benefits on behalf of Consultant or its employees, agents, or subconsultants, as well as for the payment of any penalties and interest on such contributions, which would otherwise be the responsibility of City.

Notwithstanding any other agency, state or federal policy, rule, regulation, law or ordinance to the contrary, Consultant and any of its employees, agents, and subconsultants providing service under this Agreement shall not qualify for or become entitled to, and hereby agree to waive any claims to, any compensation, benefit, or any incident of employment by City, including but not limited to eligibility to enroll in PERS as an employee of City and entitlement to any contribution to be paid by City for employer contribution and/or employee contributions for PERS benefits.

16. INSURANCE

16.1 During the term of this Agreement, Consultant shall carry, maintain, and keep in full force and effect insurance against claims for death or injuries to persons or damages to property that may arise from or in connection with Consultant's performance of this Agreement. Such insurance shall be of the types and in the amounts as set forth below:

16.1.1 Comprehensive general liability, and Umbrella or Excess Liability Insurance covering all operations by or on behalf of Consultant providing insurance for bodily injury liability and property damage liability for the following and including coverage for:

16.1.1.1 Premises, operations, and mobile equipment

16.1.1.2 Products and completed operations

16.1.1.3 Broad form property damage (including completed operations)

16.1.1.4 Explosion, collapse, and underground hazards

16.1.1.5 Personal Injury

16.1.1.6 Contractual liability

in the amount of One Million Dollars ($1,000,000) per occurrence combined single limit; Two Million Dollars ($2,000,000) aggregate for products/completed operation; Two Million Dollars ($2,000,000) general aggregate (General aggregate must apply separately to Consultant's work under this Agreement.); and Five Million Dollars ($5,000,000) umbrella or excess liability.

16.1.2 Automobile Liability Insurance for owned, hired and non-owned vehicles utilized by Consultant, its employees or subconsultants, in the amount of One Million Dollars ($1,000,000) per accident for bodily injury and property damage.

16.1.3 Worker's Compensation Insurance as required by the laws of the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than One Million Dollars ($1,000,000) per accident for bodily injury or disease.

16.1.4 Professional Liability Insurance against errors and omissions in the performance of the work under this Agreement with coverage limits of not less than One Million Dollars ($1,000,000) per occurrence of claim/ Two Million Dollars ($2,000,000) in the aggregate.

16.2 Consultant shall require each of its subconsultants, if any, to maintain insurance coverage that meets all of the requirements of this Agreement.

16.3 The policy or policies required by this Agreement shall be issued by an insurer admitted in the State of California and with a rating of at least A:VII in the latest edition of Best's Insurance Guide.

16.4 Consultant agrees that if it does not keep the aforesaid insurance in full force and effect City may either: (i) immediately terminate this Agreement; or (ii) take out the necessary insurance and pay, at Consultant's expense, the premium thereon.

16.5 At all times during the term of this Agreement, Consultant shall maintain on file with City's Risk Manager a certificate or certificates of insurance showing that the aforesaid policies are in effect in the required amounts and, for the general liability and automobile liability policies, naming the City as an additional insured. Consultant shall, prior to commencement of work under this Agreement, file with City's Risk Manager such certificate(s).

16.6 Consultant shall provide proof that policies of insurance required herein expiring during the term of this Agreement have been renewed or replaced with other policies providing at least the same coverage. Consultant shall provide such proof to City at least two weeks prior to the expiration of the coverages.

16.7 The general liability and automobile policies of insurance required by this Agreement shall contain an endorsement naming City, its officers, employees, agents and volunteers as additional insureds. All of the policies required under this Agreement shall contain an endorsement providing that the policies cannot be canceled or reduced except on thirty days' prior written notice to City. Consultant agrees to require its insurer to modify the certificates of insurance to delete any exculpatory wording stating that failure of the insurer to mail written notice of cancellation imposes no obligation, and to delete the word "endeavor" with regard to any notice provisions.

16.8 The general liability and automobile policies of insurance provided by Consultant shall be primary to any coverage available to City. Any insurance or self-insurance maintained by City, its officers, employees, agents or volunteers, shall be in excess of Consultant's insurance and shall not contribute with it.

16.9 All insurance coverage provided pursuant to this Agreement shall not prohibit Consultant, and Consultant's employees, agents or subconsultants, from waiving the right of subrogation prior to a loss. Consultant hereby waives all rights of subrogation against the City.

16.10 Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of City, Consultant shall either reduce or eliminate the deductibles or self-insured retentions with respect to City, or Consultant shall procure a bond guaranteeing payment of losses and expenses.

16.11 Procurement of insurance by Consultant shall not be construed as a limitation of Consultant's liability or as full performance of Consultant's duties to indemnify, hold harmless and defend under Section 15 of this Agreement.

16.12 If Consultant maintains broader coverage and/or higher limits than the minimums shown above, the City requires and shall be entitled to the broader coverage and/or the higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

17. MUTUAL COOPERATION

17.1 City shall provide Consultant with all pertinent data, documents and other requested information as is reasonably available to City for the proper performance of Consultant's services under this Agreement.

17.2 In the event any claim or action is brought against City relating to Consultant's performance in connection with this Agreement, Consultant shall render any reasonable assistance that City may require.

18. RECORDS AND INSPECTIONS

Consultant shall maintain full and accurate records with respect to all matters covered under this Agreement for a period of three years after the expiration or termination of this Agreement. City shall have the right to access and examine such records, without charge, during normal business hours. City shall further have the right to audit such records, to make transcripts therefrom and to inspect all program data, documents, proceedings, and activities.

19. PERMITS AND APPROVALS

Consultant shall obtain, at its sole cost and expense, all permits and regulatory approvals necessary in the performance of this Agreement. This includes, but shall not be limited to, encroachment permits and building and safety permits and inspections.

20. NOTICES

Any notices, bills, invoices, or reports required by this Agreement shall be deemed received on: (i) the day of delivery if delivered by hand, facsimile, email, or overnight courier service during Consultant's and City's regular business hours; or (ii) on the third business day following deposit in the United States mail if delivered by mail, postage prepaid, to the addresses listed below (or to such other addresses as the Parties may, from time to time, designate in writing).

If to City:

Steve Carmona, City Manager
City of Pico Rivera
PO Box 1016
6615 Passons Blvd.
Pico Rivera, California 90660-1016

If to Consultant:

Thomas T. Kim, Senior Vice President
HDR Engineering, Inc.
350 South Grand Ave. Suite 2900
Los Angeles, CA 90071

With a courtesy copy to:

Arnold M. Alvarez-Glasman, City Attorney
13181 Crossroads Parkway North
Suite 400 - West Tower
City of Industry, CA 91746

21. SURVIVING COVENANTS

The Parties agree that the covenants contained in Sections 13, 15 and Paragraph 17.2 of Section 17, of this Agreement shall survive the expiration or termination of this Agreement.

22. TERMINATION

22.1 City shall have the right to terminate this Agreement for any reason on five (5) calendar days' written notice to Consultant. Consultant shall have the right to terminate this Agreement for any reason on sixty (60) calendar days' written notice to City. The effective date of termination shall be upon the date specified in the notice of termination. Consultant agrees that in the event of such termination, City's obligation to pay Consultant shall be limited to payment only for those services satisfactorily rendered, as solely determined by the City, prior to the effective date of termination. Consultant agrees to cease all work under this Agreement on or before the effective date of any notice of termination. All City data, documents, objects, materials or other tangible things shall be returned to City upon the termination or expiration of this Agreement.

22.2 If City terminates this Agreement due to no fault or failure of performance by Consultant, then Consultant shall be paid based on the work satisfactorily performed, as solely determined by the City, at the time of termination. In no event shall Consultant be entitled to receive more than the amount that would be paid to Consultant for the full performance of the services required by this Agreement.

23. ASSIGNMENT

Consultant shall not delegate, transfer, subcontract or assign its duties or rights hereunder, either in whole or in part, without City's prior written consent, and any attempt

to do so shall be void and of no effect. City shall not be obligated or liable under this Agreement to any Party other than Consultant.

24. NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY

24.1 In the performance of this Agreement, Consultant shall not discriminate against any employee, subconsultant, or employment applicant because of race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation. Consultant will take affirmative action to ensure that subconsultants, employees, and employment applicants are treated without regard to their race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.2 Consultant will, in all solicitations or advertisements for employees placed by or on behalf of Consultant state either that it is an equal opportunity employer or that all qualified applicants will receive consideration for employment without regard to race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.3 Consultant will cause the foregoing provisions to be inserted in all subcontracts for any work covered by this Agreement except contracts or subcontracts for standard commercial supplies or raw materials.

25. WARRANTIES

25.1 Each Party has received independent legal advice from its attorneys with respect to the advisability of entering into and executing this Agreement, or been provided with an opportunity to receive independent legal advice and has freely and voluntarily waived and relinquished the right to do so. Each Party who has not obtained independent counsel acknowledges that the failure to have independent legal counsel will not excuse such Party's failure to perform under this Agreement.

25.2 In executing this Agreement, each Party has carefully read this Agreement, knows the contents thereof, and has relied solely on the statements expressly set forth herein and has placed no reliance whatsoever on any statement, representation, or promise of any other party, or any other person or entity, not expressly set forth herein, nor upon the failure of any other party or any other person or entity to make any statement, representation or disclosure of any matter whatsoever.

25.3 It is agreed that each Party has the full right and authority to enter into this Agreement, and that the person executing this Agreement on behalf of either Party has the full right and authority to fully commit and bind such Party to the provisions of this Agreement.

26. CAPTIONS

26.1 The captions appearing at the commencement of the sections hereof, and in any paragraph thereof, are descriptive only and for convenience in reference to this Agreement. Should there be any conflict between such heading, and the section or paragraph thereof at the head of which it appears, the section or paragraph thereof, as the case may be, and not such heading, shall control and govern in the construction of this Agreement.

26.2 Masculine or feminine pronouns shall be substituted for the neuter form and vice versa, and the plural shall be substituted for the singular form and vice versa, in any place or places herein in which the context requires such substitution(s).

27. NON-WAIVER

27.1 The waiver by City or Consultant of any breach of any term, covenant or condition herein contained shall not be deemed to be a waiver of such term, covenant or condition or of any subsequent breach of the same or any other term, covenant or condition herein contained. In no event shall the making by City of any payment to Consultant constitute or be construed as a waiver by City of any breach of covenant, or any default which may then exist on the part of Consultant, and the making of any such payment by City shall in no way impair or prejudice any right or remedy available to City with regard to such breach or default. No term, covenant or condition of this Agreement shall be deemed to have been waived by City or Consultant unless in writing.

27.2 Each right, power and remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise shall be cumulative and shall be in addition to every other right, power, or remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise. The exercise, the commencement of the exercise, or the forbearance of the exercise by any Party of any one or more of such rights, powers or remedies shall not preclude the simultaneous or later exercise by such Party of any of all of such other rights, powers or remedies.

27.3 Consultant shall not be liable for any failure to perform if Consultant presents acceptable evidence, in City's sole judgment, that such failure was due to causes beyond the control and without the fault or negligence of Consultant.

28. COURT COSTS AND ATTORNEY FEES

In the event legal action shall be necessary to enforce any term, covenant or condition herein contained, the Party prevailing in such action, whether reduced to judgment or not, shall be entitled to its reasonable court costs, including accountants' fees and expert witness fees, if any, and attorneys' fees expended in such action. The venue for any litigation shall be Los Angeles County, California.

29. SEVERABILITY

If any term or provision of this Agreement or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable, then such term or provision shall be amended to, and solely to, the extent necessary to cure such invalidity or unenforceability, and in its amended form shall be enforceable. In such event, the remainder of this Agreement, or the application of such term or provision to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby, and each term and provision of this Agreement shall be valid and be enforced to the fullest extent permitted by law.

30. GOVERNING LAW

This Agreement shall be governed and construed in accordance with the laws of the State of California.

31. COUNTERPARTS

This Agreement may be signed in any one or more counterparts all of which taken together shall be but one and the same Agreement. Any signed copy of this Agreement or of any other document or agreement referred to herein, or copy or counterpart thereof, delivered by facsimile or email transmission, shall for all purposes be treated as if it were delivered containing an original manual signature of the Party whose signature appears in the facsimile or email and shall be binding upon such Party in the same manner as though an originally signed copy had been delivered.

32. ENTIRE AGREEMENT

All documents referenced as exhibits in this Agreement are hereby incorporated in this Agreement. In the event of any material discrepancy between the express provisions of this Agreement and the provisions of any document incorporated herein by reference, the provisions of this Agreement shall prevail. This instrument contains the entire Agreement between City and Consultant with respect to the transactions contemplated herein. No other prior oral or written agreements are binding upon the Parties. Amendments hereto or deviations herefrom shall be effective and binding only if made in writing and executed by City and Consultant.

[This section intentionally left blank]

TO EFFECTUATE THIS AGREEMENT, the Parties have caused their duly authorized representatives to execute this Agreement on the dates set forth below.

"CITY" CITY OF PICO RIVERA	"CONSULTANT" HDR ENGINEERING, INC.
_____ Andrew C. Lara, Mayor	_____ Thomas T. Kim, Senior Vice President
Dated: _____	Dated: _____
ATTEST:	**APPROVED AS TO FORM:**
_____ Cynthia Ayala, City Clerk	_____ Arnold M. Alvarez-Glasman, City Attorney

EXHIBIT A
SCOPE OF SERVICES

PROPOSAL FOR ON-CALL ENGINEERING SERVICES

City of Pico Rivera

February | 2024

COPY

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ADDITIONAL ATTACHMENTS

H. Schedule of Hourly Rates RATES-01

I. Non-Collusion Affidavit AFF-01

J. Exceptions or Additions to Sample Agreement EXC-01

K. Resumes RES-01

HDR acknowledges the page count and page exclusions set forth in both the RFP and Q&A Set 1 and Set 2 (i.e. Dividers, Table of Contents, Schedule of Hourly Rates, Non-Collusion Affidavit, Exceptions or Additions to Sample Agreement, and Resumes do not count towards the total 30-page limit of the proposal)

Proposal

Proposal

A. Letter of Offer

A. LETTER OF OFFER

February 14, 2024

City of Pico Rivera
Noe Negrete, PE - Director of Public Works
6615 Passons Boulevard
Pico Rivera, CA 90660

RE: Request for Proposals (RFP) to Provide On-Call Engineering Services

Dear Noe Negrete,

The coming years look exciting and full of promise for the City of Pico Rivera (City) as it moves forward with multiple initiatives to transform its economic base with technology-based businesses, create a regional transportation hub, establish a regional sports complex, and pursue local infrastructure improvements to expand mobility choices and create more equity for its residents. In addition, the City will be implementing an expansive infrastructure program of roadway pavement rehabilitation, streetscapes, landscaping and irrigation systems upgrades, utility improvements, bridge upgrades, safety lighting installation, new and modified traffic signals, rail/transit facilities, active transportation and complete streets facilities, water treatment and distribution systems, sewer systems, flood control and storm drain facilities, upgraded and new parks/playgrounds/trails, as well as building improvements.

The City needs a strong partner to help identify, develop, budget, plan, design, and deliver these projects to meet your initiatives. HDR Engineering, Inc. (HDR) is that partner. We will accomplish this by providing you with a highly qualified team that you can trust to deliver your programs and projects. The HDR Team offers:

- **An experienced Project Manager, Mark Christoffels, PE, PLS, who has over 38 years of experience, including tenure as the City Engineer for the City of Long Beach and Chief Engineer for the San Gabriel Valley Council of Governments (SGVCOG).** His responsibilities included oversight of major capital programs, including transportation and mobility programs, grade separations, National Pollution Discharge Elimination System (NPDES) programs, and related storm water quality projects. He also established subregional funding allocations and project implementation for Measures W, R, and M Programs. Mark brings strong project management leadership with project controls expertise, plus a broad municipal background that covers multiple disciplines, including complete streets, facilities, and water resources. He will be supported by highly qualified professional engineers, scientists, and subject-matter experts as needed to serve the City.
- **A dedicated and local Principal-in-Charge, Gene Bougdanos, PE, who has more than 40 years of experience planning, designing, and constructing infrastructure projects.** Gene served as a Program Manager for SGVCOG and managed multiple on-call contracts and Task Orders (TOs) with other agencies, including the Los Angeles County Metropolitan Transportation Authority (LA Metro), Port of Los Angeles (POLA), California Department of Transportation (Caltrans), Los Angeles County

Department of Public Works (LACDPW), and the City of Los Angeles Bureau of Engineering (LABOE). Gene will combine this expertise with his knowledge of responsive and cost-effective TO delivery as he provides support to Mark, our Project Manager, out of our Los Angeles office.

- **A solid team of professional Task Leads and experts in their respective fields with experience in delivering capital projects for municipalities and regional agencies.** We have successfully provided client services related to roadway pavement rehabilitation, streetscapes, landscaping and irrigation systems, utilities, bridges, safety lighting, traffic signals, rail/transit facilities, active transportation and complete streets facilities, water treatment and distribution systems, sewer systems, storm drains and park facilities. Our depth of resources gives us the immediate availability to execute a broad range of multiple TOs simultaneously, providing you with the needed technical skills on demand. We implement projects efficiently through our identified discipline leads which were selected based on your Scope of Services and have experience in delivering complex TO assignments.
- **Well-established project controls to provide efficient project delivery on time and within budget.** HDR has the scheduling, estimating, and project cost tracking software tools and state-of-the-art internal accounting and project management tools to keep your programs and projects on track. For each TO, we will provide a Project Management Plan with the appropriate level of detail scalable to the size of the TO and will guide the project to successful delivery.
- **Familiarity with local, regional, and state agencies that will be stakeholders in the City's capital improvement efforts.** As the future of infrastructure investment unfolds in and around the City, HDR's decades of relationships with the state and regional agencies, the councils of government, the resource agencies, and adjoining cities will significantly benefit the City. HDR also brings program management experience and expertise in obtaining funding through grant applications for our clients. Our environmental team members shine with recent successes in obtaining environmental clearances with multiple agencies.

The HDR Team combines continuity and experience with a commitment to giving you quality and reliable, professional services. Further details of our capabilities and relevant experience are shown throughout this proposal, demonstrating that our team possesses the expertise, commitment, and vision to deliver your projects successfully. In addition, our team is comprised of highly respected sub-consultants, with whom HDR has a solid history of working together. They are listed below.

Legal Name of Company Address | DIR Registration	Contact Person Telephone | Email
Amheart Solutions (DBE, DVBE, SBE) 511 South Harbor Boulevard, Unit R, La Habra, CA 90631 DIR: PW-LR-1001102438	**Pauly Jung** 714.869.4756 paul.jung@amheartsolutions.com
Arellano Associates, LLC (DBE, SBE) 5851 Pine Avenue, Suite A, Chino Hills, CA 91709 DIR: PW-LR-1000446549	**Genoveva Arellano** 909.627.2974 garellano@arellanoassociates.com
Geo-Advantec, Inc. (SBE) 457 West Allen Avenue, Suite 113, San Dimas, CA 91773 DIR: 1000017767	**Shawn Ariannia, PhD, PE, GE** 909.305.0400 sariannia@geoadvantec.com

Legal Name of Company Address | DIR Registration	Contact Person Telephone | Email
GPA Consulting (DBE, SBE) 840 Apollo Street, Suite 312, El Segundo, CA 90245 DIR: 1000035318	**Ryan Todaro** 310.792.2690, ext. 107 ryan@gpaconsulting-us.com
Guida Surveying, Inc. (SBE) 220 Commerce, Suite 150, Irvine, CA 92602 DIR: 1000006862	**Tim Fettig, PLS** 949.777.2023 tfettig@guidainc.com
Kroner Environmental Services, Inc. (DBE, SBE) 10801 National Boulevard, Suite 415, Los Angeles, CA 90064 DIR: 1000023614	**Tamara Kroner** 310.474.1500 tkroner@kronerenvironmental.com
Suenram and Associates, Inc. (DBE, SBE) 445 South Figueroa Street, 31st Floor, Los Angeles, CA 90071 DIR: 1000063959	**Kate Suenram, PE** 213.297.7050 kate@suenramassoc.com
Tatsumi and Partners, Inc. (DBE, SBE) 49 Discovery, Suite 120, Irvine, CA 92618 DIR: 1000007452	**Michael Aceves** 949.453.9901 michael@tatsumiandpartners.com
V&A, Inc. (DBE, SBE) 1111 South Grand Avenue, Suite 103, Los Angeles, CA 90015 DIR: 1000036811	**Jose Valle** 213.972.9700 jose.valle@va-incorp.com

Our responsive and qualified team is local and can mobilize quickly upon receiving a Notice to Proceed (NTP). We encourage you to check our references included in Section F Client References as evidence of the quality of our work. HDR is prepared to accept the City's Sample Professional Services Agreement with some minor requested modifications which have been outlined in Section J Exceptions or Additions to Sample Agreement. Our commitment to you is to complete TOs to your satisfaction.

We appreciate the opportunity to continue our successful track record of delivering TO projects for local cities' and counties' capital improvement programs. If you have questions regarding our submittal, please do not hesitate to call our Project Manager, your primary point of contact, Mark Christoffels, at 714.442.2850 or mark.christoffels@hdrinc.com. Company details and RFP acknowledgments are provided on the following page.

Sincerely,
HDR Engineering, Inc.

Thomas T. Kim, PE (CA #57374)
Senior Vice President

Mark Christoffels, PE (CA #40599), PLS (CA #6324)
Project Manager

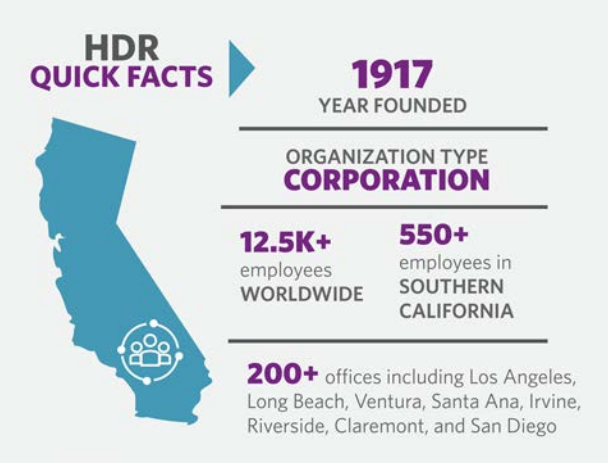
Company Details		Acknowledgments
Identification of Consulting Firm	**HDR Engineering, Inc.** 350 South Grand Avenue Suite 2900 Los Angeles, CA 90071 213.239.5800	1. Proposal shall remain valid for a period of not less than 90 calendar days from the date of submittal. 2. HDR acknowledges we are obligated by all addenda to this RFP. No addenda was released, but we acknowledge Questions and Answers (Q&A) Set 1 dated February 05, 2024 and Q&A Set 2 dated February 06, 2024. 3. This proposal is signed by Tom Kim, a person authorized to bind HDR to the terms of the RFP. 4. All information submitted with the proposal, to the best of our knowledge, is true and correct.
Contact Person	**Mark Christoffels, PE, PLS** Project Manager 1851 East First Street Suite 1400 Santa Ana, CA 92705 714.442.2850	
Federal Tax ID	47-0680568	
DIR Registration	1000018262	

B. Qualifications of the Firm

B. QUALIFICATIONS OF THE FIRM

Firm Profile

Founded in 1917 and incorporated in 1985, HDR is supported by more than 12,500 employee-owners in more than 200 locations worldwide. We have been a part of the Southern California business landscape for over 45 years, with 9 office locations, including Los Angeles (137 employees), Long Beach (26 employees), Ventura (6 employees), Santa Ana (63 employees), Irvine (172 employees), Riverside (46 employees), Claremont (22 employees), San Diego-Camino De La Reina (81 employees) and San Diego-B Street (25 employees).



Locally, we have over 550 professionals who specialize in engineering and planning disciplines, including roadway, structures, traffic, environmental, geotechnical, public outreach, program management, computer-aided drafting (CAD), landscape architecture, finance, sewer, water resources, waterworks, and right-of-way services. **In Los Angeles County alone, we have over 160 staff that are local and available to support the City.**

Our portfolio includes a variety of transportation and horizontal infrastructure projects similar to the potential project types identified in the RFP.

Over the past 10 years, HDR's experienced professionals have successfully delivered over 250 contract TOs through our multiple on-call contracts for agencies, including the City of Pico Rivera, LABOE, City of Long Beach, Port of Long Beach (POLB), Culver City Transportation Department, LA Metro, and LACDPW. HDR was also recently selected for an on-call engineering services contract with the City of South Pasadena.

Ability to Manage, Control, and Schedule Concurrent Projects and Tasks at Multiple Locations

HDR will manage this contract using a web-based management program as a work planning tool. It provides a 12-month lookahead work plan that we incorporate into our projects. In addition, our transportation group has weekly resource planning meetings with section managers (operational) and project managers. This results in the efficient utilization of resources without double booking. This is updated weekly by our project managers. For each TO, we will also provide a Project Management Plan that will guide the project to successful delivery. We discuss this plan further in Section E Work Approach.

Financial Condition of the Firm

Our firm has the financial stability, capacity, and resources to successfully deliver TOs for the City. **No financial, litigation, or business conditions exist that will impede our ability to perform the required Scope of Services**. As an employee-owned firm, our assets are managed and invested with exceptional care. Our financial statements are prepared and audited annually by Ernst & Young LLC, including a Federal Acquisition Regulation audit. We are financially sound with gross revenues of $3.2B, a current working capital ratio of 1.9, and stockholders' equity of $0.66B (2022).

Previous Project Experience with Sub-Consultants

HDR has partnered with sub-consultants that have experience working with the City and local agencies within Los Angeles County. They will provide additional resources required to successfully complete the required Scope of Services. Previous project experience with our sub-consultants is shown in **Table B.1** below. HDR served as Prime for all of the projects listed below and provided a range of engineering services.

Table B.1: List of Previous Project Experience with Sub-Consultants

Firm	Previous Project Experience with HDR | Role and Responsibilities
Amheart Solutions	• LA Metro, Link Union Station (Link US) Project | Sub-Consultant: Architectural/ Engineering Support • Los Angeles World Airports (LAWA), Automated People Mover (APM) Landside Access Modernization Program | Sub-Consultant: Architectural/Engineering Support
Arellano Associates, LLC	• LA Metro, I-605 Corridor Improvement Project (CIP) Project Approval and Environmental Document (PA&ED) | Sub-Consultant: Public Outreach • LA Metro, High Desert Corridor Service Development Plan (SDP) | Sub-Consultant: Public Outreach
Geo-Advantec, Inc.	• LA Metro, Lynwood Intersection Improvements Plans, Specifications and Estimate (PS&E) | Sub-Consultant: Geotechnical Support • LA Metro, Rosecrans Avenue/Atlantic Avenue and Artesia Boulevard/Santa Fe Intersection Improvements | Sub-Consultant: Geotechnical Support
GPA Consulting	• City of Ventura, Main Street Bridge over Ventura River Phase 1 Environmental Engineering Services | Sub-Consultant: California Environmental Quality Act (CEQA)/ National Environmental Policy Act (NEPA) Process Support • City of Long Beach, Shoemaker Bridge Replacement PA&ED and PS&E | Sub-Consultant: Water Quality Assessment Report, Section 4(f) Evaluation, Historical Resources Evaluation Report Support
Guida Surveying, Inc.	• LABOE, On-Call Civil Engineering Consulting Services, Safe Sidewalks LA Program | Sub-Consultant: Professional Land Surveying Services • LA Metro, City of Compton Intersection Improvements PA&ED | Sub-Consultant: Topographic Surveys and Record Land Net Mapping
Kroner Environmental Services, Inc.	• LA Metro, SR-57/SR-60 Interchange Improvement Project PS&E | Sub-Consultant: Hazardous Waste Investigations • LA Metro, I-405 Auxiliary Lanes Improvement Project PS&E | Sub-Consultant: Hazardous Materials Investigation and Report
Suenram and Associates, Inc.	• LA Metro, Southeast Gateway Line Transit Corridor Advanced Engineering (formerly known as West Santa Ana Branch Advanced Engineering) | Sub-Consultant: Utility Design and Coordination • Metrolink, On-Call Professional Engineering Design Services, I-605/Temple Avenue Grade Separation | Sub-Consultant: Utility Design Review
Tatsumi and Partners, Inc.	• LA Metro, I-405 Auxiliary Lanes Improvement Project PS&E | Sub-Consultant: Irrigation and Planting • LA Metro, West Los Angeles Veterans Affairs (VA) Medical Center Parking Structure | Sub-Consultant: Irrigation
V&A, Inc.	• LA Metro, Southeast Gateway Line Transit Corridor Advanced Engineering | Sub-Consultant: Civil/Roadway and Traffic Engineering • LA Metro, Link US Project | Sub-Consultant: Civil Engineering and Architecture

Strength and Stability of the Firm

HDR has not been acquired by or merged with any other companies since becoming employee-owned in 1996. We take pride in our strategic plan to remain independent, subsequently bringing consistency, stability and strength to our operational efficiency. We have one of the lowest turnover rates in the industry. HDR has a focused approach to sustain our clients' satisfaction by providing permanence in our leadership and providing empowered and motivated staff to work on your projects.

HDR is growing in numbers and expertise. In 2021, HDR acquired WKE, expanding our growth and adding key resources in addition to the great staff that was already available in Southern California. HDR's acquisition program supports our strategic growth objectives of enhancing company capabilities, broadening service offerings, and expanding geographically to best serve new and existing clients. Our acquisition investments are a key part of our long-term growth strategy. We look at acquisitions to help us deepen our core services in markets, expand our geographical presence and grow new services for our clients.

Current Staffing Capability

The HDR Team is available to provide the City with an entire range of skills for TOs included under this contract. We are a full-service company with project managers, discipline leads, and technical experts that have the experience and understanding to successfully execute your projects. With thousands of people in hundreds of locations, we provide experienced professionals to complement your existing expertise, providing depth when you need it and meeting the unique demands of your contract.

Current Staffing Availability and Work Load

HDR has assembled a team of key personnel and support staff for this contract based upon numerous factors. Area of expertise, type and amount of experience, and availability play a role when we decide who is best to include on a given project organizational chart. This personnel selection process is critical in verifying the City has access to experts in particular specialties and disciplines as required by the Scope of Services. **All of the key personnel that we have proposed in Section C Proposed Staffing are 100 percent committed to serving the City on this contract.**

Proven Record of Meeting Schedules on Similar Types of Projects

Our team specializes in the use of Microsoft Project and Primavera P6 to establish the primary project schedule in accordance with the work breakdown structure so that cost, duration, and resources can be integrated into each work element for budgeting and monitoring purposes. We can implement detailed resource-loaded TO schedules to verify adequate staffing for on-time delivery.

The depth and range of HDR's experience in meeting schedules on similar types of projects are demonstrated by the successful completion and delivery of awarded contracts for both on-call and specific projects for numerous agencies. Specific examples are provided on the following pages along with **Table B.2** which demonstrates HDR's capabilities and capacity to deliver elements of the Scope of Services. We have also highlighted additional project proofs in Section E Work Approach.

Table B.2: HDR Project Experience with Delivering Scope of Services

HDR Relevant Project Experience	Scope of Services												
	A. Project Management	B. Community Outreach	C. Preliminary Eng and Planning Studies	D. Surveys, Mapping and Field Reviews	E. Environmental Studies and Documentation	F. Utility Research and Coordination	G. Right-of-Way Phase and Determination	H. Design	I. Construction Phase Authorization	J. Bid Support Services	K. Construction Support Services	L. Grant Administration	M. Prior Rights Expertise
City of Pico Rivera and LA Metro, Rosemead-Lakewood Boulevard Bus Rapid Transit (BRT)	●	●	●	●	●	●			●				
City of Long Beach, As-Needed Contracts	●	●	●	●	●	●	●	●	●	●	●	●	●
LA Metro, On-Call Highway Program Project Delivery Support Services	●	●	●	●	●	●	●	●		●	●		●
LABOE, On-Call Civil Engineering Consulting Services, Safe Sidewalks LA Program	●		●	●	●	●		●		●			
LACDPW, As-Needed Eng Design & Support Srvcs for the Road/Flood Control Construction	●		●	●		●		●				●	

City of Pico Rivera and LA Metro, Rosemead-Lakewood Boulevard BRT | Los Angeles County, CA

The City contracted with HDR to assist with evaluating the potential for a transit hub within their jurisdiction that would include relocation of the existing Metrolink station from Commerce to Pico Rivera, the establishment of a BRT along the adjacent north-south Lakewood-Rosemead Boulevard corridor from Long Beach to Pasadena, and the incorporation of the proposed Metro E Line Station at Washington Boulevard on this corridor. The project included coordinating with SGVCOG on their Transit Feasibility Study, focusing on their BRT recommendation for Rosemead Boulevard and providing an analysis of the potential benefits and impacts to a BRT route on Rosemead Boulevard in the City. HDR was also tasked with coordinating with the Gateway Cities Council of Governments (GCCOG) on their Lakewood/Rosemead Boulevard Master Plan and Complete Street Evaluation Report and providing an analysis of what elements would have to be modified to pursue a BRT along this corridor. HDR provided the City with a summary of potential regional coordination issues; drafted an implementation schedule; assisted with coordination meetings with LA Metro, Long Beach Transit, and cities along the proposed BRT corridor; and prepared a white paper on the potential creation of a Rosemead-Lakewood Boulevard BRT corridor Joint Powers Authority (JPA) along with a draft JPA Agreement.

City of Long Beach, As-Needed Contracts | Long Beach, CA

Since 2010, HDR has been providing professional engineering, traffic, transportation planning, and environmental consulting services, as well as agency coordination (Caltrans, GCCOG, LACDPW), for various projects under multiple on-call contracts for the City of Long Beach.

6th Street Corridor Bicycle Boulevard: The project included design of roadway, landscaping, signing, striping, signal and sidewalk ramp improvements for the purposes of constructing a 2-mile-long bicycle boulevard on the existing 6th Street residential roadway.

Spring Street Mixed-Use Development Initial Study/Mitigated Negative Declaration (IS/MND) and Environmental Impact Report (EIR): HDR prepared a CEQA IS/MND for the mixed-use development project. Street improvements will include widening of Orange Avenue, sidewalk improvements to Spring Street, additional crosswalks at project site entrances, and the construction of new bicycle facilities along Orange Avenue and Spring Street.

Other Completed TOs: Shoemaker Bridge Water Quality Assessment and Storm Water Report; Design improvements for Multiple Park Lots; Atlantic Boulevard Seismic Certification; Davenport Park Regulatory Compliance Monitoring Services; Deforest Wetlands Independent Quality Review; Stearns Park Baseball Field Design Services; Whaley Field Baseball Facility Cost Estimate; San Gabriel River Bike Path Gap Closure; Waste to Energy Facility Inspection and Capital Expenditure Planning; and Americans with Disabilities Act (ADA) Curb Ramp Design.

LA Metro, On-Call Highway Program Project Delivery Support Services | Los Angeles County, CA

Since 2020, HDR has been providing roadway, structure, and drainage engineering services, as well as agency coordination (Caltrans, GCCOG, LACDPW), as part of LA Metro's On-Call Highway Program Project Delivery Support Services contract.

Whittier Boulevard Intersection Improvements PS&E: HDR is currently leading the project while completing aspects of the roadway design and supporting LA Metro with right-of-way engineering. The proposed improvements include enhancing mobility, relieving congestion, and reconstructing sidewalks and curb ramps to ADA compliance at the intersections of Painter Avenue and Santa Fe Springs Road (5-Points) on Whittier Boulevard.

City of Compton Intersection Improvements PA&ED: HDR delivered environmental approval and 35 percent engineering for proposed improvements for the City of Compton, in cooperation with the County of LA, to move forward with final design. The project proposed implementing focused congestion mitigation measures with intersection improvements at Rosecrans Avenue/Atlantic Avenue and Artesia Boulevard/ Santa Fe Avenue, providing congestion relief during peak hours.

City of Lynwood Imperial Highway Corridor Capacity Enhancements PA&ED and PS&E: HDR completed final PS&E and is providing design services during construction (DSDC) for the City of Lynwood at 11 intersections. Proposed enhancements include operational and safety improvements and signal synchronization with additional geometric improvements at 6 of the 11 intersections.

LABOE, On-Call Civil Engineering Consulting Services, Safe Sidewalks LA Program | Los Angeles, CA

In 2016, the City of Los Angeles launched **Safe Sidewalks LA Program**, a 30-year, $1.4B program to make sidewalks accessible. HDR has been the program management consultant since program inception and provided site assessment, design, and construction management of sidewalks and curb ramps throughout the City of Los Angeles.

Initially, HDR performed site visits at city facilities, which included assessing existing conditions, collecting field measurements, taking photographs, preparing engineer's estimates, developing and issuing construction bid packages, reviewing bids, awarding construction contracts, and providing construction management services during construction. The program has evolved into the Sidewalk Division within the LABOE that encompasses three main areas of addressing the City of Los Angeles' ADA sidewalk compliance — access request, city facilities, and program access improvements.

HDR's current role includes overall program management duties, providing ongoing program process improvements to increase capacity and efficiency; providing design and construction management services. As program manager and designer, HDR has assisted the LABOE in delivering 1920+ curb ramps and 90+ miles of sidewalk.

LACDPW, As-Needed Engineering Design and Support Services for the Road/Flood Control Construction | Los Angeles County, CA

In 2018, HDR was selected by LACDPW to provide as-needed engineering design and support services on various federally and non-federally funded projects located throughout Los Angeles County.

Los Angeles River Bike Path: HDR is providing a constructability assessment and design services, including preparation of signing and striping plans for the proposed bicycle path as well as construction phasing and traffic control plans for the construction of the Lankershim Boulevard undercrossing.

Soledad Canyon Road Bridge over the Santa Clara River: HDR is providing bridge design services for a replacement bridge over the Santa Clara River. The project will replace the existing 27-foot-wide by 31-foot-long timber deck bridge with a new 44-foot-wide by 325-foot-long cast-in-place post-tensioned concrete box girder bridge. The proposed bridge replacement is part of LACDPW's overall reconstruction of Soledad Canyon Road between Agua Dulce Canyon Road and the Santa Clara River. HDR is providing design support to prepare the final PS&E for the proposed replacement.

Norwalk Boulevard and Slauson Avenue Traffic and Pavement Improvements: HDR is currently providing traffic engineering services for a proposed 2-mile-long pavement preservation and road improvement project on Norwalk Boulevard and Slauson Avenue. HDR is providing services required for the preparation of traffic design plans and traffic control plans using the latest standards from the California Manual on Uniform Traffic Control Devices (MUTCD).

C. Proposed Staffing

C. PROPOSED STAFFING

Key Personnel Qualifications and Experience

HDR will leverage our well-structured team, inclusive of expert leadership and optimal staffing levels needed to carry out the effort required for this on-call contract. As Project Manager, Mark will provide overall management of the team and contract. His ability to manage and deliver successful projects is due to employing a team committed to producing innovative, constructible, and cost-effective designs. Upon receiving NTP for a TO, Mark will work with the City's Project Manager to develop or confirm the scope of work and match the expertise of our team with the TO scope to develop a staffing plan. This initial coordination with the City's Project Manager will provide a full understanding of the project objectives and critical schedule for the deliverables.

Each of our key personnel was selected for their roles based on specialized expertise, past experience, and other specialized knowledge specific to the Scope of Services subject matter. They are 100 percent committed to serving the City on this contract. Brief bios that highlight the educational background and experience of our key personnel are included on the following pages. Resumes for all proposed personnel, including key personnel, are included in the resumes section of Additional Attachments.

Mark Christoffels, PE, PLS

Project Manager; A. Project Management D. Surveys, Mapping and Field Reviews Task Lead

Education: MBA, Business Administration | BS, Civil Engineering

Mark has over **38 years** of experience managing capital improvement programs and projects primarily as the City Engineer and Public Works Director for several cities in both Los Angeles and Orange Counties, including 11 years as City Engineer for the City of Long Beach. More recently, he served as SGVCOG's Chief Engineer responsible for the establishment of the subregional funding allocations and project implementation for its 30 member agencies under Measures W, R, and M Programs. Mark also served 4 years as an appointee to the Policy Advisory Council of LA Metro.

Gene Bougdanos, PE

Principal-in-Charge

Education: MBA, Business Administration | BS, Civil Engineering

Gene has over **40 years** of experience in the planning, design, and construction management of transportation infrastructure projects. He has led and managed the planning and design on a number of large transportation projects. He has also managed on-call contracts and TOs with numerous agencies, including LA Metro, POLA, LACDPW, LABOE, and Caltrans. Gene has expanded his familiarity with the specifications and standards applicable to each of his contracts with these various agencies.

JC Erickson

B. Community Outreach Task Lead

Education: MA, Global Studies | BA, Philosophy, Religion, and Ethics

JC has over **23 years** of extensive hands-on experience in community outreach, stakeholder engagement, crisis and multicultural communications, media relations, and international relations. He has worked in the full spectrum of our industry, supporting nonprofits, governments, and corporations, promoting social change through his commitment to improving the quality of life of people.

Wayne Richardson, PE, ENV SP, LEED AP

C. Preliminary Engineering and Planning Studies Task Lead

Education: BS, Civil Engineering | BA, Urban Planning

Wayne has over **31 years** of extensive planning, civil engineering, and project management experience. His direct experience includes the preparation and review of project planning documents, as well as bid documents for public facilities and infrastructure. Wayne's project management experience includes project controls and leading multidisciplinary teams from planning and environmental approvals to PS&E.

George Gorman

E. Environmental Studies and Documentation Task Lead

Education: JD, Law | MA, Resources Law | BA, Philosophy and Psychology

George has over **12 years** of experience in environmental planning, policy, project management, and regulatory compliance. He manages the preparation of NEPA and CEQA documents and technical studies for numerous federal, state, and local agencies. George is also a licensed attorney in Colorado and Washington, D.C.

John Ballas, PE

F. Utility Research and Coordination Task Lead; M. Prior Rights Expertise Task Lead

Education: BS, Civil Engineering

John has over **43 years** of experience in the management of public capital improvement projects. He has worked on numerous highway projects with improvements on state right-of-way. He has overseen the preparation of the conflict maps and matrix and has led the preparation of relocation claim letters. John also has experience preparing utility agreements for Caltrans approval reviews.

Danny Mendoza

G. Right-of-Way Phase and Determination Task Lead

Education: College Coursework

Danny has over **22 years** of experience in the right-of-way industry. He has worked on projects related to acquisition, relocation, project management, property management, and project estimating/ budgeting. Danny has been instrumental in the development of key project schedules and budgets for large multimillion-dollar projects.

Melissa Rodriguez, PE

H. Design Task Lead

Education: BS, Civil Engineering

Melissa has over **19 years** of planning and design experience for transportation projects, including project management, roadway design, and the preparation of utility plans, utility coordination and preliminary relocation design; stage construction and traffic handling plans; quantities and cost estimates; and geometric design. She is skilled in leading multidisciplinary design teams. She has strong working relationships with LA Metro, Caltrans District 7, cities, and agency staff throughout Southern California.

Robert Yates

I. Construction Phase Authorization Task Lead; L. Grant Administration Task Lead

Education: BASc, Geography | AAS, Applied Horticulture and Horticultural Business Studies

Robert has **32 years** of transportation planning experience in the Southern California area. He has been instrumental in developing strategic planning studies for several of HDR's clients and award-generating grant applications. Robert is an outside-of-the-box innovator in transportation project definition, transportation project development, and funding strategy design.

Henry Tong, PE

J. Bid Support Services Task Lead

Education: MS, Civil Engineering | BS, Civil Engineering

Henry has over **12 years** of design experience in highway engineering projects. His experience includes designs of numerous regional and local highway facilities, roadway geometrics (horizontal and vertical), interchanges, analyses of Caltrans design exceptions, and preparation of detailed quantity and cost estimates. Henry is specialized in civil surface modeling with InRoads and has prepared 3-D design models for entire freeway interchanges and precise earthwork models for grade separation projects.

Hank Alonso, PE

K. Construction Support Services Task Lead

Education: BS, Civil Engineering

Hank has more than **40 years** of experience in transportation, including managing major highway corridor and bridge construction projects. He spent 21 years at Caltrans District 12 directing and managing engineering work related to highway, bridge, and infrastructure design projects. Hank has an insider's knowledge and insight into the procedures, processes, and standards of Caltrans.

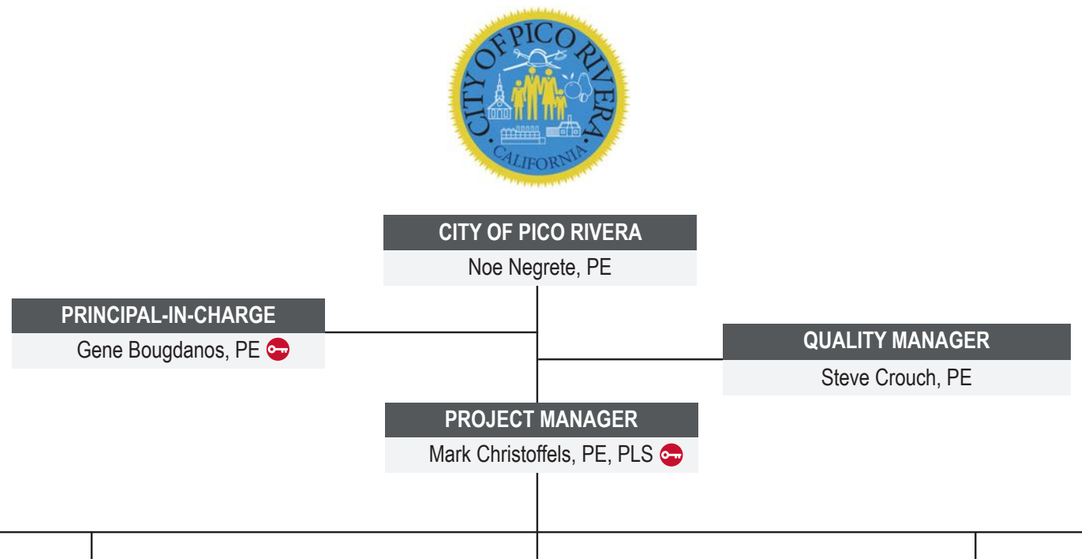
Organizational Chart

Our team was built to meet the anticipated needs of this contract, and we are well suited to staff your projects with local talent. Our organizational chart is shown as **Figure C.1** below. **Key personnel will be available to the extent proposed for the duration of the Professional Services Agreement (PSA), and HDR acknowledges that no person assigned to a project shall be removed or replaced without the prior written concurrence of the City.**

Figure C.1: Organizational Chart

AMH Amheart Solutions ***DBE, DVBE, SBE***
ARE Arellano Associates, LLC ***DBE, SBE***
GAI Geo-Advantec, Inc. ***SBE***
GPA GPA Consulting ***DBE, SBE***
GSI Guida Surveying, Inc. ***SBE***
KES Kroner Environmental Services, Inc. ***DBE, SBE***
S&A Suenram and Associates, Inc. ***DBE, SBE***
T&P Tatsumi and Partners, Inc. ***DBE, SBE***
V&A V&A, Inc. ***DBE, SBE***

Key Personnel
All personnel are HDR unless otherwise noted



MANAGEMENT

A. Project Management
Mark Christoffels, PE, PLS
Terence Pao, PE
Garrett Kaya, PE

B. Community Outreach
JC Erickson - Task Lead
Edna Jimenez (ARE)
Allyson Jeffers
Kolton Kammerer

L. Grant Administration
Robert Yates - Task Lead
Eric Rouse
Bruno Penet
Joel Lessard-Clouston, AICP

ENGINEERING

D. Surveys, Mapping and Field Reviews
Mark Christoffels, PE, PLS - Task Lead
Tim Fettig, PLS (GSI)

H. Design
Melissa Rodriguez, PE - Task Lead
Josephus Rimorin, PE (V&A)
Shawn Ariannia, PhD, PE, GE (GAI)
Michael Aceves (T&P)
Myles Harrold, PE
Gary Goldman, PE, GE
Kent Ko, PE, TE
Brett Brandle, AIA, LEED AP BD+C
Doug Smith, PE
Yana Loginova, PE
Montse Martin, PE

PLANNING

C. Preliminary Engineering and Planning Studies
Wayne Richardson, PE, ENV SP, LEED AP - Task Lead
Marie Lewis Adams, AICP
Doug Smith, PE
Jonathon Damora, EIT (AMH)
Rohit Itadkar, PE, TE
Alex Kemp, PE

E. Environmental Studies and Documentation
George Gorman - Task Lead
Ryan Todaro (GPA)
Jennifer Johnson (GPA)
Philip Jo, PE (KES)

RIGHT-OF-WAY

F. Utility Research and Coordination
John Ballas, PE - Task Lead
Kate Suenram, PE (S&A)
Raymond Ma, EIT
Ryan Quach, PE

G. Right-of-Way Phase and Determination
Danny Mendoza - Task Lead
Jill Craig
Ruben Duran

M. Prior Rights Expertise
John Ballas, PE - Task Lead
Annie Nguyen, EIT
Ryan Quach, PE

CONSTRUCTION

I. Construction Phase Authorization
Robert Yates - Task Lead
Eric Rouse

J. Bid Support Services
Henry Tong, PE - Task Lead
Rvee Pontepsiripong, PE

K. Construction Support Services
Hank Alonso, PE - Task Lead
Bill Wood, PE, CCM, QSP
Johnathan Lopez
Andrew Tee, PE

D. Consultants and/or Sub-Consultants

D. CONSULTANTS AND/OR SUB-CONSULTANTS

Sub-Consultants

HDR strategically organized a team of sub-consultants that bolsters our ability to provide the right expertise and depth of resources necessary to provide services for this contract. Although the City did not establish a small business goal, HDR remains committed to an all-inclusive team that includes local small businesses that will address the Scope of Services required under this contract. HDR has strong working relationships with our sub-consultants, some which have spanned for more than 10 years. Previous project experience with our sub-consultants was previously highlighted as **Table B.1** in Section B Qualifications of the Firm.

Responsibilities and descriptions of services to be provided by our sub-consultants are outlined in the following pages, as well as the address, telephone number, and company profile for each sub-consultant. References for our sub-consultants are highlighted in **Table D.1** on the following pages.

Amheart Solutions (AMH) DBE, DVBE, SBE
Responsibilities: Civil Design Support
Address and Telephone Number: 511 South Harbor Boulevard, Unit R, La Habra, CA 90631 | 714.869.4756

Founded in 2017, **AMH** is a recognized provider of program management and design support services. Their team of experienced professionals offer a broad range of services, including project management, construction management, document control, project coordination, civil design support, and CAD. Their proven track record includes a wide range of projects for the City of Los Angeles, LA Metro, LAWA, and POLB, including large-scale, complex transportation infrastructure projects.

Arellano Associates, LLC (ARE) DBE, SBE
Responsibilities: Outreach Support
Address and Telephone Number: 5851 Pine Avenue, Suite A Chino Hills, CA 91709 | 909.627.2974

Founded in 1994, **ARE** is a professional services consulting firm specializing in communications and public outreach, community and government relations, and strategic planning and marketing programs. They have served many of Southern California's most important public programs. ARE creates and executes specific and tailored community engagement programs and evaluate complex and difficult projects and develop approaches and solutions that provide positive results.

Geo-Advantec, Inc. (GAI) SBE
Responsibilities: Geotechnical, Pavement Analysis, and Design Support
Address and Telephone Number: 457 West Allen Avenue, Suite 113, San Dimas, CA 91773 | 909.305.0400

Founded in 2012, **GAI** provides a full range of geotechnical engineering, materials testing, and inspection services for multiple phases of projects from conceptual design through construction. They own a full-service laboratory accredited by AMRL (AASHTO Materials Reference Laboratory). GAI has a vast knowledge of regulations governing geotechnical engineering/engineering geology and public projects governing codes in Southern California.

GPA Consulting (GPA) DBE, SBE
Responsibilities: Environmental Support
Address and Telephone Number: 840 Apollo Street, Suite 312, El Segundo, CA 90245 | 310.792.2690, ext. 107

Founded in 2023, **GPA** specializes in environmental planning, biological resource studies, and historic preservation planning. Their expertise includes managing the environmental process in compliance with CEQA, NEPA, Endangered Species Act (ESA), California Fish and Game Code, Clean Water Act (CWA), Section 106 of the National Historic Preservation Act (NHPA), and Secretary of the Interior's Standards for the Treatment of Historic Properties, among other state and federal laws.

Guida Surveying, Inc. (GSI) SBE
Responsibilities: Surveying Support
Address and Telephone Number: 220 Commerce, Suite 150, Irvine, CA 92602 | 949.777.2023

Founded in 1995, **GSI** is a woman-owned land surveying and mapping firm with a long history of providing project-based and on-call services throughout California. They have extensive experience working with various clients, including, but not limited to, LACDPW, LA Metro, Caltrans District 7, POLA, POLB, LAWA, and multiple cities.

Kroner Environmental Services, Inc. (KES) DBE, SBE
Responsibilities: Hazardous Materials Support
Address and Telephone Number: 10801 National Boulevard, Suite 415, Los Angeles, CA, 90064 | 310.474.1500

Founded in 2004, **KES** is a full-service consulting, design, planning, and construction services firm that concentrates on environmental engineering and environmental services. As a State of California licensed engineering contractor certified to remove hazardous substances, KES evaluates, investigates and performs site characterizations, underground tank removals, contaminated and hazardous waste removal actions under the direction of regulatory agencies.

Suenram and Associates, Inc. (S&A) DBE, SBE
Responsibilities: Utility Support
Address and Telephone Number: 445 South Figueroa Street, 31st Floor, Los Angeles, CA 90071 | 213.297.7050

Founded in 2018, **S&A** is a professional services firm that provides civil engineering design and consulting services on public works infrastructure projects. They specialize in utility engineering management and utility owner/third-party coordination with support on a variety of transportation and civil projects, including commuter and light-rail projects, heavy rail, highway and bridge infrastructure.

Tatsumi and Partners, Inc. (T&P) DBE, SBE
Responsibilities: Landscape Design Support
Address and Telephone Number: 49 Discovery, Suite 120, Irvine, CA 92618 | 949.453.9901

Founded in 1985, **T&P** provides expertise in aesthetics, design, irrigation design, irrigation system analysis, public outreach, liability risk management, and water management. They have provided unsurpassed service and the highest quality design solutions addressing the unique requirements of public works agencies such as Caltrans, LA Metro, County of Los Angeles, and a variety of cities.

V&A, Inc. (V&A) DBE, SBE
Responsibilities: Civil Design Support
Address and Telephone Number: 1111 South Grand Avenue, Suite 103, Los Angeles, CA 90015, 213.972.9700

Founded in 2018, **V&A** provides a team of civil and traffic engineers that have experience in delivering engineering design services for various cities and transportation entities in Southern California. Services include roadway and site planning and design, bicycle trail design, water system design, traffic signal design, street lighting design, preliminary engineering, and design support during construction. V&A maintains an excellent knowledge of local standards which allows them to adapt to varied tasks.

Table D.1: Sub-Consultant References

Client, Contact, Title, Address, Telephone Number	Description of Projects Completed and Location
AMH	
LA Metro **Sangjun Lee, PE** ***Director, Engineering*** One Gateway Plaza Los Angeles, CA 90012 213.364.0354	**Link US Project | Los Angeles, CA** **Description:** The purpose of Link US is to increase the overall capacity of Los Angeles Union Station and prepare Southern California for the expected future growth of both Regional Rail (commuter rail and intercity rail) and the California High-Speed Rail Blended System. Link US has been identified as the No. 1 needed regional rail project in Southern California.
POLB **Clint Herrera, PE, MPA** ***Assistant Director of Engineering Design*** 415 West Ocean Boulevard Long Beach, CA 90802 626.384.0945	**Pier B On-Dock Rail Support Facility | Long Beach, CA** **Description:** POLB is modernizing its On-Dock Rail Support Facility infrastructure to reap more of the sustainable benefits of shipping goods by rail rather than by truck.
LAWA **Bill Perente, PE** ***Project Contract Manager*** 7301 World Way West, 9th Floor Los Angeles, CA 90045 949.420.5008	**APM Landside Access Modernization Program | Los Angeles, CA** **Description:** This project is a design-build contract to implement an APM system for LAWA. The goal of this modernization program is to provide quick, reliable access to terminals, the Metro rail station, and rental car sites for passengers and users at Los Angeles International Airport (LAX).
ARE	
LA Metro **Jenny Cristales-Cevallos** ***Senior Manager, Transportation Planning*** One Gateway Plaza Los Angeles, CA 90012 213.418.3026	**Eastside Transit Corridor Phase 2 | Los Angeles County, CA** **Description:** The project is an approximate 9-mile extension of the Metro E Line farther east from its current terminus at Pomona Boulevard and Atlantic Boulevard in East Los Angeles.
City of Pico Rivera **Javier Hernandez** ***Director of Innovation and Communication*** 6615 Passons Boulevard Pico Rivera, CA 90660 562.801.4395	**Telegraph Road Over San Gabriel River Bridge Replacement | Pico Rivera, CA** **Description:** The purpose of the project is to replace and widen the bridge by adding a travel lane in each direction to reduce existing and future congestion from I-605.
LACDPW **Martin Reyes, PE, AICP** ***Transportation Deputy (former Project Manager for LACDPW)*** 4801 East Third Street Los Angeles, CA 90022 323.881.4601	**Rosemead Boulevard Complete Streets Improvements Phase 1 | South El Monte and Pico Rivera, CA** **Description:** The project is a complete streets treatment on a 2.6-mile segment of Rosemead Boulevard. It is a six-lane divided highway with no bicycle facilities and isolated sidewalk segments on the overcrossing for SR-60.

Table D.1: Sub-Consultant References (Continued)

Client, Contact, Title, Address, Telephone Number	Description of Projects Completed and Location
GAI	
City of San Dimas **Shari Garwick** ***Public Works Director*** 245 East Bonita Avenue San Dimas, CA 91773 909.394.6240	**Pavement Distress within the San Dimas Loop | San Dimas, CA** **Description:** The project involved the design of the geotechnical repair for the San Dimas Loop. The San Dimas Loop within the area of concern is bounded by ascending and descending slopes on both sides. **East Bonita Avenue Pavement Rehabilitation | San Dimas, CA** **Description:** The project involved the pavement rehabilitation of Bonita Avenue between San Dimas Avenue and the eastern City of San Dimas limits approximately 600 feet east of San Dimas Canyon Road.
City of Burbank **Artin Megerdichian** ***Principal Civil Engineer*** 150 North Third Street Burbank, CA 91502 818.238.3942	**Burbank Channel Bikeway Project | Burbank, CA** **Description:** The project included the construction of a new sidewalk and boardwalk, installation of piles where the boardwalk is elevated above the ground surface, installation of modular walls and various culverts, ramps lighting and restriping for the site.
City of La Canada Flintridge **Maged El-Rabaa, PE** ***City Engineer*** 1327 Foothill Boulevard La Canada Flintridge, CA 91011 818.790-8882, ext. 205	**Rockfall Stability Between YMCA and Joanne's Sewing Store | La Canada Flintridge, CA** **Description:** The project involved the mitigation and stability of the rockfall, which exhibited multiple open fractures with two joint sets, and numerous loose rocks on the face of the rockfall area, which were in danger of falling. **Pavement Failure at 4910 Hampstead Road | La Canada Flintridge, CA** **Description:** The purpose of the project was to evaluate the surficial stability of the cut-fill slope, repair and stabilize the slope, if warranted, and repair the distressed pavement along Hampstead Road.
GPA	
City of Camarillo, Department of Public Works **Thang Tran** ***Associate Engineer*** 601 Carmen Drive Camarillo, CA 93010 805.388.5345	**Central Avenue Bike Lane | Camarillo, CA** **Description:** The project aims to make the City of Camarillo safer and more accessible for bicyclists. New bicycle lanes, each about 1,700 feet long, are expected be constructed on both the northeast and southwest sides of Central Avenue, beginning near the US-101 interchange and continuing northwest to the City of Camarillo limits.

Table D.1: Sub-Consultant References (Continued)

Client, Contact, Title, Address, Telephone Number	Description of Projects Completed and Location
Caltrans District 8 **Aaron Burton** ***Senior Environmental Planner, Local Assistance - Environmental Support*** 464 West Fourth Street, 6th Floor, MS 760 San Bernardino, CA 92401 909.383.2841	**Nuevo Road Bridge | Riverside County, CA** **Description:** The Riverside County Transportation Department proposes to rehabilitate and widen Nuevo Road Bridge over San Jacinto River. The bridge, built in 1956, is functionally obsolete in accordance with Caltrans Structure Maintenance and Investigations' Bridge Inspection Report.
City of Sacramento **Stephanie Saiz** ***Assistant Civil Engineer, Department of Public Works*** 915 I Street, 2nd Floor Sacramento, CA 95814 916.808.6808	**Valley Hi Drive/La Mancha Way Project | Sacramento, CA** **Description:** The project will enhance safety of the roadway segment of Valley Hi Drive and La Mancha Way bounded to the south by Bruceville Road and to the north by Creek Centre Court. The project consists of installing a new traffic signal and pedestrian crossing, curb extensions, and pedestrian median fencing, and extending the raised medians.
GSI	
LACDPW **Jennifer Lung** ***Project Manager*** 900 South Fremont Avenue Alhambra, CA 91803 626.300.2349	**On-Call Mapping and Survey Services | Los Angeles County, CA** **Description:** The on-call included providing mapping and surveying services for the construction, repair, and demolition of capital projects throughout Los Angeles County.
Irvine Ranch Water District **Joe McGhee, PE** ***Senior Engineer*** 15600 Sand Canyon Avenue Irvine, CA 92618 949.453.5542	**On-Call Land Surveying Services | Irvine, CA** **Description:** The on-call included providing land surveying, mapping, and right-of-way engineering on numerous improvement projects.
South Coast Water District **Taryn Kjolsing, PE** ***Engineering Manager*** 31592 West Street Laguna Beach, CA 92651 949.499.4555, ext. 3171	**On-Call Land Surveying Services | Laguna Beach, CA** **Description:** The on-call included providing mapping and surveying services for infrastructure sewer and water pipelines, pump stations, reservoirs, and other facility improvements.

Table D.1: Sub-Consultant References (Continued)

Client, Contact, Title, Address, Telephone Number	Description of Projects Completed and Location
KES	
Metro Gold Line Foothill Extension Construction Authority **Chris Burner** ***Chief Project Officer*** 406 Huntington Drive, Suite 202 Monrovia, CA 91016 626.305.7003	**Metro Gold Line Foothill Extension Phase 2A | Pasadena to Azusa, CA** **Description:** Phase 2A of the project includes the design and construction of 11.5 miles of double light rail main track in Los Angeles County with 15 elevated guideway bridges, six stations, 14 at-grade rail crossings, and a 24-acre maintenance and operations facility. **Metro Gold Line Foothill Extension Phase 2B | Azusa to Pomona, CA** **Description:** Phase 2B of the project includes a 12.3-mile light rail from Glendora to Montclair and will connect regional destinations, including two dozen colleges and universities within a short walk, bicycle or bus ride from one of the future stations.
LA Metro **Julio Perucho** ***Director, Program Management*** One Gateway Plaza Los Angeles, CA 90012 213.922.4387	**City of Lynwood Intersection Improvements | Lynwood, CA** **Description:** LA Metro, in cooperation with the City of Lynwood, is proposing improvements to Imperial Highway between State Street and Wright Road in the City of Lynwood. **City of Compton Intersection Improvements | Compton, CA** **Description:** LA Metro, in cooperation with the City of Compton and the County of Los Angeles, is proposing improvements to the Rosecrans Avenue/Atlantic Avenue and Artesia Boulevard/Santa Fe Avenue intersections.
LA Metro **Robert Machuca** ***Program Manager*** One Gateway Plaza Los Angeles, CA 90012 213.922.2000	**SR-57/SR-60 Interchange Improvement Project PS&E | Los Angeles County, CA** **Description:** The project consists of 2.5 miles of freeway improvement on the merged section of SR-60 and SR-57 through the Cities of Diamond Bar and Industry.
S&A	
LA Metro **Michael Harrington** ***DEO, Director of Project Engineering*** One Gateway Plaza Los Angeles, CA 90012 213.893.7163	**Regional Connector Transit Corridor | Los Angeles, CA** **Description:** 1.9 miles of new track was laid as part of this project and will allow light rail trains to travel between Union Station and the busy 7th Street/Metro Center Station in Downtown's Financial District.

Table D.1: Sub-Consultant References (Continued)

Client, Contact, Title, Address, Telephone Number	Description of Projects Completed and Location
LA Metro **Eduardo Cervantes** ***Senior Executive Officer, Office of Strategic Innovation*** One Gateway Plaza Los Angeles, CA 90012 213.922.7255 **LA Metro** **Dan Estrada** ***Deputy Executive Office*** One Gateway Plaza Los Angeles, CA 90012 estradad@metro.net 213.893.7130	**Regional Connector Transit Corridor | Los Angeles, CA** **Description:** 1.9 miles of new track was laid as part of this project and will allow light rail trains to travel between Union Station and the busy 7th Street/Metro Center Station in Downtown's Financial District. **East San Fernando Valley Transit Project | Los Angeles, CA** **Description:** The project ill improve connections and access to crucial destinations while connecting transit users to the growing network in the San Fernando Valley.
T&P	
LACDPW **Jim Bazinet** ***Landscape Architect Architectural Engineering Division*** 900 South Fremont Avenue Alhambra, CA 91803 626.300.3218	**On-Call | Los Angeles County, CA** **Description:** The on-call included various types of projects related to transportation and "green" streets. Specific TO projects included the designs for Altadena Monument Signs, Puente Creek Greenway screening landscape, Burton Chase Park, and Workman Mill Road bikeway landscape.
LA Metro **Ernesto Chaves** ***Project Manager*** One Gateway Plaza Los Angeles, CA 90012 213.547.4362	**I-710 Corridor EIR/EIS | Los Angeles County, CA** **Description:** The project included a Visual Impact Assessment (VIA). Over 50 key points along the 18-mile project site were identified and assessed for value to the VIA - 31 key points were selected for inclusion in the VIA.
Caltrans District 8 **Miriam Bishop** ***Landscape Architect*** 464 West Fourth Street, 10th Floor San Bernardino, CA 92401 213.598.5220	**I-15/I-215 Devore Interchange Improvements | Devore, CA** **Description:** The project improvements included the addition of one northbound lane and one southbound lane on I-15 between I-215 and Glen Helen Parkway.

Table D.1: Sub-Consultant References (Continued)

Client, Contact, Title, Address, Telephone Number	Description of Projects Completed and Location
V&A	
LADOT **Ricardo Rivera** ***Transportation Engineer — LA Metro Programs Division*** 100 South Main Street Los Angeles, CA 90012 213.928.9680	**K-Line (Crenshaw/LAX) Transit Corridor Project | Los Angeles, CA** **Description:** The project will connect the Expo Line via the Crenshaw Corridor through Inglewood to the C (formerly Green) Line near LAX. This 8.5-mile light rail expansion is a key expansion of the Metro rail system.
LABOE **Ignacio Villa** ***Civil Engineering Associate IV — Bridge Improvement Division*** 1149 South Broadway, Suite 750 Los Angeles, CA 90015 213.485.4942	**Riverside Bridge Roundabout | Los Angeles, CA** **Description:** The project consisted of the replacement of the old bridge as well as multiple street and traffic improvements, including the City of Los Angeles' first modern traffic roundabout. The two lane roundabout on the east side of the bridge was designed to move traffic through the circle in a faster and safer configuration than a traffic light.
LABOE **Curtis Tran** ***Senior Civil Engineer - LA Metro Transit Division*** 1149 South Broadway, 6th Floor Los Angeles, CA 90015 213.485.4504	**I-405 Sepulveda Pass Improvements Project | Los Angeles, CA** **Description:** The project added a 10-mile HOV lane and improved supporting infrastructure such as ramps, bridges, and sound walls. The segment of the I-405 between the I-10 and US-101 freeways was widened.

E. Work Approach

E. WORK APPROACH

A. Project Management

Project management will include coordinating and being responsible for scheduling meetings, managing the project schedule, preparing and distributing minutes, field reviews, tracking action items for the City and consultant sub-consultants, and, for federally funded projects, preparing submissions for the City to submit to Caltrans Local Assistance.

HDR will develop a Project Management Plan (PMP) for this contract, similar to those that we have implemented for the successful project delivery for our local municipal clients.

As seen as **Figure E.1**, the PMP will guide our overall project management, will be scalable, and can be customized to the specific needs and size of each TO or project. HDR's PMP will emphasize project communication procedures, delivery of the required services, the submittal process and securing approvals. The PMP incorporates the four following key elements:

1. Operations Plan. The Operations Plan will assign the appropriate staff and verify that they have a clear direction, well-defined deliverables, and fully understand the scope, process, schedule, budget, and priorities. Project document control and sub-consultant management guidelines will be defined.

2. Communication Plan. The Communication Plan will establish the communication protocol to verify that project concerns, issues, and directions will be handled promptly and effectively. The Communication Plan will include team member contact information and communication procedures, including guidelines for email, distribution lists, document forms and templates, and a communication protocol matrix.

It will be distributed to the entire team and defines the roles and responsibilities of each team member.

3. Quality Management Plan (QMP). The QMP will define the procedures and requirements for the project deliverables to meet HDR, City, and local agencies' (if applicable) standards. Once the schedule is approved, the QMP will list mandatory management reviews, deliverable reviews, and interdisciplinary reviews, with dates and identified reviewers.

4. Production Plan. The Production Plan will outline each team member's responsibilities, procedures for initiating and advancing the work, and timing of the preparation of deliverables. Design criteria and CAD standards will be defined.

Figure E.1: HDR's Proven PMP

B. Community Outreach

Community outreach will include attending and providing support and materials for City and/or City Council presentations and community outreach meetings, including but not limited to, PowerPoint presentations, project fact sheets, concept renderings, GIS storymaps, plans and drawings and answering questions from the public and/or committee or council members. Graphic visuals shall be prepared for both print and digital applications.

Outreach efforts will be closely coordinated and based on direction from City staff. Once it is determined that a study and/or a design effort requires public input, the HDR Team will offer specific recommendations on the methods and timing as well as the types of support material to be used. We will collaborate with the City on identifying stakeholders and the most effective outreach methods. Outreach efforts can range from in-person community meetings, virtual meetings, or web-based community input to material that is direct mailed. The HDR Team is also prepared to support City staff with community communications during construction with roadway advisories and pre-construction community information events.

HDR Relevant Project Experience

As part of the **LACDPW LA County Proposition 218 Outreach Support Project**, our Community Outreach Task Lead, **JC Erickson**, is supporting the Sewer Maintenance Division with community outreach aimed at raising public awareness of the needs and benefits associated with the proposed increase in the annual sewer service charge.

C. Preliminary Engineering and Planning Studies

Upon the decision of the City to initiate studies to determine the feasibility of a project, the HDR Team will work with City staff to establish a scope to provide the City, community, and City Council the information needed to make decisions to pursue the project further, make modifications, or potentially take a different approach. These initial studies could include Feasibility Studies, Preliminary Project Reports, environmental screening, geometrics, right-of-way impacts, traffic impact analyses, cost estimating, energy savings, sustainability reviews, safety reviews, compliance with the goals of the mobility element of the City's General Plan, and compatibility with regional plans. Under preliminary engineering and planning studies, plan development can reach the 30 percent conceptual level and result in the initiation of required environmental studies.

D. Surveys, Mapping, and Field Reviews

HDR is prepared to provide requested survey services, including preparing base mapping for roadway projects, property boundary surveys, alta surveys, and of right-of-way maps; setting or re-establishing survey monuments; establishing elevation monuments; and checking grades during construction. The scope of comprehensive base mapping and surveying will include Control Surveys, Topographic Surveys, Monument Establishment, Aerial Photogrammetry, Right-of-Way Retracement, and a Record of Survey. Formal surveying shall be conducted in accordance with the Professional Land Surveyors' Act and California Business and Professions Code. Survey work will also include review of record drawings and field verification.

E. Environmental Studies and Documentation

The HDR Team can assist with the type of environmental documentation and supporting studies that are required for the City's projects. HDR can prepare documentation from exemption to full EIRs and can do so for both compliance with CEQA and NEPA depending on the dedicated funding sources for the project. The environmental analyses will also include the application for required regulatory permits such as NPDES, CWA Section 401 certification, as well as encroachment permits from agencies such as Caltrans and the County of Los Angeles. For NEPA documents, HDR will assist in obtaining the appropriate federal agency approvals, or when delegated to the state, from Caltrans.

F. Utility Research and Coordination

Most roadway projects will impact, in some manner, both existing overhead and underground utilities as well as proposed additions or upgrades of those facilities. The HDR Team will assist the City in determining the location and potential impacts to utilities within the project limits, including gravity systems such as sewer and storm drains. This work will include requesting and reviewing utility maps, preparing utility base sheets, creating a utility matrix, and verifying utility locations in the field. Once impacts are determined, the HDR Team will assist the City in the coordination with the affected utility companies and/or public agencies responsible for the modification or relocation of those facilities.

HDR Relevant Project Experience

As part of the **LA Metro SR-57/SR-60 Interchange Improvement Project PS&E**, our Utility Research and Coordination Task Lead, **John Ballas**, coordinated utility permits from six governmental agencies and six utility companies while maintaining project schedule.

G. Right-of-Way Phase and Determination

The HDR Team will assist the City on projects determined to require the acquisition of right-of-way by providing appraisal services and property assessments, preparing offers to purchase, and coordinating escrow documents and recordation. In addition, HDR is prepared to provide documentation required for eminent domain proceedings and filings. Acquisitions can include temporary construction easements, right of entries, permanent easements, and partial and full acquisitions, including relocation assistance (if required by law). If the project is federally funded, the required right-of-way certifications in accordance with Caltrans Local Assistance Procedures Manual will be prepared and submitted for approval.

H. Design

Upon the City's determination to proceed with a project, the HDR Team will assist the City in completing necessary plans, specifications, and estimates for the project. These services may include, but not be limited to, geotechnical, roadway, geometrics, traffic signal design, striping, signage, drainage and sewer facilities, lighting, landscaping, city buildings, bridges, water, sewer, storm drain systems, transit facilities, bikeways, and ADA improvements. Plans and specifications will be made

to City standards and requirements (i.e. Greenbook, AutoCAD standard plans, and specifications), or if under another agency's jurisdiction, will be to those standards. Detailed cost estimates will be prepared at each phase of design (30 percent, 65 percent, 95 percent, and 100 percent). Design efforts will include the application for, and the processing of, required regulatory/encroachment permits which will be made a part of the project specifications.

HDR Relevant Project Experience

As part of the reevaluation of the Environmental Document for the **LA Metro Whittier Boulevard Intersection Improvements PS&E**, HDR performed a QC review of the traffic analysis methodology and determined that widening for the proposed right turning lanes at both intersection improvements were not necessary. We saved the City of Whittier additional cost for construction and eliminated the need for permanent acquisitions due to the proposed widening.

I. Construction Phase Authorization

Most federal grants, as well as some state and regional grants, will require the City to apply for Request for Authorization to proceed to construction. For federally funded projects, this will require obtaining approval of an E-76 form, that in turn may require right-of-way certifications, utility certifications, agency cooperative agreements, as well as environmental clearance documentation. When cities, familiarity with these forms and requirements is limited, the HDR Team can assist in completing these approval requests and supporting documentation which we achieve on a regular basis. The HDR Team is prepared to assist the City in preparation of these documents for submittal, including working with the Caltrans Local Assistance Office, if necessary, and verifying that project documentation is in order for subsequent audits.

J. Bid Support Services

Under bid support services, HDR will provide an electronic copy of the final approved plans and specifications (plans in both AutoCAD and PDF formats; specifications in both MS Word and PDF formats) and a hard copy of the final approved specifications.

Upon the City's release of the solicitation for bids for a project, the HDR Team will assist the City in responding to bid document inquires, prepare addendums as needed, review bids upon receipt, assist with responses to protests, and also assist with processing the award documentation.

K. Construction Support Services

During construction, the HDR Team will assist the City, as necessary, with responding to RFIs, reviewing submittals and shop drawings, reviewing construction claims, providing inspection and construction management services, and providing recommendations and support for unforeseen conditions during construction. Services will also include attending pre-construction meetings, construction progress meetings, and field meetings. Upon project completion, the City will be provided as-built final plans that includes AutoCAD files with necessary revision notations.

L. Grant Administration

The HDR Team is prepared to assist the City in researching grant opportunities, assessing grant criteria fit to the various projects or studies the City is pursuing, preparing grant applications and support material, assisting staff in obtaining agency support letters, following up on inquiries from the grantors, and assisting with Award Package and Final Report

of Expenditures. Once the City has been awarded grant funding, the HDR Team will assist the City in preparing required Authorizations to Proceed (E-76) for phases and assist with preparation of invoices for grant reimbursements.

HDR Relevant Project Experience

As part of the **City of Beverly Hills Department of Public Works North Portal Rebuilding American Infrastructure with Sustainability and Equity (RAISE) Grant Application**, our Grant Administration Task Lead, **Robert Yates**, implemented the grant development schedule, narrative outline, reviews in coordination with City of Beverly Hills staff, and the delivery of the application and supporting materials for input into the RAISE Grants website.

M. Prior Rights Expertise

After the determination that a utility relocation will be necessary, the City must determine who will be responsible for the costs of the relocation. This will be dependent on where the utility is located, when it was installed, and the franchise agreements it is operating under. The HDR Team will assist the City in reviewing the applicable franchise agreements, applicable state statutes, easements descriptions, and utility plans to determine cost allocations. HDR will provide and coordinate research of prior rights. We will coordinate and track requests and receipt of prior rights from third-parties as part of an iterative process. A Report of Investigation (ROI) will be prepared that will include a review by the City Attorney's Office to validate prior rights. The HDR Team will also represent the City at meetings with utilities regarding the determination of prior rights and cost allocations.

HDR will serve as the single focal point for utility issues in relation to prior rights and the nature of replacements rights that result. In addition, HDR will provide the City with a detailed utility matrix and log.

Our Work Approach Philosophy

The HDR Team is collectively committed to achieving client satisfaction and providing an exceptional level of experience and successful project delivery. We have the depth of expertise and resources to be flexible and responsive, and we recognize the importance of schedule and budget constraints, as well as the requirements for quality.

Mark and our Task Leads will meet with the City Project Manager and the Project Development Team (PDT) to discuss aspects of the task, goals, objectives and expectations. He will then prepare a PMP with a Work Plan that includes a well-defined scope of work, staffing plan, schedule, and budget for the City Project Manager's review and approval. Following City approval, HDR will commence work by implementing our proven work plan systems and procedures in accordance with the contract.

Norwalk Boulevard and Slauson Avenue Traffic and Pavement Improvements - HDR is preparing traffic control plans and signing and striping plans for the roadway pavement reconstruction work under design by LACDPW staff.

The approach for each TO will follow HDR's well-established procedures for similar projects that we have completed. The HDR Team is well versed in the applicable codes, guidelines, and regulations applicable to the Scope of Services that may be needed by the City. Our practice of obtaining early involvement from stakeholders and identifying opportunities for cost savings will be of significant benefit to the City.

The HDR Team will collaborate with the City Project Manager and engage stakeholders to be involved in the project development. We will be effectively engaged to work closely with City staff and stakeholders to understand and meet project objectives and expectations.

The HDR Team will:

- anticipate and proactively manage challenges
- control costs, providing efficient and cost-effective services
- produce quality deliverables and minimize the amount of rework
- complete the project on schedule and within budget with the highest level of quality

PCH Mobility Improvement Project PA&ED - HDR is assisting the City of Hermosa Beach with addressing pedestrian safety and corridor aesthetics while implementing traffic-calming and overall mobility improvements.

F. Client References

F. CLIENT REFERENCES

HDR References

We pride ourselves on providing a quality product that exceeds our clients' expectations. As evidenced by our client references shown **Table F.1** below, HDR has an impressive track record of adhering to budget and schedules to produce successful project delivery.

Table F.1: HDR References

Client Name, Contact Name, Title, Address, Phone Number	Description of Projects Completed and Location
City of Pico Rivera **Javier Hernandez** ***Director of Innovation and Communication*** 6615 Passons Boulevard Pico Rivera, CA 90660 562.801.4395	**Rosemead-Lakewood Boulevard BRT | Los Angeles County, CA** **Description:** The City contracted with HDR to assist with evaluating the potential for a transit hub within their jurisdiction that would include relocation of the existing Metrolink station from Commerce to Pico Rivera, the establishment of a BRT along the adjacent north-south Lakewood-Rosemead Boulevard corridor from Long Beach to Pasadena, and the incorporation of the proposed Metro E Line Station at Washington Boulevard on this corridor.
LA Metro **Julio Perucho** ***Director, Program Management*** One Gateway Plaza Los Angeles, CA 90012 213.922.4387	**On-Call Highway Program Project Delivery Support Services | Los Angeles County, CA** **Description:** Since 2020, HDR has been providing roadway, structure, and drainage engineering services. Completed TOs include, but are not limited to, Whittier Boulevard Intersection Improvements PS&E, City of Compton Intersection Improvements PA&ED, and City of Lynwood Imperial Highway Corridor Capacity Enhancements PA&ED and PS&E.
City of Compton, Public Works Department **John Strickland Jr.** ***Project Manager*** 205 South Willowbrook Avenue Compton, CA 90220 310.605.5505	**City of Compton Intersection Improvements PA&ED | City of Compton, CA** **Description:** The project proposed implementing focused congestion mitigation measures with intersection improvements at Rosecrans Avenue/ Atlantic Avenue and Artesia Boulevard/Santa Fe Avenue, providing congestion relief during peak hours. HDR delivered environmental approval and 35 percent engineering for proposed improvements
LACDPW **Maria Sim** ***Civil Engineer*** 900 South Fremont Avenue Alhambra, CA 91803 626.458.5956	**As-Needed Engineering Design and Support Services for the Road/ Flood Control Construction | Los Angeles County, CA** **Description:** In 2018, HDR was selected by LACDPW to provide as-needed engineering and design support services on various federally and non-federally funded projects. Completed TOs include, but not limited to, Los Angeles River Bike Path, Soledad Canyon Bridge over the Santa Clara River, and Norwalk Boulevard and Slauson Avenue Traffic and Pavement Improvements.

G. Rights to Materials

G. RIGHTS TO MATERIALS

All responses, inquiries, and correspondence relating to this RFP and all reports, charts, displays, schedules, exhibits, and other documentation produced by HDR that are submitted as part of the proposal and not withdrawn shall, upon receipt by City, become property of City.

Additional Attachments

H. Schedule of Hourly Rates

H. SCHEDULE OF HOURLY RATES

Prevailing Wage assignments will be charged based on the State of California Department of Industrial Relations (DIR). For Scope of Services subject to Prevailing Wage, the hourly pay, including overtime; weekend; holiday; travel and subsistence; and shift provisions is to follow DIR Prevailing Wage. Please refer to the DIR website: https://www.dir.ca.gov/Public-Works/Prevailing-Wage.html

Prime Firm:	**HDR Engineering, Inc.**
Subconsultant Firm:	**---**
Classification	**Hourly Rate**
Principal-in-Charge	$477.00
Senior Project Manager	$460.00
Sr. Technical Advisor	$438.00
Project Manager	$405.00
Technical Advisor	$466.00
Sr. Task Manager	$412.00
Sr. Task Manager - Structures	$392.00
Sr. Task Manager - Traffic	$399.00
Task Manager	$355.00
Senior Engineer	$318.00
CADD/BIM Task Lead	$318.00
Sr. Project Administrator	$318.00
Quality Manager	$305.00
Sr. Task Lead	$286.00
Sr. Task Lead - Environmental	$308.00
Sr. Traffic Engineer	$298.00
Environmental III	$251.00
Sr. Project Engineer/Planner/ Architect/ Geotech	$251.00
Engineer III	$239.00
CADD/BIM Specialist III	$234.00
Traffic Engineer III	$227.00
Environmental II	$217.00
Project Engineer/ Planner/ Architect/ Geotech	$212.00
Sr Project Accountant	$198.00
Sr. Landscape Architect	$210.00
CADD/BIM Specialist II	$186.00
Task Lead	$180.00
Engineer II	$177.00
Traffic Engineer II	$176.00
CADD/BIM Specialist I	$167.00
Environmental I	$154.00
Designer	$151.00
Project Accountant	$148.00
Traffic Engineer I	$151.00
Engineer I	$135.00
Project Administrator II	$118.00
Project Administrator I	$101.00

Subconsultant Firm:	Amheart Solutions
Classification	**Hourly Rate**
Civil Designer I	$101.84
Civil Designer II	$113.15
Civil Designer III	$124.47
Civil Engineer I	$135.78
Civil Engineer II	$147.10

Subconsultant Firm:	Arellano Associates, LLC
Classification	**Hourly Rate**
Project Manager	$221.03
Deputy Project Manager	$179.06
Creative Lead	$179.06
Senior Project Coordinator	$151.08
Media Lead	$151.08
Project Coordinator	$109.11
Creative Coordinator	$109.11
Assistant Project Coordinator	$78.34

Subconsultant Firm:	Geo-Advantec, Inc.
Classification	**Hourly Rate**
Principal Geotechnical Engineer	$250.00
Principal Engineering Geologist	$250.00
Senior Project Engineer	$200.00
Staff Engineer	$150.00
GIS Technician	$150.00
Laboratory Manager	$125.00
Drafter/CAD Technician	$90.00
Senior Engineer/Registered Geotechnical Engineer	$200.00
Senior Field Engineer/Field Operation Manager	$150.00
Senior Lab Technician	$110.00
Senior Field Technician	$150.00

Subconsultant Firm:	GPA Consulting
Classification	**Hourly Rate**
Principal Environmental Planner	$363.00
Senior Associate Environmental Planner	$289.00
Senior Environmental Planner	$210.00
Associate Environmental Planner	$142.00
Environmental Planner	$116.00
Senior Associate Biologist	$247.00

Senior Biologist	$200.00
Associate Biologist	$142.00
Biologist	$116.00
Principal Architectural Historian	$331.00
Senior Associate Architectural Historian	$221.00
Senior Architectural Historian	$184.00
Associate Architectural Historian	$147.00
Architectural Historian II	$116.00
Architectural Historian I	$105.00
Senior GIS Analyst	$189.00
Project Coordinator	$132.00
Administrative Assistant	$84.00
Intern	$69.00

Subconsultant Firm:	**Guida Surveying, Inc.**
Classification	**Hourly Rate**
Survey Principal	$335.00
Senior Survey Project Manager	$300.00
Survey Project Manager	$265.00
Senior Project Surveyor	$250.00
Project Surveyor	$230.00
Senior Survey Analyst	$205.00
Survey Analyst	$150.00
Survey Technician	$155.00
Survey Project Coordinator	$155.00
Survey Intern	$120.00
1-Person Survey Crew**	$270.00
2-Person Survey Crew**	$430.00
3-Person Survey Crew**	$580.00

**Denotes Classifications subject to prevailing wage

Subconsultant Firm:	**Kroner Environmental Services, Inc.**
Classification	**Hourly Rate**
Senior Level Professional	$250.00
Mid Level Professional	$195.00
Junior Level Professional	$165.00
Technician	$135.00
Operating Engineer	$145.00
Laborer	$125.00
Administrator	$100.00

Subconsultant Firm:	Suenram and Associates, Inc.
Classification	**Hourly Rate**
Principal Utility Lead	$211.26
Utility Task Lead	$158.10
Utility Engineer III	$117.94
Utility Engineer II	$98.95
Utility Engineer I	$88.31

Subconsultant Firm:	Tatsumi and Partners, Inc.
Classification	**Hourly Rate**
Senior Principal	$ 265.00
Senior Associate	$ 178.00
Senior Designer	$ 151.00
Task Leader	$ 127.00
Technical Staff III	$ 116.00
Technical Staff II	$ 105.00
Technical Staff I	$ 79.00

Subconsultant Firm:	V&A, Inc.
Classification	**Hourly Rate**
Project Manager	$249.60
Senior Project Engineer	$212.16
CADD Manager	$156.00

I. Non-Collusion Affidavit

I. NON-COLLUSION AFFIDAVIT

APPENDIX C
NON-COLLUSION AFFIDAVIT

The undersigned declares states and certifies that:

1. This Proposal is not made in the interest of, or on behalf of any undisclosed person, partnership, company, association, organization or corporation. This Proposal is genuine and not collusive or sham.

2. I have not directly or indirectly induced or solicited any other Proposer to put in a false or sham proposal and I have not directly or indirectly colluded, conspired, connived, or agreed with any other Proposer or anyone else to put in sham proposal or to refrain from submitting to this RFP.

3. I have not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the proposal price or to fix any overhead, profit or cost element of the proposal price or to secure any advantage against the City of Pico Rivera or of anyone interested in the proposed contract.

4. All statements contained in the Proposal and related documents are true.

5. I have not directly or indirectly submitted the proposal price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay any fee to any person, corporation, partnership, company, association, organization, RFP depository, or to any member or agent thereof to effectuate a collusive or sham proposal.

6. I have not entered into any arrangement or agreement with any City of Pico Rivera public officer in connection with this proposal.

7. I understand collusive bidding is a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards.

Signature of Authorized Representative

Thomas T. Kim

Name of Authorized Representative

Senior Vice President

Title of Authorized Representative

J. Exceptions or Additions to Sample Agreement

J. EXCEPTIONS OR ADDITIONS TO SAMPLE AGREEMENT

HDR would like to further discuss the following modifications to the Sample Professional Services Agreement (Appendix B of the RFP). We look forward to working with the City to incorporate language changes to the PSA, if agreeable.

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5. CONSULTANT'S SERVICES

5.2 Consultant shall perform all work to the ~~highest~~ professional standards of Consultant's profession and in ~~a manner reasonably satisfactory to City~~ **accordance with the requirements of this Agreement**.

6. COMPENSATION

6.3 Fees for such additional services shall be paid within ~~sixty (60)~~ **thirty (30)** days of the date Consultant issues an invoice to City for such services.

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11. OWNERSHIP OF WRITTEN PRODUCTS

All reports, documents or other written material ("written products") developed by Consultant in the performance of this Agreement shall be and remain the property of City without restriction or limitation upon its use or dissemination by City. **However, any modification or reuse of the written products for purposes other than those intended by this Agreement shall be at City's sole risk and without liability to Consultant.**

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15. INDEMNIFICATION

15.1 The Parties agree that City, its officers, agents, elected and appointed officials,employees, affiliated public agencies and volunteers should, to the extent permitted by law, be fully protected from any loss, injury, damage, claim, lawsuit, cost, expense, attorneys' fees, litigation costs, or any other cost ~~arising out of or in any way related to the performance of this Agreement.~~ **that are subject to Consultant's indemnification obligations in this Section 15.**

15.2 To the full extent permitted by law, Consultant shall indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property **to the extent** resulting from or arising out of any ~~alleged~~ intentional **misconduct**, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant or any of its officers, employees, servants, agents, or subconsultants in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees ~~incurred by counsel of City's choice~~ and expert witness fees and consultant fees.

15.5 In the event Consultant fails to obtain such indemnity obligations from others as required herein, Consultant agrees to be fully responsible and indemnify, hold harmless and defend City, its officers, agents,

elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property **to the extent** resulting from or arising out of any ~~alleged~~ intentional **misconduct**, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant's subconsultants or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees ~~incurred by counsel of City's choice~~ and expert witness fees and consultant fees.

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16. INSURANCE

16.7 All of the policies required under this Agreement shall contain an endorsement providing that the policies cannot be canceled or ~~reduced~~ **materially changed** except on thirty days' prior written notice to City.

16.10 Any deductibles or self-insured retentions must be declared to and approved by the City. ~~At the option of City, Consultant shall either reduce or eliminate the deductibles or selfinsured retentions with respect to City, or Consultant shall procure a bond guaranteeing payment of losses and expenses~~.

17. MUTUAL COOPERATION

17.1 City shall provide Consultant with all pertinent data, documents and other requested information as is reasonably available to City for the proper performance of Consultant's services under this Agreement. **Consultant shall be entitled to rely upon such documents and information, provided that Consultant will provide City prompt written notice of any known defects in such documents and information.**

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22. TERMINATION

22.1 City shall have the right to terminate this Agreement for any reason on five (5) calendar days' written notice to Consultant**, provided that City will not terminate for cause without providing Consultant written notice of the breach and a period of ten (10) days to cure**. Consultant shall have the right to terminate this Agreement for any reason on sixty (60) calendar days' written notice to City. The effective date of termination shall be upon the date specified in the notice of termination. Consultant agrees that in the event of such termination, City's obligation to pay Consultant shall be limited to payment only for those services ~~satisfactorily rendered, as solely determined by the City~~**, provided in accordance with the requirements of this Agreement,** prior to the effective date of termination.

22.2 If City terminates this Agreement due to no fault or failure of performance by Consultant, then Consultant shall be paid based on the work ~~satisfactorily performed, as solely determined by the City~~, **provided in accordance with the requirements of this Agreement,** at the time of termination. In no event shall Consultant be entitled to receive more than the amount that would be paid to Consultant for the full performance of the services required by this Agreement.

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27. NON-WAIVER

27.3 Consultant shall not be liable for any failure to perform if Consultant presents acceptable evidence, in City's ~~sole~~ **reasonable** judgment, that such failure was due to causes beyond the control and without the fault or negligence of Consultant.

K. Resumes

FIRM
HDR

EDUCATION
MBA, Business Administration

BS, Civil Engineering

REGISTRATIONS
PE, Civil, CA 40599
PLS, CA 6324

YEARS OF EXPERIENCE
38

YEARS WITH FIRM
3

Mark Christoffels, PE, PLS

Project Manager; A. Management Task Lead; D. Surveys, Mapping, and Field Reviews Task Lead

Mark has over 38 years of experience managing capital improvement programs and projects primarily as the City Engineer and Public Works Director for several cities in both Los Angeles and Orange Counties, including 11 years as City Engineer for the City of Long Beach. More recently, he served as SGVCOG's Chief Engineer responsible for the establishment of the subregional funding allocations and project implementation for its 30 member agencies under the Measures W, R, and M Programs. Mark also served 4 years as an appointee to the Policy Advisory Council of LA Metro.

RELEVANT EXPERIENCE

City of Pico Rivera and LA Metro, Rosemead-Lakewood Boulevard BRT, Los Angeles County, CA. Project Manager. Mark is responsible for overall project management, including client meetings, internal coordination, budget, and oversight of deliverables. The City contracted with HDR to assist with evaluating the potential for a transit hub within their jurisdiction that would include relocation of the existing Metrolink station from Commerce to Pico Rivera.

LA Metro, Pacific Coast Highway (PCH) Mobility Improvement Project PA&ED, Hermosa Beach, CA. Task Manager. Mark is the Task Manager responsible for overseeing the development of a Purpose and Need Statement and environmental and traffic studies for the project. The project seeks to improve mobility and pedestrian safety on PCH through the City of Hermosa Beach.

City of Long Beach, Second Street Bike Sharrow, Long Beach, CA. City Engineer. Mark was responsible for overall project management, including funding, final design approval, environmental clearance, and permits. The project designed and constructed Southern California's first green sharrow lanes as well as green bicycle boxes. The curb lane on Second Street from Bayshore Drive to Livingston Drive in a commercial district was converted to a joint-use vehicle/bicycle lane to provide a safe avenue for cyclists and preserve curbside parking.

MARK CHRISTOFFELS, PE, PLS (CONTINUED)

City of Long Beach, Downtown Cycle Track, Long Beach, CA. City Engineer. Mark was responsible for the overall project management, including funding, final design approval, environmental clearance, permits, right-of-way acquisition, utility relocations, and oversight of construction management. The project included the design and construction of LA County's first cycletrack. The cycletrack occupied the left lane of a paired couplet of east-west one-way streets crossing Downtown Long Beach and included separate bicycle signalization. The cycletrack was implemented on Broadway and Third Street from Golden Avenue (immediately east of I-710) to Alamitos Avenue. The project included the implementation of a road diet, reducing them from three car-travel lanes to two.

SGVCOG, San Gabriel Valley Subregional Mobility Matrix, San Gabriel Valley, CA. Chief Engineer. Mark was responsible for overall project management, including funding, interagency coordination, final study approval, and implementation. In preparation for a new sales tax measure in LA County (now known as Measure M), SGVCOG conducted a subregional mobility matrix study. The study served as the starting point for LA Metro's long-range transportation plan update as well as the Measure M sales tax ballot measure. The study covered transportation investment needs from 2015 through 2045 and included significant regional bicycle path planning and projects throughout the San Gabriel Valley.

SGVCOG, San Gabriel Valley Vehicle Miles Travel (VMT) Study and Program, San Gabriel Valley, CA. Chief Engineer. Mark was responsible for overall project management, including funding, interagency coordination, final study approval, and implementation. To assist member agencies with complying with Senate Bill (SB) 743 mandates, SGVCOG worked with 30 member agencies to analyze existing traffic conditions in the region to develop a baseline standard that determined significant CEQA thresholds for future land use and transportation projects. As part of the process, a web-based tool was developed to allow various city staff and developers to determine if a proposed project would require a full VMT analysis based on each city's adopted CEQA criteria. This project was recently recognized as a finalist project for the "Sustainable/Environmental Enhancement Program of the Year Award" at the California Transportation Foundation's 32nd Transportation Awards.

Alameda Corridor-East (ACE) Construction Authority, Jump-Start At-Grade Railroad Crossing Safety Program, San Gabriel Valley, CA. Chief Engineer. Mark was responsible for the overall project management, including funding, final design approval, environmental clearance, permits, right-of-way acquisition, utility relocations, and oversight of construction management, including project close-out. The ACE Construction Authority of SGVCOG initiated a grade crossing safety program called "The Jump-Start Program" to improve the safety of 39 at-grade rail crossings in the San Gabriel Valley. Improvements included new traffic and train signage, striping or re-striping streets, updated signal preemption, active warning devices, new pedestrian sidewalks, median concrete barriers, four-quadrant crossing gates, narrow barrier posts, and raised traffic dots.

FIRM
HDR

EDUCATION
MBA, Business Administration

BS, Civil Engineering

REGISTRATIONS
PE, Civil, CA 41533

YEARS OF EXPERIENCE
40

YEARS WITH FIRM
11

Gene Bougdanos, PE

Principal-in-Charge

Gene has over 40 years of experience in the planning, design, and construction management of transportation infrastructure projects. He has led and managed the planning and design on a number of large transportation projects. Gene has also managed on-call contracts and TOs with numerous agencies, including LA Metro, POLA, LACDPW, LABOE, and Caltrans. He has expanded his familiarity with the specifications and standards applicable to each of his contracts with these various agencies.

RELEVANT EXPERIENCE

LACDPW, As-Needed Engineering Design and Support Services for the Road/Flood Control Construction, Los Angeles County, CA. Contract/TO Manager. Gene managed two $5M as-needed contracts, including staff assignments and TO scoping with LACDPW. TO assignments have included extension of staff program management services, guardrail safety improvements, cost estimating, traffic engineering, bridge design, surveying and mapping, and Project Design Concept (PDC) Reports for roadway and bikeway safety and capacity improvements.

LACDPW, Transportation Planning Services, Los Angeles County, CA. Project/TO Manager. Gene led the TO to provide transportation planning services to develop strategies, through organizational changes or operational improvements, to improve LA County project delivery, leverage available funding, and implement Vision Zero principles. Project deliverables included a detailed report that outlined recommendations for process improvements for enhanced project delivery and quality control.

LABOE, Sixth Street Viaduct Replacement, Los Angeles, CA. Civil Engineering Task Lead. Gene was responsible for extensive utility coordination, local roadway and intersection modifications, and stakeholder consensus building. The newly constructed $588M viaduct replaced the iconic structurally deficient Sixth Street Viaduct, connecting Boyle Heights to Downtown Los Angeles.

Los Angeles Department of Transportation (LADOT), I-10/ Robertson/ National Area Circulation Improvement Project, Los Angeles, CA. Project Manager. Gene was responsible for the overall delivery of a Project Feasibility Study, Project Study Report-Project Development Support (PSR-PDS) and Environmental Document for this freeway

interchange and local circulation improvement project. This LADOT improvement project included planning, preliminary engineering and design, and environmental analyses of a package of improvements to the I-10/Robertson on- and off-ramps and arterial streets in the area.

LA Metro, Supplemental Engineering Services (SES) for Transit/Rail Projects, Los Angeles, CA. Project Manager. Gene is responsible for managing a $50M TO-based contract supporting LA Metro's transit capital and maintenance programs. Specific TOs include a grade separation on the Crenshaw/LAX Transit corridor at the Centinela Avenue/Florence Avenue grade crossing, early action design supporting delivery of the 19-mile WSAB Line transit corridor, and a new replacement parking structure at the western terminus of the Purple Line Section 3 serving the Los Angeles VA Hospital.

LA Metro, Link US Project, Los Angeles, CA. QC Reviewer. Gene was responsible for preparing and reviewing various documents, including High-Speed Rail Structural Assessment, Gold Line Realignment Feasibility Study, notes to reviewers, key assumptions and deviations, and Initial Basis of Design Report. Plan reviews included a 15 percent design review. HDR is responsible for providing preliminary engineering, environmental documents, final design, and construction support.

POLA, I-110/C Street Interchange Improvements, Los Angeles, CA. Project Manager. Gene was responsible for resource allocation, scope and schedule management, cost and budget control, and aspects of project delivery. The project reconfigured the northbound off-ramp to directly access Harry Bridges Boulevard, modified the northbound on-ramp, realigned Harry Bridges Boulevard, and combined the I-110 ramp termini/C Street/Figueroa Street intersection with the John S. Gibson Boulevard/Harry Bridges Boulevard/Figueroa Street intersection to minimize traffic congestion and provide a more direct truck route to the POLA terminals. The work included preparing the Project Report/Environmental Document (PR/ED), Storm Water Data Report (SWDR), fact sheets, and final PS&E.

ACE Construction Authority, Program Management Contract, San Gabriel Valley/Pasadena, CA. Technical Advisor and Principal-in-Charge. Gene was responsible for the Joint Venture (JV) Program Management team implementing a $950M rail and roadway improvement project in the San Gabriel Valley. Initial work included development of plans, procedures, and program documents detailing the value analysis and quality control/quality assurance guidelines, design criteria, a right-of-way program, initial safety improvements at-grade crossings, contract packaging, scheduling, and community outreach plans.

FIRM
HDR

EDUCATION
MA, Global Studies

BA, Philosophy, Religion, and Ethics

YEARS OF EXPERIENCE
23

YEARS WITH FIRM
1

JC Erickson

B. Community Outreach Task Lead

JC has over 23 years of extensive hands-on experience in community outreach, stakeholder engagement, crisis and multicultural communications, media relations, and international relations. He has worked in the full spectrum of our industry, supporting nonprofits, governments, and corporations, promoting social change through his commitment to improving the quality of life of people.

RELEVANT EXPERIENCE

LACDPW, LA County Proposition 218 Outreach Support, Los Angeles, CA. Strategic Communications Lead. JC is responsible for overseeing the design and execution of communications, stakeholder management, and outreach campaigns to educate and collect meaningful feedback from the community at large. The Los Angeles County Consolidate Sewer Maintenance Division is proposing an increase in the annual sewer service charge. Authorization of the proposed increase depends on voter approval through the Proposition 218 process. HDR will support the Sewer Maintenance Division with community outreach aimed at raising public awareness of the needs and benefits associated with the proposed increase in the annual sewer service charge.

Los Angeles Sanitation and Environment (LASAN), Green Waste Processing Facilities Public Outreach and Technical Services, Los Angeles CA. Strategic Communications Lead. JC is leading the strategic deployment of stakeholder and community engagement efforts to bring community understanding and participation to a transformational project. Through this work LASAN is proposing the addition of green waste composting to an exciting sanitation facility.

Southern California Association of Governments (SCAG), Broadband Program Strategic Services, Southern California. Deputy Project Manager. In this cutting-edge effort, JC is leading the biggest task of this project, providing advisory and operational communications and outreach and stakeholder management support to SCAG as they grow their Broadband Program among isolated and hard-to-reach communities in Southern California. In his role as Deputy Project Manager, JC oversees managing ARE in deploying outreach activities.

City of Yucaipa, I-10 Wildwood Canyon Road Interchange PA&ED, Yucaipa, CA. Strategic Communications Lead. JC is responsible for engaging the community through in-person and virtual outreach, media relations, and stakeholder engagement activities to identify the community's preferred alternatives in the design of this highway improvement project. Public scoping meetings and a public outreach summary have been used to capture and communicate the community's voice to City of Yucaipa staff, Caltrans, elected officials, and the community at large.

Southern California Gas (SoCalGas), Community Engagement Plan for Climate Adaptation Vulnerability Assessment, Los Angeles, CA. Strategic Communications Lead. JC is leading a team across Southern California to design and help execute a community engagement plan geared toward disadvantaged communities, in support of the recent climate change adaptation vulnerability assessment, ordered by the California Public Utilities Commission (CPUC) for investor-owned utility companies. He is currently engaging hundreds of local community-based organizations and stakeholder groups in identifying and establishing efficient public feedback methodologies for disadvantaged communities to prioritize SoCalGas' upcoming climate change adaptation investments.

SoCalGas, Customer Affairs Interactive Map, Statewide CA. Project Manager. JC is responsible for successfully completing the project, managing collaborative technical teams, and liaising between the investor-owned utilities (IOUs), CPUC, and the HDR GIS team. In April 2022, the CPUC issued an order instituting rulemaking (OIR) for IOUs to establish a single statewide database of community-based organizations at the zip code level. The database, map, and associated sources will be posted on the Commission Energy Arrearages website and made accessible to the public. HDR will work with SoCalGas, Southern California Edison (SCE), Pacific Gas and Electric, and San Diego Gas and Electric to host and design a community-based organizations interactive map to support the case management pilot program to reduce pandemic arrearages.

LA Metro, Link US Project - Outreach and Facilitation Services, Los Angeles, CA. Strategic Communications Lead. JC and his local team are supporting the public and stakeholder conversations needed to align an environmentally secure and just path for the Link US Project. JC's experience proved instrumental in leading this equity-driven facilitation and engagement effort to create the needed infrastructure to improve the quality of life of riders within our community at large focused on disadvantaged communities. HDR is providing preliminary engineering, environmental documents, final design, and construction support for the project.

FIRM
HDR

EDUCATION
BS, Civil Engineering

BA, Urban Planning

REGISTRATIONS
PE, Civil, CA 46808

ENV SP

LEED AP

YEARS OF EXPERIENCE
31

YEARS WITH FIRM
4

Wayne Richardson, PE, ENV SP, LEED AP

C. Preliminary Engineering and Planning Studies Task Lead

Wayne has over 31 years of extensive planning, civil engineering, and project management experience. His direct experience includes the preparation and review of project planning documents, as well as bid documents for public facilities and infrastructure. His project management experience includes project controls and leading multidisciplinary teams from planning and environmental approvals to PS&E.

RELEVANT EXPERIENCE

City of Culver City, Culver Boulevard Realignment, Culver City, CA. Project Manager. Wayne was responsible for overseeing the preparation of the Preliminary Design Report and PS&E documents for this complete streets project. The project involved the realignment of Culver Boulevard between Sepulveda Boulevard and Elenda Street, with an enhanced streetscape and a large storm water capture and treatment component. The new road includes a 58-foot-wide raised landscape median, complete with buffered bicycle and pedestrian paths, ADA improvements, and traffic and pedestrian signal modifications.

LACDPW, Multiple Roadway and Flood Projects, Los Angeles County, CA. Project Manager. Wayne was responsible for budgeting, scheduling, and coordinating with multiple agencies and LA County departments to deliver neighborhood-wide transportation, roadway, and flood control projects. Wayne's responsibilities included design quality control, permitting, contractor coordination, public outreach, and supervisory district updates.

LABOE, Exposition Line Bikeway, Cheviot Hills, CA. Project Manager. Wayne was responsible for overseeing the PS&E for this ¾-mile bikeway connection. Wayne led a multidiscipline team of experts through the "design excellence" program at the City of Los Angeles in the development of Class I and Class II bicycle paths. Wayne's value engineering resulted in reduced retaining structures and innovative drainage solutions for cost savings.

LABOE, Active Transportation Projects (ATP) 2 and 3, Boyle Heights, CA. Project Manager. Wayne was responsible for planning and design development oversight for complete streets in the Boyle Heights Linkage and Art District, based on ATP grants 2 and 3. The goal of these two Caltrans Local Assistance Program-funded projects is to increase mobility

and safety, reduce greenhouse gas, and improve public health. Wayne supervised the preparation of the Preliminary Design Reports to improve pedestrian safety and access to the City of Los Angeles' Sixth Street Viaduct and Sixth Street Park, Arts, and River Connectivity (PARC) Projects, as well as local community destinations. For ATP 3, the Downtown Los Angeles Arts District will benefit from pedestrian and cyclist improvements, including new bicycle lanes, a cycle track, new and widened sidewalks with curb extensions, new traffic-controlled intersections, and a new shared street connecting to the Sixth Street Viaduct.

LABOE, Safe Sidewalks LA Program, Los Angeles, CA. Task Manager. Wayne was responsible for administering a contract for staff augmentation in support of the sidewalk repair program, to comply with a $30M/year mandate to repair sidewalks and comply with ADA requirements throughout the City of Los Angeles. Wayne also supported the EIR for the entire program, including construction scenarios, identification of impacts, and technical studies.

City of Cerritos, Hot Spots Intersection Congestion Management, Cerritos, CA. Principal and Project Manager. Wayne was responsible for supervising the PS&E preparation for two arterial intersection improvements and signal modifications and managing the geotechnical, survey, landscape, and right-of-way sub-consultants. The intersections at Carmenita Road and South Street and Bloomfield Avenue and Artesia Boulevard are considered congestion hot spots, and the final design raised the level of service by widening and adding left-turn lanes. Wayne was able to redesign the Bloomfield Avenue roadway realignment to avoid costly utility relocations and commercial property acquisitions.

LABOE, Potrero Canyon Park Rehabilitation Project, Los Angeles, CA. Lead Civil Engineering Advisor and Project Manager. Wayne was responsible for leading a team of technical experts in the rehabilitation of the 30-acre Potrero Canyon Park. The project consisted of stream reconstruction, storm drain basins, as well as revegetation and park improvements for the coastal Pacific Palisades Community Center. The park improvements include a mile of nature trails, a ½-mile trail to the Temescal Road/PCH intersection, and a pedestrian bridge over PCH connecting to Will Rogers State Beach. Wayne's innovative design solutions allowed for the elimination of potable water use in favor of a more sustainable irrigation source by diversion of storm drain dry weather flows. Additional responsibilities included leading several outreach and consensus-building workshops with stakeholders, resource agencies, and the general public.

LA Metro, I-710 Preliminary Engineering, Los Angeles, CA. Deputy Project Manager. Wayne served as the Deputy Project Manager on behalf of LA Metro for the bridge APS and the complex utility relocations in and around the POLB for the I-710 freeway improvements and freight corridor. Wayne coordinated with Caltrans, GCCOG, cities, resource agencies, project partners, and sub-consultants regarding utility relocation strategies and agreements. He oversaw the daily project activities, reviewed consultant progress, and served as the Quality Control (QC) Manager.

FIRM
HDR

EDUCATION
JD, Law

MA, Resources Law

BA, Philosophy and Psychology

YEARS OF EXPERIENCE
12

YEARS WITH FIRM
1

George Gorman

E. Environmental Studies and Documentation Task Lead

George has over 12 years of experience in environmental planning, policy, project management, and regulatory compliance. He manages the preparation of NEPA and CEQA documents and technical studies for numerous federal, state, and local agencies. George is also a licensed attorney in Colorado and Washington, D.C.

RELEVANT EXPERIENCE

Contra Costa Transportation Authority (CCTA), I-680 Northbound Express Lane PA&ED, Contra Costa County, CA. Senior Environmental Planner. George is responsible with overseeing the preparation of the EIR/EA and preparing the Section 4(f)/6(f) evaluation and VMT Mitigation Memorandum. The project proposes to construct a northbound express lane from Livorna Road to SR-242 and convert an existing northbound High-Occupancy Vehicle (HOV) lane from SR-242 to south of the Benicia-Martinez Bridge Toll Plaza to an express lane. This project is part of the INNOVATE 680 Program.

Bay Area Toll Authority (BATA), Open Road Tolling (ORT) Conversion North Bridges Project, Bay Area, CA. Senior Environmental Planner. George's responsibilities included reviewing draft technical studies for the Categorical Exclusion/Categorical Exemption. BATA, in coordination with Caltrans, proposes to convert existing All-Electronic Tolling (AET) systems to ORT systems at the Antioch Bridge, Benicia-Martinez Bridge, and Carquinez Bridge toll plazas.

BATA, ORT Conversion South Bridges Project, Bay Area, CA. Senior Environmental Planner. George helped prepare the Preliminary Environmental Analysis Report (PEAR) for the project. BATA, in coordination with the Caltrans, proposes to convert existing AET systems to ORT systems at the Dumbarton Bridge and San Mateo-Hayward Bridge toll plazas.

Caltrans, Albion River Bridge Replacement/Rehabilitation Project, Mendocino County, CA. Senior Environmental Planner/Project Manager. George is overseeing the preparation of the Draft EIR/ Environmental Impact Statement (EIS) for the project. Caltrans, in cooperation with the Federal Highway Administration (FHWA), is initiating an EIR/EIS for the proposed replacement or rehabilitation of the historic Albion River Bridge.

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FIRM
HDR

EDUCATION
BS, Civil Engineering

REGISTRATIONS
PE, Civil, CA 34311

YEARS OF EXPERIENCE
43

YEARS WITH FIRM
7

John Ballas, PE

F. Utility Research and Coordination Task Lead; M. Prior Rights Expertise Task Lead

John has over 43 years of experience in the management of public capital improvement projects. He has worked on numerous highway projects with improvements on state right-of-way. He has overseen the preparation of the conflict maps and matrix and has led the preparation of relocation claim letters. John also has experience preparing utility agreements for Caltrans approval reviews.

RELEVANT EXPERIENCE

LA Metro, I-405 Auxiliary Lanes Improvement Project PS&E, Los Angeles, CA. Utility Coordinator. John serves as the Utility Coordinator for oil, gas, water, telecommunications, and both SCE transmission/distribution relocations on five local streets that cross under the proposed bridges along both sides of I-405. LA Metro, Caltrans District 7, and the South Bay Cities Council of Governments are proposing improvements to I-405 from Redondo Beach Boulevard to El Segundo Boulevard. Currently, HDR is the prime consultant delivering the PS&E phase. The project involves the addition of five auxiliary lanes to I-405 that requires extensive coordination with Caltrans and the corridor Cities of Hawthorne, Redondo Beach, Lawndale, and Torrance.

LA Metro, SR-57/SR-60 Interchange Improvement Project PS&E, Los Angeles County, CA. Right-of-Way and Utility Coordinator. John serves as the Right-of-Way and Utility Coordinator for water, telecommunications, and both SCE transmission/distribution relocations for both $260M freeway contracts under construction and the preceding $45M contract to reconfigure the Diamond Bar Golf Course. HDR was tasked to prepare the PS&E for a westbound SR-60/Grand Avenue off-ramp. The PS&E was completed and approved by Caltrans District 7 within 15 months, with construction being completed in 2015. In 2019, LA Metro selected HDR to prepare the PS&E of the final phase of the SR-57/SR-60 Confluence Project. HDR completed the final construction documents for the eastbound off-ramp connector, eastbound bypass connector east of Diamond Bar Boulevard, and the replacement of the Grand Avenue overcrossing structure.

City of Oxnard, Rice Avenue Grade Separation PS&E, Oxnard, CA. Deputy Project Manager/ Right-of-Way/Utility Coordinator. John serves as Deputy Project Manager/ Right-of-Way/ Utility Coordinator for this $79M project to elevate Rice Avenue above Union Pacific Railroad (UP) and SR-34. HDR is responsible for delivering the PSR-PDS, PA&ED, and the final design (100 percent PS&E) to elevate Rice Avenue over the Santa Barbara Subdivision of the UP and SR-34 in the City of Oxnard and County of Ventura. The project scope involves developing feasible design alternatives, preparing the Project Report, and verifying design parameters complied with UP-BNSF Guidelines for railroad grade separation projects. HDR also prepared a Supplemental Project Report, and Advance Planning Studies for two structures - a two-span bridge and a four-span bridge were - considered as possible options for construction.

Industry Urban Development Agency, Grand Avenue/Golden Springs Drive, Diamond Bar, CA. Project Manager/ Right-of-Way/ Utility Coordinator. John is the Project Manager/ Right-of-Way/ Utility Coordinator for this $14M project for intersection widening with construction of golf cart tunnel underneath Grand Avenue. The project includes an additional northbound lane, an additional southbound approach lane along Grand Avenue, and a dedicated westbound right-turn lane along Golden Springs Drive. The widening extends 1,600 feet along Grand Avenue and 1,000 feet along Golden Springs Drive.

Transportation Corridor Agencies (TCA), SR-241/ SR-91 Express Connector PS&E, Orange and Riverside Counties, CA. Utility Coordinator. John is the Utility Coordinator for SCE distribution and AT&T relocations for a $423M contract to construct a direct connector between 241 Toll Road and 91 Express Lanes. The project is located at the junction of SR-241 and SR-91 in the Counties of Orange and Riverside. It proposes to construct a median-to-median connector between SR-241 and SR-91 Express Lanes as a tolled facility.

City of Industry, Industry Business Center Industrial Complex, City of Industry, CA. City Engineer. John was responsible for aspects of developing the City of Industry-owned 600-acre hillside property into an industrial complex with 300 acres of finished pads, including the mass grading of 25 million cubic yards, and the layout and construction of interior roadways, drainage and City of Industry-owned utilities. He oversaw the development and implementation of $172M of infrastructure with funding provided by the sale of properties mandated by the Redevelopment Agency Dissolution in California. John successfully coordinated approvals of enforceable obligations with the Oversight Board and California State Department of Finance.

FIRM
HDR

EDUCATION
College Coursework

YEARS OF EXPERIENCE
22

YEARS WITH FIRM
5

Danny Mendoza

G. Right-of-Way Phase and Determination Task Lead

Danny has over 22 years of experience in the right-of-way industry. He has worked on projects related to acquisition, relocation, project management, property management, and project estimating/budgeting. He has been instrumental in the development of key project schedules and budgets for large multimillion-dollar projects.

RELEVANT EXPERIENCE

City of Manhattan Beach, SR-1/Sepulveda Bridge Widening PS&E, Manhattan Beach, CA. Right-of-Way Project Support. Danny coordinated with the project design team, City of Manhattan Beach, Caltrans, and various utility companies to execute utility agreements and finalize the Caltrans Certification Package. The SR-1/Sepulveda Bridge Widening Project consists of widening Sepulveda Boulevard between 33rd Street and Rosecrans Avenue.

LA Metro, Link US Project, Los Angeles, CA. Right-of-Way Support. Danny was responsible for establishing parcel impacts, project costs, and right-of-way guidelines for the project. He worked directly with the design team to establish plans based on impacts and costs. HDR is providing preliminary engineering, environmental document, final design, and construction support for the project.

Housing Authority of the City of Los Angeles, Jordan Downs Redevelopment Project, Los Angeles, CA. Project Manager. Danny developed the relocation program for over 150 residential relocations. He reviewed and updated the project relocation plan, assisted in the development of project forms and templates, tracked progress reports and budgets, and coordinated public outreach efforts. The Jordan Downs Redevelopment Project is a multi-phase housing redevelopment project, and the initial phase included the development of the newly constructed community and the relocation of 150 units.

SGVCOG, Turnbull Canyon Road Grade Separation Project, City of Industry, CA. Right-of-Way Support. Danny is responsible for reviewing the project specifications and establishing the initial right-of-way costs for the project. Additionally, he is maintaining and overseeing the project schedule and project budget. HDR is providing right-of-way delivery services for SGVCOG to purchase right-of-way required to construct the Turnbull Canyon Road Grade Separation Project.

SGVCOG, Montebello Boulevard Grade Separation Right-of-Way, Montebello, CA. Right-of-Way Support. Danny worked closely with the right-of-way team and the designers to finalize the project impacts and establish the initial right-of-way cost estimate. Additionally, he developed the budget and schedule tracking system used to monitor and track progress on a case-by-case basis. SGVCOG is planning to construct a grade separation of the UP between Olympic Boulevard and Roosevelt Avenue, which will require the lowering of Montebello Avenue under the existing UP tracks in the City of Montebello. In addition, SGVCOG is planning to enhance the safety improvements at the railroad crossings on Maple, Greenwood, and Vail Avenues. The project will serve the public interest by eliminating crossing collisions, queuing, and congestion, reducing vehicle emissions at the underpass and improving safety at the crossings.

City of Santa Ana, Santa Ana Bristol Widening, Santa Ana, CA. Project Controls/Relocation Agent. Danny worked directly with client and project managers to assist with relocating over 40 residential units and 30 businesses. He conducted occupant interviews and reviewed income data. The project included both residential and business acquisitions and relocations for the future development and widening of Bristol Street between Washington Avenue and 17th Street in the City of Santa Ana.

Orange County Transportation Authority (OCTA), Lincoln Avenue Relocation, Anaheim, CA. Project Manager. Danny was responsible for the overall final delivery of the desired site for the Lincoln Avenue/I-5 off-ramp. He provided technical support that aided in the relocation efforts of two auto repair shops and one tire shop. Additionally, he served as the main point of contact with OCTA and provided input and support to keep the project on schedule and within budget. The project provided relocation assistance for displaced tenants at 1514-1520 W. Lincoln Avenue, Anaheim, due to I-5 North Widening Project.

OCTA, Right-of-Way Services for SR-55 Improvement Project (Northbound Only), Orange County, CA. Project Manager. Danny was responsible for the overall delivery of property needed for the project. He worked directly with OCTA, the design team, legal team, and supporting sub-consultants. HDR provided right-of-way delivery services required for OCTA to purchase right-of-way required to construct the SR-55 Improvement project. The project widened SR-55 between I-405 and I-5 and proposed to reduce traffic congestion and improve mobility and traffic operations of an existing 4-mile stretch of SR-55.

FIRM
HDR

EDUCATION
BS, Civil Engineering

REGISTRATIONS
PE, Civil, CA 77982

YEARS OF EXPERIENCE
19

YEARS WITH FIRM
7

Melissa Rodriguez, PE

H. Design Task Lead

Melissa has over 19 years of planning and design experience for transportation projects, including project management, roadway design, and the preparation of utility plans, utility coordination and preliminary relocation design; stage construction and traffic handling plans; quantities and cost estimates; and geometric design. She is skilled in leading multidisciplinary design teams. She has strong working relationships with LA Metro, Caltrans District 7, cities, and agency staff throughout Southern California.

RELEVANT EXPERIENCE

LA Metro, Whittier Boulevard Intersection Improvements PS&E, Whittier, CA. Engineering Manager and Task Order Manager. Melissa is responsible for coordinating with LA Metro, City of Whittier, and Caltrans staff for timely delivery of two PS&E packages for the City of Whittier. She is overseeing the roadway, drainage, and signing and striping designs, as well as leading the utility coordination. Additionally, Melissa is coordinating with sub-consultants and providing quality reviews for both plan sets and reports for consistency with Caltrans and City of Whittier comments. The project proposes the street widening and intersection improvements at Whittier Boulevard/Painter Avenue and Whittier Boulevard/Santa Fe Springs Road and includes the reconstruction of ADA-compliant curb ramps, driveways, sidewalks, curb returns, and curbed medians.

LA Metro, I-605/Valley Boulevard Interchange PS&E, Los Angeles County, CA. Engineering Manager. Melissa is responsible for the design of the pavement delineation and signing improvements. She is managing the drainage design and development of the drainage report and Storm Water Data Report (SWDR) while also providing guidance to the roadway team regarding multi-agency coordination. During the Project Report development, Melissa was responsible for managing the development of the SWDR, Intersection Control Evaluation (ICE) memorandum and Exception to Ramp Metering Policy. This project proposes to improve mobility and relieve congestion, increase capacity, and other related deficiencies on I-605 at the Valley Boulevard interchange, including high-accident-rate locations, inadequate truck turn paths, nonstandard lane and shoulder widths along loop ramps, and non-compliant ADA facilities.

LA Metro, City of Compton Intersection Improvements PA&ED, Compton, CA. Engineering Manager. Melissa was responsible for managing the analysis and environmental clearance of two intersection to improve mobility. The project involved significant coordination with LA Metro, LA County, and the City of Compton in considering their on-going projects, including LA Metro's I-710 Integrated Corridor Management Project and the LA County Highway Safety Improvement Program.

LA Metro, I-605 CIP PA&ED, Los Angeles County, CA. Task Lead. Melissa is responsible for providing support for the development of geometrics and stage construction concepts for corridor widening and interchange improvement alternatives. She is coordinating submittals with LA Metro and Caltrans staff, assisting in the development of the Project Report, and providing support to the environmental team in development of the Environmental Document. In addition, Melissa is responsible for the development of the Noise Abatement Decision Report, requiring coordination with the I-605/I-5 project team as well as reviewing right-of-way impacts to reduce/eliminate impacts with approvable geometric modifications.

LA Metro, I-405 Auxiliary Lanes Improvement Project PA&ED, Los Angeles, CA. Project Engineer. Melissa was responsible for developing engineering studies in support of the Project Report development. The project proposes improvements to I-405 from Redondo Beach Boulevard to El Segundo Boulevard which include the addition of auxiliary lanes within Caltrans' right-of-way and a lane extension along southbound I-405 between the I-105 connector and the off-ramp to eastbound Rosecrans Avenue. Melissa was also responsible for developing the SWDR and providing support and review for development of the Drainage Report, Utility Impact Report, and Utility Encroachment Report.

LA Metro, PCH Mobility Improvement Project PA&ED, Hermosa Beach, CA. Engineering Lead. Melissa is responsible for coordinating with LA Metro, City of Hermosa Beach, and Caltrans staff for delivery of an Alternative Analysis in preparation for the Project Report-level tasks. She is coordinating the traffic analysis results with environmental input to determine the appropriate environmental document to meet the needs of the City of Hermosa Beach. This purpose of the project is to improve mobility and recurring congestion and enhance traffic safety.

LA Metro, City of Lynwood Imperial Highway Corridor Capacity Enhancements PA&ED and PS&E, Lynwood, CA. Project Engineer. Melissa was responsible for providing support in development of the Traffic Study with accident analysis and review of proposed geometric improvements at 11 intersections along Imperial Highway between State Street and Wright Road. The project improvements included implementing focused congestion mitigation measures with intersection improvements along Imperial Highway, providing congestion relief during peak hours and enhancing safety improvements.

Robert Yates

I. Construction Phase Authorization Task Lead; L. Grant Administration Task Lead

FIRM
HDR

EDUCATION
BASc, Geography

AAS, Applied Horticulture and Horticultural Business Studies

YEARS OF EXPERIENCE
32

YEARS WITH FIRM
5

Robert has 32 years of transportation planning experience in the Southern California area. He has been instrumental in developing strategic planning studies for several of HDR's clients and award-generating grant applications. He is an outside-of-the-box innovator in transportation project definition, transportation project development, and funding strategy design.

RELEVANT EXPERIENCE

City of Beverly Hills Department of Public Works, North Portal RAISE Grant Application, Beverly Hills, CA. Project Manager. Robert was responsible for the development of a Federal Transit Administration (FTA)-compliant RAISE grant application and associated benefit-cost analysis (BCA) in response to the Notice of Funding Opportunities (NOFO). The application first entailed the strategic identification of project benefits in alignment with the RAISE program evaluation criteria. In managing the project, Robert implemented the grant development schedule, narrative outline, reviews in coordination with City of Beverly Hills staff, and the delivery of the application and supporting materials for input into the RAISE Grants website. A notable feature of this effort was the condensed timeframe required to develop the application package so as to meet the submission date. The grant application requested $10M from the federal government to finalize the construction funding element of the project budget.

LA Metro, Link US Project - Transit and Intercity Rail Capital Program (TIRCP) Grant Application. Los Angeles, CA. Project Manager. At LA Metro's direction, Robert took a primary role in constructing the narrative for the Link US Project TIRCP grant application necessary in order to complete the funding package. A unique aspect of the application was that it was packaged with the Metrolink Southern California Optimized Rail Expansion (SCORE) Program application which required Robert to work in close collaboration with Metrolink staff and consultants in order to merge the Link US Project into the overall grant application. The award by California State Transportation Agency (CalSTA) for Link US was the entirety of the first ask of $393M.

Metrolink, SCORE Interim Program Management Consultant (PMC), Los Angeles, CA. Cost Benefit and Operations Analysis (CBOA) Project Manager. Robert was responsible for the development of the SCORE CBOA. Robert worked to verify that the modeling efforts were synchronized between the service goals and objectives identified by Metrolink and that the forecasting work was integrated into the scenario development process. A final report identifying costs, revenues, and ridership for the various milestone year scenarios was delivered to Metrolink for use in service delivery discussions with the member agencies as well as integration into the recently completed Agency Wide Strategic Plan.

Metrolink, Agency Wide Strategic Plan, Los Angeles, CA. HDR Project Manager. With HDR acting in the role of sub-consultant, Robert's role was to support the identification of the existing agency condition with respect to capital infrastructure, operations, costs, internal organization, and political structure. This effort served as a baseline with which to jump-start the development of the Agency Wide Strategic Plan. Upon completion of the baseline, Robert and the HDR team were tasked with supporting the future scenario building exercise, relying on HDR's underlying knowledge base of Metrolink. Robert and the HDR team then provided input into the Agency Wide Strategic Plan which was presented to and approved by the Metrolink Board of Directors.

RCTC, Coachella Valley-San Gorgonio Pass Rail Service - Federal Railroad Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Application, Riverside and Los Angeles Counties, CA. Project Manager. Robert was responsible for the preparation of the grant application for 2021 CRISI funds supporting the preliminary engineering and environmental documentation effort for the Coachella Valley-San Gorgonio Pass Rail Service Project. Additionally, in support of the CRISI application, Robert and his team also provided technical assistance at the state level to secure Interregional Transportation Improvement Program (ITIP) and State Transportation Improvement Program (STIP) funding from the California Transportation Commission for RCTC which would act as the match to the federal application.

RCTC, Perris Valley Line Corridor-Wide Transit-Oriented Communities (TOC) FTA Grant Application, Riverside County, CA. Project Manager. Robert was responsible for the development of a grant application in response to a FTA NOFO for TOC Planning Studies. The application entailed the identification of land uses at the Traffic Analysis Zone level and identification of congressional districts and opportunity zones, as well as the development of a planning study scope of work, schedule, deliverables, and outreach process along the Perris Valley Line Metrolink corridor. The grant application award received by RCTC from the FTA is valued at $750K.

FIRM
HDR

EDUCATION
MS, Civil Engineering

BS, Civil Engineering

REGISTRATIONS
PE, Civil, CA 81357

YEARS OF EXPERIENCE
12

YEARS WITH FIRM
12

Henry Tong, PE

J. Bid Support Services Task Lead

Henry has over 12 years of design experience in highway engineering projects. His experience includes designs of numerous regional and local highway facilities, roadway geometrics (horizontal and vertical), interchanges, analyses of Caltrans design exceptions, and preparation of detailed quantity and cost estimates. He is specialized in civil surface modeling with InRoads and has prepared 3-D design models for entire freeway interchanges and precise earthwork models for grade separation projects.

RELEVANT EXPERIENCE

LA Metro, City of Lynwood Imperial Highway Corridor Capacity Enhancements PA&ED and PS&E, Lynwood, CA. Senior Project Engineer. Henry was responsible for management and delivery of the 65 percent, 95 percent, and 100 percent PS&E submittal packages. He also provided bidding assistance to the City of Lynwood. In cooperation with the City of Lynwood, LA Metro is proposing enhancements to Imperial Highway between State Street and Wright Road in the City of Lynwood. The proposed intersection enhancements would include increased storage length to existing turns, additional left-turn lanes, additional turn movements, upgraded signage, raised medians, and improved pedestrian safety with new continental crosswalks for increased visibility. These proposed enhancements are part of the I-710 South Corridor Improvement Early Action Program to complete environmental approval and 35 percent engineering for signal synchronization at 11 intersections with additional geometric improvements at 6 of those intersections in the City of Lynwood. The intersections are along Imperial Highway at State Street, Long Beach Boulevard, California Avenue, Bullis Road, Atlantic Avenue, and Wright Road. HDR is currently leading the project and will prepare the final PS&E and design services during construction for the proposed enhancements.

LA Metro, I-605 CIP PA&ED, Los Angeles County, CA. Senior Project Engineer. Henry was responsible for identifying and evaluating the nonstandard design features along SR-60 and I-605 to be included in the Project Report and Design Standard Decision Document. Caltrans, LA Metro, GCCOG, and SGVCOG propose 15 miles of highway improvements along the I-605 corridor from I-105 to I-10, and 9 miles of highway improvements along SR-60 from Santa Ana Avenue to Hacienda Boulevard.

City of Oxnard, Rice Avenue Grade Separation PS&E, Oxnard, CA. Senior Project Engineer. Henry is responsible for management and delivery of the 65 percent and 95 percent PS&E submittal packages. HDR is responsible for delivering the PSR-PDS, PA&ED, and the final design (100 percent PS&E) to elevate Rice Avenue over the Santa Barbara Subdivision of the UP and SR-34 in the City of Oxnard and County of Ventura. The project scope involves developing feasible design alternatives, preparing the Project Report, and verifying design parameters complied with UP-BNSF Guidelines for railroad grade separation projects. HDR also prepared a Supplemental Project Report, and Advance Planning Studies for two structures - a two-span bridge and a four-span bridge - were considered as possible options for construction.

City of Agoura Hills, Palo Comado Canyon Road Interchange Improvements PS&E, Agoura Hills, CA. Project Engineer. Henry developed the signing, pavement delineation, and stage construction plans for the US-101 interchange at Palo Comado Canyon Road. The $22M project involved realigning the existing northbound on- and off-ramps and widening the Palo Comado Canyon Road overcrossing bridge. Henry also prepared supplemental fact sheets for design exceptions not identified in the PA&ED phase.

Exposition Construction Authority, Phase 2 Venice Boulevard Roadway Improvement Design-Build Design Revisions, Los Angeles County, CA. Project Engineer. Henry was responsible for revising the previously approved roadway design along Venice Boulevard from Culver Boulevard to Ivy Street. The design-build project involved eliminating the roadway widening east of National Boulevard to avoid relocations of multiple high-cost utility poles. Henry managed the design and revisions of street improvement plans, pavement delineations, construction details, utility relocations, sign relocations, traffic signal plans, as well as construction quantities. He completed the design and obtained approvals of the project with the six governing agencies, including Caltrans, LABOE and LADOT. Henry also provided design support during construction.

Foothill Gold Line Construction Authority, Gold Line Extension Phase 2B, Los Angeles County, CA. Project Engineer. Henry was responsible for preparing and obtaining Caltrans approval of the PSR-PR for this project. He also coordinated with LA Metro and rail design consultants to prepare preliminary designs for two tieback retaining walls under the existing SR-57 and I-210 bridges, as well as an emergency access road for the rail within Caltrans right-of-way. The project involved a 24-mile light rail extension of the Metro Gold Line from East Pasadena in Los Angeles County to Montclair in San Bernardino County.

FIRM
HDR

EDUCATION
BS, Civil Engineering

REGISTRATIONS
PE, Civil, CA 44616

YEARS OF EXPERIENCE
40

YEARS WITH FIRM
< 1

Hank Alonso, PE

K. Construction Support Services Task Lead

Hank has more than 40 years of experience in transportation, including managing major highway corridor and bridge construction projects. He spent 21 years at Caltrans District 12 directing and managing engineering work related to highway, bridge, and infrastructure design projects. Hank has an insider's knowledge and insight into the procedures, processes, and standards of Caltrans.

RELEVANT EXPERIENCE

LA Metro, Exposition Line Light Rail Transit (LRT), Los Angeles, CA. Project Manager. Hank managed projects for construction management of $862M deep trench excavation with cast-in-drilled-hole (CIDH) secant pile walls, massive export of excavated materials, railroad bridge flood control channel crossings, and railroad coordination.

POLB, Ocean Boulevard/Terminal Island Freeway Interchange, Long Beach, CA. Project Manager. Hank was a manager of projects for the $35M construction management contract. He identified lane closure chart deficiencies and supervised an extensive road closure package while the Resident Engineer continuously monitored the traffic switches. Hank saved 45 construction days. The project raised Ocean Boulevard to create grade-separated interchanges at Terminal Island Freeway and at Pier S Avenue. The project constructed two new cast-in-place, pre-stressed, reinforced concrete box girder bridges supported on stone columns and steel driven piles.

SGVCOG, San Gabriel Trench Project Construction Management, San Gabriel, CA. Project Manager. Hank was responsible for the $33M, 2.2-mile grade separation project that will result in the lowering of a 1.4-mile section of UP track in a trench through the City of San Gabriel.

TCA, SR-241 Foothill/Eastern Transportation Corridor, Orange County, CA. Construction Manager. Hank developed a comprehensive construction inspection and Quality Assurance (QA) program. This $803M project included 25.4 miles of toll road construction, including four freeway-to-freeway interchanges, five interchanges, 69 bridges, three tunnels, and 10 toll plazas. The corridor consists of a four- to six-lane road with structures spanning 12 active highway lanes. Work was performed by four prime contractors. Major segments of the corridor opened 14 months ahead of schedule.

TCA/Caltrans District 12, SR-73, San Joaquin Hills Transportation Corridor Design-Build Project, Orange County, CA. Construction Manager. Hank served as Construction Manager while with Caltrans for this project. This $830M, 16-mile, design-build toll road features a new six-lane roadway, 11 interchanges, 76 bridges, and more than 1.2 million square feet of mechanically stabilized embankment (MSE) walls. The project won Project of the Year from the American Society of Civil Engineers, Design-Build Institute of America, and Orange County Consulting Engineers Council. The project opened 4 months ahead of schedule with no outstanding claims or disputes. Change orders were less than 3 percent.

OCTA/Caltrans District 12, SR-55 Improvement Project (I-405 to I-5), Orange County, CA. Constructability/Risk Management. Hank performed constructability reviews and risk management for OCTA, in partnership with Caltrans District 12, to widen SR-55 from I-405 to I-5. The $45M project will improve mobility and reduce congestion during peak commute hours. The project also includes adding a second HOV lane in each direction for a length of four miles.

SBCTA, I-10 Corridor Express Lanes Contract One, Design-Build Project and Construction Management, San Bernardino County, CA. Oversight Construction Manager. Hank was responsible for verifying that the contractor complied with quality requirements during the construction of I-10 between Los Angeles County line and the I-15 in San Bernardino County. He worked closely with the procurement team to confirm the project was constructible and the schedule was achievable.

City of Bakersfield, Wastewater Treatment Plant No. 3, Bakersfield, CA. Principal-in-Charge. Hank was responsible for the $250M project that involved the upgrade and expansion of Wastewater Treatment Plant No. 3, increasing capacity from 12 to 16 million gallons per day. Construction included primary and secondary clarifiers, a trickling filter, two digesters, new sludge drying beds, odor control facilities, and other work.

City of Palmdale, Infrastructure Improvements Program, Palmdale, CA. Principal-in-Charge. Hank was responsible for this $100M project which required program management expertise to provide the backbone infrastructure needed to support new commercial, light industrial, and residential development in California's fastest growing city.

City of San Diego, Point Loma Wastewater Treatment Plant Grit Processing Improvement Construction Management, San Diego, CA. Project Director. Hank oversaw the $30M project with major components, including reconstruction of the south grit tanks and its adjacent pump gallery and replacement of the 1962 grit processing headworks building with an odor-controlled, drive-through facility which will include new grit-processing equipment. Improvements to the reconstructed south grit tanks will include widening and deepening the channels as well as relocation of the tank influent and effluent ports to increase detention time, increasing the slope of the tank bottom to promote grit migration, and installation of longitudinal and transverse baffles to promote grit removal. Improvements to the new headworks building will include new grit storage and loading facility which will replace the existing Cyclone grit separators with the newer technology of Teacups and Snail grit classifiers.

Steve Crouch, PE
Quality Manager

FIRM
HDR

EDUCATION
Coursework, Civil/ Structural Engineering

REGISTRATIONS
PE, Civil, CA 59969

YEARS OF EXPERIENCE
38

YEARS WITH FIRM
11

Steve has worked in the transportation engineering field for over 38 years. He has been involved with developmental aspects of roadway projects, including, but not limited to, PSRs, Environmental Studies and Reports, Project Reports, final PS&E packages, and roadway construction.

- LABOE, On-Call Civil Engineering Consulting Services, Safe Sidewalks LA Program (Sidewalk Acceleration Team Design Manager)
- City of Long Beach, Various Pedestrian Accessibility Improvements Design - Curb Ramps and Path of Travel (Project Manager)
- City of San Juan Capistrano, Camino Capistrano ADA-Compliant Curb Ramp Design (Senior Project Manager)

Terence Pao, PE
A. Project Management Support

FIRM
HDR

EDUCATION
BS, Civil Engineering

REGISTRATIONS
PE, Civil, CA 63433

YEARS OF EXPERIENCE
25

YEARS WITH FIRM
4

Terence has over 25 years of experience managing and designing transportation projects, including managed lanes, freeway corridors, interchanges, grade separations, and local highways. He has served as project manager and lead engineer on multiple projects where he was responsible for stakeholder coordination while managing project delivery.

- LABOE, Sixth Street Viaduct Replacement (Project Manager and Roadway Design Lead)
- LABOE, Complete Streets Division (Project Manager)
- LA Metro, Florence Avenue/Centinela Avenue Grade Separation (Task Manager)

Garrett Kaya, PE
A. Project Management Support

FIRM
HDR

EDUCATION
BS, Civil Engineering

REGISTRATIONS
PE, Civil, CA 78380

YEARS OF EXPERIENCE
15

YEARS WITH FIRM
7

Garrett has over 15 years of transportation engineering project experience, specializing in PSR, PA&ED, and PS&E for Caltrans and various local agencies. He has managed multiple projects with responsibilities that include client and sub-consultant coordination, project schedule preparation, and project budget management.

- City of Camarillo, US-101 Northbound Auxiliary Lanes and Ramp Metering PSR-PDS (Project Engineer)
- City of Oxnard, Rice Avenue Grade Separation PS&E (Oversight Engineer)
- LA Metro, SR-57/SR-60 Interchange Improvement Project PS&E (Design Oversight Engineer)

FIRM
ARE

EDUCATION
BS, Urban and Regional Planning

YEARS OF EXPERIENCE
11

YEARS WITH FIRM
11

Edna Jimenez
B. Community Outreach Support

Edna has over 11 years of experience in transportation, planning, environmental, and construction projects. She is a natural leader and excels at building relationships with various stakeholders, including agencies, business organizations, community-based organizations, and faith-based communities.

- City of Pico Rivera, Telegraph Road Over San Gabriel River Bridge Replacement (Project Manager)
- City of Pico Rivera, Washington Boulevard Over Rio Hondo Channel (Project Manager)
- LA Metro, Eastside Transit Corridor Phase 2 (Project Manager)

FIRM
HDR

EDUCATION
BA, Political Science and Communication

YEARS OF EXPERIENCE
4

YEARS WITH FIRM
2

Allyson Jeffers
B. Community Outreach Support

Ally has over 4 years of experience working in public relations and public outreach. She works closely with the Strategic Communication Project Managers to implement successful communications and outreach campaigns, acts as a secondary interface with clients, and manages outreach tactics and deliverables.

- LACDPW, LA County Proposition 218 Outreach Support (Strategic Communications Coordinator)
- SoCalGas, Community Engagement Plan for Climate Adaptation Vulnerability Assessment (Strategic Communications Coordinator)
- City of Tracy, Infrastructure Master Plans (Strategic Communications Coordinator)

FIRM
HDR

EDUCATION
BS, Graphic Design/ Artist

YEARS OF EXPERIENCE
18

YEARS WITH FIRM
12

Kolton Kammerer
B. Community Outreach Support

Kolton has more than 18 years of graphic design experience, which includes creating print, web, and multimedia work for a variety of projects. His skills include extensive experience in Adobe Photoshop, Adobe InDesign, Adobe Illustrator, Adobe AfterEffects, Flash, Dreamweaver, Corel Painter IX, and QuarkXPress 8.

- City of Tracy, 11th Street - East Tracy Overhead Bridge Replacement (Graphic Artist)
- City of Yucaipa, I-10/Wildwood Canyon Road Interchange PA&ED (Graphic Artist)
- San Luis Obispo Council of Governments (SLOCOG), Coast Rail Corridor Service Implementation Plan (SIP) and Passenger Rail Improvement Study (PRIS) (Graphic Artist)

Marie Lewis Adams, AICP

C. Preliminary Engineering and Planning Studies Support

FIRM
HDR

EDUCATION
MCP, City and Regional Planning

BA, Geography

REGISTRATIONS
AICP, CA 181750

YEARS OF EXPERIENCE
18

YEARS WITH FIRM
1

Marie has more than 18 years of experience in the planning and transportation sector. Her varied experience includes bus, rail, roadway, and freight projects as well as extensive public engagement expertise. She has a strong background in developing comprehensive transportation plans.

- Santa Maria Area Transit, Zero-Emissions Bus Rollout Plan (Zero-Emissions Planning Lead)
- SLOCOG, Coast Rail Corridor SIP and PRIS (Deputy Project Manager/ Planner)
- OCTA, South Orange County Rail Station Feasibility Study (Project Manager)

Doug Smith, PE

C. Preliminary Engineering and Planning Studies Support; H. Design Support

FIRM
HDR

EDUCATION
BS, Civil Engineering

REGISTRATIONS
PE, Civil, CA 43549

YEARS OF EXPERIENCE
44

YEARS WITH FIRM
8

Doug has 44 years of broad experience in the management and development of ITS, transportation, and traffic engineering projects on city and county roadway networks. He has specific experience in the development of final design plans for projects in Caltrans District 7 and LA County. He has directed the preparation of numerous Transportation Management Plans, PSRs, Project Reports, and PS&Es.

- LACDPW, Norwalk Traffic Design (Task Order Manager)
- LACDPW, Smart Streetlight/Smart City Technologies (Task Order Manager)
- City of Laguna Beach, Laguna Canyon Road (SR-133) PSR-PDS (Lead Traffic Engineer)

Jonathon Damora, EIT

C. Preliminary Engineering and Planning Studies Support

FIRM
AMH

EDUCATION
BS, Environmental Engineering

REGISTRATIONS
EIT, CA 160858

YEARS OF EXPERIENCE
6

YEARS WITH FIRM
1

Jonathon has over 6 years of experience in civil design, focusing on site development, storm water management, land development, and roadway. His expertise in AutoCAD, Civil 3D, MicroStation, and hydraulic and hydrologic analysis aligns with the demands of large-scale projects.

- POLB, Pier B On-Dock Rail Support Facility (Civil Engineer)
- Various other project experience includes developing grading, drainage plans, site plans, variance plans, storm water designs, and civil plan sets with cross sections, cut/fill calculations, and hydrologic/hydraulic analysis for optimal Best Management Practices (BMPs).

Rohit Itadkar, PE, TE

C. Preliminary Engineering and Planning Studies Support

FIRM
HDR

EDUCATION
MS, Civil Engineering

BS, Civil Engineering

REGISTRATIONS
PE, Civil, CA 92404

PE, Traffic, CA 2754

YEARS OF EXPERIENCE
15

YEARS WITH FIRM
5

Rohit has more than 15 years of experience in multiple facets of the transportation industry. He has a comprehensive knowledge of transportation engineering guidelines and requirements of CEQA/NEPA, SB 743, Institute of Transportation Engineers (ITE), Caltrans Standard Plans, and California MUTCD.

- LABOE, On-Call Civil Engineering Consulting Services, Safe Sidewalks LA Program (Senior Traffic Engineer)
- LACDPW, Smart Streetlight/Smart City Technologies (Engineer)
- City of Santa Ana, Santa Ana Safe Mobility Plan (Project Engineer)

Alex Kemp, PE

C. Preliminary Engineering and Planning Studies Support

FIRM
HDR

EDUCATION
MS, Civil Engineering

BS, Civil and Environmental Engineering

REGISTRATIONS
PE, Civil, CA 93296

YEARS OF EXPERIENCE
10

YEARS WITH FIRM
7

Alex is a highway engineer with over 10 years of experience in transportation engineering. His experience includes roadway design, bikeway design, freeway sign planning and design, and traffic analysis for freeway schematics. He has also worked on drainage layout and design, ADA-compliant sidewalk design, and detailed cost estimating.

- LABOE, On-Call Civil Engineering Consulting Services, Safe Sidewalks LA Program (Civil Engineer)
- LAWA, APM Landside Access Modernization Program (Roadway Engineer)
- OCPW, Gilbert Street Improvements PS&E (Roadway Engineer)

Tim Fettig, PLS

D. Surveys, Mapping, and Field Reviews Support

FIRM
GSI

EDUCATION
Coursework, Surveying/Mapping

REGISTRATIONS
PLS, CA 7542

YEARS OF EXPERIENCE
36

YEARS WITH FIRM
28

Tim brings over 36 years of surveying expertise having managed a multitude of projects throughout Southern California, overseeing staff members, workload, and scheduling. He is highly skilled in aspects of both design and construction surveying.

- LABOE, On-Call Civil Engineering Consulting Services, Safe Sidewalks LA Program (Survey Manager)
- LA Metro, Link US Project (Survey Manager)
- City of Pasadena, On-Call Land Surveying Services (Project Manager)

Ryan Todaro
E. Environmental Studies and Documentation Support

FIRM
GPA

EDUCATION
BS, Natural Resources Management

YEARS OF EXPERIENCE
24

YEARS WITH FIRM
2

Ryan is a former Caltrans environmental planner with over 24 years of experience providing environmental project management for multiple phases of a project's life cycle. He intimately understands the federal and state agencies and their requirements to verify legally defensible environmental compliance and the coordination necessary to successfully deliver a project on behalf of a client.

- City of Pico Rivera, Telegraph Road Over San Gabriel River Bridge Replacement (Project Manager)
- City of Pico Rivera, Washington Boulevard Bridge Replacement (Project Manager)
- County of Merced, Pioneer Road Widening (Project Manager)

Jennifer Johnson
E. Environmental Studies and Documentation Support

FIRM
GPA

EDUCATION
BS, Marine Biology

YEARS OF EXPERIENCE
16

YEARS WITH FIRM
12

Jennifer manages biological resources database research, habitat assessments, technical reports, regulatory permit applications, construction monitoring, and restoration monitoring for GPA. Her expertise includes compliance pursuant to NEPA, CEQA, federal and state ESAs, CWA, California Fish and Game Code, and other environmental laws.

- City of Pico Rivera, Telegraph Road Over San Gabriel River Bridge Replacement (Biological Resources Lead)
- City of Los Angeles, Sixth Street Viaduct Replacement (Biological Resources Lead)
- City of Los Angeles, Huntington Drive Multimodal Transportation Improvement Project, Phase 1 (Biological Resources QA/QC)

Philip Jo, PE
E. Environmental Studies and Documentation Support

FIRM
KES

EDUCATION
BS, Civil Engineering

REGISTRATIONS
PE, Civil, CA 31651

YEARS OF EXPERIENCE
23

YEARS WITH FIRM
10

Philip has over 23 years of experience in analyzing environmental compliance. He is responsible for environmental site investigations and environmental compliance on public construction projects.

- LA Metro, Westside Purple Line Section 3 (Principal Environmental Engineer)
- LA Metro, Regional Connector (Principal Environmental Engineer)
- Valley Transportation Authority (VTA), BART Silicon Valley Extension (Principal Environmental Engineer)

Kate Suenram, PE
F. Utility Research and Coordination Support

FIRM
S&A

EDUCATION
BS, Civil Engineering

REGISTRATIONS
PE, Civil, CA 72757

YEARS OF EXPERIENCE
20

YEARS WITH FIRM
5

Kate has over 20 years of civil and utility engineering design experience on public works infrastructure projects. Her recent years have been focused on a variety of Los Angeles-based infrastructure projects valued at more than $1B and phased from concept-level planning to design and into construction.

- LA Metro, Southeast Gateway Line Transit Corridor Advanced Engineering (Utility Coordination)
- LA Metro, G-Line BRT Improvements Project (Utility Coordination)
- Metrolink, I-605/Temple Avenue Grade Separation (Utility Design Review)

Raymond Ma, EIT
F. Utility Research and Coordination Support

FIRM
HDR

EDUCATION
BS, Civil Engineering

REGISTRATIONS
EIT, CA 145956

YEARS OF EXPERIENCE
11

YEARS WITH FIRM
7

Raymond has over 11 years of experience in the design and delivery of highway projects. His experience includes roadway geometrics, grading, 3D modeling, preparation of detailed construction plans, cost estimates, utility coordination, and Caltrans roadway retaining walls. He is knowledgeable in both Caltrans design standards and approval processes, as well as local agency requirements.

- LA Metro, SR-57/SR-60 Interchange Improvement Project PS&E (Assistant Engineer)
- LA Metro, I-605 CIP PA&ED (Assistant Engineer)
- TCA, SR-241/SR-91 Express Connector PS&E (Assistant Engineer)

Ryan Quach, PE
F. Utility Research and Coordination Support; M. Prior Rights Expertise Support

FIRM
HDR

EDUCATION
BS, Civil Engineering

REGISTRATIONS
PE, Civil, CA 84953

YEARS OF EXPERIENCE
11

YEARS WITH FIRM
10

Ryan has over 10 years of design experience in highway/roadway engineering projects. His experience in roadway design includes horizontal roadway geometrics, vertical profiles, contour grading, pavement delineation, signing, stage construction, and preparation of construction cost estimates. He is knowledgeable in both Caltrans and American Association of State Highway and Transportation Officials (AASHTO) design standards and approval processes.

- LA Metro, SR-57/SR-60 Interchange Improvement Project PS&E (Project Engineer/Task Lead)
- LA Metro, I-405 Auxiliary Lanes Improvement Project PS&E (Roadway Lead)
- City of Long Beach, Shoemaker Bridge Replacement PS&E (Task Lead - Caltrans Stage Construction)

Jill Craig
G. Right-of-Way Phase and Determination Support

FIRM
HDR

EDUCATION
BS, City and Regional Planning

REGISTRATIONS
Real Estate Broker License, CA 01255902

YEARS OF EXPERIENCE
26

YEARS WITH FIRM
4

Jill has over 26 years of experience in the right-of-way industry. Her experience includes acquisition and relocation of a wide variety of property owners, tenants, and business owners. She has played a key role in the right-of-way phase of a wide number of highway widening, freeway intersection, and commuter rail projects.

- SCE, Borel Hydroelectric Surrender (Right-of-Way Support)
- OCTA, Right-of-Way Services for SR-55 Improvement Project - Northbound Only (Senior Real Estate Services Agent)
- OCTA, PMC Services for Regional Rail Program (M2 Rail Program Support)

Ruben Duran
G. Right-of-Way Phase and Determination Support

FIRM
HDR

EDUCATION
BS, Business Administration and Management

REGISTRATIONS
Real Estate Salesperson License, CA 01950331

YEARS OF EXPERIENCE
31

YEARS WITH FIRM
< 1

Ruben has over 31 years of working in the public and private sector of real estate services and right-of-way project delivery. He has managed, supervised, and had direct experience in the functions of acquisition and disposition of real property interests, land title review and assessment, escrow coordination, condemnation, property management, relocation, utility relocation coordination, and right-of-way certification.

- Metrolink, SCORE PMC Services (Real Estate Services Project Manager)
- SGVCOG, Maple Avenue Overhead Project (Real Estate Services Project Manager)
- SGVCOG, Montebello Boulevard Grade Separation Right-of-Way (Real Estate Services Project Manager)

Josephus Rimorin, PE
H. Design Support

FIRM
V&A

EDUCATION
BS, Civil Engineering

REGISTRATIONS
PE, Civil, CA 78082

YEARS OF EXPERIENCE
19

YEARS WITH FIRM
14

Josephus has over 19 years of professional engineering experience ranging from preliminary to final engineering on various transit infrastructure projects. His professional background includes roadway design, grading design, utility design, drainage design, and agency/contractor coordination.

- City of Whittier, Environmental Clearance and Preliminary Engineering Services for Intersection Improvements (Senior Project Engineer)
- SBCTA, I-10 Express Lanes Phase 1 (Lead Project Engineer)
- LA Metro, I-405 Sepulveda Pass Widening (Lead Project Engineer)

Shawn Ariannia, PhD, PE, GE
H. Design Support

FIRM
GAI

EDUCATION
PhD, Geotechnical Engineering

MS, Civil Engineering

BS, Civil Engineering

REGISTRATIONS
PE, Civil, CA 65642

PE, Geotech, CA 2824

YEARS OF EXPERIENCE
38

YEARS WITH FIRM
12

Shawn has over 38 years of experience in the design, supervision, and technical management of projects in the structural and geotechnical fields. The breadth of his experience includes geotechnical analysis, field and laboratory testing management, slope stability and liquefaction analysis, seismic hazard evaluation, pile and earth retaining structures design, design and implementation of soils and slope stabilization, repair and retrofit methods relevant to soils, foundation, and structural behavior for different types of construction.

- LA Metro, SR-57/SR-60 Interchange Improvement Project PS&E (Principal Geotechnical Engineer)
- LA Metro, I-605 CIP PA&ED (Principal Geotechnical Engineer)
- LA Metro, SR-91 Improvement Project PA&ED (Principal Geotechnical Engineer)

Michael Aceves
H. Design Support

FIRM
T&P

EDUCATION
BS, Landscape Architecture

YEARS OF EXPERIENCE
31

YEARS WITH FIRM
25

Michael has over 31 years managing transportation-related landscape architecture projects. He has extensive experience with LA Metro, Caltrans, and other stakeholders. He has a comprehensive understanding of the project development process, including VIA, PA&ED, and PS&E.

- LA Metro, I-405 Auxiliary Lanes Improvement Project PS&E (T&P Project Manager)
- LA Metro, I-105 Express Lanes (T&P Project Manager)
- LAWA, APM Landside Access Modernization Program (T&P Project Manager)

Myles Harrold, PE
H. Design Support

FIRM
HDR

EDUCATION
BS, Civil Engineering

REGISTRATIONS
PE, Civil, CA 64770

YEARS OF EXPERIENCE
23

YEARS WITH FIRM
10

Myles has been responsible for the design and coordination of several multidiscipline transportation and land development projects. He has over 23 years of proven experience with challenging hydrology and hydraulic designs, drainage analyses, water quality management plans, and innovative water quality solutions.

- LA Metro, Link US Project (Concourse Drainage/Utility Manager)
- LAWA, APM Landside Access Modernization Program (Drainage Lead)
- POLB, Pier B On-Dock Rail Support Facility Program (Drainage and Utility Manager)

Gary Goldman, PE, GE
H. Design Support

FIRM
HDR

EDUCATION
MS, Civil Engineering

BS, Civil Engineering

REGISTRATIONS
PE, Civil, CA 54161

PE, Geotech, CA 2587

YEARS OF EXPERIENCE
34

YEARS WITH FIRM
13

Gary has over 34 years of extensive experience in geotechnical engineering. His responsibilities have included the preparation of preliminary soils, foundation and percolation reports, and special reports dealing with specific geotechnical challenges. This includes direct contact with the client, consultants, and public agencies as well as coordination and direction of fieldwork, personnel and equipment, laboratory testing, and analysis.

- LA Metro, Link US Project (Geotechnical Lead)
- LA Metro, I-605 CIP PA&ED (Task Manager)
- City of Yucaipa, I-10 Wildwood Canyon Road Interchange PA&ED (Task Manager)

Kent Ko, PE, TE
H. Design Support

FIRM
HDR

EDUCATION
BS, Civil Engineering

REGISTRATIONS
PE, Civil, CA 83872

PE, Traffic, CA 2644

YEARS OF EXPERIENCE
21

YEARS WITH FIRM
7

Kent has over 21 years of professional experience in ITS, traffic, and transportation engineering and design. He has conducted traffic analyses and studies and provided traffic design services on intersection and street improvement projects throughout the Counties of Orange, Los Angeles, San Bernardino, and Riverside.

- LA Metro, I-605 CIP PA&ED (Senior Traffic Engineer)
- LA Metro, Link US Project (Senior Traffic Engineer)
- City of Manhattan Beach, SR-1/Sepulveda Bridge Widening PS&E (Senior Traffic Engineer)

Brett Brandle, AIA, LEED AP BD+C
H. Design Support

FIRM
HDR

EDUCATION
BArch, Architecture

REGISTRATIONS
AIA, CA 35298

LEED AP BD+C

YEARS OF EXPERIENCE
15

YEARS WITH FIRM
15

Brett embraces the challenge of enhancing rail, bus, and biking infrastructure to improve safety and comfort. She has 15 years of transportation experience, undertaking a variety of projects and coordinating multidisciplinary teams while verifying the design team implements Crime Prevention through Environmental Design (CPTED).

- City of Beverly Hills Public Works Department, Wilshire/Rodeo Station North Portal Project (Architecture Lead)
- LA Metro, Metro Center Project (Project Manager/Architect)
- LA Metro, Link US Project (Project Designer)

FIRM
HDR

EDUCATION
BS, Civil Engineering

REGISTRATIONS
PE, Civil, CA 95863

YEARS OF EXPERIENCE
7

YEARS WITH FIRM
< 1

Yana Loginova, PE
H. Design Support

Yana is a transportation engineer with over 7 years of experience in the fields of civil and transportation engineering. Her professional experience includes traffic and electrical design, planning and design for the construction of traffic engineering projects, ITS, traffic signal design, traffic signal communication systems, highway lighting, signing and striping, bikeway design, and traffic control plans.

- City of Pasadena, Union Street Two-Way Protected Cycle Track Project (Design Lead)
- City of Inglewood, Stadium Alternative Mitigation ITS Improvements (Project Manager)
- City of Westminster, Garden Grove Boulevard Active Transportation Program Project (Design Lead)

FIRM
HDR

EDUCATION
MS, Civil Engineering

BS, Civil Engineering

REGISTRATIONS
PE, Civil, CA 64771

YEARS OF EXPERIENCE
27

YEARS WITH FIRM
8

Montse Martin, PE
H. Design Support

Montse has over 27 years of structural engineering experience with the design of bridges, transit stations, and infrastructure facilities. She is highly qualified at multiple levels of project development, from initial concept to the preparation of PS&Es and construction management. She has extensive experience with projects that require multi-agency approval from Caltrans, LA Metro, counties, and cities.

- LA Metro, I-5 North County Improvements (SR-14 to Parker Road) PS&E (Lead Bridge Engineer)
- City of Bakersfield, Centennial Corridor Improvement Project (Senior Bridge Engineer)
- TCA, SR-241/SR-91 Express Connector PS&E (Senior Bridge Engineer)

Eric Rouse

I. Construction Phase Authorization Support; L. Grant Administration Support

FIRM
HDR

EDUCATION
MS, Community and Regional Planning

BS, Political Science and Government

YEARS OF EXPERIENCE
28

YEARS WITH FIRM
17

Eric has 28 years of experience specializing in the financial, operational, and institutional analyses of existing and planned infrastructure programs. He has been instrumental in the evaluation of potential revenue sources, development of funding strategies, and preparation of successful grant applications for transportation programs across the country.

- City of Lake Elsinore, I-15/SR74 Interchange Improvement Trade Corridor Enhancement Program (TCEP) Grant Application (Project Manager)
- City of Las Vegas, Infrastructure Investment and Jobs Act (IIJA) Grant Strategy (Advisor)
- RCTC, Perris Valley Line Corridor Wide TOC FTA Grant Application (Financial and Grant Application Strategist)

Rvee Pontepsiripong, PE

J. Bid Support Services Support

FIRM
HDR

EDUCATION
BS, Civil Engineering

REGISTRATIONS
PE, Civil, CA 94964

YEARS OF EXPERIENCE
5

YEARS WITH FIRM
4

Rvee has 5 years of experience within the transportation engineering field. He assists in the delivery of PA&ED and PS&E projects. He has experience in roadway geometrics, utility process, signing, striping and drainage. Rvee is also familiar with federal and state standards.

- City of Long Beach, Various Pedestrian Accessibility Improvements Design - Curb Ramps and Path of Travel (Highway EIT)
- LA Metro, City of Compton Intersection Improvements PA&ED (Highway EIT)
- LA Metro, City of Lynwood Imperial Highway Corridor Capacity Enhancements PA&ED and PS&E (Highway EIT)

Bill Wood, PE, CCM, QSP

K. Construction Support Services Support

FIRM
HDR

EDUCATION
BS, Civil Engineering

REGISTRATIONS
PE, Civil, CA 37419

CCM, A0074

QSP, 22655

YEARS OF EXPERIENCE
42

YEARS WITH FIRM
2

Bill has over 42 years of engineering, construction, and project and program management experience with public works projects. His experience includes construction management projects involving construction of highways, rail, municipalities, port/waterfront facilities, marine structures, airports, industrial, commercial, coastal, and recreational facilities.

- POLB, Pier B On-Dock Rail Support Facility Program (Scheduler)
- City of San Diego Public Utilities Department, Lake Hodges Near-Term Repair (Task Oversight)
- OCTA, OC Streetcar Program Management Consultant (PMC) Services (Senior Scheduler/Schedule Analyst/Claims Support)

FIRM
HDR

EDUCATION
High School GED

REGISTRATIONS
Registered Construction Inspector, 5984

ICC Reinforced Concrete Certification, Inspector, 00044340

YEARS OF EXPERIENCE
44

YEARS WITH FIRM
2

Johnathan Lopez
K. Construction Support Services Support

Johnathan has over 44 years of experience providing construction inspection for public works projects. He has extensive experience with a wide variety of structure construction work, including materials inspection; foundations, including driven and cast in drilled hole piling; inspection of falsework; retaining walls; cast in place and precast structures; post tensioning; and structure demolition.

- City of La Quinta, Adams Street Bridge (Structure Inspector)
- City of Indio, Jackson Street Retrofit (Structure Inspector)
- RCTC, Construction Management Services I-215/Placentia Interchange (Assistant Structures Representative)

FIRM
HDR

EDUCATION
BS, Electrical Engineering

REGISTRATIONS
PE, Electrical, CA 23193

YEARS OF EXPERIENCE
9

YEARS WITH FIRM
1

Andrew Tee, PE
K. Construction Support Services Support

Andrew has 9 years of experience on a wide range of water, power, and transportation projects. His related water experience includes booster pump station improvements, water treatment plant design, and lift station design.

- City of Vista, Agua Hedionda Lift Station Completion Project (Electrical Engineer)
- City of Imperial Beach, On-Call Engineering (Electrical Engineer)
- City of San Diego Economic Development, As-Needed Storm Water Engineering Support (Electrical Engineer)

Bruno Penet
L. Grant Administration Support

FIRM
HDR

EDUCATION
BA, Political Science
BA, Economics
MA, Economics

YEARS OF EXPERIENCE
24

YEARS WITH FIRM
24

Bruno has over 24 years of experience in the economic analysis of transportation infrastructure projects. He possesses strong skills in benefit-cost analysis, cost risk analysis, and economic impact analysis. He also has extensive experience in revenue forecasting and construction cost escalation for state departments of transportation.

- City of Beverly Hills Department of Public Works, North Portal RAISE Grant Application (Task Manager)
- City of Camarillo, 2022 Bridge Investment Program (BIP) Grant Application for the Bridge Replacement at Las Posas Road (US-101) and Ventura Boulevard Project (Task Manager)
- SCAG, ADA Paratransit Demand Forecast (Project Manager)

Joel Lessard-Clouston, AICP
L. Grant Administration Support

FIRM
HDR

EDUCATION
MURP, Urban Planning
BS, Exercise Science

REGISTRATIONS
AICP, CA 35261

YEARS OF EXPERIENCE
5

YEARS WITH FIRM
3

Joel has over 5 years of experience preparing multimodal planning studies, grant applications, and environmental documents for transportation projects of various modes. He has supported the preparation of grant applications for a variety of state and federal funding programs for intercity rail, regional rail, hybrid rail, heavy rail, and highway projects, securing $68M for local projects.

- City of Beverly Hills Public Works Department, North Portal RAISE Grant Application (Grant Writer)
- City of Culver City, Staff Augmentation for Mobility Planning Project Support (Planner)
- City of Ventura, Main Street Bridge over Ventura River Bridge Investment Program (BIP) Grant Application (Grant Writer)

Annie Nguyen, EIT
M. Prior Rights Expertise Support

FIRM
HDR

EDUCATION
MS, Civil Engineering
BS, Civil Engineering

REGISTRATIONS
EIT, CA 163559

YEARS OF EXPERIENCE
6

YEARS WITH FIRM
1

Annie has over 6 years of experience in roadway design and utility coordination. She is proficient in MicroStation and InRoads and is knowledgeable in Caltrans standards, procedures, and plans.

- LA Metro, I-405 Auxiliary Lanes Improvement Project PS&E (Highway EIT)
- City of Long Beach, Shoemaker Bridge Replacement PA&ED and PS&E (Highway EIT)
- LA Metro, SR-57/SR-60 Interchange Improvement Project PS&E (Highway EIT)

350 S Grand Ave. Suite 2900
Los Angeles, CA 90071

hdrinc.com

We practice increased use of sustainable materials and reduction of material use.

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EXHIBIT B
APPROVED FEE SCHEDULE

(SCHEDULE OF HOURLY LABOR RATES AND REIMBURSABLE)

H. SCHEDULE OF HOURLY RATES

Prevailing Wage assignments will be charged based on the State of California Department of Industrial Relations (DIR). For Scope of Services subject to Prevailing Wage, the hourly pay, including overtime; weekend; holiday; travel and subsistence; and shift provisions is to follow DIR Prevailing Wage. Please refer to the DIR website: https://www.dir.ca.gov/Public-Works/Prevailing-Wage.html

Prime Firm:	**HDR Engineering, Inc.**
Subconsultant Firm:	**---**
Classification	**Hourly Rate**
Principal-in-Charge	$477.00
Senior Project Manager	$460.00
Sr. Technical Advisor	$438.00
Project Manager	$405.00
Technical Advisor	$466.00
Sr. Task Manager	$412.00
Sr. Task Manager - Structures	$392.00
Sr. Task Manager - Traffic	$399.00
Task Manager	$355.00
Senior Engineer	$318.00
CADD/BIM Task Lead	$318.00
Sr. Project Administrator	$318.00
Quality Manager	$305.00
Sr. Task Lead	$286.00
Sr. Task Lead - Environmental	$308.00
Sr. Traffic Engineer	$298.00
Environmental III	$251.00
Sr. Project Engineer/Planner/ Architect/ Geotech	$251.00
Engineer III	$239.00
CADD/BIM Specialist III	$234.00
Traffic Engineer III	$227.00
Environmental II	$217.00
Project Engineer/ Planner/ Architect/ Geotech	$212.00
Sr Project Accountant	$198.00
Sr. Landscape Architect	$210.00
CADD/BIM Specialist II	$186.00
Task Lead	$180.00
Engineer II	$177.00
Traffic Engineer II	$176.00
CADD/BIM Specialist I	$167.00
Environmental I	$154.00
Designer	$151.00
Project Accountant	$148.00
Traffic Engineer I	$151.00
Engineer I	$135.00
Project Administrator II	$118.00
Project Administrator I	$101.00

Subconsultant Firm:	Amheart Solutions
Classification	**Hourly Rate**
Civil Designer I	$101.84
Civil Designer II	$113.15
Civil Designer III	$124.47
Civil Engineer I	$135.78
Civil Engineer II	$147.10

Subconsultant Firm:	Arellano Associates, LLC
Classification	**Hourly Rate**
Project Manager	$221.03
Deputy Project Manager	$179.06
Creative Lead	$179.06
Senior Project Coordinator	$151.08
Media Lead	$151.08
Project Coordinator	$109.11
Creative Coordinator	$109.11
Assistant Project Coordinator	$78.34

Subconsultant Firm:	Geo-Advantec, Inc.
Classification	**Hourly Rate**
Principal Geotechnical Engineer	$250.00
Principal Engineering Geologist	$250.00
Senior Project Engineer	$200.00
Staff Engineer	$150.00
GIS Technician	$150.00
Laboratory Manager	$125.00
Drafter/CAD Technician	$90.00
Senior Engineer/Registered Geotechnical Engineer	$200.00
Senior Field Engineer/Field Operation Manager	$150.00
Senior Lab Technician	$110.00
Senior Field Technician	$150.00

Subconsultant Firm:	GPA Consulting
Classification	**Hourly Rate**
Principal Environmental Planner	$363.00
Senior Associate Environmental Planner	$289.00
Senior Environmental Planner	$210.00
Associate Environmental Planner	$142.00
Environmental Planner	$116.00
Senior Associate Biologist	$247.00

Senior Biologist	$200.00
Associate Biologist	$142.00
Biologist	$116.00
Principal Architectural Historian	$331.00
Senior Associate Architectural Historian	$221.00
Senior Architectural Historian	$184.00
Associate Architectural Historian	$147.00
Architectural Historian II	$116.00
Architectural Historian I	$105.00
Senior GIS Analyst	$189.00
Project Coordinator	$132.00
Administrative Assistant	$84.00
Intern	$69.00

Subconsultant Firm:	**Guida Surveying, Inc.**
Classification	**Hourly Rate**
Survey Principal	$335.00
Senior Survey Project Manager	$300.00
Survey Project Manager	$265.00
Senior Project Surveyor	$250.00
Project Surveyor	$230.00
Senior Survey Analyst	$205.00
Survey Analyst	$150.00
Survey Technician	$155.00
Survey Project Coordinator	$155.00
Survey Intern	$120.00
1-Person Survey Crew**	$270.00
2-Person Survey Crew**	$430.00
3-Person Survey Crew**	$580.00

**Denotes Classifications subject to prevailing wage

Subconsultant Firm:	**Kroner Environmental Services, Inc.**
Classification	**Hourly Rate**
Senior Level Professional	$250.00
Mid Level Professional	$195.00
Junior Level Professional	$165.00
Technician	$135.00
Operating Engineer	$145.00
Laborer	$125.00
Administrator	$100.00

Subconsultant Firm:	Suenram and Associates, Inc.
Classification	**Hourly Rate**
Principal Utility Lead	$211.26
Utility Task Lead	$158.10
Utility Engineer III	$117.94
Utility Engineer II	$98.95
Utility Engineer I	$88.31

Subconsultant Firm:	Tatsumi and Partners, Inc.
Classification	**Hourly Rate**
Senior Principal	$ 265.00
Senior Associate	$ 178.00
Senior Designer	$ 151.00
Task Leader	$ 127.00
Technical Staff III	$ 116.00
Technical Staff II	$ 105.00
Technical Staff I	$ 79.00

Subconsultant Firm:	V&A, Inc.
Classification	**Hourly Rate**
Project Manager	$249.60
Senior Project Engineer	$212.16
CADD Manager	$156.00

EXHIBIT C
TERMS FOR COMPLIANCE WITH CALIFORNIA LABOR LAW REQUIREMENTS

1. This Agreement calls for services that, in whole or in part, constitute "public works" as defined in Division 2, Part 7, Chapter 1 (commencing with Section 1720) of the California Labor Code ("Chapter 1"). Further, Consultant acknowledges that this Agreement is subject to (a) Chapter 1 and (b) the rules and regulations established by the Department of Industrial Relations ("DIR") implementing such statutes. Therefore, as to those Services that are "public works", Consultant shall comply with and be bound by all the terms, rules and regulations described in 1(a) and 1(b) as though set forth in full herein.

2. California law requires the inclusion of specific Labor Code provisions in certain contracts. The inclusion of such specific provisions below, whether or not required by California law, does not alter the meaning or scope of Section 1 above.

3. Consultant shall be registered with the Department of Industrial Relations in accordance with California Labor Code Section 1725.5, and has provided proof of registration to City prior to the Effective Date of this Agreement. Consultant shall not perform work with any subconsultant that is not registered with DIR pursuant to Section 1725.5. Consultant and subconsultants shall maintain their registration with the DIR in effect throughout the duration of this Agreement. If the Consultant or any subconsultant ceases to be registered with DIR at any time during the duration of the project, Consultant shall immediately notify City.

4. Pursuant to Labor Code Section 1771.4, Consultant's Services are subject to compliance monitoring and enforcement by DIR. Consultant shall post job site notices, as prescribed by DIR regulations.

5. Pursuant to Labor Code Section 1773.2, copies of the prevailing rate of per diem wages for each craft, classification, or type of worker needed to perform the Agreement are on file at City Hall and will be made available to any interested party on request. Consultant acknowledges receipt of a copy of the DIR determination of such prevailing rate of per diem wages, and Consultant shall post such rates at each job site covered by this Agreement.

6. Consultant shall comply with and be bound by the provisions of Labor Code Sections 1774 and 1775 concerning the payment of prevailing rates of wages to workers and the penalties for failure to pay prevailing wages. The Consultant shall, as a penalty to City, forfeit $200.00 for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the DIR for the work or craft in which the worker is employed for any public work done pursuant to this Agreement by Consultant or by any subconsultant.

7. Consultant shall comply with and be bound by the provisions of Labor Code Section 1776, which requires Consultant and each subconsultant to: keep accurate payroll records and verify such records in writing under penalty of perjury, as specified

in Section 1776; certify and make such payroll records available for inspection as provided by Section 1776; and inform City of the location of the records.

8. Consultant shall comply with and be bound by the provisions of Labor Code seq. concerning the employment of apprentices on public works projects. Consultant shall be responsible for compliance with these aforementioned Sections for all apprenticeable occupations. Prior to commencing work under this Agreement, Consultant shall provide City with a copy of the information submitted to any applicable apprenticeship program. Within 60 days after concluding work pursuant to this Agreement, Consultant and each of its subconsultants shall submit to City a verified statement of the journeyman and apprentice hours performed under this Agreement.

9. The Consultant shall not perform Work with any Subconsultant that has been debarred or suspended pursuant to California Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. The Consultant and Subconsultants shall not be debarred or suspended throughout the duration of this Contract pursuant to Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. If the Consultant or any subconsultant becomes debarred or suspended during the duration of the project, the Consultant shall immediately notify City.

10. Consultant acknowledges that eight hours labor constitutes a legal day's work. Consultant shall comply with and be bound by Labor Code Section 1810. Consultant shall comply with and be bound by the provisions of Labor Code Section 1813 concerning penalties for workers who work excess hours. The Consultant shall, as a penalty to City, forfeit $25.00 for each worker employed in the performance of this Agreement by the Consultant or by any subconsultant for each calendar day during which such worker is required or permitted to work more than eight hours in any one calendar day and 40 hours in any one calendar week in violation of the provisions of Division 2, Part 7, Chapter 1, Article 3 of the Labor Code. Pursuant to Labor Code section 1815, work performed by employees of Consultant in excess of eight hours per day, and 40 hours during any one week shall be permitted upon public work upon compensation for all hours worked in excess of eight hours per day at not less than one and one-half times the basic rate of pay.

11. California Labor Code Sections 1860 and 3700 provide that every employer will be required to secure the payment of compensation to its employees. In accordance with the provisions of California Labor Code Section 1861, Consultant hereby certifies as follows:

> "I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract."

12. For every subconsultant who will perform work on the project, Consultant shall be responsible for such subconsultant's compliance with Chapter 1 and Labor Code Sections 1860 and 3700, and Consultant shall include in the written contract between it and each subconsultant a copy of those statutory provisions and a requirement that each subconsultant shall comply with those statutory provisions. Consultant shall be required to take all actions necessary to enforce such contractual provisions and ensure subconsultant's compliance, including without limitation, conducting a periodic review of the certified payroll records of the subconsultant and upon becoming aware of the failure of the subconsultant to pay his or her workers the specified prevailing rate of wages. Consultant shall diligently take corrective action to halt or rectify any failure.

13. To the maximum extent permitted by law, Consultant shall indemnify, hold harmless and defend (at Consultant's expense with counsel reasonably acceptable to City) City, its officials, officers, employees, agents and independent consultants serving in the role of City officials, and volunteers from and against any demand or claim for damages, compensation, fines, penalties or other amounts arising out of or incidental to any acts or omissions listed above by any person or entity (including Consultant, its subconsultants, and each of their officials, officers, employees and agents) in connection with any work undertaken or in connection with the Agreement, including without limitation the payment of all consequential damages, attorneys' fees, and other related costs and expenses. All duties of Consultant under this Section shall survive the termination of the Agreement.

AGREEMENT NO. _____
PROFESSIONAL SERVICES AGREEMENT
BETWEEN THE CITY OF PICO RIVERA AND
WILLDAN ENGINEEERING

1. IDENTIFICATION

THIS PROFESSIONAL SERVICES AGREEMENT ("Agreement") is entered into by and between the City of Pico Rivera, a California municipal corporation ("City") and Willdan Engineering, ("Consultant"). City and Consultant are sometimes hereinafter individually referred to as a "Party" and collectively referred to as "Parties."

2. RECITALS

2.1 City has determined that it requires professional services from a consultant to provide on-call engineering services.

2.2 Consultant represents that it is fully qualified to perform such professional services by virtue of its experience and the training, education and expertise of its principals and employees. Consultant further represents that it is willing to accept responsibility for performing such services in accordance with the terms and conditions set forth in this Agreement.

NOW, THEREFORE, for and in consideration of the performance by the Parties of the mutual covenants and conditions herein contained, the Parties hereto agree as follows:

3. DEFINITIONS

3.1 "Scope of Services": Such professional services as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "A" and incorporated herein by this reference.

3.2 "Approved Fee Schedule": Such compensation rates as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "B."

3.3 "Commencement Date" : April 23, 2024

3.4 "Expiration Date" : June 30, 2029

4. TERM

The term of this Agreement shall commence at 12:00 a.m. on the Commencement Date and shall expire at 11:59 p.m. on the Expiration Date unless extended by written agreement of the Parties or terminated in accordance with Section 22 below.

5. CONSULTANT'S SERVICES

5.1 Consultant shall perform the services identified in the Scope of Services. City shall have the right to request, in writing, changes in the Scope of Services. Any such changes mutually agreed upon by the Parties, and any corresponding increase or decrease in compensation, shall be incorporated by written amendment to this Agreement. In no event shall the total compensation and costs payable to Consultant under this Agreement exceed the sum of Two Million Five Hundred Thousand Dollars ($2,500,000.00), unless specifically approved in advance, in writing, by City.

5.2 Consultant shall perform all work to the highest professional standards of Consultant's profession and in a manner reasonably satisfactory to City.

6. COMPENSATION

6.1 City agrees to compensate Consultant for the services provided under this Agreement, and Consultant agrees to accept in full satisfaction for such services, payment in accordance with the Approved Fee Schedule.

6.2 Consultant shall submit to City an invoice, on a monthly basis or less frequently, for the services performed pursuant to this Agreement. Each invoice shall itemize the services rendered during the billing period and the amount due. Within ten (10) business days of receipt of each invoice, City shall notify Consultant in writing of any disputed amounts included on the invoice. Within thirty (30) calendar days of receipt of each invoice, City shall pay all undisputed amounts included on the invoice. City shall not withhold applicable taxes or other authorized deductions from payments made to Consultant.

6.3 Payments for any services requested in writing by City and not included in the Scope of Services shall be made to Consultant by City on a time-and-materials basis using Consultant's standard fee schedule. Fees for such additional services shall be paid within sixty (60) days of the date Consultant issues an invoice to City for such services.

7. BUSINESS LICENSE

Consultant shall obtain a City of Pico Rivera business license prior to commencing performance under this Agreement.

8. COMPLIANCE WITH LAWS

Consultant shall keep informed of State, Federal and Local laws, ordinances, codes and regulations that in any manner affect those employed by it or in any way affect the performance of its services pursuant to this Agreement. Consultant shall at all times comply with such laws, ordinances, codes and regulations. Without limiting the generality

of the foregoing, if Consultant is an out-of-state corporation or LLC, it must be qualified and registered to do business in the State of California pursuant to sections 2105 and 17708.02 of the California Corporations Code. The City, its officers and employees shall not be liable at law or in equity occasioned by failure of Consultant to comply with this Section.

9. CONFLICT OF INTEREST

Consultant covenants that it presently has no interest and shall not acquire any interest, direct or indirect, which may be affected by the services to be performed by Consultant under this Agreement, or which would conflict in any manner with the performance of its services hereunder. During the term of this Agreement, Consultant shall not perform any work for another person or entity for whom Consultant was not working at the Commencement Date of this Agreement if both: (i) such work would require Consultant to abstain from a decision under this Agreement pursuant to a conflict of interest statute; and (ii) City has not consented in writing prior to Consultant's performance of such work.

10. PERSONNEL

Consultant represents that it has, or will secure at its own expense, all personnel required to perform the services identified in the Scope of Services. All such services shall be performed by Consultant or under its supervision, and all personnel engaged in the work shall be qualified to perform such services. Consultant reserves the right to determine the assignment of its own employees to the performance of Consultant's services under this Agreement, but City reserves the right, for good cause, to require Consultant to exclude any employee from performing services on City's premises. Tyrone Peter, Project Manager, shall be Consultant's project administrator and shall have direct responsibility for management of Consultant's performance under this Agreement. No change shall be made to Consultant's project administrator without City's prior written consent.

11. OWNERSHIP OF WRITTEN PRODUCTS

All reports, documents or other written material ("written products") developed by Consultant in the performance of this Agreement shall be and remain the property of City without restriction or limitation upon its use or dissemination by City. Consultant may take and retain copies of such written products as desired, but no such written products shall be the subject of a copyright application by Consultant. If any state, federal, or local law requires mandatory copyright protection for Consultant's work product, City shall comply with such laws to the extent feasible.

12. INDEPENDENT CONTRACTOR

12.1 Consultant is, and shall at all times remain as to City, a wholly independent . Consultant shall have no power to incur any debt, obligation, or liability on behalf of City or otherwise to act on behalf of City as an agent. Neither City nor any of its officers, employees or agents shall have control over the conduct of Consultant or any of Consultant's employees, except as set forth in this Agreement. Consultant shall not at any time represent that it is, or that any of its agents or employees are, in any manner employees of City.

12.2 The Parties further acknowledge and agree that nothing in this Agreement shall create or be construed to create a partnership, joint venture, employment relationship, joint-employer relationship, or any other relationship between Consultant or Consultant's employees except as set forth in this Agreement.

12.3 City shall have no direct or indirect control over Consultant's employees or sub-consultants with respect to wages, hours, and working conditions. In addition, City shall not deduct from the Compensation paid to Consultant any sums required for Social Security, withholding taxes, FICA, state disability insurance or any other federal, state or local tax or charge which may or may not be in effect or hereinafter enacted or required as a charge or withholding on the compensation paid to Consultant, Consultant's employees or subconsultants. City shall have no responsibility to provide Consultant, its employees or subconsultants with workers' compensation insurance or any other insurance.

12.4 The Parties further acknowledges the following: (i) that Consultant shall provide the services outlined in the Scope of Services directly to City; (ii) Consultant maintains a business location at the address listed under Section 20 that is separate and distinct from the City; (iii) Consultant contracts with other businesses to provide the same or similar services and maintains a clientele without restriction from the City; (iv) Consultant advertises and holds itself out to the public as available to provide the same or similar services; (v) unless otherwise specified in this Agreement, Consultant provides its own tools, vehicles, and equipment necessary for performing the Scope of Services; (vi) Consultant has proposed and negotiated its own rates; and (vii) consistent with the nature and demands of the project and the City's business hours, Consultant may set its own hours and location of work.

13. CONFIDENTIALITY

All data, documents, discussion, or other information developed or received by Consultant or provided for performance of this Agreement are deemed confidential and shall not be disclosed by Consultant without prior written consent by City. City shall grant such consent if disclosure is legally required. Upon request, all City data and any copies thereof shall be returned to City upon the termination or expiration of this Agreement.

14. NON-LIABILITY OF CITY OFFICIALS AND EMPLOYEES

No official or employee of the City shall be personally liable to Consultant in the event of any default or breach by City, or for any amount which may become due to Consultant.

15. INDEMNIFICATION

15.1 The Parties agree that City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers should, to the extent permitted by law, be fully protected from any loss, injury, damage, claim, lawsuit, cost, expense, attorneys' fees, litigation costs, or any other cost arising out of or in any way related to the performance of this Agreement. Accordingly, the provisions of this indemnity provision are intended by the Parties to be interpreted and construed to provide the fullest protection possible under the law to City. Consultant acknowledges that City would not enter into this Agreement in the absence of Consultant's commitment to indemnify and protect City as set forth herein. Notwithstanding the foregoing, to the extent Consultant's services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.2 To the full extent permitted by law, Consultant shall indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant or any of its officers, employees, servants, agents, or subconsultants in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees. Notwithstanding the foregoing, to the extent Consultant's Services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.3 City shall have the right to offset against the amount of any compensation due Consultant under this Agreement any amount due to City from Consultant as a result of Consultant's failure to pay City promptly any indemnification arising under this Section 15 or related to Consultant's failure to either: (i) pay taxes on amounts received pursuant to this Agreement or (ii) comply with applicable workers' compensation laws.

15.4 The obligations of Consultant under this Section 15 will not be limited by the provisions of any workers' compensation act or similar act. Consultant expressly waives

its statutory immunity under such statutes or laws as to City, its officers, agents, employees and volunteers.

15.5 Consultant agrees to obtain executed indemnity agreements with provisions identical to those set forth here in this Section 15 from each and every subconsultant or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. In the event Consultant fails to obtain such indemnity obligations from others as required herein, Consultant agrees to be fully responsible and indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant's subconsultants or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees.

15.6 City does not, and shall not, waive any rights that it may possess against Consultant because of the acceptance by City, or the deposit with City, of any insurance policy or certificate required pursuant to this Agreement. This hold harmless and indemnification provision shall apply regardless of whether or not any insurance policies are determined to be applicable to the claim, demand, damage, liability, loss, cost or expense.

15.7 **PERS ELIGIBILITY INDEMNITY.** In the event that Consultant or any employee, agent, or subconsultant of Consultant providing services under this Agreement claims or is determined by a court of competent jurisdiction or the California Public Employees Retirement System (PERS) to be eligible for enrollment in PERS as an employee of the City, Consultant shall indemnify, defend, and hold harmless City for the payment of any employee and/or employer contributions for PERS benefits on behalf of Consultant or its employees, agents, or subconsultants, as well as for the payment of any penalties and interest on such contributions, which would otherwise be the responsibility of City.

Notwithstanding any other agency, state or federal policy, rule, regulation, law or ordinance to the contrary, Consultant and any of its employees, agents, and subconsultants providing service under this Agreement shall not qualify for or become entitled to, and hereby agree to waive any claims to, any compensation, benefit, or any incident of employment by City, including but not limited to eligibility to enroll in PERS as an employee of City and entitlement to any contribution to be paid by City for employer contribution and/or employee contributions for PERS benefits.

16. INSURANCE

16.1 During the term of this Agreement, Consultant shall carry, maintain, and keep in full force and effect insurance against claims for death or injuries to persons or damages to property that may arise from or in connection with Consultant's performance of this Agreement. Such insurance shall be of the types and in the amounts as set forth below:

16.1.1 Comprehensive general liability, and Umbrella or Excess Liability Insurance covering all operations by or on behalf of Consultant providing insurance for bodily injury liability and property damage liability for the following and including coverage for:

16.1.1.1 Premises, operations, and mobile equipment

16.1.1.2 Products and completed operations

16.1.1.3 Broad form property damage (including completed operations)

16.1.1.4 Explosion, collapse, and underground hazards

16.1.1.5 Personal Injury

16.1.1.6 Contractual liability

in the amount of One Million Dollars ($1,000,000) per occurrence combined single limit; Two Million Dollars ($2,000,000) aggregate for products/completed operation; Two Million Dollars ($2,000,000) general aggregate (General aggregate must apply separately to Consultant's work under this Agreement.); and Five Million Dollars ($5,000,000) umbrella or excess liability.

16.1.2 Automobile Liability Insurance for owned, hired and non-owned vehicles utilized by Consultant, its employees or subconsultants, in the amount of One Million Dollars ($1,000,000) per accident for bodily injury and property damage.

16.1.3 Worker's Compensation Insurance as required by the laws of the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than One Million Dollars ($1,000,000) per accident for bodily injury or disease.

16.1.4 Professional Liability Insurance against errors and omissions in the performance of the work under this Agreement with coverage limits of not less than One Million Dollars ($1,000,000) per occurrence of claim/ Two Million Dollars ($2,000,000) in the aggregate.

16.2 Consultant shall require each of its subconsultants, if any, to maintain insurance coverage that meets all of the requirements of this Agreement.

16.3 The policy or policies required by this Agreement shall be issued by an insurer admitted in the State of California and with a rating of at least A:VII in the latest edition of Best's Insurance Guide.

16.4 Consultant agrees that if it does not keep the aforesaid insurance in full force and effect City may either: (i) immediately terminate this Agreement; or (ii) take out the necessary insurance and pay, at Consultant's expense, the premium thereon.

16.5 At all times during the term of this Agreement, Consultant shall maintain on file with City's Risk Manager a certificate or certificates of insurance showing that the aforesaid policies are in effect in the required amounts and, for the general liability and automobile liability policies, naming the City as an additional insured. Consultant shall, prior to commencement of work under this Agreement, file with City's Risk Manager such certificate(s).

16.6 Consultant shall provide proof that policies of insurance required herein expiring during the term of this Agreement have been renewed or replaced with other policies providing at least the same coverage. Consultant shall provide such proof to City at least two weeks prior to the expiration of the coverages.

16.7 The general liability and automobile policies of insurance required by this Agreement shall contain an endorsement naming City, its officers, employees, agents and volunteers as additional insureds. All of the policies required under this Agreement shall contain an endorsement providing that the policies cannot be canceled or reduced except on thirty days' prior written notice to City. Consultant agrees to require its insurer to modify the certificates of insurance to delete any exculpatory wording stating that failure of the insurer to mail written notice of cancellation imposes no obligation, and to delete the word "endeavor" with regard to any notice provisions.

16.8 The general liability and automobile policies of insurance provided by Consultant shall be primary to any coverage available to City. Any insurance or self-insurance maintained by City, its officers, employees, agents or volunteers, shall be in excess of Consultant's insurance and shall not contribute with it.

16.9 All insurance coverage provided pursuant to this Agreement shall not prohibit Consultant, and Consultant's employees, agents or subconsultants, from waiving the right of subrogation prior to a loss. Consultant hereby waives all rights of subrogation against the City.

16.10 Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of City, Consultant shall either reduce or eliminate the deductibles or self-insured retentions with respect to City, or Consultant shall procure a bond guaranteeing payment of losses and expenses.

16.11 Procurement of insurance by Consultant shall not be construed as a limitation of Consultant's liability or as full performance of Consultant's duties to indemnify, hold harmless and defend under Section 15 of this Agreement.

16.12 If Consultant maintains broader coverage and/or higher limits than the minimums shown above, the City requires and shall be entitled to the broader coverage and/or the higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

17. MUTUAL COOPERATION

17.1 City shall provide Consultant with all pertinent data, documents and other requested information as is reasonably available to City for the proper performance of Consultant's services under this Agreement.

17.2 In the event any claim or action is brought against City relating to Consultant's performance in connection with this Agreement, Consultant shall render any reasonable assistance that City may require.

18. RECORDS AND INSPECTIONS

Consultant shall maintain full and accurate records with respect to all matters covered under this Agreement for a period of three years after the expiration or termination of this Agreement. City shall have the right to access and examine such records, without charge, during normal business hours. City shall further have the right to audit such records, to make transcripts therefrom and to inspect all program data, documents, proceedings, and activities.

19. PERMITS AND APPROVALS

Consultant shall obtain, at its sole cost and expense, all permits and regulatory approvals necessary in the performance of this Agreement. This includes, but shall not be limited to, encroachment permits and building and safety permits and inspections.

20. NOTICES

Any notices, bills, invoices, or reports required by this Agreement shall be deemed received on: (i) the day of delivery if delivered by hand, facsimile, email, or overnight courier service during Consultant's and City's regular business hours; or (ii) on the third business day following deposit in the United States mail if delivered by mail, postage prepaid, to the addresses listed below (or to such other addresses as the Parties may, from time to time, designate in writing).

If to City:

Steve Carmona, City Manager
City of Pico Rivera
PO Box 1016
6615 Passons Blvd.
Pico Rivera, California 90660-1016

If to Consultant:

Vanessa Munoz, President and
Director of Engineering
Willdan Engineering
13191 Crossroads Pkwy North,
Suite 405
Industry, CA 91746

With a courtesy copy to:

Arnold M. Alvarez-Glasman, City Attorney
13181 Crossroads Parkway North
Suite 400 - West Tower
City of Industry, CA 91746

21. SURVIVING COVENANTS

The Parties agree that the covenants contained in Sections 13, 15 and Paragraph 17.2 of Section 17, of this Agreement shall survive the expiration or termination of this Agreement.

22. TERMINATION

22.1 City shall have the right to terminate this Agreement for any reason on five (5) calendar days' written notice to Consultant. Consultant shall have the right to terminate this Agreement for any reason on sixty (60) calendar days' written notice to City. The effective date of termination shall be upon the date specified in the notice of termination. Consultant agrees that in the event of such termination, City's obligation to pay Consultant shall be limited to payment only for those services satisfactorily rendered, as solely determined by the City, prior to the effective date of termination. Consultant agrees to cease all work under this Agreement on or before the effective date of any notice of termination. All City data, documents, objects, materials or other tangible things shall be returned to City upon the termination or expiration of this Agreement.

22.2 If City terminates this Agreement due to no fault or failure of performance by Consultant, then Consultant shall be paid based on the work satisfactorily performed, as solely determined by the City, at the time of termination. In no event shall Consultant be entitled to receive more than the amount that would be paid to Consultant for the full performance of the services required by this Agreement.

23. ASSIGNMENT

Consultant shall not delegate, transfer, subcontract or assign its duties or rights hereunder, either in whole or in part, without City's prior written consent, and any attempt

to do so shall be void and of no effect. City shall not be obligated or liable under this Agreement to any Party other than Consultant.

24. NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY

24.1 In the performance of this Agreement, Consultant shall not discriminate against any employee, subconsultant, or employment applicant because of race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation. Consultant will take affirmative action to ensure that subconsultants, employees, and employment applicants are treated without regard to their race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.2 Consultant will, in all solicitations or advertisements for employees placed by or on behalf of Consultant state either that it is an equal opportunity employer or that all qualified applicants will receive consideration for employment without regard to race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.3 Consultant will cause the foregoing provisions to be inserted in all subcontracts for any work covered by this Agreement except contracts or subcontracts for standard commercial supplies or raw materials.

25. WARRANTIES

25.1 Each Party has received independent legal advice from its attorneys with respect to the advisability of entering into and executing this Agreement, or been provided with an opportunity to receive independent legal advice and has freely and voluntarily waived and relinquished the right to do so. Each Party who has not obtained independent counsel acknowledges that the failure to have independent legal counsel will not excuse such Party's failure to perform under this Agreement.

25.2 In executing this Agreement, each Party has carefully read this Agreement, knows the contents thereof, and has relied solely on the statements expressly set forth herein and has placed no reliance whatsoever on any statement, representation, or promise of any other party, or any other person or entity, not expressly set forth herein, nor upon the failure of any other party or any other person or entity to make any statement, representation or disclosure of any matter whatsoever.

25.3 It is agreed that each Party has the full right and authority to enter into this Agreement, and that the person executing this Agreement on behalf of either Party has the full right and authority to fully commit and bind such Party to the provisions of this Agreement.

26. CAPTIONS

26.1 The captions appearing at the commencement of the sections hereof, and in any paragraph thereof, are descriptive only and for convenience in reference to this Agreement. Should there be any conflict between such heading, and the section or paragraph thereof at the head of which it appears, the section or paragraph thereof, as the case may be, and not such heading, shall control and govern in the construction of this Agreement.

26.2 Masculine or feminine pronouns shall be substituted for the neuter form and vice versa, and the plural shall be substituted for the singular form and vice versa, in any place or places herein in which the context requires such substitution(s).

27. NON-WAIVER

27.1 The waiver by City or Consultant of any breach of any term, covenant or condition herein contained shall not be deemed to be a waiver of such term, covenant or condition or of any subsequent breach of the same or any other term, covenant or condition herein contained. In no event shall the making by City of any payment to Consultant constitute or be construed as a waiver by City of any breach of covenant, or any default which may then exist on the part of Consultant, and the making of any such payment by City shall in no way impair or prejudice any right or remedy available to City with regard to such breach or default. No term, covenant or condition of this Agreement shall be deemed to have been waived by City or Consultant unless in writing.

27.2 Each right, power and remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise shall be cumulative and shall be in addition to every other right, power, or remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise. The exercise, the commencement of the exercise, or the forbearance of the exercise by any Party of any one or more of such rights, powers or remedies shall not preclude the simultaneous or later exercise by such Party of any of all of such other rights, powers or remedies.

27.3 Consultant shall not be liable for any failure to perform if Consultant presents acceptable evidence, in City's sole judgment, that such failure was due to causes beyond the control and without the fault or negligence of Consultant.

28. COURT COSTS AND ATTORNEY FEES

In the event legal action shall be necessary to enforce any term, covenant or condition herein contained, the Party prevailing in such action, whether reduced to judgment or not, shall be entitled to its reasonable court costs, including accountants' fees and expert witness fees, if any, and attorneys' fees expended in such action. The venue for any litigation shall be Los Angeles County, California.

29. SEVERABILITY

If any term or provision of this Agreement or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable, then such term or provision shall be amended to, and solely to, the extent necessary to cure such invalidity or unenforceability, and in its amended form shall be enforceable. In such event, the remainder of this Agreement, or the application of such term or provision to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby, and each term and provision of this Agreement shall be valid and be enforced to the fullest extent permitted by law.

30. GOVERNING LAW

This Agreement shall be governed and construed in accordance with the laws of the State of California.

31. COUNTERPARTS

This Agreement may be signed in any one or more counterparts all of which taken together shall be but one and the same Agreement. Any signed copy of this Agreement or of any other document or agreement referred to herein, or copy or counterpart thereof, delivered by facsimile or email transmission, shall for all purposes be treated as if it were delivered containing an original manual signature of the Party whose signature appears in the facsimile or email and shall be binding upon such Party in the same manner as though an originally signed copy had been delivered.

32. ENTIRE AGREEMENT

All documents referenced as exhibits in this Agreement are hereby incorporated in this Agreement. In the event of any material discrepancy between the express provisions of this Agreement and the provisions of any document incorporated herein by reference, the provisions of this Agreement shall prevail. This instrument contains the entire Agreement between City and Consultant with respect to the transactions contemplated herein. No other prior oral or written agreements are binding upon the Parties. Amendments hereto or deviations herefrom shall be effective and binding only if made in writing and executed by City and Consultant.

[This section intentionally left blank]

TO EFFECTUATE THIS AGREEMENT, the Parties have caused their duly authorized representatives to execute this Agreement on the dates set forth below.

"CITY" CITY OF PICO RIVERA	"CONSULTANT" WILLDAN ENGINEERING
_____ Andrew C. Lara, Mayor	_____ Vanessa Munoz, President and Director of Engineering
Dated: _____	Dated: _____
ATTEST:	**APPROVED AS TO FORM:**
_____ Cynthia Ayala, City Clerk	_____ Arnold M. Alvarez-Glasman, City Attorney

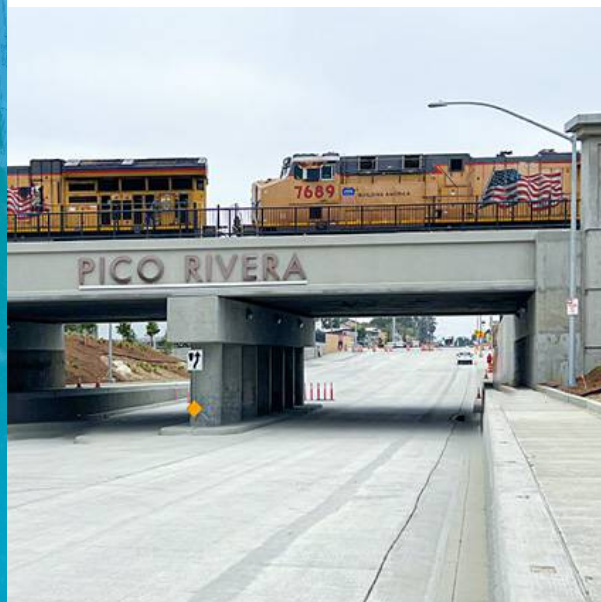
EXHIBIT A
SCOPE OF SERVICES

CITY OF PICO RIVERA
DEPARTMENT OF PUBLIC WORKS

Proposal for

ON-CALL ENGINEERING SERVICES

February 14, 2024



WILLDAN

A. Letter of Offer

February 14, 2024

Noe Negrete, P.E.
Director of Public Works
City of Pico Rivera
6615 Passons Blvd.
Pico Rivera, CA 90670-3658

Subject: Proposal for On-Call Engineering Services

The City of Pico Rivera is seeking on-call engineering consultants to provide the City with professional on-call engineering services including the planning and design of roadway and transportation projects, water treatment and distribution systems, sewer systems, flood control and storm drain facilities, parks/playgrounds/trails, and other Public Works construction projects – as well as specialty services including but not limited to grant administration, public outreach, preliminary engineering studies, environmental studies, right-of-way acquisition, geotechnical and multi-discipline support services, and prior rights claim expertise.

Willdan Engineering (Willdan) has a renowned "extension of staff" services delivery model and can provide the City with a project team that excels in the necessary disciplines to complete any project awarded under this on-call contract. Client satisfaction is our number one goal. As a multidisciplinary firm, Willdan offers a full complement of in-house staffing resources that enable us to continue to provide all services requested in the City's Request for Proposals along with a complete range of services to fulfill other City needs that may arise during the on-call engineering services contract. ***Specifically, Willdan brings superior technical and management expertise and enthusiasm to assist the City in achieving the goals of its Historic Whittier Boulevard Revitalization Program, transforming the site into an engaging, vibrant, and safe environment where all community members thrive.*** Willdan's team also offers:

Knowledge of the City of Pico Rivera. Our work with the City began in 1983 and has continued to this day, spanning over 40 years of service – 81 Design Engineering projects, 17 Construction Management projects, 11 Planning projects and 5 City Engineering contracts. We have provided planning, city engineering, building official, survey/topography, construction observation, traffic studies, plan checking, geotechnical observation and labor compliance on numerous projects throughout the City. Recent projects include the 2023 Slurry Seal CM/Inspection, Youth Center Renovations Project No. 50100, Golf Course Fire Damage Repairs CIP 21345, Beverly Blvd and San Gabriel Parkway Median, Regional Bikeway CIP No 21280 ATPL 5351(032), Citywide Major Streets 50047, 50048, 50066, 50067 Senior Center Tenant Improvements - CIP No 50036, Emergency Storm Drain, and Mines Ave Pavement Coring & Testing. Willdan knows the City of Pico Rivera and their development requirements and needs, allowing us to provide exceptional services to the City to meet their specific needs. Willdan continues to ensure the City receives exemplary services and maintains our Client-First philosophy to keep the City's goals and standards at the forefront of our mission.

Key Personnel with Award-Winning Engineering Accomplishments. **Project Manager Tyrone Peter, PE** has provided leadership on over 400 complex multidiscipline, multiagency infrastructure improvement projects in California, as engineering project manager, civil engineering task manager, and supervising engineer. An 18-year veteran of the design engineering field, he has acquired comprehensive public works experience -- including the 17 projects he has successfully managed or designed for the City to date – in the project management, design, and construction support of civil infrastructure, traffic, reconstruction, rehabilitation, landscape architecture, utility relocation, ADA, drainage, and wastewater projects. He works with many public agencies providing engineering services within Los Angeles, Orange, Riverside, San Bernardino, Fresno, and Northern California counties. This extensive experience ranges from feasibility studies to developing final construction documents and is invaluable in providing the needed perspectives for assisting the City of Pico Rivera with the delivery of the requested on-call services.

Deputy Project Manager **Jeffrey Lau, PE, TE, ENV SP** has 20 years of accomplishments on large, multi-discipline, multi-agency traffic and transportation projects, including having served as Traffic Task Lead on 24 contracts for the City of Pico Rivera including the On-Call Traffic Engineering Services contract. Jeff has managed design projects for over 100 cities and counties throughout California including Los Angeles and Inglewood. He has recently completed the Traffic Signal Communication Plans for the LAWA ITS Improvement Project at various locations throughout the city including the surrounding LAX roadway network at Century Boulevard from La Cienega Boulevard to Van Ness Avenue and La Cienega Boulevard from Florence Avenue to Century Boulevard. He possesses expertise in overseeing the preparation of plans, specifications, and estimates for traffic signal, signing and striping, and street lighting design projects.

Vanessa Muñoz, PE, TE is President of Willdan Engineering and will serve as the Principal-in-Charge and Quality Assurance Manager for all projects. She has overseen over 200 on-call contracts and served as project manager, principal, and quality lead for the successful completion of 2,000+ traffic and transportation projects, designed more than 1,000 new and modified traffic signal installations, and routinely supervises over 50 engineers and technicians for all types of municipal and transportation projects. Vanessa has served as Project Manager or Traffic Engineer on 29 contracts for the City of Pico Rivera including the On-Call Traffic Engineering Services contract.

Grant Writing and Management. As an added value to the City, Willdan offers an excellent track record pursuing and securing state/federal funding for various cities and counties. Willdan has been awarded $100M+ in funding and obtained $.5B for our municipal clients. Recently, Caltrans released their list of project grant applications selected for HSIP Cycle 11 funding. Willdan achieved a **93%** success rate for this cycle, successfully obtained funding for 13 of the 14 applications submitted for our clients, totaling $6,500,000.

60-Year Track Record. Willdan has extensive experience providing a complete range of engineering services to local agencies on an as-needed and project-specific- basis. We provide services in all phases of project development, including site analysis and conceptual development, preliminary and final design, and construction management and inspection. Our services involve environmental planning, facility financing, and state-of-the-art computer-aided design. We have direct experience with county, state, and federal processes, regulations, and requirements.

As President of Willdan Engineering, I am authorized to bind Willdan to the terms of the City's RFP and to make representations and negotiate on behalf of the firm. Our proposal shall remain valid for a period of not less than 90 calendar days from the date of submittal. I attest that all information submitted with the Proposal is true and correct. We acknowledge that Willdan is aware of/obligated by all addenda to this RFP, if any.

Consulting Firm	Contact Person
Willdan Engineering **Corporate Headquarters** **2401 E. Katella Avenue, Suite 300** **Anaheim, CA 92806** Phone: 714.940.6300 www.willdan.com Federal ID Number: 95-2295858	Vanessa Muñoz, PE, TE Willdan Engineering 13191 Crossroads Parkway North, Suite 405 Industry, CA 91746 562.368.4848 O 562.447.6844 M vmunoz@willdan.com.

We thank the City of Pico Rivera for the opportunity to submit our proposal for On-Call Engineering Services. We are excited about the opportunity to continue our partnership with the City of Pico Rivera and look forward to discussing our qualifications further.

Respectfully submitted,
WILLDAN

Vanessa Munoz, PE, TE, President and CEO

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B. Qualifications of the Firm

Firm Profile

Willdan Engineering, **a California corporation since 1964,** is a subsidiary of Willdan Group, Inc., a publicly traded Delaware corporation. Services are provided to nationwide clientele through three subsidiary firms – **Willdan Engineering,** Willdan Energy Solutions, and Willdan Financial Services – that offer a portfolio of diversified strengths. Throughout our history, Willdan Engineering (Willdan) has served as a full-service, multi-disciplinary firm specializing in building safety, municipal engineering, planning, and construction management and inspection services along with a full complement of support disciplines.

Willdan's corporate-wide staffing resources have grown from 637 in 2014 to over 1,600 employees in 56+ offices nationwide. Our corporate headquarters is located at 2401 East Katella Avenue, Suite 300 in Anaheim, California. Our City of Industry office will be the primary office for execution of this service; however, technical staff may be pulled from any office as needed. The firm's size and organization enable staff to efficiently communicate individual project challenges and goals companywide, thus capitalizing on all Willdan's resources to deliver the highest quality and most cost-effective product. Location information for all our offices can be found on our website.

Willdan has served as a full-service, multidisciplinary firm specializing in municipal engineering and planning services along with a full complement of support disciplines necessary for a sustainable project. Our services and in-house support disciplines encompass traffic, civil, structural, geotechnical, right-of-way, city, and special district engineering; urban and regional planning; program/construction management and inspection; plan, study, and report review; building safety; drainage and flood control; mapping; and other appurtenant services such as GIS, utility coordination and relocation, and landscape architecture.

With this depth of experience, expertise, knowledge, and resources, Willdan offers comprehensive solutions that are timely, cost effective, and tailored to meet the needs of individual communities. ***Our understanding of public agency challenges and needs is what makes Willdan unique.***

Financial Stability

Throughout our 60 years in business, Willdan has maintained a strong balance sheet with the financial and staffing resources to perform and complete all contractual obligations. We have continued to grow to better serve our clients by offering an expanding range of municipal services. Financial information, including information on revenue, earnings, and cash flow, are issued quarterly, and can be found at www.willdan.com. There are no pending conditions such as bankruptcy, pending litigation, outstanding claims in excess of

twenty-five thousand dollars ($25,000) for or against the firm; planned office closure, impending merger, etc., that would impede Willdan's ability to provide on-call engineering and professional consulting services.

Corporate Mission and Philosophy

From Day 1, Willdan has maintained a business strategy focused on providing services to only public agencies. Today, 98 percent of our business is with public agencies. This strategy prevents potential conflicts of interest with private enterprises conducting business with our public agency clients or within their jurisdiction. Willdan infuses our corporate culture of *Customer-First* throughout our entire staffing resources and all services provided.

Extension of Staff

Willdan has provided a full spectrum of professional engineering services that includes design engineering, city and traffic engineering, planning, transportation, building and safety, and construction management and inspection services to over 300 agencies, including jurisdictions, tribal communities, cities, and counties. We have highly trained, experienced staff to complete or enhance local agency staffing and meet their staffing requirements for permanent and/or interim staff on a full- or part-time basis. With over 75 licensed professional and technical personnel, Willdan offers dedicated, qualified staff with many of our skilled staff holding municipal positions prior to joining Willdan. Their specialized experience provides jurisdictions throughout California with efficient, cost-effective staffing assistance to maintain or expand departmental services and capabilities.

City of Pico Rivera Experience

Willdan currently provides design engineering, code enforcement staff, geotechnical engineering, and construction observation and testing to the City of Pico Rivera. Our work with the City began in 1983 and has continued to this day, spanning over 40 years of service. We have provided planning, city engineering, building official, survey/topography, construction observation, traffic studies, plan checking, geotechnical observation and labor compliance on numerous projects throughout the City. Willdan knows the City of Pico Rivera and their development requirements and needs, allowing us to provide exceptional services to the City to meet their specific needs. Below are a few examples of projects we've completed:

- Long Beach Boulevard Curb Ramps
- Pico Rivera Urban Bike Trail
  - Active, Healthy and Safe Communities Award Winner
  - APWA B.E.S.T Award Winner
- Sewer System Management Plan Update
- Fernwood Avenue Park
- Pico Rivera Construction Inspection- Street Light Retrofit
- Citywide Sidewalk Transition and CIP
- Burke/Ham Playground
- ATP Cycle 5 Grant Application
- Martin Luther King at Bullis Traffic Signal Modification
- Parking Lot Rehabilitation
- City Hall Construction Monitoring
- On-Call Energy Manager Support Services
- Beechwood at Shirley Traffic Study
- On-Call Planning Services
- Wright Road Pavement Rehabilitation
- PFAS Treatment System CM/Inspection
- ADA City Hall CM
- City Hall EV Charging
- Whittier Underpass Repair
- Underpass Drainage Passons, Rosemead & Paramount and Two Pump Stations
- Telegraph Road Over Rio Hondo Channel Bridge Repair Pressure-Relief Valve Station Project
- Slurry Seal CM/Inspection
- Youth Center Renovations, Project No 50100
- Golf Course Fire Damage Repairs, CIP No 21345
- Beverly Blvd and San Gabriel Parkway Median
- Regional Bikeway CIP No 21280 ATPL 5351(032)
- Citywide Major Streets 50047, 50048, 50066, 50067
- Senior Center Tenant Improvements - CIP No 50036
- Emergency Storm Drain
- Code Enforcement Services
- Mines Ave Pavement Coring & Testing
- Mines Ave Striping

Capability, Availability, Current Workload and Proven Record of Meeting Schedules on Similar Types of Projects

Within the last seven years, Willdan has completed projects and task orders for over 200 as-needed/on-call contracts at any given time and have ample capacity to provide civil engineering design services for the city including streets and highways, drainage, water/wastewater, signals, traffic programs, bridges and structures, rail facilities, mapping, landscaping, and parks. Our staff also bring significant and relevant qualifications that will result in successful performance. We offer 184 full- and part-time staff in the Southern California area who can be called upon to provide technical support or consultation to our project team. Our in-house capabilities and resource bench of over 1,600 staff members enable flexibility in staffing to rapidly reassign project workloads to an expanded team of subject matter experts from a variety of public works construction projects scheduled within the next several years, as well as private developments requiring public works inspection. We invite the City to contact our Reference clients to learn more about our proven record of meeting schedules on similar types of projects.

Similar Experience

Willdan's core competencies are in direct alignment with services identified in the City of Pico Rivera's requested scope of services. The matrix below represents a small fraction of the local agencies Willdan serves – or has served – with services like the services requested. Detailed descriptions of our most relevant projects are included in the Reference section.

Client	Civil Engineering	Traffic Engineering	Landscape Architectural	Drainage Engineering	Survey/Right-of-Way	Grant Administration	Geotechnical Services	Construction Management/ Inspection	Labor Compliance	Grant Application Preparation	NPDES/Watershed Management	Staff Augmentation
Los Angeles County												
City of Pico Rivera	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓
City of Agoura Hills	✓	✓	✓	✓	✓	✓	✓			✓	✓	
City of Bell	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Client	Civil Engineering	Traffic Engineering	Landscape Architectural	Drainage Engineering	Survey/Right-of-Way	Grant Administration	Geotechnical Services	Construction Management/ Inspection	Labor Compliance	Grant Application Preparation	NPDES/Watershed Management	Staff Augmentation
City of Calabasas	✓	✓	✓		✓			✓			✓	
City of Cudahy	✓	✓	✓	✓		✓	✓			✓		✓
City of El Monte	✓	✓	✓	✓	✓		✓			✓		✓
City of Inglewood	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
City of La Puente	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
City of Lakewood	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
City of Norwalk	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
City of Paramount	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
City of Pico Rivera	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
City of Rancho Palos Verdes	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓
City of Rolling Hills	✓	✓		✓	✓			✓				✓
City of Rolling Hills Estates	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
City of Rosemead	✓	✓	✓	✓	✓	✓	✓	✓				✓
City of South Gate	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
City of Westlake Village	✓	✓	✓	✓	✓			✓			✓	✓
Orange County												
City of Anaheim	✓	✓	✓		✓	✓		✓	✓			✓
City of Brea	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓
City of Buena Park	✓	✓						✓				
City of Laguna Niguel	✓	✓	✓		✓		✓	✓				
City of Los Alamitos	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
City of Newport Beach		✓	✓	✓	✓	✓	✓	✓	✓			✓
City of Placentia	✓	✓	✓	✓	✓		✓	✓				✓
City of Santa Ana					✓		✓	✓				✓
City of Tustin	✓	✓						✓	✓			✓
City of Yorba Linda	✓	✓	✓	✓	✓		✓	✓			✓	✓
County of Orange	✓	✓	✓				✓					✓
Emerald Bay Service District	✓	✓	✓	✓	✓		✓	✓				

Qualifications in the City's Scope of Work

As-needed/on-call engineering services are Willdan's foundation. Our staff includes former public agency or contract agency staff. Therefore, we understand the importance and purpose of as-needed contracts and are very familiar with the processes and procedures for such services. Within the last seven years, Willdan has completed projects and task orders for more than 200 as-needed/ on-call contracts. This experience and the relevant experience of our dedicated and available key personnel are what best suits Willdan to provide the City with as-needed services. Our history of working with as-needed contracts has prepared our staff well to respond to all requests for services in a positive, efficient manner. Our firm's commitment to responsive

service and successful project delivery has given us a reputation as a firm that can be trusted to listen, and to deliver a product our clients envision and embrace.

Civil Engineering

Willdan's highly trained and experienced civil engineering staff is supported by technical experts in various disciplines throughout the company. As a result, Willdan offers a range of expertise that only a large firm can provide. Willdan's civil design expertise includes transportation engineering; hydrology, drainage, flood control, and water/wastewater engineering. The firm's team of engineering professionals combines practical knowledge and technical expertise to develop solutions that are unique and customized to each need. With an extensive staff that includes civil, structural, traffic, and bridge engineers, Willdan has designed numerous types of transportation facilities, has managed transportation projects from initial project analysis through final design and construction, and has prepared pavement investigation design reports, pavement failure investigation reports, and pavement management system reports.

Drainage Design/Studies

Willdan has expertise in all aspects of drainage and flood control – ranging from local and regional improvements to hydraulic and sediment transport analyses of major rivers. Quality engineering solutions in drainage and stormwater management have been one of the primary elements of Willdan's municipal and public works experience. Willdan has prepared many watershed and floodway studies, completed flood control and drainage engineering projects, and performed design and construction inspection services. Our stormwater experts perform designs for major flood control improvements, large earthen dams for debris control, peak flow reduction facilities, and storm drain improvements. Our team assists federal, state, and local agencies and regional jurisdictions by providing ongoing flood control engineering services. Our facilities include an extensive library of computer applications for design, analysis, and modeling of drainage and flood control systems. The applications provide compatibility with the U.S. Army Corps of Engineers, along with state and local agencies.

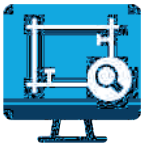
Traffic Design/Studies

Willdan's traffic engineering experience and expertise covers all facets of traffic engineering and planning, including city traffic engineering, traffic analysis, design, and management. In addition to our proven expertise in traditional design services such as signing, striping, and traffic signal and street lighting design, our traffic engineers are skilled in sophisticated computer-based applications such as arterial corridor and network signal coordination studies. They are proficient in traffic impact analysis and evaluation of transportation systems management, transportation demand management, and intelligent transportation systems strategies.

Willdan's traffic engineers are experts in conducting traffic surveys and data collection, investigating motorist and vehicle characteristics, identifying and recommending traffic safety and utilizing traffic laws and enforcement to determine traffic signal timing, and evaluating highway operations. Our traffic design team prepares traffic engineering designs to warn, regulate, and guide traffic and develop geometric design and channelization, traffic signal and street lighting plans and electrical design, parking lot designs, and traffic control/detour plans. They routinely lend their expertise for studies, reports, and designs for other improvements such as neighborhood traffic management/traffic calming, traffic impacts, school area and

pedestrian safety, crosswalk visibility enhancements, traffic impact fees, local road safety plans and safe routes to school, signal timing, and traffic circulation for local and federally funded projects.

Traffic and Transportation Engineering



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Water Resources Design Services

Willdan incorporates hydrology and hydraulic services into our design services to mitigate hazards caused by flooding events and to assist our clients with Federal Emergency Management Agency criteria floodplain mapping certifications and re-certifications. Our hydrology analyses identify characteristics of watersheds and water sources such as precipitation, snowmelt, riverways, etc. and quantify the watershed flow rates. Hydraulic analysis, water flow force, velocity, and depth are calculated and determined. Through these two processes, Willdan's team utilizes geologic, geographic information system, and topographic mapping and data, hydraulic modeling software, and other technological resources to establish peak discharge, flood frequency, channel and flood control paths, sediment transport, bridge foundation stability, and retention and detention basin capacities. Willdan completed the City's Sewer System Management Plan Update and prepared plans to upsize several of the Cities water mains.

Utility Coordination

Utility coordination – a critical path activity from design through construction – involves subsurface utility engineering, conflict analysis, communication, and cooperation with utility owners regarding project requirements, and construction observation or inspection of utility relocations. Successful coordination begins with early contact between individual utility owners and the project team. Willdan's utility coordination staff members routinely conduct discussions with agency staff and utility owners to ensure all stakeholders are aware of utility conflicts and assist with utility relocation. Our utility coordinators are knowledgeable in effectively identifying existing utilities, providing timely notification, and anticipating and resolving potential conflicts on plans and specifications. They are keenly aware that utility identification and location are crucial to project planning and development and are essential to saving time and money and keeping a project schedule on track. Our staff is adept at detailed identification and notification processes required for a myriad of project types.

Environmental Documentation Services

Willdan has a prolific history of providing environmental planning services to cities and counties throughout California. Willdan's planners prepare all necessary environmental documentation, as required by CEQA and/or NEPA, for public and private projects. Entitlements include, but are not limited to, general plan amendments, code amendment, rezones, tentative subdivision maps, conditional use permits, design reviews, and specific plans. We have the capability, experience, and expertise to prepare NEPA environmental documents for projects that are federally funded, implementing federal oversight NEPA guidelines, such as the Preliminary Environmental Studies form required by Caltrans Local Assistance, statutory worksheets, and environmental assessments/findings of no significant impacts for projects funded through Department of Housing and Urban Development, Community Development Block Grant, and HOME Investment Partnerships programs. Willdan can assist the county file notices with the County clerk and the State clearinghouse. Environmental documents prepared by Willdan's planners is broad and includes initial studies, negative/mitigated negative declarations, and NEPA/CEQA documents such as environmental impact reports, categorical exclusions, environmental assessments/findings of no significant impacts, and environmental impact statements.

Landscape Architecture

Willdan's landscape architects offer an array of services and expertise that adds long-term value to communities. Our landscape architectural team possesses knowledge of applicable codes and construction experience to ensure code compliance with a focus on site analysis, user needs programming, site design, parks/sports field design, recreational trails design, landscape preservation, land management and reclamation, water conservation, and arboriculture.

Survey, Mapping and Right-of-Way Engineering

Willdan provides a wide range of surveying, mapping, and right-of-way engineering services for major transportation improvements, street widenings, sewer and water improvements, urban redevelopment, final and parcel maps, and easement descriptions. Field services provided by Willdan include boundary surveys and/or research, topographic base mapping, right-of-way easement stakeout, construction staking, site surveys, ALTA survey, control survey, easements and legal description, Geographic Information System (GIS), aerial mapping, design survey, title report review and GPS.

Willdan provides subdivision map and engineering plan review services. These services include preparing and/or reviewing annexation documents, easement documents, lot line adjustments, parcel and tract maps, dedications, and vacations, along with ensuring compliance with standards. Willdan's survey and mapping services are provided to numerous cities and counties through teaming arrangements with local surveyors. These services include design survey and construction staking, monument restoration, boundary survey, right-of-way engineering, and ensuring maps and documents are drawn to applicable standards.

Geotechnical Engineering

Willdan provides a full gamut of geotechnical studies, engineering geology, and materials testing and inspection, including subsurface exploration, geologic and seismic hazard assessment, soil testing, engineering and pavement analyses and designs, construction support (soils and materials testing and inspection), slope stability and settlement analysis,

earthquake and seismic hazard analysis, and other special studies. Over the years, Willdan has successfully assisted our clients in completing projects in the areas of geotechnical engineering, engineering geology, and materials testing and inspection. Willdan maintains a full-service soils and material testing laboratory. Our laboratory is certified by the California Department of Transportation, Division of State Architect, the City of Los Angles and AASHTO Materials Reference Laboratory (AMRL). We also participate in the AASHTO Materials Reference Laboratory (AMRL), Cement and Concrete Reference Laboratory (CCRL), and Caltrans Proficiency Programs.

Utility Investigation and Locating

Utility coordination – a critical path activity from design through construction – involves subsurface utility engineering, conflict analysis, communication, and cooperation with utility owners regarding project requirements, and construction observation or inspection of utility relocations. Successful coordination begins with early contact between individual utility owners and the project team. Willdan's utility coordination staff members routinely conduct discussions with agency staff and utility owners to ensure all stakeholders are aware of utility conflicts and assist with utility relocation. Our utility coordinators are knowledgeable in effectively identifying existing utilities, providing timely notification, and anticipating and resolving potential conflicts on plans and specifications. They are keenly aware that utility identification and location are crucial to project planning and development and are essential to saving time and money and keeping a project schedule on track. Our staff is adept at detailed identification and notification processes required for a myriad of project types.

Structural Engineering Services

Willdan provides complete structural engineering design, analysis, inspection, and evaluation of structural systems related to transportation-related infrastructure. Our experienced staff performs bridge advance planning studies and analyzes and designs bridges, sound walls, and retaining walls. They possess in-depth knowledge of all federal, state, and local criteria and methodologies for preparing project development documents, design, construction documents, and processing designs through Caltrans Local Assistance.

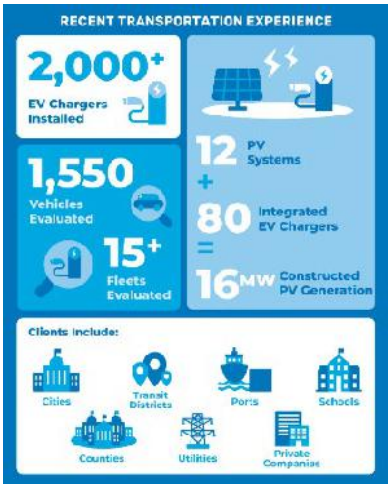
Electrical Engineering

Willdan completes engineering-intensive, detailed audits to develop to evaluate a facility's existing electrical conditions and develop customized solutions that address our clients' long-term needs. Willdan regularly completes ASHRAE Level II audits as part of our audits, providing the City with the conceptual scope details and cost estimates needed to make informed decisions to move into design phases. In **the last five years, Willdan completed 500+ ASHRAE Level II audits in California alone.**

Mechanical Engineering

Willdan's extensive in-house capabilities cover the full spectrum of technical support services for energy related projects, from initial identification and analysis through the creation of conceptual layouts, technical specifications, and full 100% design documents. Willdan's staff of energy engineers are extensively experienced with all the projects and service types and will work with the City staff to ensure that they receive the necessary mechanical, electrical, controls and civil engineering support. As necessary and as directed

by the City, Willdan will leverage the design experience of our turnkey services division to develop the appropriate level of design documents, whether it is conceptual schematics, single-line diagrams, or 50%, 75% or stamped 100% designs.



Landscape Architecture

Willdan's landscape architecture services entail planning, design, management, and nurturing of built and natural environments. Our landscape architects are well versed in planning, designing, and improving built and natural environments that can be enjoyed by whole communities. Our designs incorporate art, environment, engineering, architecture, and sociology for improvements such as parks/playgrounds, school/college campuses, neighbor and commercial streets, major thoroughfares and arterial roads, trails and paths, civic buildings such as community centers and city halls, commercial centers, habitat and vegetation restoration, and other projects that strengthen the community and the surrounding environments. With their combined experience in almost 70 major parks, mostly in California, our landscape architects offer an essential array of services and expertise that adds long-term value to projects and communities.

GIS Services

Willdan has been providing Geographic Information Systems (GIS) services to public agencies for over 30 years. We perform GIS analyses of civil infrastructure for use in planning and design. We prepare base mapping for engineering design projects and convert them to CAD format for use in Autodesk Civil 3D and Microstation. We routinely convert CAD drawings to GIS format for analysis of sewers, storm drains, water distribution systems and other civil infrastructure. Willdan uses ArcGIS Desktop 10.8.2 Standard and Advanced licenses, ArcGIS Pro 2.9.3, the ArcGIS Spatial Analyst Extension, 3D Analyst Extension, and ArcGIS Online. We also use Autodesk Civil 3D 2021 and Bentley Microstation V8i.

Design Review Services

Willdan's proposed review team members provide plan, mapping, and study reviews for a full complement of development improvements for private development and public infrastructure. Our team offers highly qualified discipline specialists capable of reviewing civil and traffic engineering, environmental, geotechnical, landscape, and structural designs and reports for residential, industrial, and commercial developments; public buildings; recreational facilities; site grading; landscaping; transportation improvements; and utility, storm drain, and flood control facilities.

Willdan's capabilities in improvement plan reviews encompass street, drainage, sewer, and water plans; hydrology/hydraulic and preliminary drainage studies; FEMA requirements; and design for landscape and irrigation, bridges and structures, and park facilities – to name a few. Willdan provides traffic design plans reviews for land development projects such as traffic signals, signing and striping, street lighting, temporary traffic control and construction de-tours, electric vehicle charging stations, pedestrian and bicycle facilities, and circulation plans. Hydrology and hydraulic calculations are checked for accuracy to verify drainage plans are adequate for design runoff. Structural calculations, when submitted, are checked by our in-house engineers specializing in bridges, retaining walls, and other structural improvements. Grading plans are checked against geotechnical recommendations. Utility offsite improvement plans prepared for other

agencies are reviewed for conflict/consistency with established design guidelines. Street improvement plans are reviewed for ADA compliance. Willdan provides local area reviews for parcel and tract maps, lot line adjustments, certificates of compliance, vacations and dedications, and other survey documents. Our team routinely assists clients with parcel and tract maps; boundary, topographic, ALTA, and right-of-way surveys; boundary line adjustments; legal descriptions; and other survey services. Our team utilizes AutoCAD 3D, MicroStation, GIS, and other software to identify, analyze, and determine ownership line discrepancies, overlaps, or gaps. Willdan's plan check team members possess improvement plan check capabilities in street, sewer, ADA requirements, traffic, street lighting, striping, and erosion control and drainage plans. Our staff regularly attend seminars, affiliated organization events, and workshops to remain current with updated standards and regulations including ADA, National Pollutant Discharge Elimination System (NPDES), and Low Impact Development (LID).

Staff Support and Augmentation

Willdan was founded on the principle of providing staff augmentation services to our municipal clients—a principle that benefited our clients and enabled our growth and success. Willdan personnel serve as land surveyors, city and traffic engineers, building officials, plans examiners, inspectors, planning directors, case planners, public works directors, or project managers. Their backgrounds and experience serving as public agency staff and as contract staff through Willdan's extension of staff services, provide a clear understanding of challenges facing public agencies. Combining the strength of these personnel with experts nationwide, Willdan offers practical, timely, cost-effective solutions that meet community needs.

Grant Administration

Willdan is thoroughly familiar with regulations pertaining to expenditures of federal, state, county, and local funds, including:

- Arterial Highway Rehabilitation Program (AHRP)
- Active Transportation Program (ATP)
- Highway Safety Improvement Program (HSIP)
- Surface Transportation Program Local (STPL)
- Safe, Accountable, Flexible, Efficient Transportation Equity Act (SAFETEA-LU)
- Community Development Block Grant (CDBG)
- Congestion Mitigation and Air Quality (CMQAQ)
- Highway Bridge Program (HBP)
- Transportation Development Act (TDA)
- Call for Projects
- Measure M, R and W
- Proposition A and C
- Proposition 42
- Proposition IB
- SBI
- State Gas Tax
- Urban Greening Grant
- Various other grant and funding sources

This knowledge is critical in executing projects funded by federal or state programs that have special permitting and reporting requirements. We have worked extensively for and with the CPUC, all Caltrans Districts, Caltrans Division of Structures, Regional Water Quality Control Boards, and the U.S. Army Corps of Engineers. We have processed numerous permits and approvals through FHWA, CPUC, FRA, CTC, CCC, CDFW, RWQCB, etc. We are familiar with funding, permitting, and procedural requirements of these agencies and have an excellent working relationship with the essential staff involved in local agency programs. Our contacts with personnel in these agencies enable us to facilitate permit processing and compliance when required.

Grant Writing - Local, State and Federal

Willdan offers expertise in funding sources to assist our clients with obtaining available funding for current and future capital improvement projects. Our team offers vast knowledge of local/state/federal funding availability, along with administration and procurement requirements, for a wide variety of funding sources. Willdan's staff members have prepared numerous funding and competitive grant applications for various client cities. The applications generally require extensive research to investigate facilities and existing conditions, soliciting support from local civic groups, and completing a detailed cost estimate for project implementation. Willdan offers expertise in grant writing and selecting winning projects. Our submittals have a greater than 50 percent award rate on competitive state and federal grants. In addition, Willdan's team possesses vast experience preparing and processing required Caltrans forms for local agencies, including state and federal funding forms, checklists, invoices, and reports of expenditures. Willdan has assisted local agencies at various project stages with state and federal funding, from the initiating request to final invoicing. Willdan team members maintain quality relations with Caltrans' District Local Assistance. ***Willdan offers expertise in grant writing and selecting winning projects. Willdan has an excellent track record in pursuing and securing state/federal funding. In HSIP Cycle 11, we submitted 14 applications and 13 were awarded for over $6.5 million, a 93% success rate. To date, we have been awarded a total of $100M+ in funding and have obtained $.5B for our clients!***

Construction Management and Inspection

Willdan provides expertise in all areas of project and construction management, construction administration, construction inspection and observation, grant funding administration and compliance, labor, and DBE compliance, claims review and investigation, materials testing, and community relations. We specialize in partnering with clients to maintain good community relations with residents and businesses affected by construction. Willdan's corporate philosophy emphasizes strong leadership, cost effectiveness, timely performance, and consistent reciprocal communication with clients and internal and external resources.

Our resident engineers, construction managers, and construction inspectors offer reliable service, quality workmanship, use of good judgment, fair and equitable treatment, and adherence to our corporate integrity. These experienced team members identify and correct discrepancies, ambiguities, omissions, or conflicts in plans, specifications, and bid schedules that might generate misinterpretation and/or lead to agency and contractor disagreements. Our professionals are adept at anticipating issues before they arise through continual review of project plans, specifications, contractors' schedules, and contract documents. Potential problems are brought to the attention of the project manager and/or the contractor, along with constructive recommendations for solutions, so that costly delays and negative impacts to the public are avoided.

Labor Compliance Management and Oversight

Willdan has been providing federal labor compliance services for over 25 years. This experience has enabled our staff to develop an extremely efficient compliance management system – perfected through continual review and updates – that maximizes efficiency, minimizes cost, and provides our clients with a high level of comfort about project progress. Our staff members have extensive and varied experience with contract administration in general – where state law often has a bearing on contract compliance. In addition, our staff has undergone training to administer projects funded by a variety of state and federal sources, including California Department of Transportation (Caltrans), Federal Highway Administration (FHWA), Federal Transit Administration (FTA), Department of Energy (DOE), Environmental Protection Agency (EPA), State Water Resources Control Board (SWRCB), and U.S. Department of Housing and Urban Development (HUD). Our staff members are cognizant of the reporting requirements for these agencies and have been thoroughly trained in fraud prevention and detection.

Materials Engineering Services

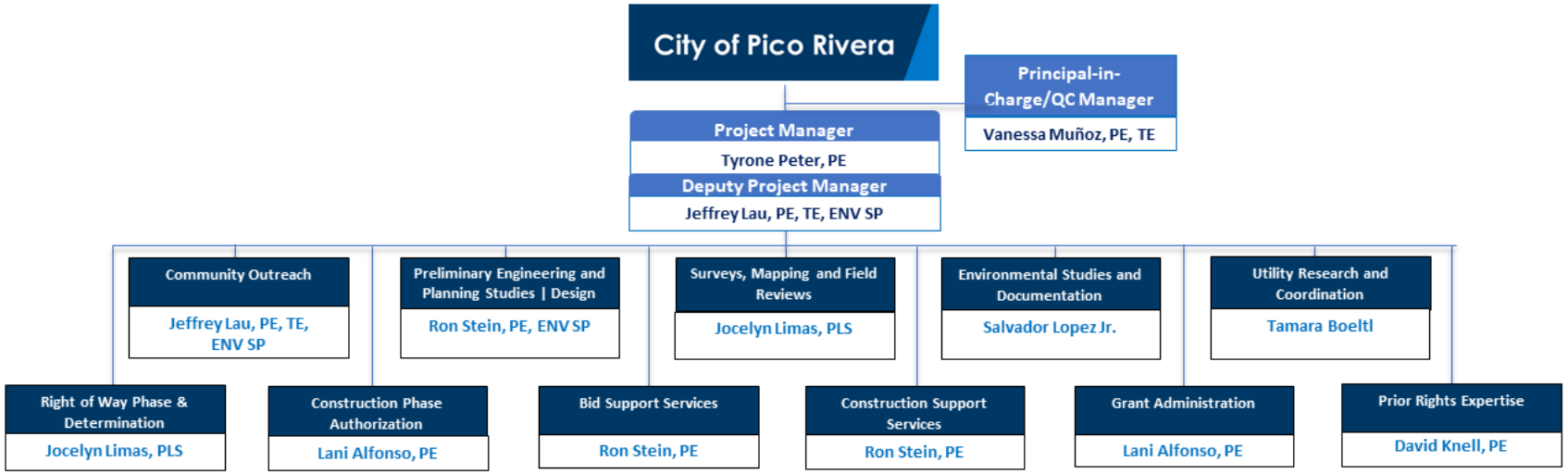
Willdan provides a full gamut of geotechnical studies, engineering geology, and materials testing and inspection, including subsurface exploration, geologic and seismic hazard assessment, soil testing, engineering and pavement analyses and designs, construction support (soils and materials testing and inspection), slope stability and settlement analysis, earthquake and seismic hazard analysis, and other special studies. Over the years, Willdan has successfully assisted our clients in completing projects in the areas of geotechnical engineering, engineering geology, and materials testing and inspection. Willdan maintains a full-service soils and material testing laboratory. Our laboratory is certified by the California Department of Transportation, Division of State Architect, the City of Los Angles and AASHTO Materials Reference Laboratory (AMRL). We also participate in the AASHTO Materials Reference Laboratory (AMRL), Cement and Concrete Reference Laboratory (CCRL), and Caltrans Proficiency Programs.

C. Proposed Staffing

Willdan Engineering provides services to perform, facilitate and oversee project design, coordinate with public and private utilities, cities, and agencies, assist with bidding and submittal review, and complete as-constructed record drawings related to CIP projects. In line with these services, the firm performs necessary design, surveys, studies, investigations, and other relevant services to deliver a complete design package to our clients.

Organizational Chart

The project organization chart contained herein identifies the key personnel and further illustrates the communication and reporting relationships and project roles for Willdan's team. Willdan attests that key personnel will be available to the extent proposed for the duration of the Professional Services Agreement and that no person assigned to a project will be removed or replaced without the prior written concurrence of the City of Pico Rivera. It is important to note the personnel shown are all Willdan employees and the technical staff depicted represent the caliber of person who may be called upon to provide support to our key staff. This is far from an exhaustive list of our staffing resources and is shown to assist the City in evaluating the caliber and depth of our staff.



Available Technical Resources

Civil Design
Rafael Casillas, PE
George Saba, PE
Matthew Crim, PE, ENV SP
Bernardo Reyes
Chris Stone
Yocelin Cruz, ENV SP

Hydrology/Hydraulics
Kenneth Krieger

Utility Coordination
Sheila McCracken

Survey
David Knell, PLS
Susy Barrientos

Storm Drain/Water/Sewer
Michael Bustos, PE, ENV SP, PE
Christopher Kelley, PE, QSD/P
Ana Ananada, PE
Kenneth Krieger
Jennifer Shinn

SWPPP/WQMD
Joseph Bellomo, PE, QSD/P
Tejal Gandhi, PE, QSD/P
Christopher Kelley, PE, QSD/P
Kelsey Reed, CESSWI, QSP

NPDES
Mayra Martinez
Kayla Urbina, EIT

Traffic Studies
Farhad Iranitalab, PE, TE
Nicolle Spann, PE, TE
Joanne Itagaki
Emilio J. Murga, EIT

Traffic Design
Minh Phan, TE
Kevin Custado, ENV SP
Robert Burch
Maryanne Truong, ENV SP
Miguel Obregon, ENV SP
Bryan Cruz, ENV SP
Reginald Greene

Geotechnical Reports & Testing
Joseph Ritchey
Ramon Calbay

Environmental Compliance & Permitting
Christine Kudija, J.D., AICP
Todd Gish, AIA, Ph.D., LEED AP
Christopher Minniti, AICP, LEED

Envision/Agency Coordination
Kevin Custado, EIT, ENV SP

Landscape Design
John Hidalgo, RLA
Bryan Nguyen, RLA
Carlos Espinoza, RLA
Juan Vergara

GIS
Camryn Lopez, EIT
Rex Miller
Jeffrey Jensen

Structural
Aaron Cohen, PE
Richard Uhlmann

Grant Funding/Admin
Jane Freij
Amanda Perez
Brian Moss

Electrical
Casey Smith, PE
Taylor Briglio

Mechanical
Ben Laboy, PE

Project Management Team

Tyrone Peter, PE will be the Project Manager and the City's point of Contact. He possesses extensive expertise with municipal and public works capital improvement and maintenance projects. He is an experienced project manager – skilled at building strong relationships with clients, community members, fellow staff, and supervisors. Tyrone is familiar with approval and permitting procedures for federal, state, county, and local jurisdictions, and regulatory permits. He has experience with funding sources, including assessment districts; enterprise funds; and other federal state, and local programs. Tyrone's broad experience in city engineering, project management, and supervision of design teams – along with his exceptional understanding of procedures and processes for public works and engineering operations in the municipal arena – provide a strong project manager capable of maintaining budgets and schedules for our client's capital improvement projects.

Project Manager Contact Information
Tyrone Peter PE
(657) 223-8557
tpeter@willdan.com

Scan to save contact information

Key Staff Qualifications

As Willdan explored the contract scope and identified and investigated key City needs based upon the City's Request for Proposals and our knowledge of the City, we assembled our project team – matching expertise to on-call needs. The selected individuals will lend their expertise and knowledge to the City through innovative solutions and quality results. Willdan is committing high-performing key staff to the City's On-Call Civil Engineering Services contract. They will be supported by team members with expertise in maps, lot line adjustments, and quit claim processing; Low Impact Development (LID) review, erosion, grading drainage, and utility plan review; geotechnical engineering and reports; and land surveying. Our Design Engineering Group offers full-and part-time staff who can be called upon to assist or provide consultation to our project team. These resources possess relevant experience as project and task managers, design engineers, GIS and technical report analysts, and technical aids. In total, Willdan offers over 1,500 staff members that can provide consultation in other relevant disciplines such as construction management and inspection; geotechnical and right-of-way engineering; constructability review; safety lighting; environmental; and services related to energy and municipal financing.

STAFFING COMMITMENT

Key Personnel Matrix/Resumes

We have highlighted our staff qualifications in the matrices on the following pages to show our key personnel's role, qualifications, licenses, and experience. Full resumes for our key staff are included in the Appendix.

Tyrone Peter, PE

Project Manager

Education / Credentials	▪ *BS, Engineering and Civil Engineering, Tamil Nadu College of Engineering* ▪ *Civil Engineering, Murugappa Polytechnic* ▪ *Civil Engineer, California, No. 81888*
Experience	▪ *18 Years of Experience* ▪ *City of Pico Rivera, As-Needed Engineering Services* ▪ *City of Los Alamitos, As-Needed Engineering Services* ▪ *City of Paramount, On-Call City Engineering Services* ▪ *City of La Puente, On-Call City Engineering Services* ▪ *County of Orange, On-Call Plan Check Services* ▪ *City of Yorba Linda, As-Needed Engineering Services* ▪ *City of Cerritos, On-Call Plan Check Services* ▪ *City of Inglewood, On-Call Project/Program Management Services*

Jeff Lau, PE, TE, ENV SP

Deputy Project Manager

Education / Credentials	▪ *BS, Civil Engineering, California State Polytechnic University, Pomona* ▪ *Civil Engineer, California No. 83887* ▪ *Traffic Engineer, California No. 2335* ▪ *Envision Sustainability Professional, No. 45376* ▪ *Doppler Radar Operator*
Experience	▪ *20 Years of Experience* ▪ *City of Pico Rivera, As-Needed Engineering Services* ▪ *County of Los Angeles, On-Call Traffic Engineering Services* ▪ *City of La Puente, On-Call Traffic Engineering Services* ▪ *City of Pico Rivera, On-Call Traffic Engineering Services* ▪ *City of Lakewood, On-Call Traffic Engineering Services* ▪ *City of Paramount, General Engineering Services*

Vanessa Munoz, PE, TE

Principal-in-Charge | Quality Assurance Manager

Education / Credentials	▪ *BS, Civil Engineering, California State Polytechnic University, Pomona* ▪ *Traffic Engineer, California No. 2341* ▪ *Civil Engineer, California No. 67583* ▪ *Doppler Traffic Operator*
Experience	▪ *26 Years of Experience* ▪ *City of Pico Rivera, On-Call Traffic Engineering Services* ▪ *City of La Puente, On-Call Traffic Engineering Services* ▪ *City of Lakewood, On-Call Traffic Engineering Services* ▪ *Traffic Signal Communication Plans for the LAWA ITS Improvement Project City of Paramount* ▪ *Garfield Avenue Regional Corridor Capacity Enhancement, City of Paramount* ▪ *Lakewood Boulevard Regional Corridor Capacity Enhancement, City of Lakewood*

Ron Stein, PE, ENV SP

Preliminary Engineering and Planning Studies | Design | Bid and Construction Support Service

Education / Credentials	▪ *BS, Civil Engineering, Florida State University, Tallahassee* ▪ *Civil Engineer, California No. 86877* ▪ *Envision Sustainability Professional, No. 56028*
Experience	▪ *12 Years of Experience* ▪ *City of Pico Rivera, As-Needed Engineering Services* ▪ *City of Lo*s Alamitos, As-Needed Engineering Services* ▪ *City of La Puente, On-Call City Engineering Services* ▪ *County of Orange, On-Call Plan Check Services* ▪ *City of Rialto, On-Call Plan Check Services* ▪ *City of Inglewood, On-Call Project/Program Management Services*

Our technical support leads and other staff available to the City are presented on the following pages.

Support Staff / Job Classification	Education Background / Credentials	Experience
Jocelyn Limas, PLS ▪ Surveys, Mapping and Field Reviews ▪ Right of Way Phase & Determination	▪ AS, Sociology, ▪ Continuing Education - Subdivision Map Act Class ▪ Land Surveyor, California No. 9596 ▪ Remote Pilot License, Federal Aviation Administration No. 4080288	▪ **20 Years of Experience** ▪ Plan Checking and Development Services, City Surveyor for City of Elk Grove ▪ Staff Augmentation, City Surveyor for Rancho Cordova ▪ Staff augmentation, City Surveyor for City of Ione ▪ County of Sacramento Survey Services
Salvador Lopez Jr. ▪ Environmental Studies and Documentation	▪ BS, Urban and Regional Planning, California State Polytechnic University, Pomona	▪ **24 Years of Experience** ▪ Planning and Environmental Services, Cities of Artesia and Culver City ▪ On-Call Engineering Services, City of La Puente ▪ On-Call CEQA/NEPA Planning Services, City of Claremont
Tamara Boeltl ▪ Utility Research and Coordination	▪ General Education, Moorehead State University, MN ▪ Blueprint Reading, Fullerton Community College ▪ Building Construction, Pasadena Community College, ▪ Business English, Rio Hondo College, Whittier	▪ **35 Years of Experience** ▪ Street Rehab FY22, City of Pico Rivera ▪ Underpass Drainage, City of Pico Rivera ▪ Bowman Channel, City of Ridgecrest ▪ Alondra Boulevard, City of Paramount ▪ Paramount Bike Trail, City of Paramount
Lani Alfonso, PE ▪ Construction Phase Authorization ▪ Grant Administration	▪ BS, Civil Engineering ▪ Civil Engineer, California, No. 5639	▪ **32 Years of Experience** ▪ City of Inglewood Intermodal Transit Facility ▪ Miscellaneous Engineering Services, City of Pico Rivera ▪ City Engineering Services, City of Westlake Villag
David Knell, PE ▪ Prior Rights Expertise ▪ Survey Lead	▪ BS, Cartography, Boston University, Boston ▪ Civil Engineering and Land Surveying Classes, California State University, Long Beach ▪ Land Surveyor, California No. 5301	▪ **44 Years of Experience** ▪ Lakewood Blvd Regional Corridor Capacity Enhancement, City of Lakewood ▪ Firestone Blvd Capacity Enhancement, City of South Gate ▪ On-Call Map Review, City of Hawaiian Gardens
Rafael Casillas, PE ▪ Civil Design Lead	▪ BS, Public Administration, University of La Verne ▪ Civil Engineering (196 units), California State University, Los Angeles | Architecture Studies, Phoenix Institute of Technology ▪ Civil Engineer, California No. 68234	▪ **34 Years of Experience** ▪ Walker Avenue at Florence Avenue Intersection Improvements and Widening, City of Bell ▪ Arterial Street Resurfacing and Garfield Avenue Regional Corridor Capacity Enhancement, City of Paramount
George Saba, PE ▪ Civil Design	▪ BS, Civil Engineering ▪ Civil Engineer, California No. C-54563	▪ **30 Years of Experience** ▪ City of Norwalk, Norwalk-Local Street Rehabilitation ▪ City of Paramount, West Santa Ana Bicycle & Pedestrian Trail ▪ City of Rolling Hills Estates, Rolling Hills Road Bicycle Lane Improvements
Matthew Crim, PE, ENV SP ▪ Civil Design ▪ Envision/Agency Coordination	▪ BS, Civil Engineering, Cal Poly Pomona ▪ Civil Engineer, California No. 94393 ▪ Envision Sustainability Professional, Institute for Sustainable Infrastructure (ENV SP) No. 45380	▪ **14 Years of Experience** ▪ Guard Rail Project Tioga Drive, City of Modesto ▪ Marks/Nees/Chestnut Avenues Overlay, City of Fresno ▪ ADA Design, City of Fresno ▪ West Ward Avenue Street Rehabilitation, Ridgecrest
Bernardo A. Reyes ▪ Civil Design	▪ Experienced Civil Designer	▪ **10 Years of Experience** ▪ West Santa Ana Bicycle and Pedestrian Trail, Phase IV, City of Paramount ▪ HSIP Cycle 8 Design, City of La Puente ▪ Garfield Avenue Improvements, City of Paramount
Chris Stone ▪ Civil Design	▪ Graduate Courses, Mathematics, Oregon State University; Engineering Mechanics, Montana State University ▪ BS, Civil Engineering, Montana State University	▪ **25 Years of Experience** ▪ On-Call Plan Checking Services, City of La Quinta ▪ Plan Checking Services, Cities of Paramount, El Monte ▪ Mall Plan Check Services, City of Manhattan Beach ▪ Improvement Plan Check Services, City of San Bernardino

Support Staff / Job Classification	Education Background / Credentials	Experience
	▪ Civil Engineer, Nevada No. 12379; Arizona, No. 55200	
Yocelin Cruz, ENV SP ▪ Civil Design	▪ BS, Civil Engineering, California State Polytechnic University, Pomona ▪ Envision Sustainability Professional, Institute for Sustainable Infrastructure (ENV SP)	▪ **4 Years of Experience** ▪ Traffic Signal Communication Plans for the LAWA ITS ▪ Grant Funding Support Services, City of Paramount ▪ HSIP Cycle 10 Grant Application, City of Modesto
Sheila McCracken ▪ Utility Design Lead	▪ Highly experienced with utility companies	▪ **35 Years of Experience** ▪ Sanitary Sewer Master Plan (SSMP) Upgrade, City of Covina ▪ Compton Creek Alternatives Study, County of Los Angeles ▪ Roadside Bridge Widening Phase I – City of Agoura Hills ▪ General Engineering Services, City of South Gate
Susy Barrientos ▪ Survey	▪ BS, Civil Engineering, California State Polytechnic University, Pomona	▪ **24 Years of Experience** ▪ Base Line Street Widening, City of Highland ▪ On-Call Professional Services, Cities of El Monte, South Gate ▪ South Highland Ave Widening, City of Fontana
Michael Bustos, PE, ENV SP ▪ Storm Drain/Water/Sewer Lead	▪ BS, Civil Engineering (Magna Cum Laude), California Polytechnic State University, San Luis Obispo ▪ Caltrans Resident Engineer Academy ▪ Civil Engineer, California No. 73173 ▪ Envision Sustainability Professional, Institute for Sustainable Infrastructure No. 2696	▪ **21 Years of Experience** ▪ Annual Street Resurfacing, City of Westlake Village ▪ Imperial Highway Improvements, City of Inglewood ▪ Palos Verdes Drive North/Rolling Hills Road Traffic Signal Modifications, City of Rolling Hills Estates, California
Christopher Kelley, PE, QSD/P ▪ Storm Drain/Water/Sewer	▪ BS, Civil Engineering, California Polytechnic State University, Pomona ▪ Civil Engineer, California No. 83179 ▪ Qualified SWPPP Developer, No. 25874	▪ **18 Years of Experience** ▪ On-Call Engineering Services, City of Los Alamitos ▪ On-Call Engineering Services, City of Rolling Hills Estates ▪ Manhattan Beach Mall Rehabilitation, City of Manhattan Beach
Ana Ananda, PE ▪ Storm Drain/Water/Sewer	▪ MS, Sanitary/Environmental Engineering ▪ BS, Civil Engineering ▪ Professional Engineer, California No. 44287 ▪ California WTPO Grade 4; WDSO"Grade 5; Sewer Collection System Operator Grade 4	▪ **35 Years of Experience** ▪ Various Projects, City of Pico Rivera, California. ▪ Glenoaks Boulevard HSIP Cycle 7 and Resurfacing Improvements HSIP-5202(018), City of San Fernando
Kenneth Krieger ▪ Hydrology/Hydraulics Lead ▪ Storm Drain/Water/Sewer	▪ Experienced Civil Designer	▪ **29 Years of Experience** ▪ On Call Services, City of South Gate ▪ ADA Ramps and Sidewalks, City of Los Alamitos ▪ Garfield Avenue Improvements, City of Paramount ▪ Sewer Line Repair Project, City of Ridgecrest
Jennifer Chin ▪ Storm Drain/Water/Sewer	▪ BS, Civil Engineering, University of Nevada Las Vegas ▪ Civil Engineering, Nevada No. 25725 ▪ Certified PACP/LACP/MACP Professional, U 0817-07009026	▪ **17 Years of Experience** ▪ City of Pico Rivera FY22-Citywide Street Rehabilitation ▪ City of Napa On-Call Engineering Services ▪ City of Lynwood Lyn-Wright Road Rehabilitation ▪ Atherton On-Call Engineering Services
Joseph Bellomo, PE, QSD/P ▪ SWPPP/WQMD Lead	▪ BS, Civil Engineering, California State University, Los Angeles ▪ Civil Engineer, California No. 75564, Exp. 6/30/24 ▪ Qualified SWPPP Developer (QSD) and Qualified SWPPP Practitioner (QSP) (exp. 8/29/19) No. 20016	▪ **25 Years of Experience** ▪ NPDES/EWMP Consulting Services, City of San Fernando ▪ NPDES Consulting Services, City of La Cañada Flintridge ▪ NPDES/Water Quality Consultant Services, City of Hidden Hills ▪ NPDES Services, City of Bell
Tejal Gandhi, PE, QSD/P ▪ SWPPP/WQMD	▪ BS, Civil Engineering, California State Polytechnic University, Pomona ▪ Civil Engineer, California No. 79637 ▪ Qualified Stormwater Developer/Practitioner, California Stormwater ▪ Quality Association No. 25524	▪ **15 Years of Experience** ▪ Sanitary Sewer Feasibility Study, City of Rolling Hills ▪ Preliminary City Bridle Trail Drainage Analysis, City of Rolling Hills Estates ▪ Planning & Engineering Services FY 2019, County of Orange

Support Staff / Job Classification	Education Background / Credentials	Experience
Kelsey Reed, CESSWI, QSP ▪ SWPPP/WQMD	▪ Qualified Stormwater Practitioner (QSP), No. 25680 ▪ Certified Erosion, Sediment and Storm Water Inspector, No. 4574 ▪ Rainwater/Stormwater Post-Construction BMP Inspect. & Mtc Cert. ▪ Certified Hazardous Waste Operations and Emergency Response (HAZWOPER)	▪ **9 Years of Experience** ▪ NPDES FY 22/23, City of Westlake Village ▪ Municipal NPDES Services, City of Agoura Hills ▪ NPDES FY 22/23, City of Hidden Hills ▪ NPDES FY 22/23, City of La Cañada Flintridge
Mayra Martinez ▪ NPDES Lead	▪ BS, Environmental Science and Resource ▪ Management, California State University, Channel Islands ▪ American Red Cross First Aid/CPR/AED	▪ **9 Years of Experience** ▪ On-call City Engineering Services, City of La Puente ▪ NPDES Consulting Services, cities of San Fernando. La Cañada Flintridge, Hidden Hill, Westlake Village
Kayla Urbina, EIT ▪ NPDES	▪ BS, Environmental Engineering, University of Southern California ▪ Engineer-in-Training	▪ **2 Years of Experience** ▪ NPDES Consulting Services, Cities of San Fernando, La Cañada ▪ Flintridge, Hidden Hills, and Canyon Lake
Farhad Iranitalab, PE, TE ▪ Traffic Studies Lead	▪ BS, Civil Engineering, Oregon State University ▪ MS, Transportation Engineering, Oregon State ▪ Civil Engineer, California No. 33142 ▪ Traffic Engineer, California No. 1695	▪ **37 Years of Experience** ▪ On-Call Engineering Services, City of Paramount ▪ As-Needed Engineering Services, City of Inglewood ▪ City Traffic Engineering Services, City of La Canada Flintridge
Nicolle Spann, PE, TE ▪ Traffic Studies	▪ BS, Civil Engineering, California State Polytechnic University, Pomona ▪ Traffic Engineer, California No. 2933 ▪ Civil Engineer, California No. 91787 ▪ Civil Engineer, New Mexico No.26862	▪ **8 Years of Experience** ▪ West Santa Ana Branch Bicycle Trail, City of Paramount ▪ Garfield Ave Class II Bicycle Lanes, City of South Gate ▪ Lakewood Blvd Regional Corridor Capacity Enhancement, City of Lakewood
Joanne Itagaki ▪ Traffic Studies	▪ BS, Civil Engineering, California Polytechnic State University, Pomona ▪ Fundamentals of Traffic Engineering, Fundamentals of Traffic Signal Design, Safety through Construction and Maintenance Zones, Institute of Transportation Studies ▪ Doppler Traffic Radar Operator	▪ **37 Years of Experience** ▪ Parking Intrusion Study, City of Lakewood ▪ Traffic Calming Program, City of Bellflower ▪ Plan Checking Services, City of Paramount ▪ Transportation Engineering Services, Cities of Downey, Bell Gardens, Paramount, Rosemead, Pico Rivera
Emilio J. Murga, EIT ▪ Traffic Studies	▪ BS, Civil Engineering ▪ Engineering-in-Training, California No. 162881 ▪ 5 Years of Experience	▪ **6 Years of Experience** ▪ City Traffic Engineer/On-Call Traffic Engineering, City of Paramount ▪ City Traffic Engineer/On-Call Traffic Engineering, City of Inglewood ▪ On-Call Traffic Engineering, City of Temecula
Minh Phan, TE ▪ Traffic Design Lead	▪ BS, Civil Engineering, California State Polytechnic University, Pomona ▪ Registered Traffic Engineer, CA, No. 2219	▪ **24 Years of Experience** ▪ City of Ridgecrest, Upgrade of Traffic Signal Hardware At 7 Intersections; and Installation of Signage and Pavement Markings for 12 Intersections ▪ Alameda Corridor East Project, Los Angeles County ▪ HSIP – Avenue R and 55th Street East, City of Palmdale, CA
Kevin Custado, ENV SP ▪ Traffic Design	▪ BS, Civil Engineering, California Polytechnic State University, Pomona ▪ Engineer-in-Training, California No. 153964	▪ **8 Years of Experience** ▪ RRFB For Various Schools City of Modesto ▪ Northeast Quadrant Road Rehabilitation, City of Turlock ▪ City Yard Transit Electrification, Fairfield ▪ Copper Avenue and Auberry Road Traffic Signal, County of Fresno
Robert Burch ▪ Traffic Design	▪ AA, Liberal Arts, Mount San Antonio College, Walnut ▪ Post Certified Radar Operator, California State University, Fullerton	▪ **31 Years of Experience** ▪ Traffic Signal Installation at Golden State Blvd and American Ave, County of Fresno

Support Staff / Job Classification	Education Background / Credentials	Experience
	▪ Extension Courses, Traffic Signal Equipment and Operations and Construction Inspection for Traffic Signals and Highway Lighting Systems, University of California, Berkeley	▪ Traffic Signal Installation at Copper Ave and Auberry Rd, County of Fresno ▪ Traffic Signal Installation at Grantland Ave and Shaw Ave, County of Fresno
Maryanne Truong, ENV SP ▪ Traffic Design	▪ BS, Civil Engineering ▪ Engineer-in-Training, California No. 178108 ▪ Envision Sustainability Professional (ENV SP) #45543	▪ **5 Years of Experience** ▪ On-Call Traffic Engineering, City of Paramount ▪ On-Call Traffic Engineering, City of Inglewood ▪ On-Call Traffic Engineering, City of Temecula
Miguel Obregon, ENV SP ▪ Traffic Design	▪ BS, Civil Engineering ▪ Engineer-in-Training, California No. 175555 ▪ Envision Sustainability Professional (ENV SP) #45742	▪ **4 Years of Experience** ▪ On-Call Traffic Engineering, City of Paramount ▪ On-Call Traffic Engineering, City of Inglewood
Bryan Cruz, ENV SP ▪ Traffic Design	▪ BS, Civil Engineering ▪ Envision Sustainability Professional (ENV SP) #45531	▪ **3 Years of Experience** ▪ On-Call Traffic Engineering, City of Paramount ▪ On-Call Traffic Engineering, City of Inglewood
Reggie Greene ▪ Traffic Design	▪ BS, Civil Engineering, California Polytechnic State University, Pomona ▪ Doppler Traffic Radar Operator	▪ **24 Years of Experience** ▪ Lakewood Blvd/Hardwick St Traffic Signal, City of Lakewood ▪ Garfield Ave/70th St Traffic Signal Installation, City of Paramount ▪ Bicycle Safety Improvements, City of El Monte
Joseph Ritchey ▪ Geotechnical Reports and Testing Lead	▪ Coursework in inspection of structural masonry, reinforced concrete, post tension concrete, and prestressed concrete, Robert Schiltz School of Inspection ▪ Epoxy injection inspection: In depth hands-on training, Sika Seminar, Glendale School District ▪ ICC – Certified Special Instructor, Structural Masonry; Certified Special Instructor, Soil ▪ DSA – Structural Masonry; Assistant Inspector-of-Record	▪ **43 Years of Experience** ▪ Geotechnical and Material Special Inspection and Testing Services, City of Pomona ▪ Geotechnical and Material Special Inspection and Testing Services, City of Covina ▪ Geotechnical and Material Special Inspection and Testing Services, City of Diamond Bar
Ramon Calbay ▪ Geotechnical Reports & Testing	▪ BS, Civil Engineering, Mapua Institute of Technology, Manila, Philippines ▪ Certified in Soils Laboratory Testing, Caltrans ▪ Nuclear Gauge Operator CPN International, Inc.	▪ **43 Years of Experience** ▪ El Sobrante Landfill, Riverside County ▪ Irvine Spectrum Center, Irvine ▪ University of California; Parking Structure, Long Beach ▪ McArthur Widening/Overcrossing 405 Freeway, Irvine
Christine Kudija, J.D., AICP ▪ Environmental Compliance & Permitting Lead	▪ Juris Doctor, Northwestern School of Law, Lewis and Clark College, Portland, OR ▪ MLA, Landscape Architecture, California Polytechnic University, Pomona ▪ BA, Botany, University of California, Santa Barbara ▪ Certified Planner, American Institute of Certified Planners No. 085436 ▪ Attorney, California State Bar No. 22233	▪ **35 Years of Experience** ▪ Planning and Environmental Services, City Cudahy ▪ Planning and Environmental Services, City Artesia ▪ Planning and Environmental Services, County of San Joaquin ▪ Planning Services, County of Sacramento. Project Manager ▪ On-Call Planning and Environmental Services, City of Willows
Todd Gish, AIA, Ph.D., LEED AP ▪ Environmental Compliance & Permitting	▪ PhD, Urban Planning, University of Southern California ▪ M Arch, Urban Design, University of California, Los Angeles ▪ BS, Architecture, University of Southern California	▪ **31 Years of Experience** ▪ City of West Hollywood, Department of Planning & Development Services, West Hollywood ▪ USC Price School of Public Policy, Los Angeles – Adjunct Associate Professor
Christopher Minniti, AICP, LEED ▪ Environmental Compliance & Permitting	▪ Masters, Urban Planning, New York University ▪ BA, New York University ▪ American Institute of Certified Planners ▪ LEED Green Associate	▪ **14 Years of Experience** ▪ Planning Services, cities of Long Beach, Whittier, Downey ▪ Community Development Department, Planning Division, City of Culver City

Support Staff / Job Classification	Education Background / Credentials	Experience
Kevin Custado, EIT, ENV SP ▪ Envision/Agency Coordination Lead	▪ BS, Civil Engineering ▪ Engineer-in-Training, California No. 153964 ▪ Envision Sustainability Professional No. 4540	▪ **9 Years of Experience** ▪ On-Call Traffic Engineering Services, City of La Puente ▪ Firestone Boulevard Traffic Signals (HSIP), City of South Gate ▪ Street Lighting Design Services Project, City of Santa Monica
John Hidalgo, RLA ▪ Landscape Design Lead	▪ BS, Landscape Architecture, California State Polytechnic University, Pomona ▪ Landscape Architect, California, No. 3551, 1991 ▪ Landscape Architect, Nevada, No. 788, 2008 ▪ 1995, Licensed Contractor, California C-27, No. 713613	▪ **32 Years of Experience** ▪ Kanan Road at US 101 Freeway Landscape Modifications, City of Agoura Hills ▪ Riverfront Park, City of Maywood ▪ Summerland Parking Design & Circulation Design, County of Santa Barbara
Bryan Nguyen, RLA ▪ Landscape Design	▪ BS, Landscape Architecture, California Polytechnic State University, Pomona* ▪ Street Tree Seminars ▪ Landscape Architect, California No. 4967	▪ **25 Years of Experience** ▪ Fountain Valley Recreation Center Expansion, City of Fountain Valley ▪ As Needed Landscape Architect & Engineering Design Services, County of Los Angeles
Carlos Espinoza, RLA ▪ Landscape Design	▪ Landscape Architecture Study Abroad, Castiglione Fiorentino, Italy, ITALART Associazione Culturale Centro Studi, S. Chiara. Cal Poly Pomona Tuscany ▪ AA, General Education ▪ Landscape Architect, California No. 6534	▪ **22 Years of Experience** ▪ As Needed Landscape Architecture & Engineering Design Services, County of Los Angeles ▪ Clarksdale Skate Park Renovations, City of Hawaiian Gardens ▪ Quality Control Inspection/Customer Services, City of Yorba Linda
Juan Vergara ▪ Landscape Design	▪ BS, Landscape Architecture; AS, Arts ▪ Contractors State License Board No. 1083637 ▪ Landscaping Contractor/Tree Service Contractor C-27 / C-61 / D-49	▪ **10 Years of Experience** ▪ On-Call Engineering Services, City of Paramount ▪ As-Needed Engineering Services, City of Los Alamitos
Camryn Lopez, EIT ▪ GIS Lead	▪ MS, Water Resources and Environmental Engineering ▪ BS, Civil and Environmental Engineering ▪ Engineer-in-Training, California No. 171555	▪ **4 Years of Experience** ▪ CDBG Overlay, City of Highland ▪ Sidewalk and Parkway Improvement, City of Westlake Village ▪ Street Improvements, City of El Monte
Rex Miller ▪ GIS	▪ GIS Specialist	▪ **29 Years of Experience** ▪ Traffic Sign Inventory and Condition Assessment, Safety Network Traffic Signs, City of Ridgecrest, CA ▪ On-Call GIS Services, County of San Bernardino, CA ▪ On-site Wastewater Treatment System Inventory, Sewer Connection Reporting and ▪ Flow Monitoring, City of La Canada Flintridge, CA
Jeffrey Jensen ▪ GIS	▪ MS, Civil Engineering, University of Nevada ▪ BS, Civil Engineering, University of Nevada ▪ Civil Engineer, Nevada No. 15737 ▪ Certified PACP/LACP/MACP Professional, #U 0817-07009026 ▪ Civil Engineer, Idaho No. P-18791	▪ **22 Years of Experience** ▪ Improvement Plan Review, County of Sutter, CA ▪ Technical Drainage Study and Improvement Plan Review, Clark County Department of Public Works, NV. ▪ Technical Drainage Study and Improvement Plan Review, Clark County Department of Public Works, NV.
Aaron Cohen, PE ▪ Structural Lead	▪ BS, Civil Engineering, California State University-Long Beach | Master of Science, Structural Engineering, Irvine Institute of Technology ▪ California Professional Engineer, CE#58878 ▪ ICC Plan Examiner	▪ **29 Years of Experience** ▪ City of Irvine East Campus Housing Structure project ▪ Structural Plan Check of university buildings, single and multi-family homes, industrial buildings, commercial warehouses, restaurants, solar plans, tenant improvements; Loma Linda, Riverside, Moreno Valley, Orange County, Los Angeles County
Richard Uhlmann ▪ Structural	▪ Expert in Microstation CAD Software and InRoads Civil Design Software ▪ AS, Civil Engineering Technology, Morrison Institute of Technology, Morrison, IL	▪ **41 Years Experience** ▪ Walker Creek Bridge Phase II, County of Glenn, California ▪ County Road 67 over Howard Slough Four Bridge Replacement Projects

Support Staff / Job Classification	Education Background / Credentials	Experience
Jane Freij ▪ Grant Funding/Administration	▪ BA, Linguistics, University of Kansas ▪ Attorney Assistant Training Program, Litigation/ Corporations, University of California, Los Angeles	▪ **22 Years of Experience** ▪ On Call Labor Compliance Services, cities of Long Beach and Brea ▪ Gridley and Reservoir Hill Parks and Playground CDBG Improvements (Non-Entitlement)
Amanda Perez ▪ Grant Funding/Administration	▪ AS, Human Resources Management, Mount San Antonio College ▪ AS, Business Administration, Mount San Antonio College	▪ **12 Years of Experience** ▪ Street Resurfacing Project, City of Rolling Hills Estates ▪ Dolphin Ave Improvements, City of Ridgecrest ▪ Pavement Rehabilitation, City of Bell
Brian Moss, REHS Grant Funding/Administration	▪ BA, Environmental Studies, (Biological Sciences minor) ▪ Registered Environmental Health Specialist	▪ **32 Years of Experience** ▪ General Land Development Engineering Services, cities of Los Alamitos, Paramount and Rolling Hills Estates
Casey Smith, PE ▪ Electrical	▪ Electrical Engineer, California No. 22029	▪ **5 Years of Experience** ▪ Eureka City Schools Vehicle-To-Grid Microgrid Incorporating 140 KW ▪ City of Dublin $7M of DER Turnkey Projects (Solar PV, BES, EV Charging, Diesel Generators)
Taylor Briglio ▪ Electrical (Electric Vehicle Charging)	▪ Master of Environmental Science and Management, Bren School of Environmental Science & Management - UC Santa Barbara, Santa Barbara, CA ▪ BS, Environmental Science, UCLA, Los Angeles, CA ▪ LEED Green Associate	▪ **6 Years of Experience** ▪ Southern California Association of Governments EV Infrastructure Plans for 18 cities ▪ City of Fairfield Transportation Electrification Master Plan ▪ Tulare County Association of Governments EV Implementation Study ▪ City of Ridgecrest solar PV system, Level 2 EV chargers, and DC Fast Chargers
Benjamin Laboy, PE ▪ Mechanical	▪ MS, Earth Systems, Concentration in Energy Efficiency, Stanford University, CA ▪ BS Science, Technology and Society, Stanford University, CA ▪ Registered Professional Engineer (Mechanical), California	▪ **8 Years of Experience** ▪ City of Dublin $7M of DER Turnkey Project Scope at 8 Different Facilities, Escondido Union School District Solar PV ▪ City of Elk Grove Solar PV System ▪ Eureka City Schools Vehicle-To-Grid Microgrid ▪ Golden Empire Transit (GETBus) 438kW PV System and Associated 50kW Battery Energy Storage (BES) System

D. Consultants and/or Sub-consultants

As a full-service engineering firm, Willdan possesses the professional expertise and staff capabilities and availability required to complete the City's Scope of Work. However, we bring extensive and long-term relationships with reputable professional DBE firms in Southern California to enable our clients to meet federal goals for their funded projects.

E. Work Approach

Management Approach

Multiple Task Order Project Management Approach Overview

Our approach to serving the City on this contract is based upon our 60-year history of serving public agencies. Willdan utilizes a management approach, whereby each assignment is undertaken by a project team. Each project is assigned to a senior member of our staff with the background, experience, and availability best suited for the assignment. Willdan has designated a team to provide on-call support services to the City for specific projects/task orders. The fundamental goal of Willdan's team is to provide the City with the highest level of support in completing the as-needed special tasks. This will require close personal coordination between Willdan and the City. To accomplish this, we will conduct interactive meetings with City staff

throughout the course of each assignment to ensure all issues are addressed. Our team has a broad variety of talent and experience in city engineering; development review; public works permitting and inspection; capital improvement project design, inspection, and contract administration; facility and infrastructure maintenance and repair; surveying; and soils investigation. Combined with our understanding of the desired services, Willdan can assist the City with successful completion of all engineering matters.

Willdan will commit the appropriate staff to ensure specific projects, as well as the overall contract, are successful. Our intended approach is to:

- Fully understand each project
- Review each project scope of work in detail with City staff
- Agree on course or extent of best-suited action
- Proceed with project accordingly

Having successfully completed many other assignments of this type for other agencies within the Los Angeles and Southern California regions, Willdan's proposed team understands City processes and possesses the technical and communication skills that are vital to ensuring each task receives the necessary attention, objectives are met, schedules are adhered to, and project tasks are within budget.

Keys to Success – Task Order Project Management

- Be proactive in informing City staff of project issues along with proposed resolutions
- Commit to project schedules
- Develop and maintain collaborative, trusting working relationships with City staff
- Be flexible on staffing and types of services provided to meet City's needs
- Be cost-effective
- Have continuous-improvement mentality
- Be responsive to needs of City and involved communities

Communication Approach

Willdan recognizes that effective, ongoing cooperative communication between all parties over the course of any assignment is essential to successful project completion. This communication starts with a project kick-off meeting where the objectives and expectations of the City for each task order/assignment are clearly articulated and understood by Willdan. In addition, agreed-upon methods and scheduling of formal reporting are established with identification of individuals to be involved in the project's decision-making process. This sets forth accountability and responsibility for informing and facilitating the project. As the project progresses, communication continues through regular correspondence, teleconference discussions, and meetings with City staff seeking direction on issues that may arise and keeping City staff apprised of the project. Clear and concise progress updates are provided. Emails and teleconferences are utilized whenever possible and appropriate to minimize City staff time spent in meetings.

Methodology

Willdan's methodology focuses heavily on client service and communications. As a firm with a strong public agency orientation, many of our client relationships are long-term and ones in which our staff develops intimate familiarity with the client's staff since we very often serve as an extension of public agency staff. As such, it is extremely important that our presence on each assignment is seamless. Willdan's staff assigned

as Project Manager, City Engineer, Land Surveyor, Traffic Engineer, Building Official, and other higher-level positions most often work independently of the other project team members, since they are generally working directly for and with public agency staff as a part of the agency's staff. In this instance, the project team's role is subservient to the primary assignment and only comes into play on a support basis or on a project-specific basis, such as for additional services for capital improvement project design, reviewing tract and parcel maps, and structural assessments.

Technical Approach

As previously stated, upon receipt of a project assignment or award, Tyrone will analyze the project and assign a Discipline Manager with the appropriate qualifications and experience to ensure tasks are completed in accordance with the City's goals and visions. Together, they will select qualified team members to provide technical support for the project. Tyrone will convey all-important matters to the assigned Discipline Manager and the selected project team as appropriate. The Discipline Manager will, then, take full responsibility for understanding the project requirements, detailing the project scope requirements, and estimating the fee to complete the project effectively and efficiently. The assigned Discipline Manager will maintain the team members assigned to the project from beginning to end. This means the same individuals responsible for design elements are the same individuals reviewing shop drawings, preparing as-built plans, or responding to questions during the bidding or construction process. This management approach has been proven on past projects to be effective in delivering projects on time, within budget and to the client's satisfaction.

The Six Key Components Approach

 Project Reporting and Meeting	Tyrone will develop reports to be delivered electronically to key City of Pico Rivera staff as requested using a standard memorandum format developed by our team and as approved by the City. Regular progress meetings will be conducted by Tyrone to acquire information, keep staff informed of key design decisions, and obtain staff concurrence on project issues as the City requests.
 Staffing and Resource Management Plan	Willdan is completely committed to providing the staffing and resources required to complete projects under this contract on schedule and with high quality. To ensure we meet this commitment, we prepare labor projections for all projects. Projections are made for each individual project and then aggregated by the technical director to produce division/office-wide labor needs and identify shortages or surpluses. Labor planning for this contract will be conducted on an individualized basis. Tyrone, together with each assigned Discipline Manager, will identify the staff required to complete each awarded project and calculate the hours. This data will be input into our project staffing needs plan on a weekly basis. If the City awards Willdan a significant amount of work, Willdan will hire additional personnel, if needed, to provide additional support, as necessary. For activities that do not require a specific person (i.e., draftsperson, technical aide, word processing, etc.), this estimate will be done on a position basis. Project staffing assignments will match the experience of personnel with the degree of project complexity. Because resources are often shared for any given project, our project managers are very involved in our staff workload projections.

Project Initiation	Our project approach includes our dedication to meet early with City of Pico Rivera staff to finalize the scope, schedule, and process, as discussed above. The assigned Discipline Manager – together with Tyrone – will hold a kick-off meeting with key City staff outlining the project schedule, specific needs, and project information as appropriate. The Discipline Manager will prepare the meeting agenda and notes and provide them to City staff in a timely manner. Once approved by the City, Willdan will await a notice to proceed from the City of Pico Rivera At this point, we will begin preliminary engineering and the project officially begins.
Project Objectives	The objectives of any project are essentially the objectives of the City of Pico Rivera. Prior to initiating Willdan's efforts, a thorough understanding of City concerns and objectives is essential to ensure project success. Willdan will work closely with City staff and other involved agencies to identify specific goals, objectives, and challenges. The initial project scope and needs assessment are vital since the City of Pico Rivera' and other involved agencies' goals could impact the schedule and overall cost.
Project Scoping	Once the Discipline Manager has identified the City of Pico Rivera's goals for a project, the Discipline Manager will work with Tyrone to develop a comprehensive scope that clearly identifies the various tasks and associated deliverables – a critical component to ensure an effective and attainable project schedule. Willdan will develop a detailed scope of work that adheres to the sequence of tasks necessary to provide for project planning and design. Development of a comprehensive scope of work will aid Tyrone in minimizing miscommunication among all project team members, including City of Pico Rivera staff and respective stakeholders.
Scheduling	Scheduling is a key component in any design process or project assignment. It enables the team to effectively deliver an on-time, within-budget project. It provides City staff and other reviewing agencies with the information they need to mobilize resources for timely reviews of project deliverables. The schedule allows the project team to mobilize appropriate staff in a timely manner to perform the tasks necessary for each deliverable. After task requirements are identified, the Discipline Manager will work closely with Tyrone to determine staff availability. Tasks will, then, be allocated to project team members, depending upon the workload and skill sets relative to the scope. Critical path methodology is used, and resource and cost loading are included when appropriate. Specific critical path items and key critical decisions that affect project progression are identified on a continuous basis.

Quality Assurance and Control

Quality assurance and control are critical to ensuring sound practices are applied and quality deliverables are produced. Vanessa Muñoz, PE, TE, will serve as the Quality Assurance Manager overseeing the quality assurance activities for services provided to the City. Vanessa is an accomplished manager who assists public agencies in serving their constituents with temporary as-needed staffing assistance or long-term assignments. He accomplishes this through his skilled insights into hiring and selecting staff with the right qualifications to create a seamless transition between Willdan and agency staff. Vanessa provides innovative solutions in engineering and construction management services for large-scale multi-discipline public works projects – working diligently to meet public agency budgets and schedules. His areas of expertise encompass capital improvement program (CIP) implementation, annual budget preparation, funding and grant

administration, stormwater/National Pollutant Discharge Elimination System (NPDES) guidelines, and Americans with Disabilities Act (ADA) compliance. Vanessa is also a proficient negotiator and collaborator with well-developed decision-making and organizational skills. Typical quality assurance activities entail ensuring the appropriate level of technical staff, monitoring the quality of assignment completion and turnaround times for reviews, providing expert guidance on challenging project components, and keeping open communication regarding contract performance with City personnel.

Keys to Success – Quality Assurance and Control

- ***Project Kick-Off Meetings*** – All project team members will meet to discuss and clarify the project scope, schedule, and other pertinent information related to the service or project. This meeting is conducted upon receipt of the notice to proceed and prior to any work being performed. This meeting can be an in-person meeting or conference call depending on the complexity of the assigned project.
- ***Continual Communication*** – The appropriate people from Willdan identified in the kick-off meeting are responsible for keeping the City up to date on project status and issues raised throughout the project. This is accomplished through regular meetings, written status reports, or other means of communication requested.
- ***Periodic Updates through Project Status Meetings*** – At the project kick-off meeting, the project team determines and selects meeting dates throughout the project to discuss coordination, issues, changes, and other information necessary to keep the project on track in terms of quality, schedule, and budget.
- ***Objective Review of Project by Peers*** – Prior to the submittal of a project to the City, appropriate staff members review the project to ensure all information is accurate. Willdan staff conducting these reviews are not directly involved with the project – enabling objectivity in the review. Depending upon the complexity of the project, the four levels of our quality assurance review for project deliverables may entail:
  - Level 1 – peer review only
  - Level 2 – peer review and editorial review (documents)
  - Level 3 – peer review, editorial review, and professional engineer review
  - Level 4 – all elements of Level 3 plus additional reviews by specific technical experts

Following our keys to success, Vanessa will assign senior staff members experienced in the required disciplines and not directly involved in the assignments to implement project-specific quality assurance activities. Each senior member of staff will report directly to Vanessa but work closely with Tyrone and his Task Managers to ensure project objectives are met at project completion. Random audits will be conducted to ensure proper quality assurance activities have been accomplished with necessary corrective actions taken. These audits involve verifying task completion, validating the quality review, confirming comments resolution, and verifying that agreed-upon changes are reflected in each affected document. Vanessa will regularly seek feedback on how Willdan's team is performing and how we can improve upon the level of service.

F. Client References

Willdan's most recent similar client references are provided on the following pages.

City of Pico Rivera

City of Paramount

Project Description

Willdan is providing civil engineering, traffic engineering, agency engineering, landscape design services, survey, contract administration, construction observation, utility coordination, federal labor compliance, pavement engineering, public works permits/inspection, development review, CIP design/inspection, CDBG administration, grant writing, and NPDES.

Reference Contact:

Adriana Figueroa
Public Works Director
16400 Colorado Avenue
Paramount, CA 90723
Phone: 562.220.2100
afigueroa@paramountcity.com

Highlights

- Alondra Boulevard/Passage Avenue Traffic Signal Warrant Study
- Somerset Boulevard/Orange Avenue Left-Turn Phasing Warrant Study
- Orange/Myrrh HAWK Signal Warrant Study
- 2023 Engineering and Traffic Survey- 39 segments
- Merkel Neighborhood Traffic Calming Study
- City of Paramount Local Road Safety Plan
- Traffic Signal Inventory
- Traffic Control Plans for Encroachment Permits
- Developer Improvement Plans
- Metro I-710 ICM Project
- RMC Proposition 68 Grant Program Application (awarded $2.55 million)
- Highway Safety Improvement Program Cycle 11 Applications (awarded $1.04 million)
- Highway Safety Improvement Program Cycle 10 Applications (awarded $582,000)
- Active Transportation Program Cycle 3 Grant Application (awarded $3.43 million)
- California Natural Resources Agency Urban Greening Program (awarded $2.93 million)
- Clean California Grant Application (award TBA)
- Alondra Boulevard Capacity Enhancement Traffic Impact Study
- Alta (World) Energy Paramount Traffic Impact Analysis Peer-Review
- Alondra Boulevard/Passage Avenue Traffic Signal Design
- Garfield Avenue/70th Street Traffic Signal Design
- Paramount Swap Meet Driveway Study

Contract Value

$775,000/yr

Successful Grants

$20,267,296

Years of Service

41

1983 to present

Staff Included

- Tyrone Peter – PM
- Jeff Lau – PM
- Adel Freij – Client Manager
- Joe Bellomo
- Christine Kudija
- Rafael Casillas – PM/City Engineer
- Ron Stein – PM
- John Hidalgo – PM
- Mike Bustos
- Jocelyn Limas
- Dr. Chien-Chang Chen

City of La Puente

Project Description

Willdan is providing as-needed city and traffic engineering services to the City of La Puente. In addition to providing extension of staff services, Willdan provides development reviews, engineering design, construction management, project management, development review, pavement engineering, funding administration, plan review, landscape architecture, surveying, and geotechnical engineering services throughout the city. These services encompass – but are not limited to – study and report research and preparation; plan, specification, and cost estimate preparation; funding application research, preparation, and submittal; citizens' request and complaint investigations/resolutions; development impact studies; City staff, commissions, and council meeting attendance and participation; and City department coordination to implement desired City improvements and updates.

Reference Contact:

John DiMario
Community Development Manager
15900 E. Main Street
La Puente, CA 91744
Phone: 626.855.1517
jdimario@lapuente.org

Contract Value

$1,700,000/yr

Successful Grants

$6,834,700

Years of Service

28

1996 to present

Highlights

- Valley Boulevard Retaining Wall Phases I, II, and III – design and construction management/inspection for a $3 million retaining wall spanning 3,000 feet in length and over 14 feet in height.
- Amar Road Traffic Signal Modifications – traffic engineering design, utility coordination, and contract and funding administration for the City's $1 million program for nine traffic signal modifications and ADA-compliant ramp improvements along the arterial roadway.
- Nelson Elementary, Del Valley Elementary, and Sierra Vista Middle Schools Safe Routes to School Improvements – design, project management, and grant administration services for the City's $665,000 program to repair and infill sidewalks, upgrade signing and striping, and install in-roadway flashing lights and high-visibility crosswalks.

Staff Included

- Tyrone Peter – PM
- Jeff Lau– PM
- Adel Freij – Client Manager
- Joe Bellomo
- Rafael Casillas – PM
- Ron Stein – PM
- John Hidalgo – PM
- Mike Bustos – PM
- Dave Knell
- Dr. Chien-Chang Chen
- Christine Kudija

City of Los Alamitos

Project Description

Willdan provides as needed city, civil and traffic engineering services to the City of Los Alamitos. Willdan also provides review services for redevelopment projects, , provides inspections and issues public works permits within the City for public works requirements and provides on-call landscape design. Willdan performs map checking and improvement plan reviews for private developments within the City. Willdan also provides design of Capital Improvement Projects for the City's CIP Program. Willdan's services also included conducting and presenting research, preparing plans, specifications, and cost estimates, researching and submitting funding applications, investigating and resolving citizens' requests and complaints, conducting development impact studies, attending and actively participating in City staff, commission, and council meetings, and coordinating with City departments to implement desired improvements and updates.

Reference Contact:

Ron Noda
Deputy City Manager and
Development Services Director
3191 Katella Avenue, Los
Alamitos, CA 90720
Phone: 562.431.3538,
ext. 500
rnoda@cityoflosalamitos.org

Contract Value

$900,000/yr

Grant Application

$5,000,000

Years of Service

24

2000 to present

Highlights

- On-Call Landscape Design Services
- On-Call City Enigneering Services
- Traffic Engineer & Traffic Engineering Services
- Old Towne West traffic calming project provides innovative striping solutions to encourage safer streets for pedestrians and drivers
- Worked with Orange County Sanitation District (OC San) on their current first-phase citywide sewer rehabilitation project. Willdan provides agency coordination, reviews, and inspections for this project. We have reviewed plans and specifications for the second phase of the OC San citywide sewer work which will begin construction in late 2023.
- Rossmoor Sewer District citywide sewer improvements.
- 605 Freeway Interchange at Katella Avenue street improvement project led by the Orange County Transit Authority (OCTA) and Caltrans
- Provide grant support services to the City of Los Alamitos, including CDBG. Willdan understands the request are for support of preparing grant applications and related services including grant reporting.
- Measure "Y" Funded repavement/street improvements on nineteen (19) residential streets.

Staff Included

- Tyrone Peter – PM
- Jeff Lau – PM
- Adel Freij – Client Manager
- Joe Bellomo
- Rafael Casillas – PM
- Ron Stein – PM
- John Hidalgo – PM
- Mike Bustos– PM
- Dave Knell
- Dr. Chien-Chang Chen
- Christine Kudija

City of Inglewood

Project Description

Willdan provides on-call engineering and traffic engineering services through our staff augmentation and City Traffic Engineer contract. As City Traffic Engineer, Willdan reviews and make recommendations on residents' requests for stop signs, crosswalks, permit parking, and speed humps; reviews plans, specifications, and estimates for various projects; prepares staff reports and attends Parking and Traffic Commission meetings; prepares traffic signal and signing and striping plans, specifications, and estimates; prepares timing charts for citywide signal coordination timing and individual traffic signals; prepares studies for CMP, warrant analyses, traffic-calming measures, and other areas of concern. Willdan's traffic engineering staff members work directly with the City's Planning Department to review TIAs, develop MOUs, and review upcoming development plans. Services include preparing grants for Los Angeles County Metropolitan Transportation Authority's Call-for-Projects and the Highway Safety Improvement Program.

Reference Contact:

Peter Puglese
City Traffic Engineer
1 W. Manchester Boulevard,
Inglewood, CA 90301
Phone: 310.412.5333
ppuglese@cityofinglewood.org

Contract Value

$1,400,000/yr

Successful Grants

$13,045,525

Years of Service

18

2006 to present

Highlights

- Willdan is providing professional engineering design services for First/Last Mile Improvement Project - Phase 1.
- Provide professional engineering design services for the preparation of PS&E on N Oak Street from Pine Street to the easterly boundary line of Rogers Park. The design is to provide 30-degree on street parking along the north side of N Oak Street.
- Preparation of drawings and specifications for the re-piping of the storm water drain lines throughout City Hall Task order 22-023-043. The work includes re-piping a variety of piping, new T-bar ceiling, drywall, new lighting systems and relining of pipe.
- Willdan Engineering will serve as project manager and compile and assemble bid document package.
- Willdan provides professional design services for Aviation Boulevard. The design includes roadway resurfacing, new curb and gutter, sidewalks, ADA curb ramps, driveways, traffic signal upgrades, streetlighting upgrades, landscaping and Intelligent Transportation Systems (ITS) upgrades on Aviation Boulevard from Arbor Vitae to Manchester Boulevard.
- Provide grant support services to the City of Inglewood. Willdan understands the request are for support of preparing grant applications and related services including grant reporting.
- Building Plan Review for Public Works Projects
- Part-Time (As-Needed) Code Enforcement Staffing

Staff Included

- Tyrone Peter – PM
- Jeff Lau – PM
- Adel Freij – PM
- Joe Bellomo
- Rafael Casillas – PM
- Ron Stein – PM
- John Hidalgo – PM
- Mike Bustos – PM
- David Knell

Project Description

Willdan has provided the City with on-call planning, on-call city engineering, construction management and inspection, geotechnical engineering and materials testing, traffic and transportation engineering, drainage and flood engineering, water and wastewater engineering, grant application assistance, utility coordination, assessment district administration, user fee services, and overall project management and contract administration.

Reference Contact:

Javier Ochiqui
Contract & Facilities Manager
6330 Pine Avenue
Bell, CA 90201
Phone: 323.588.6211
jochiqui@cityofbell.org

Highlights

- Willdan is providing professional traffic engineering design services for HSIP Cycle 11 Design and prepared the grant application for it.
- Stop Warrant Studies
- Water Quality Services for FY 2023 and 2024 and MS4 Permit Compliance
- Eastern Avenue Street Improvement Projects
- Citywide Battery Backup System Deisgn
- Gage Avenue Bus Shelter Improvement Project, including PS&E, Project Management, Contract Administration, Construction Observation, Engineering Support, & Labor Compliance Services
- Citywide LED Street Name Sign Project
- EV Charging Infrastracture Feasibility Study

Contract Value

$1,200,000/yr

Successful Grants

$833,400

Years of Service

7

2017 to present

Staff Included

- Tyrone Peter – PM
- Jeff Lau – PM
- Adel Freij – Contract Manager
- Joe Bellomo
- Rafael Casillas – PM
- Ron Stein – PM
- John Hidalgo – PM
- Mike Bustos – PM
- David Knell
- Dr. Chien-Chang Chen
- Christine Kudija

G. Rights to Materials

Willdan understands that all responses, inquiries, and correspondence relating to this RFP and all reports, charts, displays, schedules, exhibits, and other documentation produced by Willdan that are submitted as part of the Proposal and not withdrawn shall, upon receipt by City, become property of the City.

H. Schedule of Hourly Rates

WILLDAN

WILLDAN ENGINEERING

Schedule of Hourly Rates

Effective March 2024

DESIGN ENGINEERING	
Technical Aide I	$77
Technical Aide II	$100
Technical Aide III	$120
CAD Operator I	$126
CAD Operator II	$146
CAD Operator III	$162
GIS Analyst I	$164
GIS Analyst II	$180
GIS Analyst III	$191
Environmental Analyst I	$140
Environmental Analyst II	$157
Environmental Analyst III	$166
Environmental Specialist	$180
Designer I	$168
Designer II	$174
Senior Designer I	$184
Senior Designer II	$193
Design Manager	$191
Senior Design Manager	$198
Project Manager I	$177
Project Manager II	$197
Project Manager III	$207
Project Manager IV	$223
Principal Project Manager	$227
Program Manager I	$197
Program Manager II	$209
Program Manager III	$228
Assistant Engineer I	$145
Assistant Engineer II	$162
Assistant Engineer III	$170
Assistant Engineer IV	$180
Associate Engineer I	$189
Associate Engineer II	$194
Associate Engineer III	$196
Senior Engineer I	$194
Senior Engineer II	$198
Senior Engineer III	$201
Senior Engineer IV	$204
Supervising Engineer	$209
Traffic Engineer I	$209
Traffic Engineer II	$223
City Engineer I	$223
City Engineer II	$227
Deputy Director	$231
Director	$237
Principal Engineer	$257

BUILDING AND SAFETY	
Assistant Code Enforcement Officer	$103
Code Enforcement Officer	$118
Senior Code Enforcement Officer	$139
Supervisor Code Enforcement	$168
Plans Examiner Aide	$110
Plans Examiner	$168
Senior Plans Examiner	$184
Assistant Construction Permit Specialist	$118
Construction Permit Specialist	$124
Senior Construction Permit Specialist	$146
Supervising Construction Permit Specialist	$154
Assistant Building Inspector	$139
Building Inspector	$154
Senior Building Inspector	$168
Supervising Building Inspector	$184
Inspector of Record	$196
Deputy Building Official	$196
Building Official	$198
Plan Check Engineer	$192
Supervising Plan Check Engineer	$194
Principal Project Manager	$227
Deputy Director	$231
Director	$237

PLANNING	
CDBG Technician	$82
CDBG Specialists	$98
CDBG Analyst	$116
CDBG Coordinator	$144
CDBG Manager	$174
Housing Programs Coordinator	$144
Planning Technician	$123
Assistant Planner	$154
Associate Planner	$168
Senior Planner	$191
Principal Planner	$198
Planning Manager	$211
Deputy Director	$231
Director	$237

ADMINISTRATIVE	
Administrative Assistant I	$95
Administrative Assistant II	$114
Administrative Assistant III	$133
Project Accountant I	$107
Project Accountant II	$125
Project Controller I	$133
Project Controller II	$150

CONSTRUCTION MANAGEMENT	
Labor Compliance Specialist	$139
Labor Compliance Manager	$174
Utility Coordinator	$167
Office Engineer I	$140
Office Engineer II	$159
Assistant Construction Manager	$152
Construction Manager	$176
Senior Construction Manager	$191
Resident Engineer I	$198
Resident Engineer II	$206
Project Manager IV	$223
Deputy Director	$231
Director	$237

INSPECTION SERVICES	
Public Works Observer **	$125
Public Works Observer ***	$151
Senior Public Works Observer**	$136
Senior Public Works Observer ***	$151

MAPPING AND EXPERT SERVICES	
Survey Analyst I	$143
Survey Analyst II	$164
Senior Survey Analyst	$187
Supervisor - Survey & Mapping	$197
Principal Project Manager	$227

LANDSCAPE ARCHITECTURE	
Assistant Landscape Architect	$146
Associate Landscape Architect	$168
Senior Landscape Architect	$184
Principal Landscape Architect	$195
Principal Project Manager	$227

** For Non-Prevailing Wage Project *** For Prevailing Wage Project

Mileage/Field Vehicle usage will be charged at the rate in accordance with the current FTR mileage reimbursement rate, subject to negotiation.

Additional billing classifications may be added to the above listing during the year as new positions are created. Consultation in connection with litigation and court appearances will be quoted separately. The above schedule is for straight time. Overtime will be charged at 1.5 times, and Sundays and holidays, 2.0 times the standard rates. Blueprinting, reproduction, messenger services, and printing will be invoiced at cost plus fifteen percent (15%). A sub consultant management fee of fifteen percent (15%) will be added to the direct cost of all sub consultant services to provide for the cost of administration, consultation, and coordination. Valid March 2024 – March 2029, rates to be negotiated with City at three years. Thereafter, the rates may be raised once per year to the value between the 12-month % change of the Consumer Price Index for the Los Angeles/Orange County/Sacramento/San Francisco/San Jose area and five percent. For prevailing wage classifications, the increase will be per the prevailing wage increase set by the California Department of Industrial Relations. Rev V02 05.12.2023

APPPENDIX

Resumes

Tyrone Peter, PE

Director of Engineering

Tyrone Peter is an accomplished civil engineer for multi-discipline and multi-agency infrastructure projects. He is known for providing innovative, quality engineering services to ensure project delivery within budget and schedule. **Tyrone has served as Project Manager or Civil Design Task Lead on 17 contracts for the City of Pico Rivera including the On-Call Traffic Engineering Services contract.** Tyrone's years of experience managing and designing all types of public works projects provide him with a solid foundation to determine what is needed to deliver a successful project –making him the perfect fit to oversee an entire project, as well as perform specific civil engineering tasks. Tyrone's comprehensive experience includes design of state highway, new street, street widening, street realignment, pavement rehabilitation, light rail and railroad, grade separation, flood control facility, water, and sewer projects. He has supervised feasibility studies, project study reports, project reports, construction document preparation as well as grade certification issuance, construction administration, and construction inspections. He is proficient at managing large project teams with subconsultants and multiple technical disciplines.

EDUCATION

BS, Engineering and Civil Engineering, Tamil Nadu College of Engineering

Civil Engineering, Murugappa Polytechnic

REGISTRATIONS / CERTIFICATIONS

Civil Engineer, California No. 81888

18 YEARS OF EXPERIENCE

Relevant Project Experience

On-Call Engineering Services, City of Pico Rivera, CA. Project Manager. Willdan has provided general engineering services to the City of Pico Rivera for over 32 years. These services encompass CIP design and construction management and inspection, traffic engineering, public works permitting and inspection, development review, CDBG administration, grant writing, geotechnical engineering and materials testing, right-of-way engineering, drainage engineering; bridge and slope repair, environmental compliance and planning, energy auditing, and NPDES services to name a few. Under these discipline services, Willdan performs study and report research and preparation; plan, specification, and cost estimate preparation; funding source and availability consultation; development impact study research; plan checking; and City department coordination to implement desired City improvements and updates. Tyrone's projects include:

- HSIP 7 TS Project
- Rosemead Blvd & Whittier
- Rosemead & Washington
- Rosemead Blvd & Slauson
- Survey Manzanar Between Telegraph Rd. & Flossnoor Rd.
- Pico Rivera Parking Lot
- Pico Rivera ADA & SW
- Water Well #3 Plan Review
- Senior Cnt Bathroom ADA
- Pico Rivera On-Call Contract
- Citywide Pavement Rehab
- Pico Rivera - CHSRA Plan
- Maintenance Yard General
- FY22-Citywide Street Rehabilitation
- Whittier Underpass Repair
- TRH Bridge Repair
- Pressure Relief Valve

On-Call Engineering Services, City of El Monte, CA. Project Manager. Willdan provides on-call engineering services to the City of El Monte for projects such as commercial, industrial, residential and public works improvements. Plan documents are reviewed to ensure that the proposed developments and the associated improvements are designed in accordance with City-accepted standards, Los Angeles County Hydrology Manual, Los Angeles County Low Impact Development Manual, as well as other applicable design standards adopted by the City Council. The CA Construction General Permit is used for SWPPP reviews in conjunction to water quality compliance for construction sites. Plans are also reviewed for grading, drainage and accessibility requirements.

On-Call City Engineering Services, City of Ridgecrest, CA. Project Manager/Civil Task Manager. Willdan has been providing the City of Ridgecrest with as-needed multi-disciplinary engineering services since 2010 and presently provides engineering services for various public works projects. Under our on-call contract, Willdan provides design engineering, environmental compliance, bidding assistance, construction management and inspection, material testing, surveying, special funding administration, labor compliance, pavement management, land development plan check, right-of-way acquisition with legal descriptions, and assessment district engineering for improvements throughout the City of Ridgecrest.

Orange Line Extension, Brutoco Engineering & Construction, Inc.; Los Angeles County Metropolitan Transportation Authority, Los Angeles, CA. Civil Design Task Manager. Willdan provided engineering design services for the design build team led by Brutoco Engineering. The design build project extended from Chatsworth Station to the Canoga Station in the San Fernando Valley along Canoga Avenue. The dedicated roadway was 28 feet wide in most locations consisting of two 14-foot travel lanes. At stations the busway lane was widened to provide passing lanes for buses. The 28-foot-wide roadway was located within Metro's right-of-way which was 100 feet wide in most locations. This provided adequate room within the right-of-way for landscaping as well as space for fences, privacy walls, drainage facilities, and a bikeway/pedestrian path. The busway was designed for potential future conversion to light rail transit service. A Class I bikeway which included a pedestrian path was designed and constructed within Metro's right-of-way from the terminus of the existing MOL bikeway/pedestrian path at Canoga Avenue north to Lassen Street and along Lassen Street to connect within the existing bike path on the east side of the existing Browns Creek drainage channel.

Firestone Boulevard Regional Corridor Capacity Enhancement, City of South Gate, CA. Project Manager. Willdan is providing engineering services for improvements between Alameda Street and Hunt Avenue. The $15.4 million design and construction project increase street capacity to six lanes; rehabilitates street pavement sections, including localized failed-roadway removal and replacement; installs landscaped and hardscaped medians utilizing drought-resistant plants and irrigation and lighting systems; reconstructs deficient sidewalk, curb, gutter, driveway approaches, and ADA noncompliant curb ramps; and plants parkway trees with no irrigation.

Jeffrey Lau, PE, TE, ENV SP

Deputy Director

Jeffrey Lau is an accomplished engineer for multi-discipline and multi-agency traffic and transportation projects such as traffic signals, signing and striping, street lighting, and construction traffic control. **Jeff has served as Traffic Task Lead on 24 contracts for the City of Pico Rivera including the On-Call Traffic Engineering Services contract.** He oversees transportation design for Willdan's traffic engineering group and manages a variety of large- to small-scale projects. His responsibilities include the coordination, analysis, and design of various transportation projects such as the preparation of plans, specifications and estimates (PS&E); field investigations; and traffic data collection. He has also assisted with traffic impact studies and analyses, plan reviews, and engineering and traffic survey updates. Jeffrey's extensive hands-on traffic engineering background encompasses designs for 400+ new and modified traffic signal installations, street lighting inventories for master plans, lighting design plans, street lighting conversions, and street lighting LED upgrades.

Jeffrey understands the importance of meeting schedules and developing the most cost-efficient projects to meet budgetary constraints. He has assisted clients with developing grant funding applications for various local, state, and federal grant programs – successfully securing funding through the Active Transportation Program (ATP) and the Highway Safety Improvement Program (HSIP).

EDUCATION

BS, Civil Engineering, California State Polytechnic University, Pomona, CA

REGISTRATIONS / CERTIFICATIONS

Traffic Engineer, California No. 2835

Civil Engineer, California No. 83887

Civil Engineer, Colorado No. 56366

Civil Engineer, Washington No. 58065

Civil Engineer, Arizona No. 70072

Civil Engineer, Texas No. 140012

Civil Engineer, Nevada No. 28303

Civil Engineer, Minnesota No. 59453

Civil Engineer, Florida No. 91068

Envision Sustainability Professional, Institute for Sustainable Infrastructure No. 45376

AFFILIATIONS

American Public Works Association

20 YEARS OF EXPERIENCE

Relevant Project Experience

On-Call Traffic Engineering Services, City of Paramount, California. Project Manager. Responsible for providing professional traffic engineering services to the City of Paramount on a routine basis. Duties included field reconnaissance and data collection; resident request investigations and work order preparation; traffic signal, signal interconnect, signing and striping, and traffic control plan reviews; funding documents preparation to request reimbursement of federally funded projects; and traffic and civil improvement conceptual design plans and council exhibit preparation.

On-Call Traffic Engineering Services, City of Pico Rivera, CA. Project Manager. Willdan is serving as City Traffic Engineer and provides on-call traffic engineering services. Typical duties include design oversight, response to residents' and businesses' requests, review of traffic and parking impact studies, review of development projects, development of "conditions of approval", review of traffic signal and traffic control plans, preparation of work orders, operational analysis, development of City's Neighborhood Traffic Calming program, attendance at City Council and Planning Commission meetings as requested.

City Traffic Engineer/On-Call Traffic Engineering, City of Inglewood, California. Task Manager/Project Traffic Engineer responsible for traffic studies and design services through our staff augmentation City Traffic Engineer contract. Willdan staff review and make recommendations on residents' requests for stop signs, crosswalks, permit parking, and speed humps; review plans, specifications, and

estimates for various projects; prepare staff reports; attend Parking and Traffic Commission meetings; prepare traffic signal and signing and striping plans, specifications, and estimates; prepare timing charts for citywide signal coordination timing and individual traffic signals; prepare studies for CMP, warrant analyses, traffic-calming measures, and other areas of concern.

On-Call Traffic Engineering Services FY 2016-2017, City of Rancho Palos Verdes, CA. Plan Check Engineer. Willdan provides city traffic engineering services to the City of Rancho Palos Verdes. Duties include preparing traffic studies and reports, investigating citizens' requests, reviewing traffic impacts of developments, plan check traffic control for permit process, preparing staff reports and attending Traffic Commission meetings and working with Public Works staff in implementing traffic-related projects. Willdan prepared a variety of traffic studies for the City, such as stop signs, traffic signals, school circulation, school pedestrian safety, crosswalks/enhanced crosswalks, Engineering & Traffic Surveys to set speed limits, permit parking, sight distance, and safety improvements at intersections and on roadway segments.

Malvern Street Rehabilitation, City of Buena Park, CA. Designer/Traffic Task Manager. Willdan provided engineering design services for the preparation of plans, specifications, and cost estimates (PS&E), traffic control plans, pavement engineering, and utility coordination for the pavement rehabilitation of Malvern Avenue from West City Limits to East City Limits, approximately 1.75 miles. The project improvements included pavement rehabilitation, curb and gutter replacements, sidewalk repair, upgrade of curb ramps to be ADA-compliant, driveway repairs, replacement of slotted cross gutter and spandrels, thermoplastic striping, and signage. Willdan evaluated bicycle facilities and installed Class II bike lanes while maintaining on-street parking and roadway capacity. The objectives of the project were to enhance pavement conditions, improve existing drainage issues, address accessibility definitions, and improve safety for all roadway users.

Piuma Road Signing and Striping, County of Los Angeles, CA. Senior Engineer. Willdan provided professional engineering design services for the Piuma Road - Malibu Canyon Road to Rambla Pacifico Street Project. The project involved analyzing the existing signing and striping and providing recommendations for the curve warning signs based on the 2012 California Manual on Uniform Traffic Control Devices (CA MUTCD) and preparation of the signing and striping plans for their implementation. Willdan conducted field work to obtain all existing signs, striping, marking, object markers, delineators, and guardrails along the route. Global Positioning System * GPS) coordinates were provided for all existing signs, object markers, delineators, and guardrail locations. Centerline radii were provided for all curves along the project limits. We utilized the Trimble Juno GPS handheld to identify the location of the existing signs, with an electronic ball bank indicator, a GPS receiver and a tablet PC running the TxDOT TRAMS software. Willdan provided signing and striping plans and provided the proposed location of the advisory speed signs for all curves utilizing the traditional ball-bank indicator method as described in the CAMUTCD.

Vanessa Muñoz, PE, TE

President/CEO

Vanessa Muñoz is an accomplished engineer for multi-discipline and multi-agency traffic and transportation projects. Vanessa oversees 500 team members and 200+ active on-call agreements. She has designed 1,000+ signalized intersections and supervised completion of 2,000+ projects for a variety of large- to small-scale projects. **Vanessa has served as Project Manager or Traffic Engineer on 29 contracts for the City of Pico Rivera including the On-Call Traffic Engineering Services contract.** Her traffic engineering and transportation planning expertise includes traffic impact studies, engineering and traffic surveys, design and operations, municipal engineering, and operational analyses. Vanessa is highly skilled in analysis, coordination, and preparation of plans, specifications, and estimates for traffic signals, signing, striping, traffic control, flashing beacons, street lighting, interconnect, parking lots, street widening, and resurfacing projects. She has performed street lighting inventories for master plans, developed design plans, and performed energy audits for street lighting conversions and street lighting upgrades. She serves on an on-call basis as the City Traffic Engineer for the Cities of Rolling Hills and Inglewood and has served in a traffic engineer capacity or as City Traffic Engineer for the Cities of Arcadia, Camarillo, Fontana, and Rialto.

EDUCATION

BS, Civil Engineering, California State Polytechnic University, Pomona, CA

REGISTRATIONS / CERTIFICATIONS

Traffic Engineer, California No. 2341

Civil Engineer, California No. 67583

Civil Engineer, Arizona No. 68013

Civil Engineer, New York No. 100969

Civil Engineer, Colorado No. 56033

AFFILIATIONS

City Traffic Engineers

American Public Works Association

Institute of Transportation Engineers

26 YEARS OF EXPERIENCE

Relevant Project Experience

On-Call Traffic Engineering Services, City of Paramount, California. Project Manager. Responsible for providing professional traffic engineering services to the City of Paramount on a routine basis. Duties included field reconnaissance and data collection; resident request investigations and work order preparation; traffic signal, signal interconnect, signing and striping, and traffic control plan reviews; funding documents preparation to request reimbursement of federally funded projects; and traffic and civil improvement conceptual design plans and council exhibit preparation.

On-Call Traffic Engineering Services, City of Pico Rivera, CA. Project Manager. Willdan is serving as City Traffic Engineer and provides on-call traffic engineering services. Typical duties include design oversight, response to residents' and businesses' requests, re view of traffic and parking impact studies, review of development projects, development of "conditions of approval", review of traffic signal and traffic control plans, preparation of work orders, operational analysis, development of City's Neighborhood Traffic Calming program, attendance at City Council and Planning Commission meetings as requested.

City Traffic Engineer/On-Call Traffic Engineering, City of Inglewood, California. Task Manager/Project Traffic Engineer responsible for traffic studies and design services through our staff augmentation City Traffic Engineer contract. Willdan staff review and make recommendations on residents' requests for stop signs, crosswalks, permit parking, and speed humps; review plans, specifications, and estimates for various projects; prepare staff reports; attend Parking and Traffic Commission meetings; prepare traffic signal and signing and striping plans,

specifications, and estimates; prepare timing charts for citywide signal coordination timing and individual traffic signals; prepare studies for CMP, warrant analyses, traffic-calming measures, and other areas of concern.

Peck Road Traffic Signal Synchronization, County of Los Angeles, CA. Project Manager. Willdan provided professional traffic engineering services for the Peck Traffic Signal Synchronization Project. The services include meetings and project coordination with LACO and the various municipalities involved (El Monte, South El Monte, Industry and Caltrans) as well as field review, equipment inventory, Report for recommended improvements, traffic signal base plans, traffic signal improvements plans and traffic signal utility plans for 26 signalized intersections along Peck Road corridor.

Paramount Boulevard Traffic Signal Upgrades & Safety Enhancements, City of Downey, CA. Principal-in-Charge/Quality Assurance Manager. Willdan prepared plans, specifications, and cost estimates; conducted an environmental analysis; and performed a traffic safety assessment for 13 traffic signal upgrades and safety enhancement improvements between Gardendale Street and Telegraph Road. The project's goal was to improve traffic safety along Paramount Boulevard by upgrading the traffic signal and installing new controllers, controller cabinets, battery back-up systems, signal hardware equipment, LED safety lighting, and inter-section pedestrian countdown signal heads. Other safety enhancements encompassed installing ADA-compliant curb ramps to improve pedestrian and cyclist safety. All improvements have increased traffic signal visibility, facilitated safer turning movements, and reduced pedestrian- and cyclist-involved vehicle collisions. Willdan prepared both NEPA and CEQA documentation for the environmental approval and processed grant funding documentation for preliminary engineering, right-of-way certification, and request for construction authorization.

Amar Road Corridor Traffic Signal Modifications/Safety Improvements, City of La Puente, CA. Principal-in-Charge/Quality Assurance Manager. The City was awarded $1 million of HSIP Cycle 6 funding to modify traffic signals along the Amar Road corridor at nine intersections. The improvements encompassed upgrading traffic signal poles, controller cabinets, vehicle and pedestrian signal heads, and pedestrian push buttons; implementing protected left-turn phasing; and installing ADA-compliant access ramps to improve safety and comply with current ADA standards. NEPA and CEQA documentation was prepared and processed to obtain necessary environmental approvals. Willdan utilized the documentation as part of the HSIP grant application process for preliminary engineering, right-of-way certification, and request for construction authorization.

La Brea HSIP Improvements & Prairie HSIP Improvements, City of Inglewood, CA. Principal-in-Charge/Quality Assurance Manager. Willdan is providing engineering design services for the Highway Safety Improvement Project (HSIP) – Cycle 8. The City received two grants for the Highway Safety Improvements the La Brea HSIP Grant (H8 07 012 City Project No P621) is for 193800 and the Prairie Ave HSIP Grant (H8 07 013 city Project No P652) is for 875400.

Ron Stein, PE, ENV SP

Preliminary Engineering and Planning Studies | Design | Bid Support Services | Construction Support Services

EDUCATION

BS, Civil Engineering, Florida State University Tallahassee

REGISTRATIONS / CERTIFICATIONS

Civil Engineer, California No. 86877

ENV SP, Institute for Sustainable Infrastructure No. 56028

12 YEARS OF EXPERIENCE

Mr. Ronald Stein has 12 years of experience as a project manager, civil engineer, and QA/QC plan reviewer for various municipalities, including 3 years of public works experience with the Florida Department of Transportation (FDOT). **Ron has served as Project Manager or Civil Design Lead on 7 contracts for the City of Pico Rivera including the On-Call Traffic Engineering Services contract.** He has led land development engineering teams engaged in the design of projects encompassing grading, erosion control, street improvements, striping, traffic control, storm drains, and utilities. Throughout all stages of design, he has conducted meticulous QA/QC plan reviews to ensure every submittal was a quality product that adhered to all local agency standards. He is also skilled in the development and review of hydrology/hydraulic calculations and reports, cost estimates, stormwater pollution and prevention plans (SWPPPs), water quality management plans and erosion and sediment control plans.

During his time in land development, Ron has worked on a wide array of projects including residential developments, commercial developments, healthcare facilities, universities, stadiums, solar farms, warehouses, and naval facilities. He also brings valuable public works experience from FDOT, where he rotated through every office of the department to create a strong technical foundation from all perspectives throughout the full project lifecycle. Throughout this time, his focus was in construction, where he conducted multiple constructability plan reviews on projects before they went to bid. Ron's experience in the design and construction of private and public works projects will add value to the City's plan review process from the perspective of constructability and value engineering.

Relevant Project Experience

Roadside Drive Bridge Widening, City of Agoura Hills, CA. Civil Project Engineer responsible for oversight of production of all final plans, specifications, and estimates for the federally funded widening improvements. The four-span reinforced-concrete slab bridge – constructed in 1964 – is located approximately 0.3 miles east of Kanan Road and crosses Medea Creek. Two east/west traffic lanes provide a travel width of 24 feet. Narrow approaches create traffic bottlenecks in both directions. The bridge has 2-foot-wide sidewalks on the north and south sides with no pedestrian walkway at the west approach. Based upon a Caltrans inspection report, the bridge has a sufficiency rating of 78.6 and is classified as functionally obsolete due to poor deck geometry and the narrow travelways.

Lakewood Boulevard Regional Corridor Capacity Enhancement, City of Lakewood, CA. Project Manager responsible for overall project management and oversight of final engineering design services required for 1½-mile complete street/green street improvements between the north City limit and Del Amo

Boulevard to provide for a regional bicycle path in compliance with the Gateway Council of Governments Active Transportation Plan and improve pedestrian access to retail/commercial establishments. The design entailed coordination of pedestrian and bicycle movements into the current County Traffic Signal Synchronization Program, undergrounding utility distribution and transmission, Green Streets storm water quality treatment, and drought-tolerant landscaping. Other improvements involved upgraded traffic signal equipment to improve safety, bicycle parking and lockers, improved transit stops, sidewalk additions within the corridor to meet ADA requirements, street resurfacing, and irrigation. Willdan provided preliminary and final design, NEPA/CEQA documentation and permitting, transit partnering outreach, Corridor Committee meeting participation, and construction funding application preparation.

Urban Green Bicycle Trail, City of Lynwood, California. Project Drainage Engineer responsible for design of all drainage and water quality improvements required for the 1.2-mile-long project. Willdan is designing a sustainable, integrated, and efficient bicycle trail on undeveloped Caltrans excess land adjacent to Interstate 105 between Atlantic Avenue and Birch Street. Amenities for the project encompass a bio-swale to reduce storm water runoff, drought-tolerant plants, safety and visibility lighting, and permeable pavers.

Via Vaquero Road Storm Drain Repairs, De Luz Community Services District, Murrieta, CA. Project Manager responsible for overall project management and oversight of services required for the storm drain repairs. The District required the repairs due to a washout of two separate culverts and roadway segments on Via Vaquero Road just south of Sandia Creek Drive. Final design plans, specifications, and estimates will be developed, designed, and produced into a construction document packet for bidding. A geotechnical investigation will be performed to ensure proper backfill requirements and adequate pavement sections are incorporated into the design. A drainage investigation will be conducted on culverts to ensure they are adequately sized and existing drainage patterns will not be disrupted. These repairs will include grading and other control measures to mitigate potential erosion.

District-Wide Storm Drain Repairs, De Luz Community Service District, Murrieta, CA. Project Manager responsible for project management and oversight of all services required for FEMA-funded storm drain improvements at 57 locations identified by the District's maintenance team. Final design plans, specifications, and estimates were developed for each location to provide proper drainage for those areas. The work involved paving, curb and gutter, drain basins, CIPP lining, storm drain improvements, head walls, and grading to ensure proper conveyance of runoff to existing drainage facilities. Hydrologic analyses were required for each site to maintain and improve the existing drainage course. Coordination with FEMA was performed to ensure compliance with funding requirements.

Highway Safety Improvement Cycle 8 Design, City of La Puente, CA. Civil Engineering Task Manager responsible for management of preliminary engineering design, utility coordination, contract administration, and funding administration improvements at eight crosswalk locations throughout the city.

Jocelyn Limas, PLS

Surveys, Mapping and Field Reviews | Right of Way Phase & Determination

Ms. Jocelyn Limas has 20 years of experience providing design support to a variety of projects at different levels. Her professional background includes drafting and design of residential and commercial land development projects, survey-related drafting, project management experience, supervisor-level survey experience with heavy emphasis on title research, legal descriptions, boundary determinations, and compliance with both State and local ordinances.

EDUCATION

AS, Sociology, College of the Sequoias, Visalia

Continuing Education - Subdivision Map Act Class

REGISTRATIONS / CERTIFICATIONS

California Professional Land Surveyor, No. 9596

FAA Remote Pilot License, Certification No. 4080288

20 YEARS OF EXPERIENCE

Relevant Project Experience

On Call Professional Land Surveying Services for Public Works, City of Fresno, CA. Contract Land Surveyor. Land title research, boundary rectification, subdivision mapping review, records of surveys, corner records, monument placement, deed preparation, legal description preparation and review.

Paramount Engineering Services FY 2024, City of Paramount, CA. Contract Surveyor. Provide general engineering services to the City of Paramount.

County of Madera Acting County Surveyor, CA. Contract County Surveyor Willdan performed all duties of the County Surveyor for the County of Madera. Duties included the review and analysis of the operations of the County Surveyor function review of maps and legal descriptions and related duties.

La Habra Bishop Sanitation District, CA. Contract Surveyor. Willdan is providing the necessary professional engineering services to realign the proposed storm drain system within the exiting channel alignment. Willdan is preparing a bid document with alternatives to lower the cost of the E. Bishop Storm Drain project and decrease the potential long lead time for the materials (elliptical pipe).

City of Ione On-Call Services, City of Ione, CA. Contract City Surveyor. City Engineering services for the City of Ione. Services may include design and construction management.

Building & Safety Services, City of Rancho Cordova, CA. Contract Surveyor. Provide building and safety services to include Building Official Services, Plan Review Services, Inspection Services, and Permit Technician Services.

Plan Checking, City of Lake Elsinore, CA. Contract Surveyor. Willdan is providing on-call plan checking services and assisting in streamlining the review process for the City of Lake Elsinore. Willdan is reviewing grading plans, erosion and sediment control, soils reports, street improvement plans,* water plans, landscape plans, hydrology reports, street improvement plans, traffic plans and studies, survey documents, WQMP's, SWPPP's, and structural plans. Willdan will review plans to ensure everything is up to code and fits in with the City's master plan. Willdan will assist the City in upgrading to electronic plan review.

Plan Checking and Development Services, City of Elk Grove, California. Contract City Surveyor and Survey/Mapping Reviewer responsible for performing

reviews for improvements throughout the city. Provided surveying and map-checking services in support of the city processing applications for multiple residential and commercial developments.

County of San Bernardino Map Checking Services, San Bernardino, CA. Contract Surveyor. Willdan provided map checking services to the County of San Bernardino.

Development Services FY15-16, City of Cerritos, CA. Willdan provided professional engineering plan check services for civil related disciplines for the City of Cerritos. We performed complete plan check services to ensure that the proposed developments and the associated improvements are designed in accordance with City accepted standards including the Los Angeles County Hydrology Manual, Los Angeles County Low Impact Development Manual, as well as other applicable design standards and the Conditions of Development approved by the City Council and Planning Commission for each development.

On Call Engineering Services, City of Napa, CA. Willdan is providing engineering and surveying plan checking services for a variety of development project submitted to the City of Napa. Projects have included residential commercial and industrial projects of a variety of sizes. Recent projects have included review of site development and public infrastructure for a new Ritz Carlton hotel a new 37 lot subdivision with hillside development and a new commercial development for two chain restaurants and a low income housing project. Most notably, Willdan has provided engineering plan review services on the Napa Pipe Redevelopment Project. Willdan has provided plan review for the following development projects: Anderson Ranch, Soscol Corner, Napa Courtyards, Redwood Grove, Redwood Duets Subdivision, Manzanita Family Apartments, Keller Apartments, Bridgeview Apartments, Caritas Apartments, Vista Tulocay Phase II, and Napa Pipe Redevelopment .

On-Call Plan Check Services 19/20, City of South Gate, CA. Willdan provided multi-disciplinary plan check including Parcel Maps, Tract Maps, Annexations, Lot Line Adjustments, and Mergers to the City of South Gate.

Survey and Mapping Services, City of Woodlake, California. Contract City Surveyor responsible for performing reviews for public improvements throughout the city.

Survey and Mapping Services, City of Farmersville, California. Assistant City Surveyor responsible for performing reviews for public improvements throughout the city.

QK Inc, Visalia CA. Senior Associate Surveyor, Project Manager, UAV Manager. Defined and monitored project scope, schedule and budget, including implementing relevant, trend-based measurements to reflect the state of project activities and achievement of clients' expectations. Was responsible for monitoring the completion of QA/QC forms for all deliverables and coordinated the schedule with other QA/QC reviewers at various points throughout the project development.

Salvador Lopez Jr.

Director of Planning

EDUCATION

BS, Urban & Regional Planning, California State Polytechnic University, Pomona, CA

24 YEARS OF EXPERIENCE

Mr. Salvador Lopez, Jr. has 24 years of planning experience that spans all aspects of planning, including current, advance, and environmental planning, as well as active transportation planning and housing and community development. He is highly experienced at managing multi-disciplinary teams in the development of policy and long-range planning documents for public agencies.

Relevant Project Experience

Mayfair Park Storm Water Runoff Capture, City of Lakewood, CA. Environmental Compliance Task Leader responsible for providing and overseeing all environmental services required for stormwater runoff improvements. The project involved diverting water from the nearby Los Angeles County flood control channel into pretreatment devices, such as a hydrodynamic separator, to remove the trash, debris, and sediment before conveying water into a large, buried multi-chambered storage/infiltration facility with a targeted storage capacity of 8 acre-feet. The City of Lakewood studied two park locations - Mayfair Park and Bolivar Park - for suitable locations that would benefit from the improvements.

Special Project Planning Services, City of Artesia, CA. Program Manager responsible for overall on-call project assignment management and oversight for staffing resources provided to the City. Serves as Case Planner responsible for reviewing and processing land use entitlement applications; preparing general plan text or map amendments; preparing or amending specific plans; preparing zoning code text or map amendments; and preparing related environmental studies. Performance of these responsibilities requires expertise and knowledge in general plan compliance and implementation, CEQA/NEPA conformance, project management, and general planning procedures. Representative projects include the Artesia LIVE II Application Processing, Specific Plan, and IS/MND.

Lakewood Boulevard Capacity Enhancement Project, City of Lakewood, CA. Environmental Task Manager. Willdan was selected to prepare an Initial Study Checklist and a Mitigated Negative Declaration (IS/MND) pursuant to the California Environmental Quality Act (CEQA) for the proposed Complete Street/Green Street Improvements on Lakewood Boulevard between the north City Limits and Del Amo Boulevard. This project is funded by Metro Measure "R" I/91/605 Hot Spots Expenditure Plan funds.

Fortin Street Development Application Processing and IS/MND, City of Baldwin Park, CA. Project Manager responsible for overall project management and oversight to process an application and preparing an initial study/mitigated negative declaration for a tentative tract map to subdivide four residential properties on 1.75 acres into 15 residential lots as a planned unit development.

Firestone Boulevard Capacity Enhancement, City of South Gate, CA. Environmental Compliance Task Leader responsible for providing and overseeing all environmental services required for the corridor improvements from Alameda Street to Hunt Avenue. The improvements involved roadway widening from four to

six lanes; pavement rehabilitation; landscape and hardscape medians; median lighting; sidewalk, curb and gutter, and driveway approach reconstruction; ADA-compliant ramps; parkway trees; artistic elements, corridor entrance monument; bus shelter and bus turnouts; and traffic signal modifications. Services provided included civil, traffic, pavement, and drainage engineering; landscape architecture, survey, and right-of-way engineering; and utility relocation.

Garfield Avenue Corridor Improvements, City of Paramount, CA. Environmental Compliance Task Leader responsible for providing and overseeing all environmental services required for street improvements between the north City and the south city limits. The design involved street widening to accommodate a third lane in each direction; street resurfacing; two concrete intersections; concrete sidewalk, curb and gutter, and driveway approach reconstruction; catch basin construction; streetscape improvements for raised landscaped medians and modifications to existing medians; two entry monument signs; and traffic signal modifications at nine locations along the Garfield Avenue corridor. Services included civil, traffic, and drainage engineering; survey and mapping; utility relocation; landscape architecture; and pavement management.

On-Call Planning Services, City of El Monte, CA. Contract Planner responsible for contract planning services emphasizing discretionary case processing and long-range advanced planning programs. Programs involved land use planning; complex land use development projects; general administration of City-initiated planning work and studies; conceptual plans; land use entitlement applications; general plan, specific plan, and zoning code updates and map amendments; and initial studies under the California Environmental Quality Act and related environmental documents. Also responsible for preparing all associated staff reports, resolutions, and ordinances.

Planning Services, City of Hawaiian Gardens, CA. Project Manager responsible for overall project management and oversight for staffing resources provided to the City. Staff planners assist with processing development applications and other day-to-day planning activities, including - but not limited to - land use entitlements, special projects, CEQA administration, casino project management, and successor agency management.

Contract Planning Services, City of Long Beach, CA. Project Manager responsible for overall project management and oversight for staffing resources provided to the City. Staff planners assist with current planning, advance planning, special projects planning, development project review, entitlement processing, CEQA document preparation and review, historic assessments, community outreach, and other long-range planning activities.

Contract Planning Services, City of Cudahy, CA. Project Manager responsible for overall project management and oversight for staffing resources provided to the City. Staff provides full-time contract planning services for the City's Planning Division as well as for Interim Community Development Director.

On-Call Planning Services, City of Willows, CA. Project Manager responsible for overall project management and oversight for staffing resources provided to the City.

Tamara Boeltl

Utility Coordinator

Ms. Tamara L. Boeltl is responsible for the mapping of plans for various projects undertaken by Willdan. She is computer literate in GIS, CAD, Microsoft PowerPoint, Visio, Illustrator, and Adobe PhotoShop, as well as a variety of spreadsheet and word processing software. Ms. Boeltl has more than seven years of graphics experience including coordination of computer graphic displays, presentation layouts, brochure design, slide creation, and GIS mapping. Her public counter duties consisted of explaining public works codes, ordinances, and requirements to owners, contractors, and the general public. Additionally, Ms. Boeltl reviewed applications, issued permits, maintained records, and prepared status reports for the building and safety departments. She also conducted plan check for minor public works projects. Ms. Boeltl performed all duties on an interim basis for the Cities of Claremont, El Segundo, Hidden Hills, La Habra Heights, Lancaster, and the County of Santa Cruz. Another specialized service Ms. Boeltl has performed for the Cities of Hemet and Indian Wells is counter procedure assessment, preparation of counter manual, and additional staff training.

EDUCATION

General Education, Moorehead State University, Minnesota

Blueprint Reading, Fullerton Community College, Fullerton

Building Construction, Pasadena Community College, Pasadena

Business English, Rio Hondo College, Whittier

35 YEARS OF EXPERIENCE

Relevant Project Experience

Roadside Bridge Widening, City of Agoura Hills, CA. Willdan is providing structural civil and traffic engineering design and other appurtenant services for the federally funded widening. The four span reinforced concrete slab bridge – constructed in 1964 – is located approximately 0.3 miles east of Kanan Road and crosses Medea Creek. Two eastwest traffic lanes provide a travel width of 24 feet. Narrow approaches create traffic bottlenecks in both directions. The bridge has 2-foot-wide sidewalks on the north and south sides with no pedestrian walkway at the west approach. Based upon a Caltrans inspection report the bridge has a sufficiency rating of 78.6 and is classified as functionally obsolete due to poor deck geometry and the narrow travelways.

Studebaker Road and Rosecrans Boulevard Hot Spots Arterial Intersection Improvement Project, City of Norwalk, CA. Willdan was selected to provide professional engineering design services for the preparation of plans specifications and estimates (PS&E) for the street improvements at Studbaker Road and Rosecrans Boulevard.

On Call Landscape Architectural Services, City of Paramount, CA. Willdan was selected to provide professional engineering design services for the preparation of plans specifications and estimates (PS&E) for the street improvements on Centinela Avenue from La Cienega Boulevard to Florence Avenue.

Street Improvements and Traffic Signal Modifications on Centinela Avenue for the Highway Safety Improvement Program (HSIP), City of Inglewood, CA. The Centinela Avenue resurfacing project will be packaged as a single project for construction advertisement. Although both projects will be bid together as one bid package separate bid schedules will be prepared for federally funded and non-federally funded components of the project.

Lower Azusa Road-Los Angeles Street from Rosemead Boulevard to Main Avenue Traffic Signal Synchronization Project, City of Alhambra, CA. Willdan is providing professional traffic engineering services including meetings and project coordination with LACO and the various municipalities involved (Arcadia El Monte Baldwin Park Rosemead Temple City Irwindale and Caltrans). For 29 signalized intersections along the Lower Azusa Road-Los Angeles Street corridor, conducted field review and an equipment inventory report for the recommended improvements, traffic signal base plans, traffic signal improvements plans, and traffic signal utility plans.

Supportive Engineering Services, City of La Puente, CA. Willdan is providing supportive engineering services including third-party review of geotechnical reports and grading plans and specifications submitted to the City. The review is performed to ensure that the submittals comply with the City's guidelines and applicable codes.

Hot Spots Improvements, City of Pico Rivera, CA. The project included increased left turn storage, additional left turn lanes, additional through travel lanes, dedicated right turn pockets, reconstruction of existing medians to accommodate additional travel lanes, modifying existing traffic signals and striping, pavement rehabilitation, construction of curb ramps, driveway approaches and miscellaneous sidewalk improvements.

City of El Monte Santa Anita Active Transportation Project, City of El Monte, CA. Willdan provided engineering design services for the preparation of plans, specifications, and cost estimates (PS&E) and related construction documents. The project improvements include pedestrian and bicycle safety enhancements, Class II bike lanes, Class III bike routes, bicycle video detection, pedestrian countdown signal heads, thermoplastic striping upgrades, ADA curb ramps, and wayfinding improvements along Santa Anita Avenue, Tyler Avenue, and Ramona Boulevard.

Concrete Repair Project, City of Pico Rivera, CA. Prepared specifications, typical sections, construction details, cost estimates and bid documents for the city-wide concrete repair. The project consisted of the removal and replacement of the damaged curb and gutter sidewalk driveways and AC pavement. The project was funded through Community Development Block Grant (CDBG).

LA River Catch Basin Retrofit, Los Angeles Gateway Region, CA. Willdan provided engineering services to the Los Angeles Gateway Region Integrated Regional Water Management Joint Powers Authority (JPA) for the installation of full capture catch basin trash and debris system. The catch basins are located within the Los Angeles River Watershed of 16 Gateway Cities. Willdan services included inventory and field survey of existing catch basins research and data gathering permit coordination and processing data inputting and preparation of plans specifications and estimate.

Lani Alfonso, PE

Construction Phase Authorization | Grant Administration

EDUCATION

BS, Civil Engineering | Civil Engineer, California No. 56397

REGISTRATION

Civil Engineer, California No. 56397

32 YEARS OF EXPERIENCE

Ms. Lani Alfonso is a Willdan Engineering city engineer with over 32 years of experience in public works engineering and project management who combines excellent communication and management skills with analytical and technical qualifications. She is experienced in administrative filings and reporting for a variety of funding sources.

Relevant Project Experience

Foothill Boulevard, CML – 5417(021), City of La Cañada Flintridge, CA. Federal Funding Administrator. This project constructed an approximately half-mile Class I bicycle and pedestrian path and two miles of Class II bike lane and bicycle amenities; raised medians; and a bus stop. Included cold milling existing pavement and re-paving with Asphalt Rubber Hot Mix (ARHM); removal and installation of traffic striping and raised pavement marking; replacement of curb and gutter and other drainage improvements; traffic signal improvements to include new equipment, bicycle signal detection, and bicycle/pedestrian push buttons; street lighting; illuminated street name sign; and streetscape beautification with narrowed travel lanes to enhance bike and pedestrian mobility and safety.

Fair Oaks Traffic Signal, Fed No. HSIPL-5071 (020), City of South Pasadena, CA. Federal Funding Administrator**.** Willdan provided construction management and inspection service for the installation of fiber optic lines throughout Fair Oaks Avenue.

Arrow Highway Resurfacing Project, Fed No. HSIPL 5112 (019), City of Azusa, CA. Federal Funding Administrator. Willdan provided construction engineering services for the City of Azusa's Arrow Highway Street Resurfacing and Highway Safety Improvement Project. The project included pavement rehabilitation on Arrow Highway, including cold milling, drainage improvements, PCC crosswalks, minor concrete repairs, landscaping, ARHM overlay, traffic detector loops, thermoplastic striping, and other appurtenant work. Willdan's services included resident engineering, public works inspection, federal invoicing, labor compliance, and material testing services.

Pedestrian Crossings Project, Fed No. HSIPL 5164 (033), City of Inglewood, CA. Grant Funding Engineer responsible for all administrative filings and reporting to satisfy funding requirements for Caltrans reimbursement of HSIP funds. The City received a $250,000 HSIP Cycle 9 grant to upgrade five (5) uncontrolled crosswalks with enhanced crosswalk features.

Citywide Arterial Flashing Stop Signs and Advance Pavement Markings Project HSIP Cycle 10, City of Ridgecrest, CA. Grant Funding Engineer responsible for all administrative filings and reporting to satisfy funding requirements for Caltrans reimbursement of HSIP funds. A $491,100 HSIP Cycle 10 grant was awarded to upgrade existing stop signs with larger stop signs featuring solar-

powered LED warning lights and new posts with wind bracing and installation of advance “STOP AHEAD” pavement markings at 25 locations.

Wilcox Avenue Complete Street and Safe Routes to School Project, Fed No. ATPL 5369 (011), City of Cudahy, CA. Grant Funding Engineer responsible for all administrative filings and reporting to satisfy funding requirements for Caltrans reimbursement of ATP funds. The City received a $744,185 ATP grant to install crosswalks, pedestrian scale lighting, bulb outs with curb ramps, truncated domes, pedestrian countdown displays, signage, marking, striping, slurry seal, and realignment of crosswalks at 12 locations.

East and West Downs Street Widening Improvements, STPL 5385(057), City of Ridgecrest, CA. Federal Funding Administrator. The east side project was federally funded and the west side project was locally funded. The east side widening involved new curb, gutter, and sidewalk improvements. The west side widening project encompassed a new raised median, street lighting conduit, curb ramps, curb and gutter, sidewalks, driveway approaches, cement treatment, ARHM overlay, signing, striping and RRFB.

Cudahy Los Angeles River Area Improvement Project, CCL-5369(015), City of Cudahy, CA. Grant Funding Administrator. The City received $4,874,304 in state Clean California Grant funds to construct enhance the Los Angeles River bike path along Cudahy’s jurisdiction with gateway monuments, wayfinding signage, landscaping, architectural fencing, benches, and lighting. The project will also create a link between the Los Angeles River and the Cudahy River Park with pedestrian and cyclist amenities, clean and beautify the Clara Bridge slopes, and create a pocket park at the intersection of Otis Avenue and Elizabeth Street.

Rosecrans Avenue Bridge Project, BRLS 5336(018) and (019), City of Paramount, CA. Federal Funding Administrator. The City received Highway Bridge Program funding to rehabilitate or replace the Rosecrans Avenue bridge over the Los Angeles River.

Alondra at Passage Traffic Signal Project, HSIPSL 5336(023), City of Paramount, CA. State Funding Administrator. The City received $331,900 in HSIP Cycle 10 funds to install a traffic signal at the intersection of Alondra Boulevard and Passage Avenue.

Roadside Bridge Project, BHLO-5435(017), City of Agoura Hills, CA. Federal Funding Administrator. The City received $3,462,900 in Highway Bridge Program funding to rehabilitate the Roadside Bridge over Medea Creek.

Mines Avenue Regional Bikeway Project, ATPL 5351 (032), City of Pico Rivera, CA. Federal/State Funding Administrator. The City received $872,000 in federal ATP funds and $3.06 million in state ATP funds to install a Class IV bike lane, a Class I shared-use path, a Class II bicycle lane, medians with drought tolerant landscaping, sidewalks, curb ramps, signal modifications, and wayfinding signs.

David Knell, PE

Prior Rights Expertise

Mr. David Knell has more than 41 years of experience in the surveying and mapping field. He has been responsible for a variety of mapping and construction jobs as well as performing surveys and acting as an expert witness in legal cases. His experience includes the supervision of field crews, overseeing office staff completing various survey projects, and extensive experience with local, state, and federal agencies. Mr. Knell has also done considerable work with title companies and attorneys for a variety of jobs. Mr. Knell has a wide range of experience preparing and checking subdivision maps. As a contract checker for the Cities of Agoura Hills, Dana Point, Lake Forest, Bell Gardens, Paramount, and Cerritos, and a surveyor in private practice, Mr. Knell has been involved in the preparation and checking of numerous Parcel Maps and Tract Maps, A.L.T.A Surveys, Records of Survey, Lot Line Adjustments, Parcel Map Waivers, Certificates of Compliance, and boundary determination. He also was responsible for preparing legal descriptions and sketches for a wide range of easements involving utilities, air space reservations, and construction projects. He has also worked with major utilities and title companies in determining easements and correcting defective legal descriptions.

EDUCATION

BS, Cartography, Boston University, Boston

Civil Engineering and Land Surveying Classes, California State University, Long Beach

REGISTRATIONS / CERTIFICATIONS

Land Surveyor, California No. 5301

41 YEARS OF EXPERIENCE

Relevant Project Experience

Survey Map Checking, County of Marin, Surveyor, CA. Willdan has provided professional land surveying map checking services for Records of Survey for the County of Marin since April 2017 and will continue until at least February 2023 when our current contract expires. Our checking group, consisting of 3 Licensed Land Surveyors, reviews between 100 and 150 maps a year, depending on the number being submitted to the county. We have completely eliminated the backlog of 250 maps which existed when we first began working for the Marin County Department of Public Works in 2017. Currently, our turnaround time from 1st Submittal through 1st Check is less than the 90 days mandated by the Professional Land Surveyors' Act.

City Surveyor Services and Various Survey Projects, City of La Cañada Flintridge, California. Surveyor. Willdan provides City Surveyor service (checking of all submitted maps and easements) as well as performing various topographic surveys for sidewalks which was part of a Safe Route to School Project. When the City embarked on its city-wide survey project, Willdan provided aerial survey and cross-sectional topography. We prepared 350 permanent and temporary easement documents (front sheet, legal description, and plat). Our survey crews constructed staked a major portion of the project. We worked closely with the City on its Town Center project, which entailed our review of the parcel map which included dedications and a large number of street vacations and public easements.

On-Call Surveying Services, Cities of Yorba Linda and La Mirada. As City Surveyor, Mr. Knell handles the interior check of all Tract Maps and Parcel Maps (the County checks the exterior boundary) and the review of Lot Line Adjustments,

Parcel Map Waivers, Easements, and Certificates of Compliance. Willdan's survey group has also prepared numerous easement quitclaim deeds for unwanted landscaping easements and vacation documents for streets being abandoned. We have performed topographic surveys and provided construction staking for several projects for the City as well as its Redevelopment Agency. We have assisted the City in dealing with several complex boundary and defective title issues.

General Engineering Services, City of Lakewood, CA. The Lakewood Boulevard Capacity Enhancement project limits extend from Del Amo Boulevard to Lakewood's north city limits, approximately 1.5 miles. Lakewood Boulevard is a designated truck route that supports goods movements from the Ports of Long Beach and Los Angeles. The main objective of the project is to install a Class I bike path and sidewalk in the parkway area and to install minor roadway capacity enhancements on Lakewood Boulevard including dual left turn lanes at the intersection of Hardwick Street. Since the active transportation improvements will be constructed in the parkway, the existing roadway capacity will be maintained. Other improvements include utility undergrounding, traffic signal improvements, LED street lighting, ADA enhancements, and green street improvements such as landscaped median islands, parkway trees, and stormwater retention. The estimated construction cost of this project is $38 million.

Malvern Avenue Rehabilitation Project, City of Fullerton, CA. Willdan provided design and construction support for the Malvern Avenue Rehabilitation project. The 1.75-mile project provides three travel lanes in each direction along the northerly section and two travel lanes along the easterly section. Improvements included asphalt, curb ramps, curb and gutter, sidewalks and catch basins. Bike lanes were also installed. Street rehabilitation strategies included coldmill with ARHM overlay and/or full-depth reconstruction. During the field review in preparation of the preliminary plan, Willdan identified sections to be reconstructed and noncompliant or missing ADA features; gutter replacements; and existing sidewalk, access ramp, and driveway issues. Prepared 65%, 95% and 100% plans, specifications and estimate and provided construction support.

Garfield Avenue Rehabilitation Project, City of Paramount, CA. Willdan provided design engineering services for street improvements through the Garfield Avenue corridor between the north and south city limits. The design involved street widening to accommodate a third lane in each direction; street resurfacing; two concrete intersections; concrete sidewalk curb and gutter and driveway approach reconstruction; catch basin construction; streetscape improvements for raised landscaped medians and modifications to existing medians; two entry monument signs; and traffic signal modifications at nine locations along the Garfield Avenue corridor. Services included civil traffic and drainage engineering; survey and mapping; utility relocation; landscape architecture; and pavement management. Willdan prepared an initial study checklist and mitigated negative declaration pursuant to CEQA requirements.

APPENDIX C
NON-COLLUSION AFFIDAVIT

The undersigned declares states and certifies that:

1. This Proposal is not made in the interest of, or on behalf of any undisclosed person, partnership, company, association, organization or corporation. This Proposal is genuine and not collusive or sham.

2. I have not directly or indirectly induced or solicited any other Proposer to put in a false or sham proposal and I have not directly or indirectly colluded, conspired, connived, or agreed with any other Proposer or anyone else to put in sham proposal or to refrain from submitting to this RFP.

3. I have not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the proposal price or to fix any overhead, profit or cost element of the proposal price or to secure any advantage against the City of Pico Rivera or of anyone interested in the proposed contract.

4. All statements contained in the Proposal and related documents are true.

5. I have not directly or indirectly submitted the proposal price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay any fee to any person, corporation, partnership, company, association, organization, RFP depository, or to any member or agent thereof to effectuate a collusive or sham proposal.

6. I have not entered into any arrangement or agreement with any City of Pico Rivera public officer in connection with this proposal.

7. I understand collusive bidding is a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards.

Signature of Authorized Representative

Vanessa Munoz, PE, TE — Name of Authorized Representative

President, Willdan Engineering — Title of Authorized Representative

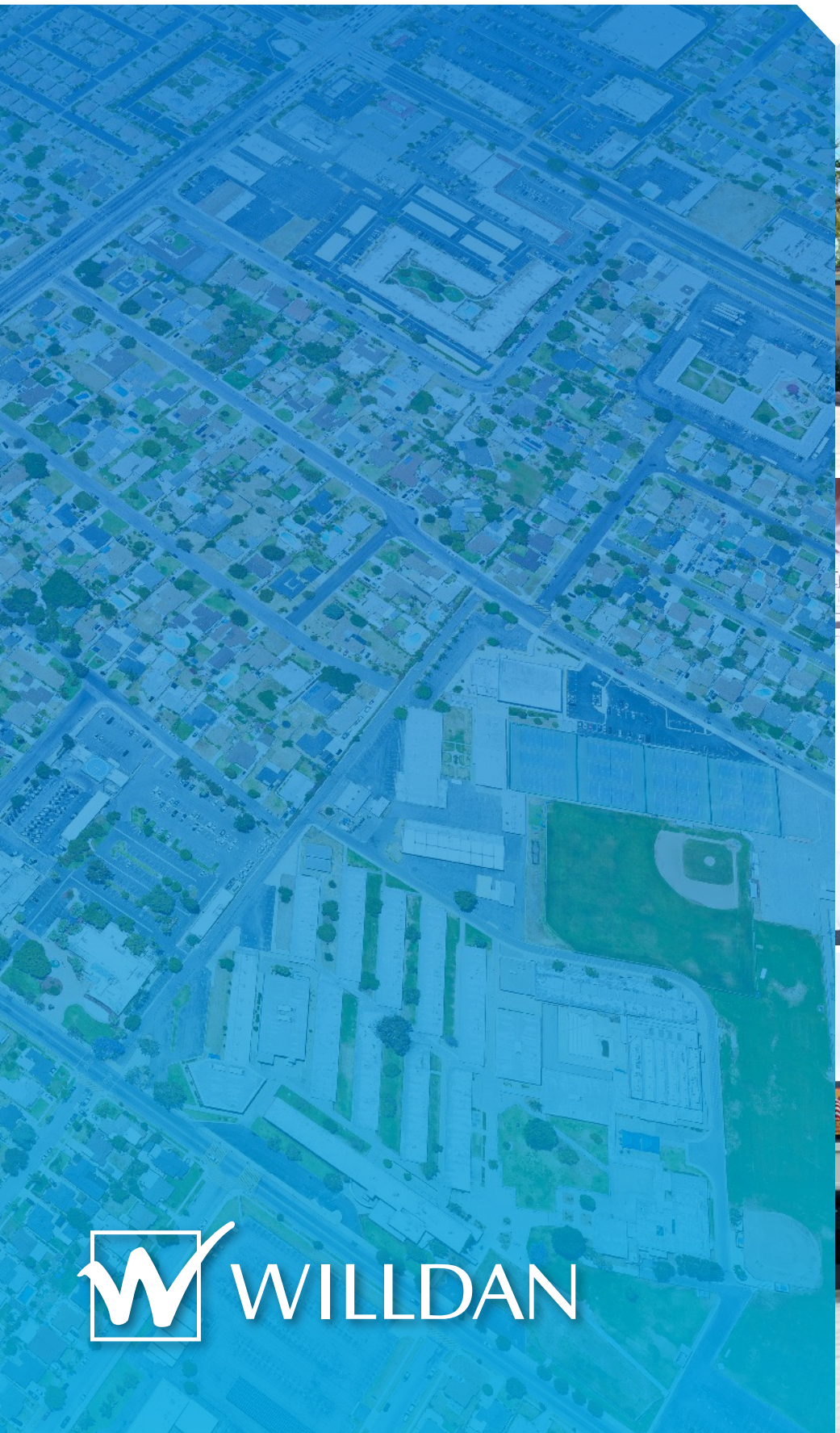
14. EXCEPTIONS OR ADDITIONS

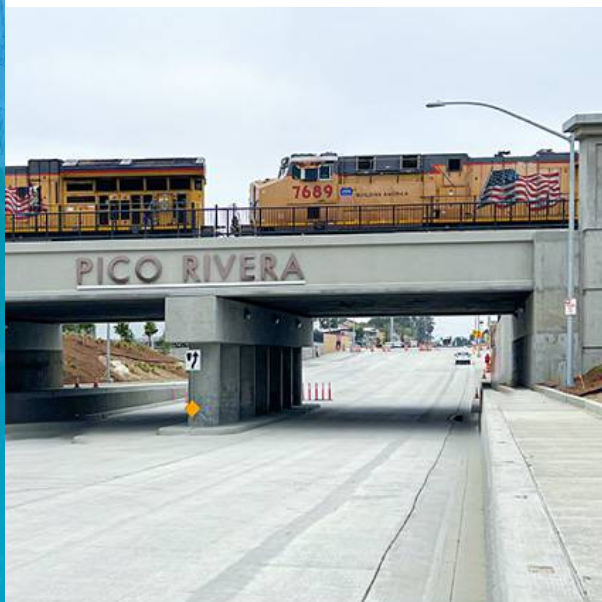
The Proposal shall include a detailed description of all exceptions to the provisions and conditions of this RFP upon which the Consultant's submittal is contingent and which shall take precedence over this RFP.

Willdan has no exceptions or additions to the provisions and conditions of this RFP upon which our submittal is contingent and which shall take precedence over the City's RFP.

13191 Crossroads Parkway North, Suite 405
Industry, CA 91746-3443
562.908.6200 | T 800.499.4484 | F 562.695.2120

www.willdan.com





WILLDAN

EXHIBIT B
APPROVED FEE SCHEDULE

(SCHEDULE OF HOURLY LABOR RATES AND REIMBURSABLE)

H. Schedule of Hourly Rates

WILLDAN

WILLDAN ENGINEERING

Schedule of Hourly Rates

Effective March 2024

DESIGN ENGINEERING	
Technical Aide I	$77
Technical Aide II	$100
Technical Aide III	$120
CAD Operator I	$126
CAD Operator II	$146
CAD Operator III	$162
GIS Analyst I	$164
GIS Analyst II	$180
GIS Analyst III	$191
Environmental Analyst I	$140
Environmental Analyst II	$157
Environmental Analyst III	$166
Environmental Specialist	$180
Designer I	$168
Designer II	$174
Senior Designer I	$184
Senior Designer II	$193
Design Manager	$191
Senior Design Manager	$198
Project Manager I	$177
Project Manager II	$197
Project Manager III	$207
Project Manager IV	$223
Principal Project Manager	$227
Program Manager I	$197
Program Manager II	$209
Program Manager III	$228
Assistant Engineer I	$145
Assistant Engineer II	$162
Assistant Engineer III	$170
Assistant Engineer IV	$180
Associate Engineer I	$189
Associate Engineer II	$194
Associate Engineer III	$196
Senior Engineer I	$194
Senior Engineer II	$198
Senior Engineer III	$201
Senior Engineer IV	$204
Supervising Engineer	$209
Traffic Engineer I	$209
Traffic Engineer II	$223
City Engineer I	$223
City Engineer II	$227
Deputy Director	$231
Director	$237
Principal Engineer	$257

BUILDING AND SAFETY	
Assistant Code Enforcement Officer	$103
Code Enforcement Officer	$118
Senior Code Enforcement Officer	$139
Supervisor Code Enforcement	$168
Plans Examiner Aide	$110
Plans Examiner	$168
Senior Plans Examiner	$184
Assistant Construction Permit Specialist	$118
Construction Permit Specialist	$124
Senior Construction Permit Specialist	$146
Supervising Construction Permit Specialist	$154
Assistant Building Inspector	$139
Building Inspector	$154
Senior Building Inspector	$168
Supervising Building Inspector	$184
Inspector of Record	$196
Deputy Building Official	$196
Building Official	$198
Plan Check Engineer	$192
Supervising Plan Check Engineer	$194
Principal Project Manager	$227
Deputy Director	$231
Director	$237

PLANNING	
CDBG Technician	$82
CDBG Specialists	$98
CDBG Analyst	$116
CDBG Coordinator	$144
CDBG Manager	$174
Housing Programs Coordinator	$144
Planning Technician	$123
Assistant Planner	$154
Associate Planner	$168
Senior Planner	$191
Principal Planner	$198
Planning Manager	$211
Deputy Director	$231
Director	$237

ADMINISTRATIVE	
Administrative Assistant I	$95
Administrative Assistant II	$114
Administrative Assistant III	$133
Project Accountant I	$107
Project Accountant II	$125
Project Controller I	$133
Project Controller II	$150

CONSTRUCTION MANAGEMENT	
Labor Compliance Specialist	$139
Labor Compliance Manager	$174
Utility Coordinator	$167
Office Engineer I	$140
Office Engineer II	$159
Assistant Construction Manager	$152
Construction Manager	$176
Senior Construction Manager	$191
Resident Engineer I	$198
Resident Engineer II	$206
Project Manager IV	$223
Deputy Director	$231
Director	$237

INSPECTION SERVICES	
Public Works Observer **	$125
Public Works Observer ***	$151
Senior Public Works Observer**	$136
Senior Public Works Observer ***	$151

MAPPING AND EXPERT SERVICES	
Survey Analyst I	$143
Survey Analyst II	$164
Senior Survey Analyst	$187
Supervisor - Survey & Mapping	$197
Principal Project Manager	$227

LANDSCAPE ARCHITECTURE	
Assistant Landscape Architect	$146
Associate Landscape Architect	$168
Senior Landscape Architect	$184
Principal Landscape Architect	$195
Principal Project Manager	$227

** For Non-Prevailing Wage Project *** For Prevailing Wage Project

Mileage/Field Vehicle usage will be charged at the rate in accordance with the current FTR mileage reimbursement rate, subject to negotiation.

Additional billing classifications may be added to the above listing during the year as new positions are created. Consultation in connection with litigation and court appearances will be quoted separately. The above schedule is for straight time. Overtime will be charged at 1.5 times, and Sundays and holidays, 2.0 times the standard rates. Blueprinting, reproduction, messenger services, and printing will be invoiced at cost plus fifteen percent (15%). A sub consultant management fee of fifteen percent (15%) will be added to the direct cost of all sub consultant services to provide for the cost of administration, consultation, and coordination. Valid March 2024 – March 2029, rates to be negotiated with City at three years. Thereafter, the rates may be raised once per year to the value between the 12-month % change of the Consumer Price Index for the Los Angeles/Orange County/Sacramento/San Francisco/San Jose area and five percent. For prevailing wage classifications, the increase will be per the prevailing wage increase set by the California Department of Industrial Relations. Rev V02 05.12.2023

EXHIBIT C
TERMS FOR COMPLIANCE WITH CALIFORNIA LABOR LAW REQUIREMENTS

1. This Agreement calls for services that, in whole or in part, constitute "public works" as defined in Division 2, Part 7, Chapter 1 (commencing with Section 1720) of the California Labor Code ("Chapter 1"). Further, Consultant acknowledges that this Agreement is subject to (a) Chapter 1 and (b) the rules and regulations established by the Department of Industrial Relations ("DIR") implementing such statutes. Therefore, as to those Services that are "public works", Consultant shall comply with and be bound by all the terms, rules and regulations described in 1(a) and 1(b) as though set forth in full herein.

2. California law requires the inclusion of specific Labor Code provisions in certain contracts. The inclusion of such specific provisions below, whether or not required by California law, does not alter the meaning or scope of Section 1 above.

3. Consultant shall be registered with the Department of Industrial Relations in accordance with California Labor Code Section 1725.5, and has provided proof of registration to City prior to the Effective Date of this Agreement. Consultant shall not perform work with any subconsultant that is not registered with DIR pursuant to Section 1725.5. Consultant and subconsultants shall maintain their registration with the DIR in effect throughout the duration of this Agreement. If the Consultant or any subconsultant ceases to be registered with DIR at any time during the duration of the project, Consultant shall immediately notify City.

4. Pursuant to Labor Code Section 1771.4, Consultant's Services are subject to compliance monitoring and enforcement by DIR. Consultant shall post job site notices, as prescribed by DIR regulations.

5. Pursuant to Labor Code Section 1773.2, copies of the prevailing rate of per diem wages for each craft, classification, or type of worker needed to perform the Agreement are on file at City Hall and will be made available to any interested party on request. Consultant acknowledges receipt of a copy of the DIR determination of such prevailing rate of per diem wages, and Consultant shall post such rates at each job site covered by this Agreement.

6. Consultant shall comply with and be bound by the provisions of Labor Code Sections 1774 and 1775 concerning the payment of prevailing rates of wages to workers and the penalties for failure to pay prevailing wages. The Consultant shall, as a penalty to City, forfeit $200.00 for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the DIR for the work or craft in which the worker is employed for any public work done pursuant to this Agreement by Consultant or by any subconsultant.

7. Consultant shall comply with and be bound by the provisions of Labor Code Section 1776, which requires Consultant and each subconsultant to: keep accurate payroll records and verify such records in writing under penalty of perjury, as specified

in Section 1776; certify and make such payroll records available for inspection as provided by Section 1776; and inform City of the location of the records.

8. Consultant shall comply with and be bound by the provisions of Labor Code seq. concerning the employment of apprentices on public works projects. Consultant shall be responsible for compliance with these aforementioned Sections for all apprenticeable occupations. Prior to commencing work under this Agreement, Consultant shall provide City with a copy of the information submitted to any applicable apprenticeship program. Within 60 days after concluding work pursuant to this Agreement, Consultant and each of its subconsultants shall submit to City a verified statement of the journeyman and apprentice hours performed under this Agreement.

9. The Consultant shall not perform Work with any Subconsultant that has been debarred or suspended pursuant to California Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. The Consultant and Subconsultants shall not be debarred or suspended throughout the duration of this Contract pursuant to Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. If the Consultant or any subconsultant becomes debarred or suspended during the duration of the project, the Consultant shall immediately notify City.

10. Consultant acknowledges that eight hours labor constitutes a legal day's work. Consultant shall comply with and be bound by Labor Code Section 1810. Consultant shall comply with and be bound by the provisions of Labor Code Section 1813 concerning penalties for workers who work excess hours. The Consultant shall, as a penalty to City, forfeit $25.00 for each worker employed in the performance of this Agreement by the Consultant or by any subconsultant for each calendar day during which such worker is required or permitted to work more than eight hours in any one calendar day and 40 hours in any one calendar week in violation of the provisions of Division 2, Part 7, Chapter 1, Article 3 of the Labor Code. Pursuant to Labor Code section 1815, work performed by employees of Consultant in excess of eight hours per day, and 40 hours during any one week shall be permitted upon public work upon compensation for all hours worked in excess of eight hours per day at not less than one and one-half times the basic rate of pay.

11. California Labor Code Sections 1860 and 3700 provide that every employer will be required to secure the payment of compensation to its employees. In accordance with the provisions of California Labor Code Section 1861, Consultant hereby certifies as follows:

> "I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract."

12. For every subconsultant who will perform work on the project, Consultant shall be responsible for such subconsultant's compliance with Chapter 1 and Labor Code Sections 1860 and 3700, and Consultant shall include in the written contract between it and each subconsultant a copy of those statutory provisions and a requirement that each subconsultant shall comply with those statutory provisions. Consultant shall be required to take all actions necessary to enforce such contractual provisions and ensure subconsultant's compliance, including without limitation, conducting a periodic review of the certified payroll records of the subconsultant and upon becoming aware of the failure of the subconsultant to pay his or her workers the specified prevailing rate of wages. Consultant shall diligently take corrective action to halt or rectify any failure.

13. To the maximum extent permitted by law, Consultant shall indemnify, hold harmless and defend (at Consultant's expense with counsel reasonably acceptable to City) City, its officials, officers, employees, agents and independent consultants serving in the role of City officials, and volunteers from and against any demand or claim for damages, compensation, fines, penalties or other amounts arising out of or incidental to any acts or omissions listed above by any person or entity (including Consultant, its subconsultants, and each of their officials, officers, employees and agents) in connection with any work undertaken or in connection with the Agreement, including without limitation the payment of all consequential damages, attorneys' fees, and other related costs and expenses. All duties of Consultant under this Section shall survive the termination of the Agreement.

AGREEMENT NO. _____
PROFESSIONAL SERVICES AGREEMENT
BETWEEN THE CITY OF PICO RIVERA AND
D'LEON CONSULTING ENGINEERS

1. IDENTIFICATION

THIS PROFESSIONAL SERVICES AGREEMENT ("Agreement") is entered into by and between the City of Pico Rivera, a California municipal corporation ("City") and D'Leon Consulting Engineers, ("Consultant"). City and Consultant are sometimes hereinafter individually referred to as a "Party" and collectively referred to as "Parties."

2. RECITALS

2.1 City has determined that it requires professional services from a consultant to provide on-call engineering services.

2.2 Consultant represents that it is fully qualified to perform such professional services by virtue of its experience and the training, education and expertise of its principals and employees. Consultant further represents that it is willing to accept responsibility for performing such services in accordance with the terms and conditions set forth in this Agreement.

NOW, THEREFORE, for and in consideration of the performance by the Parties of the mutual covenants and conditions herein contained, the Parties hereto agree as follows:

3. DEFINITIONS

3.1 "Scope of Services": Such professional services as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "A" and incorporated herein by this reference.

3.2 "Approved Fee Schedule": Such compensation rates as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "B."

3.3 "Commencement Date" : April 23, 2024

3.4 "Expiration Date" : June 30, 2029

4. TERM

The term of this Agreement shall commence at 12:00 a.m. on the Commencement Date and shall expire at 11:59 p.m. on the Expiration Date unless extended by written agreement of the Parties or terminated in accordance with Section 22 below.

5. CONSULTANT'S SERVICES

5.1 Consultant shall perform the services identified in the Scope of Services. City shall have the right to request, in writing, changes in the Scope of Services. Any such changes mutually agreed upon by the Parties, and any corresponding increase or decrease in compensation, shall be incorporated by written amendment to this Agreement. In no event shall the total compensation and costs payable to Consultant under this Agreement exceed the sum of Two Million Five Hundred Thousand Dollars ($2,500,000.00), unless specifically approved in advance, in writing, by City.

5.2 Consultant shall perform all work to the highest professional standards of Consultant's profession and in a manner reasonably satisfactory to City.

6. COMPENSATION

6.1 City agrees to compensate Consultant for the services provided under this Agreement, and Consultant agrees to accept in full satisfaction for such services, payment in accordance with the Approved Fee Schedule.

6.2 Consultant shall submit to City an invoice, on a monthly basis or less frequently, for the services performed pursuant to this Agreement. Each invoice shall itemize the services rendered during the billing period and the amount due. Within ten (10) business days of receipt of each invoice, City shall notify Consultant in writing of any disputed amounts included on the invoice. Within thirty (30) calendar days of receipt of each invoice, City shall pay all undisputed amounts included on the invoice. City shall not withhold applicable taxes or other authorized deductions from payments made to Consultant.

6.3 Payments for any services requested in writing by City and not included in the Scope of Services shall be made to Consultant by City on a time-and-materials basis using Consultant's standard fee schedule. Fees for such additional services shall be paid within sixty (60) days of the date Consultant issues an invoice to City for such services.

7. BUSINESS LICENSE

Consultant shall obtain a City of Pico Rivera business license prior to commencing performance under this Agreement.

8. COMPLIANCE WITH LAWS

Consultant shall keep informed of State, Federal and Local laws, ordinances, codes and regulations that in any manner affect those employed by it or in any way affect the performance of its services pursuant to this Agreement. Consultant shall at all times comply with such laws, ordinances, codes and regulations. Without limiting the generality

of the foregoing, if Consultant is an out-of-state corporation or LLC, it must be qualified and registered to do business in the State of California pursuant to sections 2105 and 17708.02 of the California Corporations Code. The City, its officers and employees shall not be liable at law or in equity occasioned by failure of Consultant to comply with this Section.

9. CONFLICT OF INTEREST

Consultant covenants that it presently has no interest and shall not acquire any interest, direct or indirect, which may be affected by the services to be performed by Consultant under this Agreement, or which would conflict in any manner with the performance of its services hereunder. During the term of this Agreement, Consultant shall not perform any work for another person or entity for whom Consultant was not working at the Commencement Date of this Agreement if both: (i) such work would require Consultant to abstain from a decision under this Agreement pursuant to a conflict of interest statute; and (ii) City has not consented in writing prior to Consultant's performance of such work.

10. PERSONNEL

Consultant represents that it has, or will secure at its own expense, all personnel required to perform the services identified in the Scope of Services. All such services shall be performed by Consultant or under its supervision, and all personnel engaged in the work shall be qualified to perform such services. Consultant reserves the right to determine the assignment of its own employees to the performance of Consultant's services under this Agreement, but City reserves the right, for good cause, to require Consultant to exclude any employee from performing services on City's premises. Borja Leon, President and Principal, shall be Consultant's project administrator and shall have direct responsibility for management of Consultant's performance under this Agreement. No change shall be made to Consultant's project administrator without City's prior written consent.

11. OWNERSHIP OF WRITTEN PRODUCTS

All reports, documents or other written material ("written products") developed by Consultant in the performance of this Agreement shall be and remain the property of City without restriction or limitation upon its use or dissemination by City. Consultant may take and retain copies of such written products as desired, but no such written products shall be the subject of a copyright application by Consultant. If any state, federal, or local law requires mandatory copyright protection for Consultant's work product, City shall comply with such laws to the extent feasible.

12. INDEPENDENT CONTRACTOR

12.1 Consultant is, and shall at all times remain as to City, a wholly independent contractor. Consultant shall have no power to incur any debt, obligation, or liability on behalf of City or otherwise to act on behalf of City as an agent. Neither City nor any of its officers, employees or agents shall have control over the conduct of Consultant or any of Consultant's employees, except as set forth in this Agreement. Consultant shall not at any time represent that it is, or that any of its agents or employees are, in any manner employees of City.

12.2 The Parties further acknowledge and agree that nothing in this Agreement shall create or be construed to create a partnership, joint venture, employment relationship, joint-employer relationship, or any other relationship between Consultant or Consultant's employees except as set forth in this Agreement.

12.3 City shall have no direct or indirect control over Consultant's employees or sub-consultants with respect to wages, hours, and working conditions. In addition, City shall not deduct from the Compensation paid to Consultant any sums required for Social Security, withholding taxes, FICA, state disability insurance or any other federal, state or local tax or charge which may or may not be in effect or hereinafter enacted or required as a charge or withholding on the compensation paid to Consultant, Consultant's employees or subconsultants. City shall have no responsibility to provide Consultant, its employees or subconsultants with workers' compensation insurance or any other insurance.

12.4 The Parties further acknowledges the following: (i) that Consultant shall provide the services outlined in the Scope of Services directly to City; (ii) Consultant maintains a business location at the address listed under Section 20 that is separate and distinct from the City; (iii) Consultant contracts with other businesses to provide the same or similar services and maintains a clientele without restriction from the City; (iv) Consultant advertises and holds itself out to the public as available to provide the same or similar services; (v) unless otherwise specified in this Agreement, Consultant provides its own tools, vehicles, and equipment necessary for performing the Scope of Services; (vi) Consultant has proposed and negotiated its own rates; and (vii) consistent with the nature and demands of the project and the City's business hours, Consultant may set its own hours and location of work.

13. CONFIDENTIALITY

All data, documents, discussion, or other information developed or received by Consultant or provided for performance of this Agreement are deemed confidential and shall not be disclosed by Consultant without prior written consent by City. City shall grant such consent if disclosure is legally required. Upon request, all City data and any copies thereof shall be returned to City upon the termination or expiration of this Agreement.

14. NON-LIABILITY OF CITY OFFICIALS AND EMPLOYEES

No official or employee of the City shall be personally liable to Consultant in the event of any default or breach by City, or for any amount which may become due to Consultant.

15. INDEMNIFICATION

15.1 The Parties agree that City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers should, to the extent permitted by law, be fully protected from any loss, injury, damage, claim, lawsuit, cost, expense, attorneys' fees, litigation costs, or any other cost arising out of or in any way related to the performance of this Agreement. Accordingly, the provisions of this indemnity provision are intended by the Parties to be interpreted and construed to provide the fullest protection possible under the law to City. Consultant acknowledges that City would not enter into this Agreement in the absence of Consultant's commitment to indemnify and protect City as set forth herein. Notwithstanding the foregoing, to the extent Consultant's services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.2 To the full extent permitted by law, Consultant shall indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant or any of its officers, employees, servants, agents, or subconsultants in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees. Notwithstanding the foregoing, to the extent Consultant's Services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.3 City shall have the right to offset against the amount of any compensation due Consultant under this Agreement any amount due to City from Consultant as a result of Consultant's failure to pay City promptly any indemnification arising under this Section 15 or related to Consultant's failure to either: (i) pay taxes on amounts received pursuant to this Agreement or (ii) comply with applicable workers' compensation laws.

15.4 The obligations of Consultant under this Section 15 will not be limited by the provisions of any workers' compensation act or similar act. Consultant expressly waives

its statutory immunity under such statutes or laws as to City, its officers, agents, employees and volunteers.

15.5 Consultant agrees to obtain executed indemnity agreements with provisions identical to those set forth here in this Section 15 from each and every subconsultant or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. In the event Consultant fails to obtain such indemnity obligations from others as required herein, Consultant agrees to be fully responsible and indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant's subconsultants or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees.

15.6 City does not, and shall not, waive any rights that it may possess against Consultant because of the acceptance by City, or the deposit with City, of any insurance policy or certificate required pursuant to this Agreement. This hold harmless and indemnification provision shall apply regardless of whether or not any insurance policies are determined to be applicable to the claim, demand, damage, liability, loss, cost or expense.

15.7 **PERS ELIGIBILITY INDEMNITY.** In the event that Consultant or any employee, agent, or subconsultant of Consultant providing services under this Agreement claims or is determined by a court of competent jurisdiction or the California Public Employees Retirement System (PERS) to be eligible for enrollment in PERS as an employee of the City, Consultant shall indemnify, defend, and hold harmless City for the payment of any employee and/or employer contributions for PERS benefits on behalf of Consultant or its employees, agents, or subconsultants, as well as for the payment of any penalties and interest on such contributions, which would otherwise be the responsibility of City.

Notwithstanding any other agency, state or federal policy, rule, regulation, law or ordinance to the contrary, Consultant and any of its employees, agents, and subconsultants providing service under this Agreement shall not qualify for or become entitled to, and hereby agree to waive any claims to, any compensation, benefit, or any incident of employment by City, including but not limited to eligibility to enroll in PERS as an employee of City and entitlement to any contribution to be paid by City for employer contribution and/or employee contributions for PERS benefits.

16. INSURANCE

16.1 During the term of this Agreement, Consultant shall carry, maintain, and keep in full force and effect insurance against claims for death or injuries to persons or damages to property that may arise from or in connection with Consultant's performance of this Agreement. Such insurance shall be of the types and in the amounts as set forth below:

16.1.1 Comprehensive general liability, and Umbrella or Excess Liability Insurance covering all operations by or on behalf of Consultant providing insurance for bodily injury liability and property damage liability for the following and including coverage for:

16.1.1.1 Premises, operations, and mobile equipment

16.1.1.2 Products and completed operations

16.1.1.3 Broad form property damage (including completed operations)

16.1.1.4 Explosion, collapse, and underground hazards

16.1.1.5 Personal Injury

16.1.1.6 Contractual liability

in the amount of One Million Dollars ($1,000,000) per occurrence combined single limit; Two Million Dollars ($2,000,000) aggregate for products/completed operation; Two Million Dollars ($2,000,000) general aggregate (General aggregate must apply separately to Consultant's work under this Agreement.); and Five Million Dollars ($5,000,000) umbrella or excess liability.

16.1.2 Automobile Liability Insurance for owned, hired and non-owned vehicles utilized by Consultant, its employees or subconsultants, in the amount of One Million Dollars ($1,000,000) per accident for bodily injury and property damage.

16.1.3 Worker's Compensation Insurance as required by the laws of the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than One Million Dollars ($1,000,000) per accident for bodily injury or disease.

16.1.4 Professional Liability Insurance against errors and omissions in the performance of the work under this Agreement with coverage limits of not less than One Million Dollars ($1,000,000) per occurrence of claim/ Two Million Dollars ($2,000,000) in the aggregate.

16.2 Consultant shall require each of its subconsultants, if any, to maintain insurance coverage that meets all of the requirements of this Agreement.

16.3 The policy or policies required by this Agreement shall be issued by an insurer admitted in the State of California and with a rating of at least A:VII in the latest edition of Best's Insurance Guide.

16.4 Consultant agrees that if it does not keep the aforesaid insurance in full force and effect City may either: (i) immediately terminate this Agreement; or (ii) take out the necessary insurance and pay, at Consultant's expense, the premium thereon.

16.5 At all times during the term of this Agreement, Consultant shall maintain on file with City's Risk Manager a certificate or certificates of insurance showing that the aforesaid policies are in effect in the required amounts and, for the general liability and automobile liability policies, naming the City as an additional insured. Consultant shall, prior to commencement of work under this Agreement, file with City's Risk Manager such certificate(s).

16.6 Consultant shall provide proof that policies of insurance required herein expiring during the term of this Agreement have been renewed or replaced with other policies providing at least the same coverage. Consultant shall provide such proof to City at least two weeks prior to the expiration of the coverages.

16.7 The general liability and automobile policies of insurance required by this Agreement shall contain an endorsement naming City, its officers, employees, agents and volunteers as additional insureds. All of the policies required under this Agreement shall contain an endorsement providing that the policies cannot be canceled or reduced except on thirty days' prior written notice to City. Consultant agrees to require its insurer to modify the certificates of insurance to delete any exculpatory wording stating that failure of the insurer to mail written notice of cancellation imposes no obligation, and to delete the word "endeavor" with regard to any notice provisions.

16.8 The general liability and automobile policies of insurance provided by Consultant shall be primary to any coverage available to City. Any insurance or self-insurance maintained by City, its officers, employees, agents or volunteers, shall be in excess of Consultant's insurance and shall not contribute with it.

16.9 All insurance coverage provided pursuant to this Agreement shall not prohibit Consultant, and Consultant's employees, agents or subconsultants, from waiving the right of subrogation prior to a loss. Consultant hereby waives all rights of subrogation against the City.

16.10 Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of City, Consultant shall either reduce or eliminate the deductibles or self-insured retentions with respect to City, or Consultant shall procure a bond guaranteeing payment of losses and expenses.

16.11 Procurement of insurance by Consultant shall not be construed as a limitation of Consultant's liability or as full performance of Consultant's duties to indemnify, hold harmless and defend under Section 15 of this Agreement.

16.12 If Consultant maintains broader coverage and/or higher limits than the minimums shown above, the City requires and shall be entitled to the broader coverage and/or the higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

17. MUTUAL COOPERATION

17.1 City shall provide Consultant with all pertinent data, documents and other requested information as is reasonably available to City for the proper performance of Consultant's services under this Agreement.

17.2 In the event any claim or action is brought against City relating to Consultant's performance in connection with this Agreement, Consultant shall render any reasonable assistance that City may require.

18. RECORDS AND INSPECTIONS

Consultant shall maintain full and accurate records with respect to all matters covered under this Agreement for a period of three years after the expiration or termination of this Agreement. City shall have the right to access and examine such records, without charge, during normal business hours. City shall further have the right to audit such records, to make transcripts therefrom and to inspect all program data, documents, proceedings, and activities.

19. PERMITS AND APPROVALS

Consultant shall obtain, at its sole cost and expense, all permits and regulatory approvals necessary in the performance of this Agreement. This includes, but shall not be limited to, encroachment permits and building and safety permits and inspections.

20. NOTICES

Any notices, bills, invoices, or reports required by this Agreement shall be deemed received on: (i) the day of delivery if delivered by hand, facsimile, email, or overnight courier service during Consultant's and City's regular business hours; or (ii) on the third business day following deposit in the United States mail if delivered by mail, postage prepaid, to the addresses listed below (or to such other addresses as the Parties may, from time to time, designate in writing).

If to City:

Steve Carmona, City Manager
City of Pico Rivera
PO Box 1016
6615 Passons Blvd.
Pico Rivera, California 90660-1016

If to Consultant:

Borja Leon, President and Principal
D'Leon Consulting Engineers
3605 Long Beach Blvd. #235
Long Beach, CA 90807

With a courtesy copy to:

Arnold M. Alvarez-Glasman, City Attorney
13181 Crossroads Parkway North
Suite 400 - West Tower
City of Industry, CA 91746

21. SURVIVING COVENANTS

The Parties agree that the covenants contained in Sections 13, 15 and Paragraph 17.2 of Section 17, of this Agreement shall survive the expiration or termination of this Agreement.

22. TERMINATION

22.1 City shall have the right to terminate this Agreement for any reason on five (5) calendar days' written notice to Consultant. Consultant shall have the right to terminate this Agreement for any reason on sixty (60) calendar days' written notice to City. The effective date of termination shall be upon the date specified in the notice of termination. Consultant agrees that in the event of such termination, City's obligation to pay Consultant shall be limited to payment only for those services satisfactorily rendered, as solely determined by the City, prior to the effective date of termination. Consultant agrees to cease all work under this Agreement on or before the effective date of any notice of termination. All City data, documents, objects, materials or other tangible things shall be returned to City upon the termination or expiration of this Agreement.

22.2 If City terminates this Agreement due to no fault or failure of performance by Consultant, then Consultant shall be paid based on the work satisfactorily performed, as solely determined by the City, at the time of termination. In no event shall Consultant be entitled to receive more than the amount that would be paid to Consultant for the full performance of the services required by this Agreement.

23. ASSIGNMENT

Consultant shall not delegate, transfer, subcontract or assign its duties or rights hereunder, either in whole or in part, without City's prior written consent, and any attempt

to do so shall be void and of no effect. City shall not be obligated or liable under this Agreement to any Party other than Consultant.

24. NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY

24.1 In the performance of this Agreement, Consultant shall not discriminate against any employee, subconsultant, or employment applicant because of race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation. Consultant will take affirmative action to ensure that subconsultants, employees, and employment applicants are treated without regard to their race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.2 Consultant will, in all solicitations or advertisements for employees placed by or on behalf of Consultant state either that it is an equal opportunity employer or that all qualified applicants will receive consideration for employment without regard to race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.3 Consultant will cause the foregoing provisions to be inserted in all subcontracts for any work covered by this Agreement except contracts or subcontracts for standard commercial supplies or raw materials.

25. WARRANTIES

25.1 Each Party has received independent legal advice from its attorneys with respect to the advisability of entering into and executing this Agreement, or been provided with an opportunity to receive independent legal advice and has freely and voluntarily waived and relinquished the right to do so. Each Party who has not obtained independent counsel acknowledges that the failure to have independent legal counsel will not excuse such Party's failure to perform under this Agreement.

25.2 In executing this Agreement, each Party has carefully read this Agreement, knows the contents thereof, and has relied solely on the statements expressly set forth herein and has placed no reliance whatsoever on any statement, representation, or promise of any other party, or any other person or entity, not expressly set forth herein, nor upon the failure of any other party or any other person or entity to make any statement, representation or disclosure of any matter whatsoever.

25.3 It is agreed that each Party has the full right and authority to enter into this Agreement, and that the person executing this Agreement on behalf of either Party has the full right and authority to fully commit and bind such Party to the provisions of this Agreement.

26. CAPTIONS

26.1 The captions appearing at the commencement of the sections hereof, and in any paragraph thereof, are descriptive only and for convenience in reference to this Agreement. Should there be any conflict between such heading, and the section or paragraph thereof at the head of which it appears, the section or paragraph thereof, as the case may be, and not such heading, shall control and govern in the construction of this Agreement.

26.2 Masculine or feminine pronouns shall be substituted for the neuter form and vice versa, and the plural shall be substituted for the singular form and vice versa, in any place or places herein in which the context requires such substitution(s).

27. NON-WAIVER

27.1 The waiver by City or Consultant of any breach of any term, covenant or condition herein contained shall not be deemed to be a waiver of such term, covenant or condition or of any subsequent breach of the same or any other term, covenant or condition herein contained. In no event shall the making by City of any payment to Consultant constitute or be construed as a waiver by City of any breach of covenant, or any default which may then exist on the part of Consultant, and the making of any such payment by City shall in no way impair or prejudice any right or remedy available to City with regard to such breach or default. No term, covenant or condition of this Agreement shall be deemed to have been waived by City or Consultant unless in writing.

27.2 Each right, power and remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise shall be cumulative and shall be in addition to every other right, power, or remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise. The exercise, the commencement of the exercise, or the forbearance of the exercise by any Party of any one or more of such rights, powers or remedies shall not preclude the simultaneous or later exercise by such Party of any of all of such other rights, powers or remedies.

27.3 Consultant shall not be liable for any failure to perform if Consultant presents acceptable evidence, in City's sole judgment, that such failure was due to causes beyond the control and without the fault or negligence of Consultant.

28. COURT COSTS AND ATTORNEY FEES

In the event legal action shall be necessary to enforce any term, covenant or condition herein contained, the Party prevailing in such action, whether reduced to judgment or not, shall be entitled to its reasonable court costs, including accountants' fees and expert witness fees, if any, and attorneys' fees expended in such action. The venue for any litigation shall be Los Angeles County, California.

29. SEVERABILITY

If any term or provision of this Agreement or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable, then such term or provision shall be amended to, and solely to, the extent necessary to cure such invalidity or unenforceability, and in its amended form shall be enforceable. In such event, the remainder of this Agreement, or the application of such term or provision to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby, and each term and provision of this Agreement shall be valid and be enforced to the fullest extent permitted by law.

30. GOVERNING LAW

This Agreement shall be governed and construed in accordance with the laws of the State of California.

31. COUNTERPARTS

This Agreement may be signed in any one or more counterparts all of which taken together shall be but one and the same Agreement. Any signed copy of this Agreement or of any other document or agreement referred to herein, or copy or counterpart thereof, delivered by facsimile or email transmission, shall for all purposes be treated as if it were delivered containing an original manual signature of the Party whose signature appears in the facsimile or email and shall be binding upon such Party in the same manner as though an originally signed copy had been delivered.

32. ENTIRE AGREEMENT

All documents referenced as exhibits in this Agreement are hereby incorporated in this Agreement. In the event of any material discrepancy between the express provisions of this Agreement and the provisions of any document incorporated herein by reference, the provisions of this Agreement shall prevail. This instrument contains the entire Agreement between City and Consultant with respect to the transactions contemplated herein. No other prior oral or written agreements are binding upon the Parties. Amendments hereto or deviations herefrom shall be effective and binding only if made in writing and executed by City and Consultant.

[This section intentionally left blank]

TO EFFECTUATE THIS AGREEMENT, the Parties have caused their duly authorized representatives to execute this Agreement on the dates set forth below.

"CITY" CITY OF PICO RIVERA	"CONSULTANT" D'LEON CONSULTING ENGINEERS
_____ Andrew C. Lara, Mayor	_____ Borja Leon, President and Principal
Dated: _____	Dated: _____
ATTEST:	**APPROVED AS TO FORM:**
_____ Cynthia Ayala, City Clerk	_____ Arnold M. Alvarez-Glasman, City Attorney

EXHIBIT A
SCOPE OF SERVICES

PROPOSAL FOR

ON-CALL ENGINEERING SERVICES

FEBRUARY 14, 2024

D'LEON

D'LEON CONSULTING ENGINEERS

prepared for

CITY OF PICO RIVERA · CALIFORNIA

SECTION A

Letter of Offer

D'LEON

February 14, 2024

Noe Negrete, PE, Director of Public Works
City of Pico Rivera
6615 Passons Blvd.
Pico Rivera, CA 90660

RE: REQUEST FOR PROPOSAL FOR ON-CALL ENGINEERING SERVICES

Dear Mr. Negrete and Members of the Selection Committee,

Enclosed is D'Leon Consulting Engineers' (DLCE) proposal in response to the City of Pico Rivera's (City) request for proposal (RFP) for on-call engineering services. **The City needs an engineering team with experience delivering engineering and design projects and more with a focus on quality, safety and value and a commitment to supporting the City's capital improvement plans and protecting the integrity and vibrancy of the Pico Rivera community.**

DLCE — a California state-certified Small Business Enterprise (SBE), Local Business Enterprise (LBE), and Local Small Business Enterprise (LSBE) — has provided project management, engineering design, construction management and support services across Southern California for more than 36 years through our staff of qualified, educated, and highly experienced professionals. Our team offers a strong background in municipal and public works transportation projects with expertise in transportation and transit planning and engineering design that focuses on sustainable, human-scale infrastructure.

PRIME FIRM INFORMATION

- **Firm Name:** D'Leon Consulting Engineers
- **Firm Address:** 3605 Long Beach Blvd #235, Long Beach, CA 90807
- **Firm Phone:** (562) 989-4500
- **Firm FEIN:** 95-4434935
- **Primary Contact:** Borja Leon, President and Principal Engineer, borja.leon@dleonengineers.com, (562) 989-4500
- **Scope Services:** Project Management, Preliminary Engineering, Planning, Design, Preconstruction Support, Grant Administration
- **Exceptions:** DLCE has no exceptions to the provisions and conditions of this RFP

THE VALUE WE PROVIDE

Local, Community-Oriented Team: DLCE has worked under on-call task orders for municipalities and agencies across the Los Angeles region since 1987, and our personnel bring extensive scope-specific experience along with a commitment to continuing to provide the same exceptional level of service to the City under this contract. A Latino-owned firm, DLCE brings not only a detailed understanding of your infrastructure needs and goals — including the City's five-year capital improvement plan and the Pico Rivera 2035 Community Revitalization Plan — but also a unique level of cultural competence to supporting and delivering the City's ambitious plans under this contract. We are invested in your success and committed to supporting your community as your neighbors.

Technical Expertise: We hand-picked our team to offer expertise backed by deep local connections and strong working relationships with agencies, stakeholders, and organizations across the region. Our team includes 12 subconsultants bringing depth and breadth of experience, professional qualifications and expertise to help ensure the complete scope of every task order is delivered successfully and efficiently (see next page for complete list). Several of our subconsultant partners have worked for the City of Pico Rivera — including Arellano Associates, David Hidalgo Architects, and Vicus — helping ensure an unmatched level of insight into the City's needs, culture, and history.

Directly Relevant Experience: Our locally based team has supported numerous projects and on-call task order assignments ranging in size from $100,000 to $5 million for owner agencies including City of Los Angeles, City of Inglewood, City of Long Beach, Los Angeles Department of

Transportation (LADOT), Los Angeles Bureau of Engineering (LABOE), Caltrans, Los Angeles County Metropolitan Transportation Authority (Metro), Los Angeles World Airports (LAWA), California High-Speed Rail Authority (CHSRA), and the Ports of Long Beach and Los Angeles. We add value through our team's agility and responsiveness coupled with a deep bench of highly qualified technical resources with strong local connections, allowing us to deliver projects of any size or complexity successfully, on time and within budget.

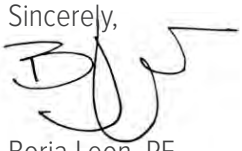
Proven Approach: We have crafted our team to have the qualifications, expertise, flexibility, and availability to support every aspect of engineering to ensure we deliver your complete scope on every task order. Our team includes professionals with local experience and years of expertise to provide tailored services on the scope items identified in the RFP:

- Project management
- Design
- Community outreach
- Preliminary engineering
- Planning studies
- Surveys
- Environmental services
- Utility coordination
- Right-of-way determination
- Prior rights research
- Grant administration
- Preconstruction services including construction authorization, bid support, and construction support

In addition to planning staff for the specific items included in your anticipated scope of work, our team also includes personnel with expertise in related disciplines who will be available to help ensure your ongoing and planned projects align seamlessly with your capital improvement and revitalization plans for the future, both during this contract and extending beyond it. Our team's multidisciplinary experts bring demonstrated excellence in delivering the same bold, progressive projects the City has in store, from complex bus rapid transit and active transportation projects and river corridor revitalization projects to multimodal planning and design with emphasis on first/last mile connections and innovative applications of micromobility and electric vehicle (EV) transportation options.

Thank you for considering D'Leon Consulting Engineers. This proposal shall remain valid for a period of not less than 90 calendar days from the date of submittal. We acknowledge receipt of Q&A Sets 1 and 2. We are obligated by all addenda to this RFP. I am authorized to bind D'Leon Consulting Engineers to the terms of the RFP, and I attest that all information submitted in our proposal is true and correct. Please contact me at (562) 989-4500 or borja.leon@dleonengineers.com if you have questions or require additional information.

Sincerely,



Borja Leon, PE
President and Principal

SUBCONSULTANT FIRM INFORMATION

Arellano Associates, LLC
- **Services:** Community Outreach
- **Address:** 5851 Pine Ave., Suite A, Chino Hills, CA 91709
- **Contact:** Genoveva Arellano, (909) 627-2974, GArellano@arellanoassociates.com

Black and Veatch Corporation
- **Services:** Preliminary Engineering, Planning Studies, and Design – Hydraulic Analysis, Water Treatments, Distribution Systems, Sewer Systems, Flood Control, Storm Drain Facilities, Drainage
- **Address:** 550 S Hope Street, Suite 2250, Los Angeles, CA 90071
- **Contact:** Juan Diaz-Carreras, (213) 431-3220, diazcarrerasj@bv.com

Conaway Geomatics, Inc.
- **Services:** Surveying, Staking, Field Reviews, Legal Description Preparation
- **Address:** 101 S Kraemer Blvd Suite 250, Placentia, CA 92870
- **Contact:** Shannon Conaway, (714) 486-0258 x101, sconaway@conawaygeo.com

David Hidalgo Architects, Inc.
- **Services:** Architectural Services
- **Address:** 316 South First Avenue, Arcadia, CA 91006
- **Contact:** David J. Hidalgo, (626) 446-4148, dhidalgo@dharc.com

Environmental Science Associates, a California Corporation
- **Services:** Environmental Studies and Documentation, Environmental Planning, NEPA/CEQA
- **Address:** 626 Wilshire Boulevard, Suite 1100, Los Angeles, CA 90017
- **Contact:** Tamseel Mir, (213) 542-6044, TMir@esassoc.com

Fehr & Peers
- **Services:** Preliminary Engineering, Planning Studies, Design – Active Transportation, Complete Streets, First/Last Mile
- **Address:** 100 Oceangate, Suite 1425, Long Beach, CA 90802
- **Contact:** Miguel Nunez, (562) 549-3020, m.nunez@fehrandpeers.com

Gannett Fleming, Inc.
- **Services:** Design – Rail/Transit, Landscape/Streets Architecture, Construction Phase Authorization, Bid Support Services, Electrical
- **Address:** 20 Pacifica, Suite 430, Irvine, CA 92618
- **Contact:** Mike Chesney, (949) 885-9207, mchesney@gfnet.com

Monument ROW
- **Services:** Right-of-Way Phase and Determination, Prior Rights Expertise
- **Address:** 200 Spectrum Center, Suite 300, Irvine, CA 92618
- **Contact:** Amber Costello, (562) 260-0507, acostello@monumentrow.com

V&A Inc.
- **Services:** Traffic Engineering – Traffic Signal Design, Traffic Signing and Striping, Street Lighting, Preliminary Engineering and Planning Studies/Design, ITS Elements
- **Address:** 1111 S. Grand Ave., Ste. 103, Los Angeles, CA 90015
- **Contact:** Jose Valle, (213) 972-9700, jose.valle@va-incorp.com

Vicus LLC
- **Services:** Preliminary Engineering/Planning Studies, Community Outreach, First/Last Mile
- **Address:** 1808 Manning Avenue #303, Los Angeles, CA 90025
- **Contact:** Monica Villalobos, (562) 477-0987, monica.villalobos@vicusplanning.com

WSP USA Inc.
- **Services:** Preliminary Engineering/Design – Civil/Bridge, Active Transportation, Rail/Transit/BRT Facilities, Roadway Pavement, Geotechnical, CAD/BIM, Environmental Planning
- **Address:** 888 S. Figueroa Street, Los Angeles, CA 90017
- **Contact:** Ali Mir, (213) 787-8262, Ali.Mir@wsp.com

Yunsoo Kim Design, Inc.
- **Services:** Landscape Architecture, Parks/Playgrounds
- **Address:** 2629 Foothill Blvd., #204, La Crescenta, CA 91214
- **Contact:** Yunsoo Kim, (213) 220-9699, yunsoo@yunsookimdesign.com

APPENDIX C
NON-COLLUSION AFFIDAVIT

The undersigned declares states and certifies that:

1. This Proposal is not made in the interest of, or on behalf of any undisclosed person, partnership, company, association, organization or corporation. This Proposal is genuine and not collusive or sham.

2. I have not directly or indirectly induced or solicited any other Proposer to put in a false or sham proposal and I have not directly or indirectly colluded, conspired, connived, or agreed with any other Proposer or anyone else to put in sham proposal or to refrain from submitting to this RFP.

3. I have not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the proposal price or to fix any overhead, profit or cost element of the proposal price or to secure any advantage against the City of Pico Rivera or of anyone interested in the proposed contract.

4. All statements contained in the Proposal and related documents are true.

5. I have not directly or indirectly submitted the proposal price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay any fee to any person, corporation, partnership, company, association, organization, RFP depository, or to any member or agent thereof to effectuate a collusive or sham proposal.

6. I have not entered into any arrangement or agreement with any City of Pico Rivera public officer in connection with this proposal.

7. I understand collusive bidding is a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards.

Signature of Authorized Representative

Borja Leon	President
Name of Authorized Representative	Title of Authorized Representative

SECTION B

Qualifications of the Firm

VALUE
Technical Expertise
Local, Community-Oriented Team
Proven Approach
Directly Relevant Experience

B QUALIFICATIONS OF THE FIRM

We're a local team of thinkers and doers with a passion for big change and shaping the future of our communities.

FIRM PROFILE

Throughout its history, DLCE has played an active role in the development of major transportation projects throughout Southern California. Our firm's experience includes working with municipalities, transportation agencies and divisions, and third-party stakeholders across the region:

- **Municipalities:** City and County of Los Angeles, City of Inglewood, City of Long Beach
- **Local Agencies:** Caltrans, Orange County Transportation Authority (OCTA), CHSRA, Metro, Metrolink, LAWA, Port of Los Angeles, Port of Long Beach
- **Utilities:** Los Angeles Department of Water and Power (LADWP), LA County Flood Control District (LACFCD), LA County Sanitation District (LACSD), Southern California Edison (SCE), Southern California Gas (SCG), West Basin Municipal Water Districts (WBM)
- **Telecommunication Companies:** AT&T, Verizon, Charter Communications/Spectrum, Crown Castle

Services: DLCE has led and supported engineering, design, and pre-construction projects in the Los Angeles region for more than 36 years with project management, planning, design, permitting, utility coordination, stakeholder coordination, and CAD/BIM services. We have worked on projects across LA featuring complete streets and active transportation design, bus rapid transit (BRT) and rail/track design, street and road improvements, crossing improvements, bike and pedestrian facilities, grading, stormwater, and drainage elements, utility improvements, ADA access improvements, parks and associated facilities, and transit station design and improvement.

DLCE at a Glance

- **Year Founded:** 1987
- **Form of Organization:** Corporation
- **Office:** 3605 Long Beach Boulevard #235, Long Beach, CA
- **Number of Employees:** 35

The City's five-year capital improvement plan and the Pico Rivera 2035 Community Revitalization Plan — particularly planning and designing complete streets initiatives including the implementation of protected bike lanes, bus-only lanes, widened sidewalks, and additional street lighting — align perfectly our company's vision of creating safe, efficient, and welcoming transportation infrastructure for all people and all communities. Through our wide range of projects, we have worked to provide safe, walkable streets for our communities and neighborhoods, and **we are excited to support the City in realizing its ambitious goals**.

DLCE Leadership

Our team is led by DLCE President and Principal Engineer **Borja Leon, PE**, who has provided management and oversight of a number of transportation programs and initiatives related to the expansion of rail and transit, bus improvement, active transportation and street improvement projects across the Los Angeles region. His background includes working for Caltrans on the design of numerous bridge, street, and highway improvement projects, as well as **serving as Deputy Mayor and Policy Director of Transportation** for two Los Angeles mayors: Antonio Villaraigosa from 2005 to 2013 and Eric Garcetti from 2013 to 2018.

As a result of this unique experience, **Borja is a leading expert on working with municipalities on understanding their transportation infrastructure needs and priorities, and he brings established relationships with staff to help expedite projects so they are completed on time and on budget**. As Policy Director of Transportation for the City of Los Angeles, Borja led a citywide task force with

City department executives and engineering leads and staff for overall third-party coordination. In this role, Borja was successful in streamlining design approvals from various public works departments in accordance with the City's Master Cooperative Agreement requirements.

Since he joined DLCE in 2018, **Borja has focused on hiring and retaining locally based, highly qualified personnel** — particularly professionals with hands-on experience working on transportation and infrastructure projects and programs in and around Los Angeles — and creating opportunities for these transportation professionals to support and improve the infrastructure we use every day.

Borja has worked for years to build bridges between his local community and his profession to foster diversity and equity in engineering and construction. **He has served on the Dean Advisory Board for the College of Engineering at CalState Long Beach** (CSULB) since 2018, helping lead recruiting efforts to draw young Angelenos — particularly Latino students and those in under-served communities in the region — into the engineering and construction industry. He has also provided professional expertise and support to the CSULB's Beach Engineering Student Success Team (BESST) program, an engineering-based learning community that provides dedicated mentorship, tutoring, and scholarship opportunities to first-year students in the College of Engineering.

Borja is also currently working with the City of Pico Rivera to develop a paid engineering internship program for El Rancho Unified School District high school students. These internships will allow the local students to collaborate with CSULB College of Engineering students and faculty and work directly on projects in Pico Rivera.

Strength and Stability of the Firm

DLCE professionals are significant contributors to major infrastructure projects across Southern California and beyond. Our teams have longstanding relationships with key local agencies and are familiar with their structure and procedures. We are committed to hiring the best engineering and construction management professionals Los Angeles has to offer, and we leverage our decades of local experience, knowledge and relationship-building to deliver outstanding projects on time and within budget.

The D'Leon Team: Our organization chart appears on page 8 and an overview of our subconsultants begins on page 9.

Our team of more than 30 engineering and construction management professionals provides reliable, high-quality, safe and cost-efficient services delivered by professionals with a deep understanding of and dedication to maintaining and improving Los Angeles transportation infrastructure.

More than 93% of our personnel are local to Los Angeles County. We work, live, and play in LA, and we are committed to supporting the City in making our broader community even more livable, walkable, and safe for everyone, no matter how they get around.

We have assembled a team of highly qualified engineering, design, and environmental professionals to support your delivery of an ambitious program of critical projects by providing services including:

- **Engineering services:** Project management, planning and design services, structural services, architectural services, and design and planning services for streetscape, landscaping and irrigation systems, utility, safety lighting, traffic signal design, water treatment and distribution systems, sewer systems, flood control and storm drain facilities, and mechanical (HVAC)/electrical services
- **Analysis and studies:** Environmental studies, utility research and coordination, right-of-way determination, hydraulic analysis, preliminary engineering studies, permitting support, third-party coordination, surveying, mapping, staking, and geotechnical analysis
- **Preconstruction support:** Construction phase authorization, bid support services, and construction support services
- **Administrative support:** Grant administration, public/community outreach, right-of-way acquisition, prior rights claim expertise, and legal description preparation

DLCE has assembled a highly qualified team of professionals with the right education, experience and credentials to effectively oversee and conduct

the work under this on-call contract. Our team is experienced in developing, innovating, and delivering high-quality designs for the types of projects and task orders the City anticipates under this contract, such as:

- Roadway pavement rehabilitation and restoration projects
- Bridge projects interfacing with upcoming light rail, commuter rail, high-speed rail, and other regional transit programs and initiatives
- Rail/transit facilities including BRT and interfaces with light rail transit, high-speed rail and regional rail program planning
- Active transportation and complete streets facilities including sidewalks, ADA ramps, curbs, and gutters; landscape architecture and streetscape; and architectural improvements that celebrate the City's culture and communities
- Parks, playgrounds, trails, and parklets including associated facilities

Record of Meeting Schedules on Similar Projects

DLCE takes punctuality and communication seriously, boasting a strong track record of meeting scheduled milestones on previous projects, including concurrent task orders and projects at multiple locations. In the last 20 years, we have successfully adhered to all project timelines across a broad range of projects including complex bridge design to intricate corridor redevelopment plans involving extensive third-party and utility coordination efforts. Our consistency is built on a foundation of meticulous planning, proactive communication, and agility. We use collaborative online platforms to ensure all stakeholders have real-time access to schedules and updates, and our experienced project managers hold regular progress reviews to anticipate and address potential roadblocks. This commitment to timely communication fosters trust and collaboration, minimizing delays and enabling clients to confidently rely on DLCE to deliver projects on schedule and within budget.

Success with Scheduling: DLCE's Ryan Browne worked to overcome the domino effects of schedule creep from prior phases of LAX Utilities and LAMP Enabling Project (LULEP). He communicated with stakeholders to identify and leverage scheduling flexibility, including re-negotiating rental contracts to better stagger the work.

Staffing Capability and Availability and Current Workload

We are currently involved in more than $16 million of projects, supporting several municipalities and other public agencies with engineering, design, and construction management services. As experienced consultants, we understand how to build agile teams with the right balance of dedicated full-time and specialty part-time staff to address planned and urgent project needs as they arise.

Borja and senior DLCE staff maintain strong working relationships with our engineering and construction colleagues across the region in both our professional and academic networks, which allows us to attract excellent engineers with a strong understanding of regional transportation and infrastructure needs, as well as personal investment in the success of our clients' projects. We are also supported by our robust bench of highly qualified subconsultants with local staff available to successfully deliver a wide range of tasks on an evolving schedule.

We are ready to begin working on task orders under this on-call contract immediately upon contract award.

Financial Condition

DLCE is in stable financial condition and has no issues that would impede our delivery of services. DLCE has not sought bankruptcy protection in the last 10 years. In the 36 years the firm has been in business, we have no liens and have consistently maintained a sustainable business, enabling us to focus on client satisfaction and providing quality services. DLCE is proud to contribute to the municipal and transportation programs that are shaping the way Los Angeles residents live and interact within their community.

Experience Working with Our Team

As illustrated in Figure 1 below, we have worked alongside several members of our subconsultant team on projects for municipalities and agencies across Southern California, and our established working relationships will help ensure we can begin delivering value on the City's projects from the first task order.

Figure 1. *Teaming Experience with Subconsultants*

	Project	Description	Roles
Arellano Associates	**City of Los Angeles, Valley Boulevard Street Improvements, Los Angeles, CA**	This project includes improvements along Valley Boulevard in El Sereno to create a multimodal corridor while also providing new opportunities for green space and access to wrap-around health services at County Hospital.	◆ **DLCE:** Program/Construction Management, Civil Engineering, Design Oversight, Engineering Design, Third-Party Coordination ◆ **Arellano Associates:** Public Outreach
Conaway Geomatics	**LAWA Multiple Award Task Order Contract (MATOC) for Program Services, Los Angeles County, CA**	This contract includes services for $15 billion in capital improvements at LAX and Van Nuys airports, including airside, landside, and terminal work. LAX must remain operational for the Olympics, World Cup, and other major Los Angeles events throughout construction.	◆ **DLCE:** Program/Construction Management, Civil Engineering, Design Oversight, Engineering Design, Third-Party Coordination ◆ **Conaway:** Land Surveying
Gannett Fleming	**City of Inglewood, Inglewood Transit Connector, Inglewood, CA**	The Inglewood Transit Connector is a 1.6-mileautomated people mover (APM) mass transit line to close the last-mile gap and connect passengers between the Metro Crenshaw/LAX Line and Downtown Inglewood.	◆ **DLCE:** Project Management, Construction Management ◆ **Gannett Fleming:** Infrastructure Engineering, Design
	Los Angeles County Public Works, Architectural Professional Services On-Call, Los Angeles, CA	This contract involves the architectural design and management of municipal facilities projects such as recreational centers, cultural facilities, childcare-senior multi-purpose centers, tenant improvements, permanent supportive housing, temporary interim housing, and neighborhood constituent service centers.	◆ **DLCE and Gannett Fleming:** Design Management, Planning, Third-Party Coordination
	Metro, Southwestern Yard, Los Angeles, CA	This leading-edge facility includes a consolidated maintenance facility to serve multiple light-rail lines as part of the Crenshaw/LAX Transit Corridor project.	◆ **DLCE:** Design, Engineering, Civil Design ◆ **Gannett Fleming:** Design-Build Lead, Design, Construction Phase Support

Figure 1. *Teaming Experience with Subconsultants (continued)*

	Project	Description	Roles
Gannett Fleming	**Port of Long Beach, On-Call Design Services, Long Beach, CA**	This contract supports the POLB Engineering Design Division's delivery of the Harbor Department's $2 billion, 10-year capital improvement program and infrastructure maintenance program. Services included engineering services through all phases of project delivery from planning to construction to project closeout.	◆ **DLCE and Gannett Fleming:** Engineering Design, Planning, Utility Coordination, Preconstruction Support, Third-Party Coordination
V&A	**Metro, Eastside Transit Corridor Extension, Los Angeles, CA**	Metro conducted an ACE process for this light rail project. Two alternatives are being evaluated in this phase.	◆ **DLCE:** Civil Engineering, Track Design, Drainage, ADA Access, Street Improvements ◆ **V&A:** Roadway Design, Roadway Drainage Design, Station Civil Design, Park-and-Ride Civil Design, Traffic Engineering Design
	Port of Long Beach, Pier B, Long Beach, CA	The Port of Long Beach is proposing to reconfigure, expand and enhance the existing Pier B rail facility located along Anaheim Street and the 710 Freeway to support more efficient use of "on-dock" rail at the Port's shipping terminals, which will in turn ease roadway traffic congestion and improve air quality.	
	Metro, Exposition Phase 1 and 2, Los Angeles, CA	The scope of work included 14 miles of track as well as five at-grade stations and two aerial stations. The project team capitalized on the design-build delivery method to offer the best value to all stakeholders while also providing budget and schedule certainty.	
	Metro, Crenshaw/LAX Transit Corridor, Los Angeles, CA	The Crenshaw/LAX Transit Project is a 8.5-mile-long light rail project consisting of 1 mile of underground tunnel, as well as at-grade and cut-and-cover construction. It will serve the Crenshaw Boulevard corridor, South Los Angeles and Westchester communities along with LAX.	

Figure 1. *Teaming Experience with Subconsultants (continued)*

	Project	Description	Roles
WSP	**Metro, Westside Extension Advanced Concept Engineering, Los Angeles, CA**	This project supports Metro's "Subway to the Sea" that will connect Los Angeles's Wilshire district with the seaside city of Santa Monica as an extension of the Purple Line.	◆ **DLCE:** Civil Engineering, Track Design, Street Improvements, Utilities Coordination ◆ **WSP:** Draft Environmental Impact Statement, Environmental Impact Report, Advanced Conceptual Engineering
	Metro, Purple Line Extension Planning and General Engineering, Los Angeles, CA	This 9-mile, seven-station western extension of the Purple Line heavy rail subway extends from Wilshire and Western through downtown Beverly Hills and Century City to Westwood. The Purple Line Extension is one of LA Metro's priority projects to improve transit capacity, speed, dependability, and connectivity.	◆ **DLCE:** Civil Engineering, Track Design, Street Improvements, Utilities Coordination ◆ **WSP:** Alternatives Analysis, Preparation of Draft/Final EIR/EIS, Preliminary Engineering, Strategic Consulting on Federal Regulations, Financial Planning
	Metro, Westside Purple Line Extension Financial Planning, Sections 1, 2, and 3, Los Angeles, CA	This project involves construction of a 3.9-mile extension from Wilshire/Western to Wilshire/La Cienega, including three stations, as well as construction of a 2.6-mile extension from Wilshire/La Cienega to Century City, including two stations.	◆ **DLCE:** Civil Engineering, Track Design, Street Improvements, Utilities Coordination ◆ **WSP:** Planning/General Engineering Consulting, Financial Planning
	Exposition Metro Line Construction Authority, Exposition Phase 2 Design-Build, Los Angeles, CA	The scope of work included 14 miles of track as well as five at-grade stations and two aerial stations. The project team capitalized on the design-build delivery method to offer the best value to all stakeholders while also providing budget and schedule certainty.	◆ **DLCE:** Civil Engineering, Track Design, Street Improvements, Utilities Coordination ◆ **WSP:** Design-Build Lead, Design Management, Program Management

SECTION C

Proposed Staffing

C PROPOSED STAFFING

KEY PERSONNEL

As illustrated in the organizational chart on the following page, Principal-in-Charge/Contract Manager Borja Leon, PE, will serve as the primary point of contact for task orders delivered under this on-call contract. When a task order is assigned, he will work closely with the assigned task order manager to review the scope of work, develop the budget, and schedule and assign appropriate personnel from our service bench to deliver the task efficiently and safely. **Resumes for our key personnel begin on page R-1.**

UNIQUE VALUE TO THE CITY

Our team includes more than 50 highly qualified technical experts who are committed to supporting the City in the successful delivery of task orders under this on-call contract. We have featured four members of our team below.

Principal-in-Charge/Contract Manager Borja Leon, PE – DLCE

Borja brings experience working as Deputy Mayor and Policy Director of Transportation for the City of Los Angeles overseeing implementation of transportation policy initiatives, as well as five years of experience as a senior transportation engineer for Caltrans.

- Latino Angeleno with 24 years of local experience supporting under-served communities
- Established relationships with local municipalities and stakeholders coupled with two decades of experience
- Recent experience with City of Inglewood, City of Los Angeles and Metro in Gateway Cities area
- Oversees successful delivery DLCE services for on-call engineering and design contracts across region

Architecture Expert David Hidalgo – David Hidalgo Architects

David's approach is heavily influenced by his years studying Mexican Vernacular Spanish Colonial architecture. His team focuses on elevating and infusing the design of a community with cultural richness and authenticity to appeal to local demographics and newcomers alike.

- Graduate of Southern California Institute of Architecture and founder of Arcadia-based firm
- Experience delivering similar services on projects including Plaza Mexico in the City of Lynwood
- Successfully delivered the Whittier and Durfee Corridor renovations for the City of Pico Rivera
- More than 37 years of successful experience providing architectural services across the Los Angeles region

Preliminary Engineering/Planning Lead Kristin Carlson, AICP – WSP

Kristin has more than 19 years of experience including 11 years leading transportation and environmental planning efforts. Her background includes conducting transit planning and overseeing grant administration for transportation and federal funding.

- Extensive Los Angeles region experience
- Nearly 20 years of transportation design and planning
- Experience coordinating with City of Los Angeles
- Successful transportation and environmental planning and grant administration efforts on dozens of projects in Los Angeles region

Roadway/Geometry and Transit Design Lead Ryan Browne – DLCE

An experienced senior civil engineering professional, Ryan applies his civil design knowledge and project management experience during all phases of complex highway, local street and road, transit, and large infrastructure projects.

- Civil engineering degree from Cal Poly Pomona
- Strong roadway, civil, and transit design background with expertise in CAD and CADD software
- Broad experience managing design and planning with City of Los Angeles, Metro, Caltrans, and LAWA
- Successfully delivered design packages for civil design for LAWA Concourse 0 and other complex projects

Figure 2. *Organizational Chart*

Supporting Pico Rivera

Our team includes an advisory committee comprising key individuals who have worked directly with the City of Pico Rivera. Their role will be to provide historical and cultural context and serve as a sounding board for the community to help ensure our team's services align fully with the needs and goals of the City for this contract.

City of Pico Rivera Advisory Committee
David Hidalgo *(DH)*
Monica Villalobos *(VI)*
Edna Jimenez *(AA)*

Principal-in-Charge/ Project Manager
Borja Leon, PE

Technology, Innovation and Process Standards
Arellano Associates
D'Leon Consulting Engineers
WSP
Gannett Fleming

Task Order Manager
Julia Tung, EIT, LEED AP *(DL)*
Tess Nguyen *(DL)*

Grant Administration
Borja Leon, PE *(DL)*
Kristin Carlson, AICP *(WS)*
» *Bench Personnel: WSP*

Document Control
Estrella Mejia *(DL)*

Quality Assurance/Quality Control Lead
Alejandra Rey *(DL)*

Third Party/Caltrans Local Assistance Liaison
Paul Spiteri, EIT *(DL)*

Community Outreach
Edna Jimenez *(AA)*
Yvette Ximenez *(AA)*
Monica Villalobos *(VI)*
Perla Berry *(VI)*

Preliminary Engineering, Planning Studies, and Design

Preliminary Engineering/ Planning Studies
Julia Tung *(DL)*
Kristin Carlson, AICP *(WS)*
Melissa Brady, PE *(WS)*
Dhyana Quintanar Solares *(WS)*
Kristin Blackson *(WS)*
Gema Martinez Castillo *(VI)*

Roadway/Geometry
Ryan Browne *(DL)*
Lynn Pham *(DL)*
Minh Tran *(DL)*

Complete Streets/ Active Transportation
Miguel Núñez, AICP *(FP)*
Joe de la Garza, PE, CE *(WS)*

First/Last Mile
Monica Villalobos *(VI)*
Diwu Zhou, PE *(FP)*
Michael Kennedy, AICP *(FP)*

Traffic and Multimodal Operations
Gerzain Figueroa *(VA)*
Angel Gaytan *(VA)*
Claude Strayer, PE *(FP)*
Diwu Zhou, PE *(FP)*

Rail/Transit/Bus Rapid Transit Facilities
Ryan Browne *(DL)*
Werner Abrego *(DL)*
Aldair Sanchez *(DL)*
Mark Wood, PE *(GF)*
» *Bench Personnel: D'Leon, WSP*

Building Architecture
David Hidalgo, AIA, NCARB *(DH)*
Roberto Magdaleno *(DH)*
» *Bench Personnel: DHA*

Bridge/Civil Structures
Gary Vito Cavafian *(DL)*
Melad Hanna, PE *(WS)*
» *Bench Personnel: D'Leon, WSP*

ITS Elements
Gerzain Figueroa *(VA)*
Diwu Zhou, PE *(FP)*
Claude Strayer, PE *(FP)*

Hydraulics/Hydraulic Analysis
Juan Diaz-Carreras *(BV)*
David Haug *(BV)*

Drainage/Storm Drain
Juan Diaz-Carreras *(BV)*
Lee Portillo *(BV)*

CAD/BIM
Tim Groom *(DL)*
Ernie Bustamente *(WS)*

Geotechnical
Ethan Tsai, PE, GE *(WS)*
» *Bench Personnel: WSP*

Landscape/Streets Architecture, Parks, and Playgrounds
Martin Ramirez, AIA, NCARB *(GF)*
Yunsoo Kim, RLA, ASLA *(YK)*
Chuck Downs *(YK)*

Lighting
Luis Loera *(VA)*
» *Bench Personnel: V&A*

Electrical
Mandar Manjarekar, PE, PMP *(GF)*
Anibal Saenz *(GF)*
» *Bench Personnel: Gannett Fleming*

Environmental Studies and Documentation

Environmental Planning/ Studies
Melissa Logue *(ES)*
Christine Fukasawa *(ES)*
Kristin Blackson *(WS)*
Theresa Dickerson *(WS)*
» *Bench Personnel: ESA*

NEPA/CEQA
Brian Allee *(ES)*
Janelle Firoozi *(ES)*
Michael Kennedy, AICP *(FP)*

Permitting and Compliance
Paul Spiteri, EIT *(DL)*
Kenia Flores *(DL)*
» *Bench Personnel: ESA*

Utilities

Design
Selena Pham *(DL)*
Aldair Sanchez *(DL)*

Basemapping
Chris Rincon *(DL)*
Christopher Cervantes, LSIT *(CG)*

Prior Rights Expertise/ Utility Right-of-Way
Craig Wilson, PLS *(CG)*
Joey Mendoza *(MR)*
» *Bench Personnel: Monument ROW*

Right-of-Way Phase and Determination
Ariel Tejada *(DL)*
BJ Swanner *(MR)*
» *Bench Personnel: Monument ROW*

Surveys, Mapping and Field Reviews
Shannon K. Conaway, PLS *(CG)*
Craig Wilson, PLS *(CG)*
» *Bench Personnel: Conaway*

Pre-Construction Support

Bid Support
Gary Baker *(DL)*
Amir Panahi *(DL)*

Construction Phase Authorization
Amir Mirsiaghi, EIT *(DL)*
Terence Strong *(DL)*
» *Bench Personnel: D'Leon*

Legend

Key Personnel – Resumes included beginning page R-1

DL	D'Leon Consulting Engineers (DBE, SBE)	ES	Environmental Science Associates	VI	Vicus (SBE, DBE)
AA	Arellano Associates (DBE, SBE)	FP	Fehr & Peers	WS	WSP
BV	Black and Veatch	GF	Gannett Fleming	YK	Yunsoo Kim Designs (SBE, DBE)
CG	Conaway Geomatics (SBE, DVBE)	MR	Monument ROW (DBE, SBE, WBE)		
DH	David Hidalgo Architects	VA	V&A		

BORJA LEON, PE

Principal-in-Charge/Contract Manager

Years of Experience: 23

Education: BS, Civil Engineering

Registrations/Certifications: Professional Engineer: CA

Professional Affiliations: Society of Hispanic Professional Engineers • Society of Military Engineers • California State University Long Beach School of Engineering Dean Advisory Board • Caltrans District 12 Professional Liaison Council (PLC)

OVERVIEW

Borja brings more than 23 years of transportation infrastructure engineering and construction management experience that includes working for Caltrans and the City of Los Angeles. He has served in many Caltrans and local city roles including Transportation Civil Engineer, Structures Construction Representative, Resident Engineer, and Transportation Advisor. As Deputy Mayor of Los Angeles from 2005 to 2018, Borja was responsible for managing the City's transportation agenda for LADOT, Metro, Caltrans District 7 City projects, LAWA surface transportation projects and various LADPW bridge and highway projects. He was instrumental in the successful passing of Measure M, a $120 billion, 40-year funding source for all Los Angeles transit, highway, and transportation improvements.

Borja has worked for years to build bridges between his local community and his profession to foster diversity and equity in engineering and construction. He has served on the Dean Advisory Board for the College of Engineering at CalState Long Beach (CSULB) since 2018, helping lead recruiting efforts to draw young Angelenos — particularly those in under-served communities in the region — into the engineering and construction industry. He has also provided professional expertise and support to the CSULB's Beach Engineering Student Success Team (BESST) program, an engineering-based learning community that provides dedicated mentorship, tutoring, and scholarship opportunities to first-year students in the College of Engineering.

Borja is also working with the City of Pico Rivera to develop a paid engineering internship program for El Rancho Unified School District high school students. These internships will allow the local students to collaborate with CSULB College of Engineering students and faculty and work directly on projects in Pico Rivera.

> "Mr. Leon has an exceptional level of understanding and commitment to City projects. Borja effectively helped coordinate and deliver public works projects in the City."
>
> *— Gary Lee Moore, City Engineer, City of Los Angeles*

HIGHLIGHTS

- Established successful working relationships with City of Inglewood, City of Long Beach, Metro, Caltrans, and utility owners across the region
- Extensive experience overseeing and managing transportation infrastructure programs and projects throughout Los Angeles and Southern California

RELEVANT EXPERIENCE

CITY OF INGLEWOOD, INGLEWOOD TRANSIT CONNECTOR (ITC), INGLEWOOD, CA • SENIOR PROJECT MANAGER: The ITC will provide residents and visitors with a state-of-the-art transit connection to and from the Metro Crenshaw/LAX Line directly to one of the highest growing housing and employment centers in Los Angeles County, and home to new world-class sports and entertainment destinations. The new fully automated, elevated transit system will provide a direct and convenient transit connection to the City's new activity centers, close the critical last-mile gap to the countywide Metro Rail system, reduce vehicle miles traveled and greenhouse gas emissions, and improve air quality throughout the city and region. DLCE is providing staff for civil engineering support (utilities, roadway, station), third-party agreements, development design oversight and program management/construction management support. Aside from engineering and technical services, Borja also provides strategy consulting services for the project to help secure state and federal grants.

METRO, I-105 EXPRESSLANES, LOS ANGELES, CA • SENIOR PROJECT MANAGER: DLCE is part of the program management/construction management (PMCM) team for the I-105 ExpressLanes Project. DLCE provides civil engineering design oversight and third-party coordination including setting up meetings with cities and agencies, developing meeting minutes, scheduling and supporting all

technical discussions. The scope also includes working with right-of-way firms, in collaboration with the cities along the corridor, to minimize encroachment and right-of-way impacts.

METRO, SEPULVEDA TRANSIT CORRIDOR, LOS ANGELES, CA • SENIOR PROJECT MANAGER: This $12 billion project is a 15-mile rail system with nine stations, navigating the Santa Monica mountains to connect transit passengers in the San Fernando Valley and the Westside. Currently in the environmental review and advanced conceptual engineering (ACE) stages, Metro is weighing six alternatives, five aerial and one underground. Borja is managing and guiding the engineering team in utility relocation and design, roadway design, TPSS site design, ACE planning, and coordination with stakeholders and support on the approval processes, including the LADWP.

LAWA, ROADWAYS UTILITIES AND ENABLING (RUE), LOS ANGELES, CA • SENIOR PROJECT MANAGER: The RUE project focuses on restoring and constructing roadways and utilities infrastructure that will enable ongoing and future work within LAWA's Landside Access Modernization Program (LAMP), which includes high-priority projects that will support the Automated People Mover project, the Consolidated Rent-A-Car Facility and Intermodal Transportation Facility-West. Borja oversees the design and constructability efforts for major domestic and fire water lines at LAX's Central Terminal Area (CTA). Borja and his team have also provided special technical advice to LAWA and the contractor on the unique Earthquake Resistance Ductile Iron Pipe (ERDIP) technology.

COUNTY OF SANTA BARBARA/CALTRANS, BONITA BRIDGE REPLACEMENT PROJECT, SANTA BARBARA, CA • SENIOR PROJECT MANAGER: The project scope is to replace existing bridge structure and road fill embankment. It is a 2,000-foot-long roadway fill embankment on the South end of the crossing with a 323-foot-long bridge constructed of railroad flatcars on the North end of the crossing. The bridge has been significantly deteriorating since opening in 2002. Borja oversees the utility design and coordination, as well as utility agreements and final plans.

METRO, EASTSIDE PHASE 2 LIGHT RAIL EXTENSION. LOS ANGELES, CA • PRINCIPAL IN CHARGE: The Metro Eastside Transit Corridor Phase 2 Project proposes to extend the existing Metro Gold Line Light Rail further east from its current terminus at Pomona Boulevard and Atlantic Boulevard in East Los Angeles to South El Monte via State Route 60 (SR-60) and/or to the City of Whittier along Washington Boulevard. Borja oversees DLCE's delivery of services including project management for all utility design and third-party coordination with utility agencies.

DAVID HIDALGO, AIA, NCARB

Building Architecture, Advisory Committee

Firm: David Hidalgo Architects

Years of Experience: 37

Education: BS, Architecture

Registrations/Certifications: Licensed Architect: CA and 21 other states • American Institute of Architects (AIA) • National Council of Architectural Registration Boards (NCARB)

OVERVIEW

David is a Latino second-generation architect with a degree in architecture from Southern California Institute of Architecture (SCI-Arc), under the direction of Ray Kapp, Eric Moss, and others. Through SCI-Arc's initiatives on study abroad programs, he studied archaeology and architecture in Oaxaca, Mexico at the Benito Juárez Autonomous University of Oaxaca (UABJO) in 1982.

The beginnings of his professional Hispanic cultural movement date back to 2001, when he worked closely with archaeologist Luis Felipe Nieto Gamino from San Miguél de Allende, Guanajuato, México, and traveled extensively to Mexican regions, documenting their architecture and studying the full potential of Mexican vernacular Spanish colonial architecture and how to best integrate it in the creation of social spaces and retail destinations, such as single-family and custom homes, restaurants, worship spaces, plazas, mercados, and more. His team's Hispanic, culturally-rich background, heritage, and local studies come through in his firm's architectural work — they evaluate the vernacular architecture of a given region or program and infuse it with cultural richness and authenticity to broaden its appeal to the local demographics and newcomers alike, regardless of their cultural background.

HIGHLIGHTS

- Extensive experience designing architectural plans inspired by Mexican architectural and cultural principles and motifs
- Has worked with the City of Pico Rivera delivering similar scopes of work

RELEVANT EXPERIENCE

CITY OF PICO RIVERA, WHITTIER AND DURFEE CORRIDOR, PICO RIVERA, CA • ARCHITECT: DHA is providing commercial facade renovations and site improvements on multiple municipal buildings as part of the City of Pico Rivera's Whittier and Durfee Corridor project. DHA has delivered services — including site documentation, facade enhancement design, paseo/alleyway conceptual design, parking lot hardscape/landscape design, architectural theme guideline development, and materials specification development — for 37 buildings:

- 3,600 feet existing buildings facades, including rear facades along Whittier Boulevard and Durfee Avenue
- 4,500 feet of street frontage including the alley/paseo
- 350 feet of railroad underpass walls frontage
- Preliminary schematic design theme sketches for site improvements for the Speedway Alley and the alley/paseo between Deland Avenue and Durfee Avenue to be further developed in the next phase of the project

CITY OF LONG BEACH, PROMENADE NORTH AT CITY PLACE • ARCHITECT: Promenade North at City Place aims to create an experience for the communities of Long Beach and greater Los Angeles by forming an environment for the public to congregate, to enjoy their surroundings, and to feel a true sense of community. City Place covers six city blocks with five access points. Currently, these access points are underutilized and not distinguishable. While 5th and Waite Court has the most energetic area (adjacent to the current Walmart store}, the goal of Promenade North is to energize the remaining underutilized access points to not only bring people in but also create points of interest for the surrounding community. DHA provided the following services:

- Existing site documentation/study
- Design concepts (points of interest/under-utilized areas to be focused on)
- Project rebranding/architectural theme design
- Preparation of proposed site plan
- Architectural design (styles, features, façade designs, before and after perspective views, before and after photograph sketches, and details/paint color design schemes)
- Proposed new marketplace schematic design
- Landscape/hardscape design

MONICA VILLALOBOS

Advisory Committee, Community Outreach, First/Last Mile

Firm: Vicus

Years of Experience: 20

Education: PhD (ABD), City and Regional Planning • MRP, City and Regional Planning • BS, Community and Regional Development

Professional Affiliations: Rail~Volution, National Steering Committee • American Planning Association, Chair, National Latinos and Planning Division

OVERVIEW

Monica's unique experience includes work at the intersection of transportation, station planning, land use, environmental justice and award-winning community engagement strategies. With 20 years of experience, she has a proven record as a seasoned technical expert and public engagement strategist on a variety of large-scale multidisciplinary transportation planning and policy projects. She has worked closely with key decision makers, community groups, stakeholders, elected officials, and the public. Monica has successfully led multiple transportation projects for Metro during various stages of planning, design, and construction. Currently at Vicus, Monica oversees construction support services on the Metro Rail-to-River Active Transportation Plan. Prior to joining VICUS, she supported Metro construction for the Regional Connector LRT and Crenshaw LAX, where she oversaw environmental mitigation and monitoring in compliance with Metro's Sustainability program.

HIGHLIGHTS

- Proficient in Spanish and English
- Former City Planning Commissioner with the City of Pico Rivera
- Extensive municipal and transportation agency experience throughout Los Angeles region

RELEVANT EXPERIENCE

METRO, RAIL-TO-RAIL CONSTRUCTION MANAGEMENT SUPPORT SERVICES, LOS ANGELES, CALIFORNIA • COMMUNITY OUTREACH LEAD: Metro is constructing their first active transportation corridor connecting two rail lines from Inglewood to South LA. Vicus is helping with business and community resident outreach for the duration of construction of the multi-use path. Further, Monica is responsible for coordinating with Metro, the contractor and community relations staff.

METRO, EASTSIDE PHASE 2 ADVANCED CONCEPTUAL ENGINEERING, TRANSIT-ORIENTED COMMUNITY (TOC) AND FIRST/LAST MILE (FLM) ASSESSMENT, LOS ANGELES, CA • FIRST/LAST MILE PLANNING LEAD: The Metro Gold Line Eastside Extension Phase 2 LRT project is currently in the Draft EIR/EIS and Advanced Conceptual Engineering development process. Responsible for conducting the TOC and FLM assessment for stations along the proposed alignments including an evaluation of accessibility, land use, economic development and equity. The methodology included conducting station area site visits, analyzing quantitative and qualitative data analysis, coordination with FLM and TOC agency staff, urban designers, city staff and stakeholders.

METRO, C LINE (GREEN LINE) EXTENSION TO TORRANCE DRAFT EIR/ACE, LOS ANGELES, CA • COMMUNITY INTEGRATION LEAD: Monica is responsible for overseeing TOC, urban design, FLM, and coordination with the outreach contractor during the re-initiation of the Draft EIR for the C Line Extension. The project involves analysis of light rail alternatives connecting the existing Metro Green Line project terminus in Redondo Beach to a possible connection in the City of Torrance. Previously led development of the administrative Draft EIS/EIR sections and technical reports, as well as coordination with federal, state and local agencies.

METRO, CRENSHAW-NORTH EXTENSION-DRAFT EIR/ACE, LOS ANGELES, CA • EIR/ACE TASK LEAD: Draft EIR and Advanced Conceptual Engineering for the Crenshaw Northern Extension (CNE) project connecting the Crenshaw-LAX Project to the Metro Purple Line on Wilshire Boulevard and the Metro Red Line in Hollywood. Vicus is responsible for the delivery of Urban Design, TOC and FLM analysis for 14 proposed station areas. Monica serves as the task lead on the project. She oversees TOC mapping of potential stations areas, demographic analysis, and mapping of JD and TOC opportunities. She leads coordination with engineers, architects, Metro, city agencies and the public.

METRO, TOC IMPLEMENTATION PLAN, LOS ANGELES, CA • TOC/FLM PLANNING LEAD: As part of the Metro Long Range Transportation Plan, the TOC Implementation Plan establishes guidance and performance measures for the implementation of Metro's TOC

policy. Monica provided strategy and input on TOC, FLM, and equity measures and best practices. She participated in a stakeholder working group meetings with partner agencies and community-based organizations. Vicus developed technical material for the TOC framework and Implementation Plan and facilitated working group meetings with more than 20 CBOs and agency partners.

METRO, TRAFFIC REDUCTION STUDY (TRS), LOS ANGELES, CA • EQUITY TASK LEAD: Metro is evaluating viable alternatives for development of a pilot congestion pricing project. Vicus serves as the equity task lead, overseeing both technical analysis and an outreach program for stakeholder engagement. Vicus is developing a cutting-edge program to comprehensibly evaluate equity in line with Metro policies. The evaluation will focus on potential benefits and burdens on vulnerable population groups, identification of performance measures and recommended policies to address equity. Vicus has been instrumental in the development of an inclusive and diverse equity outreach program involving public outreach meetings, focus groups, and CBO and stakeholder engagement. Monica serves as the equity task lead working directly with Metro and key stakeholders.

ADDITIONAL EXPERIENCE

- Metro Gold Line Foothill Extension Construction Authority, Metro Gold Line Foothill Extension 2B Azusa to Montclair – Engineering, CEQA/NEPA Support, Los Angeles, California
- Metro, Crenshaw/LAX Transit Corridor Project – Final Design/Construction, Los Angeles, California
- Metro, Regional Connector Transit Corridor-DEIR/S, Advanced Conceptual Engineering, Los Angeles, California
- California High-Speed Rail Authority, California High-Speed Rail, Sacramento to Merced Section – Project Level Environmental Analysis (NEPA/CEQA), California

EDNA JIMENEZ

Advisory Committee, Community Outreach

Firm: Arellano Associates

Years of Experience: 11

Education: BS, Urban and Regional Planning

Areas of Expertise: Project Management & Strategic Planning • CEQA/NEPA • Urban & Regional Planning • Rail Transit • Active Transportation • First/Last Mile and Transit-Oriented Corridors • Managed Lanes (HOV, Express Lanes, Toll) • Construction • Equity Focused Outreach • Online Engagement/ Social Media Tools • Youth Safety Campaign • Database Management • Public Event Planning and Presentations • Bilingual: Spanish

OVERVIEW

Edna Jimenez has played a key role in many transportation, planning, environmental, and construction projects as Deputy Project Manager at Arellano Associates (AA). She focuses on strategic communication, message development, inter-agency relations, marketing, event coordination and implementation, database management, and project organization. As a natural leader, Edna excels at building relationships with various stakeholders and has successfully developed strategic outreach plans that focus on serving diverse groups. Additionally, Edna has served as project manager on efforts and developed engagement plans that focus on digital outreach and innovative tools to support client needs and increase opportunities for enhanced community engagement.

Edna continues to be instrumental in leading the development of an equitable approach for several clients, including the use of hybrid options for engagement. Some of the technical tools she has utilized for virtual meetings are ArcGIS online interactive maps, ESRI StoryMaps, Social Pinpoint, MetroQuest, online surveys, polls, MiroBoard, and Jamboard. Edna is a fluent Spanish speaker and is proficient in reading and writing the Spanish language.

HIGHLIGHTS

- Led multiple community outreach campaigns for City of Pico Rivera projects
- Bilingual in Spanish and English

RELEVANT EXPERIENCE

CITY OF PICO RIVERA, TELEGRAPH ROAD OVER SAN GABRIEL RIVER BRIDGE, PICO RIVERA, CA • COMMUNITY OUTREACH PROJECT MANAGER: The City of Pico Rivera, in partnership with City of Downey and City of Santa Fe Springs, is seeking to replace the San Gabriel Bridge over Telegraph Road to increase safety. The City of Pico Rivera is leading efforts and received grants to update the bridge due to increased traffic while improving the bridge to meet current standards. Edna serves as Project Manager and oversees all messaging and communication with all the three cities. She supervises the development of an outreach program to reach key stakeholders, provides support to various presentations to elected officials and key groups, and conducts public meetings and notification. Edna monitors current stakeholder database management and will continue to manage all day-to-day operations and communications for this effort.

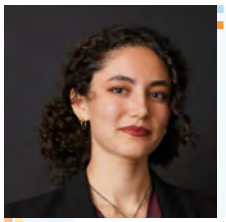
CITY OF PICO RIVERA, WASHINGTON BLVD OVER RIO HONDO CHANNEL, PICO RIVERA, CA • COMMUNITY OUTREACH PROJECT MANAGER: The City of Pico Rivera is seeking to replace the Washington Blvd bridge over Rio Hondo Channel to increase safety. The bridge will be a six-lane bridge with median barriers, sidewalks, and bicycle lanes in all directions that will extend as part of future street improvement projects along Washington Blvd. AA will provide outreach services and develop a comprehensive outreach program that targets reaching out to key stakeholders and the community, including under-served and Limited English Proficient communities. Edna serves as Project Manager and oversees all messaging and communications with the City and stakeholders. She will supervise the creation of a stakeholder database, branding and collateral development, and website support. Edna will lead the strategic planning to reach key stakeholders, provide support to various presentations for elected officials and key groups, and conduct public meetings and notification.

METRO, EASTSIDE TRANSIT CORRIDOR PHASE 2 (ALTERNATIVE ANALYSIS/DRAFT EIS/EIR/ADVANCED CONCEPTUAL ENGINEERING PHASE), LOS ANGELES COUNTY – GATEWAY CITIES AND SAN GABRIEL VALLEY REGIONS, CA • DEPUTY PROJECT MANAGER – COMMUNITY OUTREACH: Edna serves as the Deputy Project Manager providing outreach services on this major transportation connection through the communities

of Commerce, Montebello, Pico Rivera, Santa Fe Springs, Whittier, and the unincorporated portions of Los Angeles County, including East Los Angeles and Los Nietos. The outreach program also offered outreach services to several San Gabriel Valley communities (Monterey Park, Rosemead, South El Monte) prior to the Metro Board action that removed the SR-60 corridor alternative from further consideration. Through the re-initiated environmental process, Edna has provided strategic outreach to specific stakeholders, including education institutions, businesses associations, key community leaders and CBOs. Due to the recent COVID-19 pandemic, Edna has been a key support in the planning and implementation of a hybrid approach with innovative approaches for virtual outreach with in-person options for those with limited access to the internet, including rail tours that were originally envisioned as in-person activities. Edna is also supporting the CBO Partnership, a pilot program that seeks partnerships with leading and representative CBO to help shape the development and implementation of outreach strategies. Due to the project location, Edna's Spanish capabilities have proven to be a valuable asset and has allowed for increased outreach to local communities.

CITY OF PICO RIVERA, BEVERLY CROSSING PROJECT, PICO RIVERA, CA • **SENIOR PROJECT COORDINATOR – PUBLIC OUTREACH:** Pico Rivera Development LLC proposed a development project at the vacant lot on the corner of Rosemead Boulevard and Beverly Boulevard. The project is a state-of-the-art commercial retail space featuring approximately 52,070 square feet of neighborhood retail spaces. Edna served as a Senior Project Coordinator and implemented a comprehensive public participation plan to ensure project awareness. She led the preparation of collateral materials and conducted one-on-one stakeholder briefings with local business owners and residents. Edna also developed a comprehensive plan for a community open house style meeting while overseeing the notification efforts. She provided support through the COVID-19 era with a virtual public meeting and key support at project briefings.

COUNTY OF LOS ANGELES, ROSEMEAD BOULEVARD COMPLETE STREETS IMPROVEMENT PROJECTS, ROSEMEAD, CA • **OUTREACH COORDINATOR:** The County of Los Angeles is working to enhance access for pedestrians, cyclists, and transit along 2.6-miles of Rosemead Boulevard between Rush Street in South El Monte to Gallatin Road in the City of Pico Rivera and the Whittier Narrows Recreation area. Edna served as a Project Coordinator and provided support in the development of a database, collateral materials, and helpline set-up. Edna also provided support in the development of survey tools, including Typeform and MetroQuest, and distribution at community events. She also facilitated community meetings and focus groups.



JULIA TUNG, EIT, LEED AP

Task Order Manager

Firm: D'Leon Consulting Engineers

Years of Experience: 6

Education: BS, Civil Engineering

Registrations/Certifications: EIT: CA • LEED AP • ASCE Member

OVERVIEW

Julia Tung is a highly competent task order/project manager with a diverse repertoire of projects across public infrastructure and private residential sectors, throughout Southern California. She has managed engineering teams for City of Inglewood, LA Metro, and LAWA, from planning through construction, and is deeply familiar with each agency's standards. She has substantial experience collaborating across project disciplines, delivering utilities, track/rail, stations, and street improvements programs for traditional and alternative delivery projects.

Julia's career encompasses project leadership positions across a diverse set of industries, informing her adaptive and innovative approach to project management. Whether allocating resources across new and pipeline projects, leading the production of engineering deliverables, or collaborating with staff, client, and community stakeholders to develop a values-aligned internship program, Julia demonstrates her unique ability to coordinate between the left and right brain.

Julia takes a radical approach to communication which has proven highly successful in issue resolution and stakeholder consensus-building. She is especially experienced with managing remote/hybrid teams and utilizes a proven, balanced suite of digital tools to streamline communication and ensure quality.

HIGHLIGHTS

- Engineering and management experience on over $25 billion of public infrastructure projects in the past five years
- Current knowledge of SoCal regulatory agency processes/standards and ongoing engagement with local stakeholders including utilities, municipalities, and community groups
- DLCE Project Manager for the Inglewood Transit Connector Project since 2021, collaborating directly with the City to deliver utility agreements, advanced relocations, FTA-compliant reports, and procurement documentation

RELEVANT EXPERIENCE

CITY OF INGLEWOOD, INGLEWOOD TRANSIT CONNECTOR, INGLEWOOD, CA • PROJECT MANAGER: Julia is leading utilities work for the ITC project and has orchestrated efforts in utility base-mapping and outreach, third-party agreements, utility corridor planning (composite utilities), and Advanced Relocations for this $2 billion P3, DBFOM project. She coordinates directly with the City of Inglewood Public Works Department and private utilities (including SCE, SCG, LACSD, LACFCD, and telecoms) to ensure designs represent the best alternative for the owner, stakeholders, and project.

Over the past three years, Julia and her team have developed Composite Utility Plans, Advanced Relocation Plans, and a full-suite of coordination-focused exhibits. She has led utility contributions to various FTA-compliant procurement documents including basis of design, performance specifications, and third-party coordination memoranda and exhibits. She advocates for the City in responding to RFCs and addressing developer concerns related to utility standards, progress, and risks.

Julia's out-of-the-box thinking has been an asset to the ITC project. She was instrumental in the ideation, development, and onboarding of a utility corridor manager position, which was implemented in 2022, and has been highly successful in mitigating risk associated with utilities on this alternative delivery project. Julia and the utility coordination manager collaborate with the City regularly to ensure that critical non-project utility developments in this growing city are able to progress without threatening the feasibility or delivery cost of the ITC project.

Project Success: Under Julia's leadership, the DLCE team was able to progress roughly 4000 feet of 12-inch and 24-inch water mainline relocation from 15% Conceptual Design to Approved for Construction in less than four months. Furthermore, when the City opted to add an additional 2,000 feet of pipe to the relocation package after RFB release, Julia and her team were

able to efficiently modify the plans and procurement documents to ensure the contract was awarded on time.

METRO, SEPULVEDA TRANSIT CORRIDOR, LOS ANGELES, CA • PROJECT MANAGER/QA/QC MANAGER: Julia leads Utilities work for the STC project as part of pre-development (PDA) phases 1 through 4. She developed Utilities portions of the feasibility study, basis of design, and is currently managing a team for continued design development under the DEIR. Under Julia's leadership, the DLCE team has performed field investigations and completed utility base-mapping for the entire 16-mile project corridor. Julia's team developed the project utility conflict matrix and composite utility plans.

Julia has additionally performed power assessments for the future rail operations, allowing for early identification of risk associated with infrastructure enabling efforts. She additionally contributes to street improvements, station, and traction power substation (TPSS) site design.

Project Success: As QA/QC manager, Julia ensures that all DLCE deliverables, across utilities, TPSS, and street improvements are accurate and meet the quality standards of Metro. She works directly with the PMO, verifying all DLCE products follow procedure for review markups, file management, and revision documentation.

METRO, LA RIVER BIKE PATH, LOS ANGELES, CA • CIVIL ENGINEER/LADWP SPECIAL COORDINATOR: Julia was responsible for early utility efforts, working with the DLCE team to complete utility base-mapping for the entire project corridor. She contributed heavily to the development of composite utility plans and matrix for the CE and ACE phases.

Project Success: Of particular risk to the LA River Bike Path project is the prevalence of LADWP transmission tower facilities throughout the corridor. Julia was instrumental in proactive negotiations with LADWP to avoid fatal-flaw design elements. She led the DLCE team in developing innovative analysis tools and specialized technical exhibits that streamlined design changes and coordination efforts. Julia's contributions resulted in unprecedented input from LADWP for projects of comparable completion.

TESS NGUYEN

Task Order Manager

Firm: D'Leon Consulting Engineers
Years of Experience: 12
Education: BS, Business Administration

OVERVIEW

Tess Nguyen is an experienced task order/ operations manager with a holistic skill set ranging from business development to quality/document control, staff management, billing, reporting, and day-to-day operations management.

Tess comes from a diverse professional background with over 12 years of experience across retail, health care, and civil engineering industries. She has worked with clients including the City of Los Angeles, LA Metro, LAWA, Caltrans, and more. Her expertise is broad-reaching, and she has an aptitude for innovation and process improvement.

Tess is an exceptional communicator with a commitment to quality, known for her ability to facilitate cross-functional understanding, resolve issues, and keep teams on schedule and in budget. Tess's competence across administrative/ management disciplines, from project invoicing and corporate finance to resource allocation, alongside her local client experience and innovative nature make her an exceptional manager for any project team.

HIGHLIGHTS

- Skilled in maximizing budgets through the approval process and managing project progress from start to finish, maintaining timeliness and ensuring financial welfare
- Bilingual: Vietnamese and English

RELEVANT EXPERIENCE

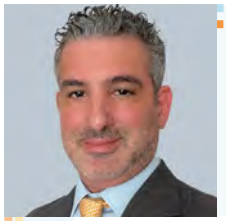
D'LEON CONSULTING ENGINEERS, LONG BEACH, CA • OPERATIONS MANAGER/TASK ORDER MANAGER: Tess supervises the DLCE administration team, completing client requests for proposals, invoicing, payroll, accounts payable, payment collections, response to agency audits. Tess resolves day-to-day issues timely and effectively, with consideration for the coordination complexities of public-sector infrastructure mega-projects. Tess reviews vendor contracts and reconciles invoices and expense reimbursements. Tess utilizes her talent for consensus-building, serving as a liaison for contract agreements and billing.

Tess monitors employee assignments and billable hours, ensuring all projects active, and in the pipeline are appropriately staffed. Tess plays a critical role in resource allocation and administrative logistics, ensuring client satisfaction throughout the project life cycle. Tess' team manages and tracks subconsultants and internal headcount budget allocation for each DLCE project, preparing and submitting 20+ client invoices monthly. Tess' role is critical in ensuring revenue recognition, timely cash collection, and prompt payment for subconsultants.

Tess budgets and analyzes financial reports to drive organizational development, regularly presenting optimization strategies to leadership. She tracks the performance of all projects to ensure all jobs are delivered on-time, in-budget, and fall within DLCE's projected profit margin.

Operational Success: Tess implemented a new payroll processing system resulting in substantially increased efficiency and accuracy. Tess additionally implemented a company-wide retirement program, increasing employee satisfaction and improving alignment between corporate policy and values.

KAISER PERMANENTE HOSPITALS, LOS ANGELES, CA • UNIT MANAGER/SUPERVISOR: Tess supervised the comprehensive operation of a 100+ staff department. She was responsible for staff resource allocation, schedule, budget & payroll, ensuring timely and medically accurate patient service, and inventory & production levels. Tess additionally played a critical role in facilitating positive department culture. She was responsible for setting staff expectations, inducing staff involvement in teamwork and safety, and providing individualized coaching. Tess managed day-to-day operations in a high-pressure environment, providing leadership and development support to staff, and performing service recovery as necessary. She was responsible for onboarding, coordinating, and conducting employee development programs, and establishing performance standards and service criteria. Tess facilitated collaborative workshops with union representatives and staff to enhance future service and workplace experience.



PAUL SPITERI, EIT

Third Party/Caltrans Local Assistance Liaison, Permitting and Compliance

Firm: D'Leon Consulting Engineers

Years of Experience: 17

Education: BS, Civil Engineering

Registrations/Certifications: EIT: CA • 10-Hour OSHA Construction Safety

OVERVIEW

Paul is a seasoned civil engineer with over 17 years of experience in design, preconstruction and alternative delivery experience in public and private projects with budgets of up to $5 billion. He specializes in working with Los Angeles Metro projects, Caltrans, the City of Los Angeles, and especially the Los Angeles World Airports. Paul has a strong background in mitigating risks, and effectively communicates and work closely public agencies in Southern California, including airport stakeholders. His engineering experience is related to the delivery of complex infrastructure transportation projects in Los Angeles via accelerated delivery schedules. He values performance, ethics, value, quality of work, and adaptability to new project challenges.

HIGHLIGHTS

- Extensive third-party and stakeholder coordination experience throughout Los Angeles region
- Familiar with local utility owners and public agencies
- Strong understanding of Local Assistance requirements and regional permitting agencies and procedures

RELEVANT EXPERIENCE

METRO, I-105 EXPRESSLANES PMSS SUPPORT SERVICES, LOS ANGELES, CA • THIRD-PARTY/AGENCY COORDINATOR: DLCE is part of the program management/ construction management (PMCM) team for the I-105 ExpressLanes Project. Part of DLCE's duties is providing document control and administrative support services. This includes scheduling, communications among all consultants, working closely with Metro on administrative tasks and contractual agreements. Paul participates as the third-party coordinator with cities and local agencies for preconstruction activities, design approvals and permitting.

METRO, SEPULVEDA TRANSIT CORRIDOR, LOS ANGELES, CA • SENIOR CIVIL ENGINEER: Metro has a plan to make it easier to get around by creating better transit options between the San Fernando Valley and the Westside. The natural barrier created by the Santa Monica Mountains makes traveling between the Valley and the Westside challenging — and will require innovation and multiple solutions. Metro is working to evaluate alternatives for a high-quality, reliable transit service option connecting the San Fernando Valley and the Westside. The build alternative is a heavy rail transit (HRT) in the Sepulveda Transit Corridor Feasibility Study with the southerly station at the existing Bundy/E Line transit station. In the Valley, the alignment runs generally along Van Nuys Boulevard with stations at Metrolink and G Line stations. A maintenance and storage facility will be located north of the Metrolink line. Paul performs utility relocation and design, roadway design, coordination with stakeholders and support on the approval processes, including the LADWP. He also assesses numerous power sources along the entire 10-mile corridor and oversees plan production for the ACE plans.

CITY OF INGLEWOOD, INGLEWOOD TRANSIT CONNECTOR (ITC) PROJECT, INGLEWOOD, CA • SENIOR PROJECT ENGINEER/THIRD-PARTY COORDINATOR: The Inglewood Transit Connector will be a 1.6-mile, fully elevated, automated, fixed guideway transit system with three stations that will complete critical first/last mile connections between the Los Angeles Metro Crenshaw/LAX Line and key sporting events. This is a public-private-partnership which will be delivered using a design-build-operate-finance-maintain model. Paul is working on identifying all utility lines along multiple roads through the project alignment, coordinating with utility companies on conceptual designs along the corridor. He provides design oversight and advisory support on utility development

METRO, LA RIVER BIKE PATH, LOS ANGELES, CA • THIRD-PARTY/AGENCY COORDINATOR: The River Bike Path is a $365 million dollars project that will create new bicycle and pedestrian path along an approximately eight-mile stretch of the Los Angeles River from Elysian Valley through Downtown Los Angeles to the City of Maywood. This project will close the longest remaining continuous gap in the LA River Path and create a path that will serve the existing communities there today, as well as look forward to

and serve future needs. Paul is working to identify utilities, preliminary engineering, storm drain, and wastewater. He is also leading development of the utility design drawings including 30% to 65% design, working with the LADWP among other City of Los Angeles departments.

LAWA, CONCOURSE 0 PROGRAM, LOS ANGELES, CA • SENIOR PROJECT ENGINEER: Part of the Airfield and Terminal Modernization Project at LAX, the Concourse 0 is an extension attached to Terminal 1. The project will add a gate space where it's needed and improve the traveler experience. This is a $6 billion dollar expansion plan that would allow the busy airport to catch up with passenger growth and prepare it for the 2028 Olympic Games. Paul is working with the D'Leon team to deliver the 30% and 60% design packages for the landside civil design elements.

LAWA, LANDSIDE ACCESS MODERNIZATION PROGRAM, LOS ANGELES, CA • SENIOR PROJECT ENGINEER: Paul helps lead the program management teams in the development of Consolidated Rental Car Facility (CONRAC), the Automated People Mover Project and Intermodal Transportation Facility (ITF). He is leading all the third-party coordination efforts together with LAWA and the City of Los Angeles public works departments. He is intimately familiar with the City of Los Angeles departments and bureaus including Bureau of Engineering, Los Angeles Department of Transportation, Department of Water and Power and other Public Works Departments. He also has deep relationships with key City staff members. Construction budget: $5 Billion; Project delivery: Public-Private-Partnership

METRO WESTSIDE SUBWAY EXTENSION, SECTION 1, LOS ANGELES, CA • SENIOR PROJECT ENGINEER: Paul served as the Deputy Design Manager and Senior Third-Party Coordinator for the Metro Westside Subway Extension design-build extension project. He helped lead all the third-party coordination efforts together with the contractor (Skanska) and the City of Los Angeles public works and transportation departments. He understands permitting and design approval processes extremely well and is known among City of Los Angeles staff.

METRO, CRENSHAW/LAX TRANSIT LIGHT RAIL PROJECT, LOS ANGELES, CA • SENIOR CIVIL ENGINEER: Paul was the dedicated Senior Design Civil and Utility Disciplines Coordinator for the Metro Crenshaw/LAX project light rail project. Paul worked closely with the City of Los Angeles public works and transportation departments for design approvals and overall coordination.

SIXTH ST VIADUCT REPLACEMENT - CMGC PROJECT, LOS ANGELES, CA • SENIOR CIVIL ENGINEER: Paul helped lead the design, third-party, civil, and utility Disciplines coordination for the Sixth Street Bridge Viaduct Replacement Project. This included working closely with city department representatives and consultants.

METRO, WESTSIDE SUBWAY EXTENSION, PRELIMINARY ENGINEERING, LOS ANGELES, CA • SENIOR CIVIL ENGINEER: Paul served as the project design and third-party coordinator focusing on all civil and utility disciplines. This was the Preliminary Engineering Design Phase of the project where he worked closely with the City of Los Angeles public works and transportation departments.

METRO, SR-710 NORTH GAP - ALTERNATIVE ANALYSIS, PASADENA, CA • CIVIL ENGINEER: Paul served as the Project Engineer focusing on the design of the civil and utility disciplines for the I-710 North Gap Project. This was the Alternative Analysis phase of the project.

LAWA/METRO AIRPORT CONNECTOR, LOS ANGELES, CA • CIVIL ENGINEER: Paul served as the Project Engineer focusing on the design of the civil and utility disciplines for the Metro Airport Connector Project. Paul worked closely with Metro planning and engineering management in the design of various transit connections to LAX.

RYAN BROWNE

Roadway/Geometry, Rail/ Transit/BRT

Firm: D'Leon Consulting Engineers
Years of Experience: 23
Education: BS, Civil Engineering

OVERVIEW

Ryan is a seasoned senior civil engineering professional with more than 23 years of engineering project management and design experience. He applies his civil design knowledge and project management experience during all phases of complex highway, local street and road, transit and large infrastructure projects. He has provided design and engineering support to highway and roadway projects, utilities design, and coordination with Caltrans, Metro, and LAWA, along with many other stakeholders. Ryan has experience providing design review and management, engineering oversight, utility design, highway engineering and quality control facilitation of geotechnical, grading, and stormwater management. He has prepared cost estimates, schedules, budgets, plans, reports and documentation packages for major public works projects

HIGHLIGHTS

- Extensive Metro, Caltrans, and land development experience
- CADD software expert skilled at setup, training, and troubleshooting
- Expert at creating 3D models for major transportation projects
- Well-versed in many areas of civil engineering including transportation, drainage and light/ heavy rail

RELEVANT EXPERIENCE

METRO, SEPULVEDA TRANSIT CORRIDOR, LOS ANGELES, CA • ENGINEERING MANAGER: This $12 billion project is a 15-mile rail system with nine stations. Metro is considering six alternatives. Ryan is leading utility relocation and design, roadway design, and coordination with stakeholders and support on the approval processes, including the LADWP. He also assesses numerous power sources along the entire 10-mile corridor and oversees plan production for the ACE plans.

LAWA, CONCOURSE 0 PROGRAM, LOS ANGELES, CA • ENGINEERING MANAGER: Part of the Airfield and Terminal Modernization Project (ATMP) at LAX, the Concourse 0 is an extension attached to Terminal 1. The project will add a gate space and improve the traveler experience. This is a $6 billion expansion plan that would allow the busy airport to catch up with passenger growth and prepare it fort he 2028 Olympic Games. Ryan is leading DLCE in delivering the 30% and 60% design packages for the landside civil design elements.

CALTRANS/METRO, SR-91 CENTRAL AVENUE TO ACACIA COURT IMPROVEMENT PROJECT, COMPTON AND CARSON, CA • ENGINEERING MANAGER: Caltrans, in cooperation with Metro and the Gateway Cities Council of Governments (GCCOG), proposes to improve a portion of the SR-91 corridor between Central Avenue and Acacia Court located in the City of Compton and the City of Carson. Ryan is providing engineering support on the civil elements for the PS&E 60%, 95%, and 100% plans, cost estimate, and specifications through staff augmentation. He oversees and coordinates with the project owner and stakeholders and coordinates project team calls.

METRO, EAST SAN FERNANDO VALLEY CORRIDOR, SAN FERNANDO, CA • PRINCIPAL ROADWAY ENGINEER: The East San Fernando Valley Transit Corridor (ESFVTC) alignment is located in the San Fernando Valley in the County of Los Angeles. The project study area extends from the City of San Fernando and the Sylmar/San Fernando Metrolink Station in the north to the Van Nuys Metro Orange Line Station in the south. The eastern San Fernando Valley includes the two major north-south arterial roadways of Sepulveda and Van Nuys Boulevards, spanning approximately 10 to 12 miles and the major north/ west arterial roadway of San Fernando Road. Ryan is the principal engineer for this $3.6 billion project, overseeing all aspects of the civil engineering work including local streets and utilities design, geometric alignment design, estimating, coordination with third parties including Caltrans, the City of Los Angeles, Metrolink and the City of San Fernando.

LAWA, APM/ITF/ROADWAY IMPROVEMENTS WEST, LOS ANGELES, CA • ENGINEERING MANAGER: The Intermodal Transportation Facility (ITF) West will use design-build methodology to provide a connected and convenient pick-up/drop-off location outside the terminals. The ITF West includes a 2.8-million-

square-foot, multi-level parking structure that will support approximately 7,700 public parking spaces, concessions, and other passenger amenities. Additionally, the parking structure will include office space for the LAX Security and Badging Office (SBO). The ITF-West will be connected to an APM station via pedestrian walkways. Ryan led the ITF team in the civil engineering deliverables including coordinating with Caltrans District 7 staff, ramp designs, street and local roadway geometric design, utilities, retaining wall design and drainage.

LAWA, ROADWAYS UTILITIES AND ENABLING (RUE), LOS ANGELES, CA • ENGINEERING MANAGER: This five-year, $335 million contract includes is responsible for enabling work directly related to the Landside Access Modernization Program (LAMP). The RUE program focuses on high-priority work necessary to support the Automated People Mover (APM), Consolidated Rent-A-Car (CONRAC) facility, and Intermodal Transportation Facility (ITF)-West. RUE's 16 distinct sub-projects include 98th Street and I-405 freeway on- and off-ramp improvements, and major utilities and pipeline development within the Central Terminal Area (CTA) of LAX. Ryan coordinates closely with City of Los Angeles departments and LAWA personnel, manages numerous engineers, and coordinates daily with the contractor on countless aspects of the RUE project.

LAWA, APM/ITF/ROADWAY IMPROVEMENTS WEST, LOS ANGELES, CA • ENGINEERING MANAGER: The Intermodal Transportation Facility (ITF) - West will utilize design-build methodology to provide a connected and convenient location outside of the terminals, where passengers, "well-wishers," and airport employees can either be dropped off, picked up, or park and then ride the APM into the airport. The ITF West includes an above grade 2.8 million square foot, four to five level parking structure that will support approximately 7,700 public parking spaces, concessions, and other passenger amenities. Additionally, the parking structure will include office space for the LAX Security and Badging Office (SBO). The ITF-West will be connected to an APM station via pedestrian walkways. A vehicle circulation area below the APM station will provide pick-up and drop-off for commercial vehicles and the public. The parking structure opened during the fourth quarter of 2020. Ryan led the ITF team in the civil engineering deliverables including coordinating with Caltrans District 7 staff, ramp designs, street and local roadway geometric design, utilities, retaining wall design and drainage.

METRO, WESTSIDE PURPLE LINE EXTENSION SECTION 1-3, LOS ANGELES, CA • ENGINEERING MANAGER: This $2.1 billion, nine-mile extension of the existing Metro Purple Line will include seven new stations and connect passengers from the existing terminus at Wilshire/Western to Westwood and the VA Hospital. Ryan assisted in the civil engineering management and design, overseeing a staff of 12 engineers, creating delivery packages, and consulting with clients to create design transportation proposals for contractors.

METRO, CRENSHAW LINE LIGHT RAIL, INGLEWOOD, CA • ENGINEERING MANAGER: The $1.5 billion, eight-mile extension of the existing Green Line to the Expo Line, includes seven new stations and three park and ride lots. Ryan managed six staff engineers, providing design for local streets, parking facilities, utility relocations and 3D modeling.

METRO, EXPO LINE PHASE 2 LIGHT RAIL, CULVER CITY, CA • SENIOR ASSOCIATE ENGINEER: This $7.9 billion Design-Build project extended the existing light rail line 6.6 miles from Culver City to Santa Monica. Ryan's responsibilities included design of local streets, parking facilities, utility relocations, 3D modeling, generating specifications and modifications.

KRISTIN CARLSON, AICP

Preliminary Engineering/Planning Studies, Grant Administration

Firm: WSP

Years of Experience: 19

Education: MUP, Urban and Environmental Planning • BA, Environmental Studies • BA, Geography

Registrations/Certifications: Amaerican Planning Association • Association of Environmental Professionals • Women's Transportation Seminar

OVERVIEW

Kristin is a senior supervising planner at WSP who brings more than 11 years of experience leading transportation and environmental planning efforts for a wide range of studies, including transit and parking. She also brings experience in preparation of environmental documents compliant with NEPA and CEQA and documents in support of Federal Transit Administration (FTA) New Starts applications for Project Development and Engineering, and in support of a Full Funding Grant Agreement (FFGA). Kristin has also supported public involvement programs for a variety of audiences, including community forums; draft environmental impact statement (EIS) public hearings; and conferences and workshops for youth, seniors, and persons with disabilities. Additionally, Kristin has made presentations on behalf of the client to stakeholders, including but not limited to California Public Utilities Commission, City of San Diego, Department of Veterans Affairs (VA), and U.S. Army. She also served as project manager for a wetlands mitigation planning study.

Kristin has had substantial roles on two major transit projects that received Full Funding Grant Agreements and are under construction. In her various roles on projects, she has overseen work prepared for most of the technical disciplines that are typically included in an environmental document, including travel forecast modeling. Kristin has also been instrumental in maintaining project compliance pursuant to NEPA and CEQA after a Record of Decision and Notice of Determination by managing and preparing the documentation required to address project refinements proposed as part of the advancement of design or construction. These efforts include extensive coordination between engineering and construction staff and various technical analysts.

HIGHLIGHTS

- Extensive Los Angeles region experience
- Nearly 20 years of transportation and environmental design and planning
- Successful planning and preliminary engineering efforts on dozens of projects in Los Angeles region

RELEVANT EXPERIENCE

METRO, WEST SANTA ANA BRANCH TRANSIT CORRIDOR ENVIRONMENTAL STUDY, LOS ANGELES, CA • ENVIRONMENTAL MANAGER: Kristin oversaw environmental planning services for a joint NEPA/CEQA document for a 20-mile light rail transit line. The project includes two Build Alternatives, two design options, two minimal operable segments, and two options for a maintenance and storage facility. Her duties include technical reviews of various environmental and transportation related reports, quality reviews of reports, overseeing analysts, and managing preparation of the draft EIS/EIR. WSP is leading the environmental study for the West Santa Ana Branch Transit Corridor, a proposed 20-mile double-track, light rail system from Artesia to Los Angeles Union Station. The study analyzes issues along the corridor including conceptual alignments and stations, as well as the feasibility of a new Metro Green Line station, and developing ridership forecasts and cost estimates.

PURPLE LINE EXTENSION PLANNING AND GENERAL ENGINEERING, LOS ANGELES, CA • SENIOR SUPERVISING PLANNER: Kristin's duties included assisting with responses to comments on the draft EIS/EIR for an extension of the Los Angeles subway. She coordinated with technical staff from various disciplines to ensure consistency and thoroughness of responses. Kristin is also managing the environmental reevaluation of project refinements located within Section 3 of the Westside project, which is an approximate 2.3-mile portion of the Westside Subway Extension project and includes two stations. Tasks include coordinating with the engineering team and client to determine the refinements that warrant the environmental, reevaluation, developing scope and schedule for the environmental reevaluation, communicating refinements to the technical team, and managing the work of the technical team, including

subconsultants. Additionally, Section 106 compliance and coordination with the VA are major critical path components of the reevaluation and Kristin has been involved in managing the applicable environmental work for historic and archaeological resources, assisting with the development of approach to the work, and presenting at meetings. Kristin is also responsible for reviewing technical studies prepared by the analysts and preparing the environmental documentation that will be submitted to FTA to gain environmental clearance of the refinements. She also managed preparation of the CEQA Addendum. She regularly attends meetings with stakeholders including the VA and FTA. WSP is the planning and general engineering consultant for Metro's 9-mile, seven-station western extension of the Purple Line heavy rail subway from Wilshire and Western through downtown Beverly Hills and Century City to Westwood. Services include an alternatives analysis, preparation of the draft and final environmental impact statements and environmental impact reports, preliminary engineering, strategic consulting on federal regulations such as the New Starts project justification, and assistance with financial plans. The Purple Line Extension is one of the Los Angeles Metro's priority projects to improve transit capacity, speed, dependability, and connectivity.

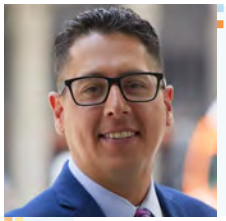
CALIFORNIA STATE UNIVERSITY, ON-CALL ENVIRONMENTAL DOCUMENTATION AND STUDY SERVICES, LOS ANGELES, CA • SENIOR SUPERVISING PLANNER: WSP provided on-call California Environmental Quality Act consulting services for the California State University system, supporting statewide master planning and land use planning efforts. The firm worked with a team to formulate and evaluate alternatives to craft the final master plan for new development at each campus. Technical services included stakeholder engagement, technical analyses, project coordination, environmental clearance, and advisory services.

SANDAG ON-CALL ARCHITECTURE AND ENGINEERING, SAN DIEGO, CA • SENIOR TRANSPORTATION PLANNER: WSP provided general engineering on-call services to support the development of transit and highway projects for SANDAG. The scope of work involved conceptual design, preliminary engineering, project management, and construction management services for the Otay Mesa East Land Port of Entry, the Border to Bayshore bikeway, Mid-Coast light rail vehicle procurement, East County bus maintenance facility, design services during construction facility, and a feasibility study for a connector from the convention center to the airport skyway.

CITY OF SAN DIEGO, DOWNTOWN TO AIRPORT SKYWAY FEASIBILITY STUDY, SAN DIEGO, CA • TRANSPORTATION/ ENVIRONMENTAL PLANNER: Kristin conducted the environmental screening for an aerial tramway alignment connecting the San Diego Convention Center to the San Diego International Airport. The screening considered NEPA, CEQA, and Section 106 requirements. WSP provided planning and conceptual engineering services for the Downtown to Airport Skyway Feasibility Study. The study analyzed the feasibility of providing aerial cableway transit service between the San Diego Convention Center and San Diego International Airport. With the potential to move 4,800 passengers per hour, an aerial cableway system could provide high-capacity transit service to San Diego International Airport; the busiest single-runway airport in the United States.

SANDAG, MID-COAST CORRIDOR TRANSIT PROJECT, SAN DIEGO, CA • SENIOR PLANNER: WSP provided general engineering on-call services for this project comprising an 11-mile segment of light rail transit guideway that included approximately 3 miles of aerial structures, 11 bridges, and eight stations. The project involved a two-span bridge crossover street where there was concern regarding fault rupture, a two-span bridge over a Caltrans right-of-way canyon, an open channel next to a railroad, 17 standard and non-standard cast-in-place retaining walls, and eight station pedestrian bridges.

SANDAG, MID-COAST FINAL SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT/ENVIRONMENTAL IMPACT REPORT, SAN DIEGO, CA • ENVIRONMENTAL PLANNER: Kristin was responsible for coordinating and updating the Final SEIS/SEIR, a joint NEPA/ CEQA document prepared for an 11-mile extension of the San Diego Trolley. The Record of Decision was received for the project in October 2014 and certified under CEQA in November 2014. She also was responsible for updating the Transportation Impacts and Mitigation Report and other technical reports, including but not limited to the Noise and Vibration and Construction Impacts technical reports. Additionally, Kristin managed the comment response process on the Draft SEIS/SEIR, in which 307 submissions with 1,416 total comments were received.



MIGUEL NÚÑEZ, AICP

Complete Streets/Active Transportation

Firm: Fehr & Peers

Years of Experience: 15+

Education: MA, Urban Planning • BA, Political Science

Registrations/Certifications: American Institute of Certified Planners (AICP)

OVERVIEW

Miguel has more than 16 years of experience in transportation planning, with areas of expertise in pedestrian and bicycle planning, complete streets, and multi-modal planning. Miguel managed Fehr & Peers' efforts on the I-710 Livability Initiative, the Downey Active Transportation Plan, the People St Evaluation effort, the Huntington Park Complete Streets Plan, and General Plans for the Cities of Cudahy, Whittier, and Carson, all focused on implementable improvements and strategies for enhancing mobility and safety for all road users. Through his experience working on projects with a multi-modal emphasis, complex and controversial traffic impact studies, and numerous regional transportation plans, Miguel has helped a wide range of communities expand transport options for their stakeholders. He has managed pedestrian safety assessments throughout California and presents at industry conferences on emerging and innovative multi-modal practices.

HIGHLIGHTS

- Brings extensive local expertise in transit planning and long-range multimodal planning
- Professional urban planner with expertise in multi-ethnic community engagement to gain buy-in for multimodal transportation planning

RELEVANT EXPERIENCE

CITY OF PICO RIVERA, HISTORIC WHITTIER BOULEVARD SPECIFIC PLAN, PICO RIVERA, CA • PROJECT MANAGER: The City developed and is aggressively advancing Pico Rivera 2035 (PR 2035), a modern-day renaissance designed to stimulate holistic community revitalization through smart, equitable, and sustained long-term community development and economic growth. PR 2035 seeks to leverage existing resources to attract significant investments while aligning legislative support for capital infrastructure and innovative programs, projects, and policies that will transform the city and the region alike. At the heart of PR 2035 is the Historic Whittier Boulevard Revitalization Program (HWB Program).

The plan will serve as the foundation for establishing a formal "uptown" district within the city and is expected to include a combination of traditional elements such as land use, housing, parks and open space, private development standards and modern elements such as environmental justice, equity, diversity, inclusion, art and culture.

Miguel led mobility analysis that applied the regional model to understand the proportion of cut through traffic on Whittier Boulevard, while also evaluating existing levels of multimodal activity, and a corridor specific collision analysis. Concept plans developed for Whittier Boulevard included evaluation of a transit only lane, additional parking, widened sidewalks, and a protected bicycle facility. Fehr & Peers also had Spanish-speaking staff support several outreach events to share ideas and receive input from a broad set of stakeholders. The Specific Plan will provide guidance for the multimodal and streetscape design plan that will complement proposed land use and policy changes.

CITY OF PICO RIVERA, PICO RIVERA SB 743 IMPLEMENTATION SERVICES, PICO RIVERA, CA • PROJECT MANAGER: Passed in 2013, SB 743 eliminates level of service (LOS) as a basis for determining significant transportation impacts under CEQA and provides a new performance metric VMT. Jurisdictions across California updated their transportation impact thresholds and traffic study guidelines to comply with the State's SB 743 CEQA mandate. Miguel provided planning and implementation expertise to the City of Pico Rivera in response to this shift.

GATEWAY CITIES COUNCIL OF GOVERNMENTS CLIMATE ACTION PLAN, GATEWAY CITIES, CA • PROJECT MANAGER: The Gateway Cities Council of Governments (GCCOG) received grant funds to prepare a regional climate action planning framework that local jurisdictions can use to develop a voluntary climate action plan (CAP) for reducing greenhouse gas emissions in their communities. The CAP framework is intended to help individual communities advance their goals for economic development, public health, air quality, climate resiliency, equity, and job creation while planning for the impacts of climate change. Miguel oversaw development of the plan.

METRO, I-710 LIVABILITY INITIATIVE, GATEWAY CITIES, CA • TASK LEAD: Through an extensive community participation process undertaken for the 1-710 Corridor Project, Metro and GCCOG identified the need to address community transportation needs beyond the scope of the 1-710 Corridor Project environmental document, including active transportation and pedestrian safety on arterial streets. In order to address these needs, and with funding from a Caltrans planning grant, Metro and the GCCOG initiated the 1-710 Livability Initiative – Complete Streets and Active Transportation Plan to evaluate transportation improvements beyond the freeway. The plan offers strategies related to mobility, accessibility, and multi-modal transportation while striving to incorporate components such as safety, open space, and public art. It allows for the initiation of a framework that encompasses other livability actions that sub-regional and local agencies may undertake and serves as a roadmap for stakeholders to help identify transportation concepts they'd like to see in their communities. Miguel facilitated coordination and provided expertise regarding active transportation and multimodal planning in support of the development of this plan.

CITY OF DOWNEY, "WALK DOWNEY" CITYWIDE PEDESTRIAN PLAN, DOWNEY, CA • PLANNING LEAD: Walk Downey is the Downey community's long-range vision for the future of walking in the City of Downey. This pedestrian plan prioritizes pedestrian safety and comfort, creates a walkable environment through neighborhood and infrastructure investment, and develops a high-quality pedestrian network in this vehicular-oriented city. The initiative addresses local and regional desires to improve multimodal access to regional transportation assets such as the I-5, I-605, and I-105 freeways, the San Gabriel River Bike Path, the Rio Hondo Bike Path, the Metro C (Green) Line, and the local bus service, the Downey Link. The primary goal of Walk Downey is to provide a safe, efficient, and connected network of multimodal transportation facilities that residents and stakeholders can enjoy for a variety of purposes. By enhancing the active transportation network, Walk Downey aims to reduce vehicle emissions, achieve sustainability goals, improve the health and wellness of communities, and increase local economic development and civic involvement. Miguel provided active transportation expertise.

ADDITIONAL EXPERIENCE

- City of Downey Citywide Bicycle Master Plan (Downey, CA)
- City of Carson General Plan & SB743 Implementation (Carson, CA)
- Westside Mobility Active Transportation Corridors (City of Los Angeles
- Downtown Glendora Parking Study (Glendora, CA)
- Burbank Media Studios Transportation Analysis (Burbank, CA)
- City of Cudahy General Plan (Cudahy, CA)
- Metro Active Transportation First/Last Mile Planning & Design (Los Angeles, CA)

GERZAIN FIGUEROA

Traffic and Multimodal Operations, ITS Elements

Firm: V&A

Years of Experience: 20

Education: BS, Civil Engineering

Professional Affiliations: American Society of Civil Engineers • Advancing Women in Transportation • Chi Epsilon

OVERVIEW

Gerzain has 20 years of experience in traffic engineering design and management for various local municipalities including the cities of Los Angeles, Pasadena, County of Los Angeles, and Caltrans. His first experience on design-build delivery method was on the San Fernando Valley bus rapid transit project. Ten years later, Gerzain has worked on seven Metro design-build projects in Los Angeles. His role has changed from lead traffic engineer to a project manager.

His first experience with traffic signal and street lighting design was on the San Fernando Bus Rapid Transit. He started as a designer and evolved into a project engineer, meeting on a weekly basis with the City of Los Angeles for plan review, comments, and approval. This was a unique experience that later helped him in the Exposition Light Rail Transit Phase 1. On this project his role was similar — design/coordinate all work and obtain final plan acceptance from City of Los Angeles departments Bureau of Street Lighting (LABSL) and LADOT.

From there he went on to the I-405 Sepulveda Pass Widening Project. He was now given the opportunity to join Valle & Associates (V&A, Inc.) and also was given the opportunity to be the contact person assigned by the project to coordinate directly with BSL for all the design changes and including alignment, traffic signal, signing and striping changes that would impact the design of the restoration street lighting plans. Gerzain was also responsible for the QA/QC of all temporary and ultimate traffic signal plans for the I-405 Sepulveda Pass Widening Project.

Other projects similar to these were the Crenshaw/LAX transit corridor design-build project and Regional Connector and Westside Subway Extension, where his relationship as project manager proved to be of great help with the BSL and LADOT. To this day Gerzain maintains an excellent relationship with City of Los Angeles project manager that he worked with on the Orange Line Project a decade ago. Gerzain brings deep local network connections and a strong understanding of the local engineering and construction marketplace.

HIGHLIGHTS

- Extensive Los Angeles Region experience
- Worked with DLCE on several projects including Sixth Street Viaduct and Eastside Transit Corridor Phase 2

RELEVANT EXPERIENCE

CITY OF LOS ANGELES, SIXTH STREET VIADUCT REPLACEMENT PROJECT, LOS ANGELES, CA • TRAFFIC MANAGER: Gerzain was the traffic manager responsible for the oversight of upgrading 19 traffic signals throughout the project area. These signal upgrades were part of the traffic improvements necessary to mitigate impacts on traffic during the demolition and construction of the viaduct. The Sixth Street Bridge is an iconic structure that needed to be replaced due to concrete degradation. The new signature 3,500-foot Viaduct crosses the LA River and the US 101 Freeway and will include space for pedestrians and bicyclists. Gerzain was responsible for coordination with LADOT, LABSL, LADWP, and various agencies through the design review and approval process.

METRO, WEST SANTA ANA BRANCH TRANSIT CORRIDOR, LOS ANGELES, CA • TRAFFIC DESIGN: Gerzain was responsible for the oversight and coordination of 15 intersections along the 19 mile corridor that will travel through LA County and downtown LA. The project work includes the 30% preliminary traffic design including striping and traffic signals in coordination with curb ramps, sidewalks, driveways, and grading throughout the project.

LAWA, AUTOMATED PEOPLE MOVER P3 PROJECT, LOS ANGELES, CA • TRAFFIC MANAGER: Traffic Manager on the $4.9 billion LAX Automated People Mover project which includes a 2.25-mile elevated guideway train system which will deliver passengers from LAX to proposed offsite parking, car rental and transit facilities. Currently leading the effort of design and approval of restoration signing and striping plans and traffic signal plans for various

local streets adjacent to LAX and the proposed People Mover.

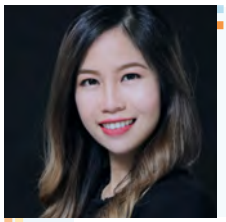
METRO, EASTSIDE TRANSIT CORRIDOR PHASE 2, LOS ANGELES, CA • ACE PROJECT MANAGER: Gerzain was the manager responsible of the oversight on the Eastside Transit Corridor Phase 2 project which includes advanced conceptual engineering for the extension of the Gold Line further east from the current terminus in East Los Angeles at Atlantic Boulevard and Pomona Boulevard. Currently responsible for the conceptual design of three alternatives for the extension of the Gold Line. The conceptual design includes restoration signing and striping, traffic signal and temporary traffic control design on local streets.

METRO, WESTSIDE SUBWAY EXTENSION, LOS ANGELES, CA • PROJECT MANAGER: Responsible for the oversight of worksite traffic engineering plans including temporary traffic signal plans and temporary signing and striping plans for the advanced LADWP power and water relocations for the La Brea, La Cienega, and Fairfax Stations of the nine-mile extension of the Metro Rail Purple Line in Los Angeles. Gerzain is also responsible for the oversight of the ultimate signing and striping and ultimate traffic signal plans. He is responsible for coordination with LADOT, LABSL, LADWP, LABSS, and various agencies through the design review and approval process.

METRO, CRENSHAW/LAX TRANSIT CORRIDOR DESIGN-BUILD PROJECT, LOS ANGELES, AND INGLEWOOD, CA • SIGNAL DESIGN ENGINEER: Manager responsible for the oversight of the 90 new, temporary and upgraded traffic signals along the 8.5-mile new light rail corridor. Gerzain was responsible for coordinating with the Cities, Metro, LAWA and the Contractor on all aspects of the temporary and permanent traffic signal design. This light rail line will travel between the Expo Line at Exposition Boulevard/Crenshaw Boulevard through the cities of Los Angeles and Inglewood to the Metro Green Line at Imperial Highway/Aviation Boulevard. The project will serve the cities of Los Angeles, Inglewood and El Segundo with eight stations, a maintenance facility, park-ride lots, and traction power substations.

METRO, REGIONAL CONNECTOR TRANSIT DESIGN-BUILD PROJECT, LOS ANGELES, CA • TRAFFIC MANAGER: Gerzain was the traffic manager responsible for the oversight on the Regional Connector Transit Design-Build Project Team. This 1.9-mile light-rail transit project extends from the Metro Gold Line Station in Little Tokyo to the 7th Street Metro Center Station hub in the heart of Downtown Los Angeles. Currently leading the team's effort in the area of design and approval of restoration signing and striping and traffic signal plans. The plan approval process requires coordination with LADOT as well as coordination efforts with LABOE and Metro.

METRO, I-405 SEPULVEDA PASS WIDENING DESIGN-BUILD PROJECT, LOS ANGELES, CA • TRAFFIC MANAGER: Gerzain worked on the $1 billion I-405 Sepulveda Pass Widening Project which added a 10-mile HOV lane and improved supporting infrastructure such as ramps, bridges, and sound walls. The segment of the I-405 between the I-10 and U.S. 101 Freeways will be widened. Gerzain was responsible for the management of the traffic engineering, MOT/traffic control, and design for impacts caused to all local City and County streets as a result of the widening of the I-405. He was also responsible for providing design quality management support for traffic signal, striping, and temp/permanent street lighting design. In addition, Gerzain is responsible for coordination with Caltrans, LABOE, LADOT, LABSL, LADWP, LA County, LABSS, and various agencies through the design review and approval process.



SELENA PHAM
Utility Design

Firm: D'Leon Consulting Engineers
Years of Experience: 7
Education: BS, Civil Engineering

OVERVIEW

Selena is a seasoned civil engineer with seven years of experience in Metro and rail project associated work. Selena has led the preparation of environmental and engineering documents for major projects in Los Angeles County. Selena expertise includes track alignment design, highway and local roadway design, utilities design, and estimating. She is deeply familiar with Metro and other local municipalities' design standards and specifications and fast-paced delivery schedules. Selena understands industry engineering and design standards.

HIGHLIGHTS

- Unique experience working with local agencies such as the City of Los Angeles, Port of Long Beach, Caltrans, and Metro
- Expertise in using software design tools like Inroads, MicroStation, Civil 3D, and AutoCAD

RELEVANT EXPERIENCE

CITY OF LOS ANGELES, SIXTH STREET VIADUCT REPLACEMENT, LOS ANGELES, CA • CIVIL ENGINEER: The City of Los Angeles's Sixth Street Bridge Viaduct connects the west side of the Los Angeles River and the historic neighborhood of Boyle Heights on the east side. The original bridge, built in 1932, spanned nearly 3,500 feet across the river. Due to seismic vulnerability and a rare chemical reaction in the cement supports, it was determined that the original Sixth Street Viaduct needed to be replaced. Selena assisted on identifying all above and underground utility lines at both approaches, nearby frontage roads and on the bridge deck. She worked closely with the City of Los Angeles Bureau of Engineering, Caltrans, the Army Corps of Engineers, among other agencies, to gather all supporting utility information. Selena also assisted the Project's Civil Engineer on record to identify utility conflicts with new bridge design. She prepared utilities drawing packages for the contractor (Skanska) for demolition, foundations, viaduct piers, intersections and river encroachments. She used MicroStation design software tools in the development of the drawings.

METRO, EASTSIDE PHASE 2 LIGHT RAIL EXTENSION. LOS ANGELES, CA • CIVIL ENGINEER: The Metro Eastside Transit Corridor Phase 2 Project proposes to extend the existing Metro Gold Line Light Rail further east from its current terminus at Pomona Boulevard and Atlantic Boulevard in East Los Angeles to South El Monte via State Route 60 (SR-60) and/or to the City of Whittier along Washington Boulevard. Selena helped lead the development of Advanced Conceptual Engineering (ACE) engineering and design drawings for Metro. She managed a team of engineers to develop the Utilities drawings for both rail alignments. Selena led the development of the project's utilities study report to support the identification and third-party coordination with all utility companies (private and public).

METRO, SEPULVEDA TRANSIT CORRIDOR, LOS ANGELES, CA • CIVIL ENGINEER: The $12 billion Sepulveda Transit Corridor is an approximately 15-mile rail system with 9 stations, navigating the Santa Monica mountains to connect transit passengers in the San Fernando Valley and the Westside. Currently in the Environmental Review and Advanced Conceptual Engineering stages, LA Metro is weighing six alternatives, five aerial and one underground. Selena supports the utility relocation and design, roadway design, and coordination with stakeholders and support on the approval processes, including the LADWP. She also assesses numerous power sources along the entire 10-mile corridor and oversees plan production for the ACE plans.

LAWA, CONCOURSE 0 PROGRAM, LOS ANGELES, CA • SENIOR CIVIL ENGINEER: Part of the Airfield and Terminal Modernization Project at LAX, the Concourse 0 is an extension attached to Terminal 1. The project will add a gate space where it's needed and improve the traveler experience. This is a $6 billion dollar expansion plan that would allow the busy airport to catch up with passenger growth and prepare it fort he 2028 Olympic Games. Selena is assisting in the delivery of the 30% and 60% design packages for the landside civil design elements.

LAWA, ROADWAYS UTILITIES AND ENABLING (RUE), LOS ANGELES, CA • CIVIL ENGINEER/DESIGN ENGINEER: The project is responsible for several key individual projects and enabling work directly related to the Landside Access Modernization Program (LAMP). The $334.9 million contract includes 16 different projects. The highlight is the 98th Street extension, which will extend that roadway from where it currently ends at Bellanca Avenue to the 405 Freeway, where improvements to the southbound freeway on- and off-ramps will also be completed. RUE also includes new wayfinding signage, which will be pivotal in helping travelers navigate the new LAX landscape once the LAMP is completed. Selena is leading the development of the design and plan production for both the firewater and domestic water lines in LAX's Central Terminal Area. She also utilized BIM in coordination with the contractor to identify utility conflicts.

CALTRANS/METRO, SR-91 CENTRAL AVENUE TO ACACIA COURT IMPROVEMENT PROJECT, COMPTON AND CARSON, CA • CIVIL ENGINEER: Caltrans, in cooperation with the Los Angeles County Metropolitan Transportation Authority (Metro), and Gateway Cities Council of Governments (GCCOG), proposes to improve a portion of the State Route 91 (SR-91) corridor between Central Avenue and Acacia Court located in the City of Compton and the City of Carson and one overhead sign located near Long Beach Boulevard within the City of Long Beach in Los Angeles County, CA. Selena provides engineering support on the civil elements for the PS&E 60%, 95%, and 100% plans, cost estimate, and specifications through staff augmentation. She coordinates with the project owner and stakeholders and coordinates project team calls.

PORT OF LONG BEACH, PIER B PROJECT, LONG BEACH, CA • CIVIL ENGINEER: The Port of Long Beach is proposing to reconfigure, expand and enhance the existing Pier B rail facility located along Anaheim Street and the 710 Freeway to support more efficient use of "on-dock" rail at the Port's shipping terminals, which will in turn ease roadway traffic congestion and improve air quality. The Pier B On-Dock Rail Support Facility Project proposes to: Improve roadway traffic flow to enhance motorist and rail safety by eliminating the existing railroad crossing at the 9th Street and Pico Avenue intersection. Reconfigure existing tracks and add additional tracks to allow trains up to 10,000 feet long to directly connect to the on-dock rail facilities and the Alameda Corridor railway. Potentially acquire additional land to the north of the Pier B rail facility (as far as 12th Street, but south of Anaheim Street in West Long Beach) to provide for additional rail car storage and staging. Other small parcels located in the vicinity of the Alameda Corridor to Ocean Boulevard may also be acquired. Remove the ramps connecting 9th Street and the Shoemaker Bridge. Selena helped lead the design and utilities design team. She led the development of preliminary engineering and exhibits for local road reconfigurations using MicroStation and Inroad design tools. She coordinated with the Port of Long Beach engineering staff and third-party stakeholders and prepared engineering exhibits and presentation documents.

LAWA, LAX AUTOMATED PEOPLE MOVER PROJECT, LOS ANGELES, CA • CIVIL ENGINEER: The Automated People Mover (APM) is an electric train system on a 2.25-mile elevated guideway which will include six aerial stations connecting to three outside terminals at LAX. The train will help alleviate traffic congestion within LAX's central terminal area and allow transit users to connect with the Metro Crenshaw/LAX Line at 96th Street station. The APM is expected to be completed by 2023 and the total cost of the project is estimated to be $1.5 billion. Selena was responsible for the preparation of engineering design drawings for the utilities related work along Century Boulevard, Sepulveda Boulevard, Aviation Avenue, 96th Street and adjacent streets. She helped lead the coordination and identification of utilities with third-party agencies, particularly the City of Los Angeles. Selena is very knowledgeable in current City of Los Angeles and Bureau of Engineering City Codes and Engineering Specifications. She led the design of the local roads using MicroStation design software along with Inroads.

MELISSA LOGUE

Environmental Planning/Studies

Firm: ESA

Years of Experience: 21

Education: BA, History

Professional Affiliations: Association of Environmental Professionals • American Public Works Association • WTS International

OVERVIEW

Melissa is an environmental planning professional with 20 years of experience delivering transportation and other public agency infrastructure projects throughout California. Melissa focuses her work on delivering environmental documentation pursuant to both the National Environmental Policy Act (NEPA) and California Environmental Quality Act (CEQA) and is an expert in compliance with Caltrans' Standard Environmental Reference (SER) and Local Assistance Procedures Manual (LAPM) requirements. Melissa also works with clients to acquire and ensure compliance with environmental approvals and permits from a wide range of federal, state, and local regulatory agencies related to biological, cultural, and other environmental resources.

HIGHLIGHTS

- Experience working on City of Pico Rivera's Telegraph Road Bridge project delivering similar scope
- Detailed understanding of environmental regulations and processes

RELEVANT EXPERIENCE

CITY OF PICO RIVERA, TELEGRAPH ROAD BRIDGE REPLACEMENT, PICO RIVERA, CA • PROJECT MANAGER: The City of Pico Rivera, in cooperation with the Caltrans District 7 Division of Local Assistance, proposes to replace the Telegraph Road Bridge over the San Gabriel River. Melissa is leading the ESA team's completion of environmental technical studies to support CEQA, NEPA and regulatory permitting for the project, including a noise study, a noise abatement decision report, an air quality and conformity report, archaeological survey report and historic property survey report, a paleontological memo, a visual impact assessment memo, and an energy analysis report.

CITY OF LONG BEACH, 6TH STREET AND DAISY BOULEVARD BICYCLE BOULEVARDS, LONG BEACH, LOS ANGELES COUNTY, CA • PROJECT MANAGER: The City of Long Beach, in cooperation with Caltrans, constructed bicycle and pedestrian improvements through two roadway corridors in the city. Melissa managed completion of a preliminary environmental study (PES) form, a historic property survey report (HPSR)/Archaeological survey report (ASR), and de minimis Section 4(f) memo to support Caltrans' issuance of a NEPA categorical exemption (CE) for the project.

RESOURCE CONSERVATION DISTRICT OF THE SANTA MONICA MOUNTAINS, TOPANGA LAGOON RESTORATION, MALIBU, LOS ANGELES COUNTY, CA • TECHNICAL ADVISOR: The Resource Conservation District of the Santa Monica Mountains (RCD), in cooperation with the California Department of Parks and Recreation (CDPR), the Los Angeles County Department of Beaches and Harbors (DBH) and Caltrans, proposes to restore the Topanga Creek and lagoon ecosystem, which is constrained by fill associated with the Pacific Coast Highway (PCH) Bridge over Topanga Creek. The purpose of the project is to restore the lagoon ecosystem habitat for two federally endangered species, the tidewater goby and the steelhead trout, and to protect and enhance visitor services by providing resiliency against SLR and beach erosion. The project would provide habitat improvements and improve coastal resilience in the project area. ESA is preparing the EIR for the project, including technical studies and reports to support project design and CEQA documentation. Melissa serves as a Technical Advisor to the client and ESA management team regarding Caltrans requirements, procedures and coordination for the elements of the project that would encroach onto the state highway system, including replacement of the PCH Bridge.

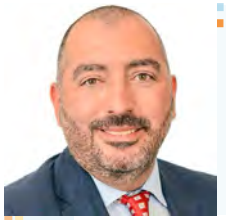
SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY, INTERSTATE 215 BI-COUNTY LANDSCAPE SEGMENT 5 PROJECT, SAN BERNARDINO, CA • PROJECT MANAGER: SBCTA is proposing to implement Segment 5 of the I-215 Replacement Highway Planting and Irrigation Project. The project would install landscaping and irrigation along I-215 within an approximately 1-mile-long segment of I-215, and

inclusive of portions of the I-215 interchanges at I-210, Mt. Vernon Avenue, and Highland Avenue. Melissa is leading preparation of technical studies and an environmental revalidation of the Categorical Exemption/Categorical Exclusion prepared for the project.

MERCED COUNTY ASSOCIATION OF GOVERNMENTS, REGIONAL MULTI-USE PATH FEASIBILITY STUDY, LOS BANOS, MERCED COUNTY, CA • PROJECT DIRECTOR: The Merced County Association of Governments seeks to identify route alternatives for a mile-long multi-use path to connect the City of Los Banos' bikeway network to Merced College along State Route 152 (Pacheco Boulevard). Prior to ESA, Melissa directed completion of the environmental elements of the feasibility study prepared for the project.

CITY OF OAKLAND, BROADWAY STREETSCAPE IMPROVEMENT, OAKLAND, CA • LEAD ENVIRONMENTAL PLANNER: Following the completion of the Waterfront Ballpark District at Howard Terminal EIR in 2021, ESA has started work on ancillary programs. Among these are the Broadway Streetscape Improvement project which proposes improvements to Oakland's bus operations and pedestrian safety on the highly traveled Broadway corridor in Downtown Oakland. The City secured a RAISE grant to fund proposed improvements to facilitate efficient bus and automobile travel on this highly used arterial. Proposed Improvements to Broadway include the installation of a dedicated bus lane for a nine-block stretch, traffic signal upgrades and new traffic signal installation, new ADA curb ramp, and high-visibility crosswalk markings and pedestrian-scale lighting at intersections. ESA prepared the Caltrans-required PES and is coordinating with the City on the next steps for environmental compliance. Melissa performed oversight and quality control of the PES form, provided guidance and coordination relative to the grant, and is managing subconsultants and budget adherence with the team.

MERCED COUNTY, WALNUT AVENUE ACTIVE TRANSPORTATION PROGRAM – PHASE II, MERCED COUNTY, CA • PROJECT MANAGER: Merced County, in cooperation with Caltrans, proposed improvements, including: curb, gutter, and sidewalk installations; Class II bike lane; traffic-calming measures; new storm drainage system; and street light improvements, along a segment of Walnut Avenue and a portion of California Street in the community of Winton. Prior to ESA, Melissa directed preparation of the Preliminary Environmental Study form and Phase I initial site assessment, and coordinated with Caltrans to support its issuance of a categorical exclusion.



JUAN DIAZ-CARRERAS

Hydraulics/Hydraulic Analysis, Drainage/Storm Drain

Firm: Black & Veatch

Years of Experience: 20+

Education: MPA, Public Administration – Growth Management • BA, Biology

OVERVIEW

With 20+ years of stormwater and infrastructure experience, Juan specializes in leading teams through major stormwater improvement programs. He is based in LA County and brings a personal commitment to this program and support for the community's infrastructure. He also has a wealth of local experience in developing and overseeing stormwater BMPs, restoration and design of critical infrastructure.

HIGHLIGHTS

- Senior stormwater specialist with more than 20 years of experience in Southern California
- LA County resident with personal investment in the City of Pico Rivera's success

RELEVANT EXPERIENCE

SAN DIEGO STORMWATER DEPARTMENT, GREEN INFRASTRUCTURE GROUP 1012, SAN DIEGO, CA • **STORMWATER EXPERT:** Providing review services for the detailed design of green infrastructure and stormwater quality improvements, including storm drain inlets and pipelines, cleanouts, curbs and gutters, sidewalks, pavements and work to restore improvement site areas to original conditions.

LOS ANGELES COUNTY PUBLIC WORKS, PUMP STATION CONDITION ASSESSMENT, LOS ANGELES, CA • **PRINCIPAL IN CHARGE:** Served as Principal in Change in the effort to assess the condition of all of stormwater pump stations Public Works is responsible for. He led the development of the assessment methodology and was closely involved in the evaluation of the first 13 pump stations, including final review of all reporting.

LOS ANGELES BUREAU OF SANITATION, VARIOUS STORMWATER FEASIBILITY STUDIES, LOS ANGELES, CA • **PROJECT MANAGER:** Authored numerous feasibility studies designed to secure Safe, Clean Water Program funding for projects in LA. His reports included rating projects against the scoring rubric and providing details on how clients can improve their overall Program score.

LOS ANGELES BUREAU OF SANITATION, LANKERSHIM BOULEVARD GREEN STREET PROJECT, LOS ANGELES, CA • **PROJECT MANAGER:** Managed this dual-purpose project for capturing stormwater for infiltration and greening the Lankershim corridor in the San Fernando Valley. The green street design included drywells, bioswales and drought-tolerant plant material.

MARTIN RAMIREZ, AIA, NCARB

Landscape/Streets Architecture, Parks, and Playgrounds

Firm: Gannett Fleming

Years of Experience: 17

Education: MS, Architecture • BS, Architecture

Registrations/Certifications: Registered Architect: CA, AZ • Amtrak Engineering Contractor Roadway Worker Protection Safety Training • NCARB • American Institute of Architects

OVERVIEW

Martin brings more than 20 years of experience delivering architectural services on municipal public works projects across the southwest U.S., including Southern California.

HIGHLIGHTS

- Brings relevant urban architecture experience on multimodal and transit projects
- Experience interfacing with local utilities as part of design development process

RELEVANT EXPERIENCE

METRO, VETERAN AFFAIRS PARKING STRUCTURE, LOS ANGELES, CA • PROJECT MANAGER AND PRINCIPAL: Responsible for delivery, design, management, and technical execution of four and a half level, 809-space parking structure for VA Medical Center staff. With 30 percent Small Business Enterprise (SBE) requirement, coordinated multi-disciplined project with several outside consultants. Structure was designed with photovoltaic system canopy and will start construction in late 2022.

METRO DIVISION 20, MAINTENANCE FACILITY MASTER PLAN, LOS ANGELES, CA • PRINCIPAL ARCHITECT AND DESIGNER FOR PLANNING, PROGRAMMING, AND PRELIMINARY DESIGN: This project will expand Metro's Division 20 Maintenance Facility. Project planned due to Los Angeles Metro Purple Line fleet expansion. Led architectural programming and master plan layout for shops, administration spaces, training rooms, security, and parking garage. Provided visioning for facilities urban façade to integrate private facility into Los Angeles Arts District community.

METRO, LOS ANGELES UNION STATION EXPANSION, LOS ANGELES, CA • DEPUTY PROJECT ARCHITECT AND DESIGNER: This project will expanding Los Angeles Union Station infrastructure to support ridership growth on MetroLink, Amtrak, and Metro light rail. Will also accommodate California High-Speed Rail project. Supported civic design and urban scale visioning for public and Metro Executive Board support. Supported California Environmental Quality Act Environmental Impact Report required by Federal Railroad Administration for environmental clearance through Metro. Provided technical design for station's historic analysis, programming, passenger circulation, concourse layout, accessibility, emergency evacuation, baggage handling operations, and operations during construction.

COLORADO SPRINGS UTILITIES, EDWARD W. BAILEY GREENFIELD WATER TREATMENT PLANT, COLORADO SPRINGS, CO • PROJECT ARCHITECT: This $124 million design-build project consolidated entire water treatment process into a single main process building. Project included 82,000 square foot multi-level structure with offices, laboratory, conference room, and maintenance facilities. Coordinated directly with contractor, McCarthy Building Companies, and client during construction. Project was featured in Opflow Magazine in July 2016.

CITY OF CHANDLER, OCOTILLO WATER RECLAMATION FACILITY EXPANSION, CHANDLER, AZ • PROJECT ARCHITECT: Martin was involved with space programming, programming workshops, public outreach, and detailed design for new 9,000-square-foot administration building, maintenance facility, and eight industrial buildings. Complex included laboratory, multi-purpose rooms, kitchen, offices, workstations, control room, courtyard, and workshops. Designed perimeter wall with architecturally pleasing block wall treatment. Project required extensive coordination with community advisory panel (CAP) and local stakeholders where conceptual three-dimensional renderings, perspectives, and animations were presented to community during design phases. Project received ENR Southwest's 2018 Best Projects, Water and Environment Best Project Award in 2018.

SECTION D

Consultants and Subconsultants

D CONSULTANTS AND SUBCONSULTANTS

Our subconsultant team comprises a mix of small and large firms — all with directly relevant experience and local personnel committed to supporting the City — providing a range of services to ensure we deliver the complete scope of work on every task order.

With each subconsultant's profile, we have included a brief overview of how the firm delivers value to the City in four major areas:

- Local, Community-Oriented Team
- Technical Expertise
- Directly Relevant Experience
- Proven Approach

Meeting Requirements

- DLCE's business and reporting relationships with our subconsultants are illustrated in our organizational chart on page 8 in Section C – Proposed Staffing.
- Subconsultant contact information, addresses, and services can be found in Section A – Letter of Offer.
- Resumes for key personnel from our subconsultants are included in Section C – Proposed Staffing.
- Brief project reference information for our subconsultants is included in Section F – Client References.

SUBCONSULTANT PROFILES

Arellano Associates, LLC (DBE, SBE)

Arellano Associates (AA) is a professional services consulting firm that has specialized in communications and public outreach, community and government relations, and strategic planning and marketing programs for 30 years. AA serves many of Southern California's most important public programs, including transportation, public safety, sustainability, planning, infrastructure improvement, and other energy and water-related projects.

- Based in Chino Hills
- Municipal transportation project public outreach experts
- Experience working for **City of Pico Rivera**
- Successful outreach on **Telegraph Road Bridge** and other City of Pico Rivera projects with similar scope

Black and Veatch Corporation

Black & Veatch Corporation is a leading global engineering, consulting and construction company specializing in infrastructure development in energy, water, telecommunications, management consulting, and federal and environmental markets. The firm's professionals provide the best technology-based solutions for collection, treatment, reuse, and disposal of wastewater.

- Offices in Los Angeles, Irvine, and San Diego
- 100+ years supporting wastewater management
- Experience working for several California water districts
- History of meeting schedules and providing cost-effective solutions

Conaway Geomatics, Inc. (SBE, DVBE)

Conaway Geomatics, Inc. is a full-service geospatial firm delivering land surveying, GIS and consulting services focused around providing solutions that meet project requirements. Established in 2019, Conaway brings professional land surveying licenses in California, Texas, Utah, Arizona, and Nevada. Their local office locations allow their team of professionals to easily provide surveying and GIS services throughout California.

- Offices in Placentia and Sacramento
- Extensive Los Angeles region background
- Experience working with **D'Leon Consulting Engineers and Gannett Fleming**
- Survey services delivered on Metro Sepulveda Pass Transit project and LAWA on-call

VALUE
Technical Expertise
Local, Community-Oriented Team
Proven Approach
Directly Relevant Experience

David Hidalgo Architects, Inc.

David Hidalgo Architects (DHA) is a full service architectural firm specializing in commercial, residential, restaurants and office/warehouse projects. The firm has a reputation for design quality, completeness and detailed construction documents and personal service. DHA emphasizes professionalism and responsiveness to client needs, beginning with the design and construction phases through the lease negotiations in order to ensure the client's interests are accommodated.

- Based in Arcadia
- Nearly 4,000 successfully completed architectural projects
- Extensive experience delivering similar scope on capital improvement projects for **City of Pico Rivera**
- Successful renovations and improvements on **Whittier and Durfee Corridor project**

Environmental Science Associates, a California Corporation

For more than 50 years, Environmental Science Associates (ESA) has provided its clients with environmental documentation and consultation to ensure compliance with CEQA, NEPA, and other local, regional, state, and federal regulatory statutes. The multidisciplinary firm of more than 700 staff members successfully addresses the demanding array of environmental issues associated with transportation projects.

- Based in Los Angeles
- Expertise in coordinating with municipalities, transit districts, and transportation agencies
- Experience working for **City of Pico Rivera**
- Successful environmental services on **Historic Whittier Boulevard Bicycle/Pedestrian Bridge Feasibility Study**

Fehr & Peers

Fehr & Peers is passionate about transforming transportation design through innovation and creativity. The firm derives inspiration by partnering with communities to understand and shape local transportation futures objectively tailored to diverse needs. Clients trust Fehr & Peers to help them overcome barriers and uncertainty by combining advanced expertise with curiosity, humility, and initiative to deliver implementable, data-driven solutions that reinforce community values.

- Based in Long Beach
- More than 120 **complete streets projects** delivered in California
- Background supporting Cities of Long Beach, Anaheim, Fontana, Rancho Cucomonga, and Vista
- Deep understanding of multimodal planning, land use, and infrastructure

Gannett Fleming, Inc.

Gannett Fleming is a global infrastructure firm that provides planning, design, technology, and construction services for a diverse range of markets and disciplines. Gannett Fleming specializes in architecture, facility master planning, engineering, and sustainable design. Established in 1915, Gannett Fleming has a long history in California as trusted advisors, providing clients with sound, effective architectural and engineering services, including civil, structural, and MEP services covering all major disciplines.

- Local offices in Irvine, Chino Hills, and Los Angeles
- Deep bench of local and statewide resources with strong technical knowledge
- Experience working under on-call projects with **D'Leon Consulting Engineers**
- Deep understanding of multimodal planning and design

Monument ROW (DBE, SBE, WBE)

Monument is a full-service real estate and right-of-way company providing exceptional service, strategic planning, innovation, and timely delivery. Monument serves local, state, and federal agencies, transportation authorities, and engineering partners with public infrastructure projects throughout California. The firm has successfully delivered hundreds of projects following their company motto: we listen, we innovate, we deliver.

- Based in Irvine
- Professionals with more than 25 years of real estate/right-of-way experience
- Experience working for City of Inglewood
- Commitment to preserving unique neighborhood character despite project challenges

V&A Inc.

V&A, Inc. was established in 2008 around the delivery of large-scale transit infrastructure projects in the Los Angeles region. V&A provides superior civil engineering, traffic engineering, construction management and architectural services. The V&A team of experts includes registered civil and traffic engineers that are committed to providing responsiveness and an experience that is second to none when it comes to delivering a quality work product. The firm brings experience in delivering design support services including the preparation of construction documents and providing design services during preconstruction, traffic studies and signal design, traffic management plans (TMP), and street lighting design.

- Based in Los Angeles
- Local traffic engineering experts with more than 16 years of experience
- Experience working with **D'Leon Consulting Engineers**
- Approach used successfully to deliver traffic engineering design for City of Los Angeles on Riverside Drive roundabout

Vicus LLC (SBE, DBE)

Vicus specializes in planning, design, and environmental consulting services. A female-led and minority-owned and -operated SBE/DBE company founded in 2017, Vicus offers its clients integrated services at every stage of the project delivery process from early planning and analysis to environmental clearance, design, and construction. The Vicus team provides planning expertise, urban design, environmental consulting, and outreach support services on infrastructure projects throughout California. This combination of experience informs the delivery of projects that are inclusive, well designed, and centered around community mobility.

- Headquartered in Los Angeles
- Named **Best Emerging Planning and Design Firm** for Los Angeles and California by the American Planning Association in 2022
- Successfully completed projects for Metro and City of LA
- Proven history coordinating with the **City of Pico Rivera** on first/last mile elements of Metro Eastside Transit Corridor

WSP USA Inc.

WSP brings decades of large transportation, infrastructure projects and delivery expertise to support the spontaneous nature of on-call contracts. The firm commits a local team with local institutional knowledge and local management that can access national resources and expertise as required. Large work-order contracts require a highly qualified team that has the capacity to respond quickly to large and small projects, a strong commitment to quality, cost control and schedule maintenance, and clear team coordination and communication plans. WSP has supported contracts of this type for local clients across Southern California for decades. The firm's ability to act as an interface between client ideas and user demands, particularly in capital improvement projects, to execute their goals is recognized with their portfolio of success.

- More than a dozen offices in Southern California including seven in the LA metro area
- Deep bench of technical experts with excellent qualifications in delivering civil, bus rapid transit, roadway reconstruction and bridge design services as well as grant administration
- Extensive experience working with **D'Leon Consulting Engineers**
- Successfully supported grant administration on active transportation/complete streets project for Streets LA

Yunsoo Kim Designs (SBE, DBE)

Yunsoo Kim Design Inc. was founded in 2015 by Yunsoo Kim, RLA, ASLA, who brings experience from a 35-year distinguished career designing and managing prominent projects including urban spaces, parks, waterfronts, transportation networks, streetscapes, and a variety of on-call projects. The firm's approach to innovative design solutions is strongly rooted in understanding and complying with local ordinances, planning policies, and community needs.

- Headquartered in La Crescenta
- Licensed professional landscape architect and designer
- Background supporting municipalities across LA region
- Delivered similar scope on dozens of projects

SECTION E

Work Approach

E WORK APPROACH

UNDERSTANDING OF THE PROJECT

As neighbors of Pico Rivera, members of the greater Los Angeles community, and users of the region's transportation and transit infrastructure, we are invested in the City's successful delivery of this on-call engineering services contract and its role in your overall long-term capital improvement plans. **We have formed an understanding of the challenges and opportunities facing the City over the coming year, and we are committed to collaborating closely with you to help realize your bold vision for the future of Pico Rivera.**

Capital Improvement Plan (CIP) 2023-2028: This long-range forecast identifies several major public infrastructure improvements focusing on streets, bridges, and roadways; parks and open spaces; stormwater quality, water production, treatment and delivery, and sanitary sewer; City buildings and other facilities; ADA improvements; and other large-scale capital projects. Nearly half of the funding for CIP projects comes from grants with another significant portion of funding coming from taxpayer sources, requiring engineering teams to bring expertise in grant administration, effective budget reporting, and proactive public outreach and communication. Additionally, the City has more than $72 million in ongoing projects that may require on-call support from an engineering team with the ability to join as a seamless extension of the City, as well as more than $63 million in proposed projects during the life of this contract.

Pico Rivera 2035 Community Revitalization Plan: The City has developed a sweeping revitalization program in response to the upcoming Whittier Narrows Dam Safety project that will cause significant impacts to major cultural landmarks such as Pico Rivera Sports Arena, Bicentennial Park, Avenida Vicente Fernandez, Streamland Park, and other spaces in the dam's flood zone. Turning this difficult challenge into an opportunity for growth and resilience, the City plans to implement major infrastructure improvements across Pico Rivera, well beyond the immediate impacts of the dam. These investments include:

- Coordinating with state representatives to establish the Lower San Gabriel River Recreation and Parks District to support development and improvement initiatives along the river corridor
- Implementing a river and riverfront revitalization program to make future-proof improvements along the Rio Hondo and San Gabriel River through Pico Rivera
- Revitalizing Historic Whittier Boulevard and Durfee Avenue with multimodal planning, architectural improvements, alleyway beautification, electrical box art initiatives, and landscape and streetscape improvements
- Laying groundwork with multimodal designs and plans for future projects from agencies including Metro, Amtrak, and CHSRA, as well as upcoming events such as the 2028 Olympics
- Developing plans for Uptown Pico Rivera and a new sports and entertainment complex to improve mobility, economic development, and environmental sustainability while preserving the City's culture and heritage
- Designing new parks and open spaces and improvements to existing parks, including connector projects to improve access and sustainability
- Investing in micromobility and electric vehicles (EV) through street design, planning, and the development of an EV technology hub for innovation in mobility and access

Intentional Approach: With our detailed understanding of your goals and long-range plans, our team will deliver the right expertise and proven approach to help ensure task orders under this contract effectively support the City's CIP and Pico Rivera 2035 objectives.

D'Leon Consulting Engineers is committed to listening and responding to your needs as we work together as partners, innovators, and neighbors to help these plans take shape.

GENERAL APPROACH

We have crafted our team to have the qualifications, expertise and availability to support every aspect of engineering including project management, design, community outreach, preliminary engineering, planning studies, surveys, environmental services, utility coordination, right-of-way determination, prior rights research, grant administration, and preconstruction services including construction authorization, bid support, and construction management and support. We offer availability around the clock and established protocols for rapid response to any task order assigned under this contract.

We anticipate key challenges, identify complex engineering problems, and develop solutions in partnership with our task order managers, technical leads, and City leadership and stakeholders. Our approach emphasizes flexibility and responsiveness while controlling cost, schedule, and quality from day one.

On-Call Contract Management

Our administrative structure is designed to efficiently manage a diverse range of assignments for the City. Because accountability is at the forefront of our performance, Contract Manager/Principal-in-Charge Borja Leon will be the contract administrator overseeing successful delivery of all task orders and services. Coordinating closely with Borja, a task order manager assigned as the City's primary point of contact for the task order will be responsible for all project planning, project execution, and resource allocation. This structure ensures clear accountability, enables maximum flexibility, and fosters effective communication between the DLCE team and the City.

We will deliver this contract through consistent communication with our contract administrator and City project managers and resident engineers, and we will monitor funding and plans in compliance with applicable guidelines and protocols. We understand the scale of projects that will be prioritized with this on-call contract and have positioned our team to support the City with roadway pavement rehabilitation and restoration projects, bridges, rail/transit facilities including BRT facilities, active transportation and complete streets facilities, parks, playgrounds, trails, and other projects that will help the City achieve its ambitious, forward-looking objectives.

Staffing Approach

Our team is committed to supporting the City with effective resource management and proactive, responsive staffing for each task order. Our team is organized to ensure availability when the City needs it — we will maintain a roster of highly skilled professionals who can be deployed to rapidly work on each task.

> Key personnel will be available to the extent proposed for the duration of the Professional Services Agreement and we acknowledge that no person assigned to a project shall be removed or replaced without the prior written concurrence of the City.

During an on-call contract, staffing task orders requires a balance of planning, responsiveness and resource allocation. Upon receiving a task order, our internal project leadership team — including Contract Manager/Principal in Charge Borja Leon, project managers and discipline leads — swings into action. The team assesses the scope, budget, and timeline, then matches the specific needs of the task order with the skillsets and availability of our personnel. Experienced engineers, designers, and technicians create the foundation of our core team, while specialists from our subconsultant partners are brought in for niche scope items as needed.

Flexibility is key, and our firm's size coupled with the deep benches of our subconsultant team allow us to tailor our teams precisely to the City's needs and requirements. Throughout the process of assigning staff to task order assignments, we will maintain close communication with the City to ensure expectations are met and resources are deployed efficiently. This agile approach allows the firm to deliver high-quality work on short notice, maximizing client satisfaction and solidifying our on-call partnership.

Staff Training and Retention: We also view staff training, development, and retention as a key component of workplace culture, with an emphasis on knowledge-sharing and cross-training. Our goal as a team will be to work closely with the City to share best practices and then document them as procedures that all team members will follow. As personnel mature in their roles, we offer the opportunity to cross-train and learn how to perform other positions in the program.

We believe that this approach provides three key benefits:

- Facilitates the development of well-rounded future project managers and technical experts with a holistic understanding of the critical components of managing task orders and project-specific scopes
- Ensures that qualified resources are always available to perform all necessary services
- Creates new opportunities for professional development and career advancement within the team, resulting in improved morale, increased job satisfaction, and higher retention rates

Communication

Effective communication founded on transparency is paramount to the success of any project, and our approach to communication among all our team members is twofold: Ongoing communication across our team and regular, purposeful communication with the City. Internally at DLCE, we leverage modern collaboration tools and platforms to facilitate seamless and quick information sharing, project coordination and updates, focusing on updates and changes, and risk issues. We will use our proven communication approach, our strong working relationships with our subconsultant team, and the unique insights members of our team such as DHA, Vicus, Monument ROW, and WSP have into the City's processes and procedures to help ensure every task order is delivered successfully on time and within budget.

Our commitment to transparent communication also allows us to identify, prevent, mitigate, and resolve issues at the lowest level of the project. Our personnel are empowered to speak up about issues that could affect project schedule, budget, quality, or safety, and we have fostered a culture of listening and responsiveness.

Reporting: We are innovation-oriented and work to develop products that not only meet the needs of the immediate project, but also meet our clients' needs over the long run. We have produced reports/plans to a wide variety of agency formats including Metro, Caltrans, and various municipalities. DLCE brings an extensive template library and can offer an opportunity to help the City develop new standards and establish design and management tools that will streamline future City projects in this period of growth and transition.

Success with Reporting: On the Inglewood Transit Connector project, we helped the City of Inglewood improve their public works title blocks, plan sheets, details, and plot styles and provided the City with CAD files they can share for future projects.

Technology

Technology is at the forefront on what we do and how we work — we have experience using a broad range of applications and platforms such as Microsoft Teams, Google Meet, Slack, SharePoint, Egnyte, Autodesk Construction Cloud, Procore, Quickbase, Revit BlueBeam, and ProjectWise to communicate, document, manage, store and share information so the entire team can stay up to date at any time. We also have experience using the latest AutoCAD, MicroStation, and specialty drainage software and hardware with the latest macro tools to facilitate all engineering and design productivity and can help train our team members and City personnel in using and leveraging these applications as required to streamline the City's processes.

Success with Technology: On the SR-57/60 Freeway Widening project for Metro/Caltrans, we developed an Excel macro that enabled partial automation of the cost estimation process and saved the project hundreds of hours by allowing for quicker calculations for design changes.

Project Controls

Quality Control/Quality Assurance

Our QA procedures consist of detailed, step-by-step instructions that guide designers through the preparation of their designs and design deliverables. The QA process focuses on collaboration and design documentation. Our team uses Microsoft Teams software to aid both. QA documentation includes design criteria with citations, explanations of deviations from design criteria (including the requirement to notify the DLCE team project manager), quick exhibits to explain design decisions, and any sort of design calculation. Our approach to QA includes documentation of internal, multidisciplinary, and external agency reviews, as well as tracking responses to comments and questions from the City and other stakeholders.

Our QC procedures include instructions for three types of checks: detail checks, independent technical reviews, and constructability reviews.

Figure 3 summarizes questions answered by each type of check. DLCE and our team are well-versed in both design and construction, and we bring sufficient design staff to guarantee that the individuals who prepare the design are separate from the individuals checking the design.

Schedule Control

Controlling the schedule on task orders under an on-call contract requires planning and a commitment to responsiveness.

- **Proactive Planning and Communication:** When we receive a task order assignment, Borja, the assigned project manager and the discipline lead for the task order will establish a baseline schedule that align with the City's proposed schedule. This baseline schedule includes typical workflows, resource availability, and stakeholder timelines for items that may be on the critical path. We will work closely with City personnel to help ensure schedule development accommodates the task order fully.
- **Task Order Analysis:** Our team will conduct a deep-dive analysis of the task order, its scope of work, and its requirements to determine its complexity, identify challenges and potential risks to the schedule, and prepare for critical-path and long-lead items.
- **Continuous Maintenance:** We conduct schedule reviews on a weekly basis to confirm that design and engineering tasks are staying on schedule and to identify and plan resolutions for any potential impacts to the schedule.

Cost Control

Our method for tracking budget and scope relies on a set of highly customized, macro-enabled tools within Microsoft Excel. One major benefit of these tools over expensive and complicated online alternatives used by other firms is that DLCE developed the tools in-house, which allows them to be tailored specifically to City projects and refined continually.

Success with Schedule and Quality: On the Inglewood Transit Corridor project, DLCE's QA/QC process helped ensure quality deliverables in a flexible alternative delivery environment with challenges presented by third-party stakeholders, project funding sources, and ineffective project management procedures. Through our proven quality approach, we established achievable deliverable timelines and clarified ambiguous project requirements, allowing our team to submit all deliverables on or ahead of schedule. Notably, we were able to progress the design/plan from a 15% plan to Approved for Construction in less than two months including plans, graphics, and standards.

Figure 3. *Design QC Process*

Detail Check • Reviewed by personnel familiar with project

- Is every letter and number correct?
- Are calculations documented and correct?
- Is the document consistent?

Independent Technical Review • Reviewed by personnel familiar with project

- Does the design follow sound practice?
- Are design deviations justified?
- Do the design and documentation meet the objectives?
- Do the design and documentation explain and illustrate the design effectively?
- Are there unresolved elements of the proposed work?
- Are bid items appropriate and are costs sensible?

Constructability Review • Reviewed by engineers separate from project

- Do the design documents explain the work effectively?
- Are any portions unreasonably difficult or expensive to construct?
- Are bid items appropriate and adequately defined?
- Does the design reflect how the work is actually done?
- Are restrictions (e.g., temporary traffic control, utility coordination, etc.) reasonable?

The process of tracking budget and scope and refining our tracking tool begins with the original fee proposal. The fee proposal is user-friendly and allows the project manager to create a work breakdown structure (WBS) that matches the scope exactly. The fee proposal and WBS automatically feed into a tool that asks the project manager for information regarding the schedule and exact individuals that are expected to work on tasks. This information, combined with reports generated by our online timesheet service, is used to perform regular earned value analyses while the project is underway. This allows the project manager to identify concerns and adjust more often than simply monthly when the project is invoiced.

Project scope is monitored through close communication with the project team. Regular internal meetings provide an opportunity for project staff to voice concerns with the project manager.

DELIVERING THE SCOPE OF SERVICES

A. Project Management

Key Firms D'LEON

On each task order, the **DLCE** team will oversee all project management activities from award through closeout. Our project management services include:

- Developing proactive staffing and resource plans including internships and workforce development integration
- Managing stakeholder coordination plans and stakeholder agreements
- Tailoring our quality plan
- Facilitating and scheduling meetings and preparing and distributing meeting minutes
- Managing the schedule and budget
- Conducting field reviews
- Tracking action items as a representative of the City
- Preparing Caltrans Local Assistance submissions on federally funded projects

Our project management personnel including Borja, assigned task order managers, and key discipline experts will work with the City and our advisory committee to ensure we have a detailed understanding of the task order, the communities and neighborhoods affected, the long-term plans and initiatives it serves, and the City and community concerns that we can help mitigate and resolve.

B. Community Outreach

Key Firms arellano associates

Our team will provide community outreach services as required on each task order. Our project management and community outreach personnel will support the City by attending presentations and meetings and serving as a resource for project information by answering questions from the public and the City. We will also develop and deliver the following types of outreach materials in both print and digital format where applicable: PowerPoint presentations, project fact sheets, concept renderings, GIS storymaps, plans, and drawings.

COMMUNITY OUTREACH IN ACTION:

On the City's **Telegraph Road Bridge** project, **ARELLANO ASSOCIATES** is implementing a bilingual (English/Spanish) outreach program to inform key stakeholders, businesses, and residents of the details of this project. Using their experience maintaining a project information database, developing collateral materials, implementing targeted outreach to key stakeholders — Rivers & Mountains Conservancy, San Gabriel Valley Coalition, nearby schools, and residents — Arellano Associates will deliver the same level of excellence in community outreach on this on-call contract.

Fact Sheet for **Telegraph Road Bridge Project**

Success with Managing and Coordinating a Complex Municipal Project: On the City of Los Angeles's Sixth Street Viaduct project — which was delivered as a CM/GC, a first for both the city and the multiple utility owners whose utilities were impacted by the project — **DLCE** provided preliminary engineering and utility coordination, relocation, and design services in a project area with complex utility and environmental challenges, including protecting large storm drains that lead to the LA River. The project took place in a dense urban area adjacent to a LADWP substation with three underground transmission lines that needed to be located and protected without impacting proposed project sites for nearby structures. The project area also included dense overhead power transmission and distribution lines, as well as a massive overhead telecom system that needed to be relocated.

Third Party/Caltrans Local Assistance Liaison Paul Spiteri of DLCE worked closely with utility owners and other third-party stakeholders to gain their buy-in for the project and the delivery method, allowing the utility coordination and relocation to occur in a timely manner and helping maintain the project schedule.

C. Preliminary Engineering and Planning Studies

Key Firms: D'LEON, WSP, GANNETT FLEMING, VICUS, FEHR PEERS

Our preliminary engineering and planning studies team will provide the City with project locations, design concepts, and other related deliverables to help establish parameters for design for disciplines including traffic, multimodal operations, geometrics, hydraulics, geotechnical, bridge, landscape architecture, electrical, intelligent transportation systems (ITS), and others as needed.

Through subconsultants including **FEHR & PEERS** and **VICUS**, our team brings experience and expertise in a range of planning services including feasibility studies, alternatives identification and analysis, transportation corridor planning, transit-oriented communities (TOC)/transit-oriented development (TOD), station area planning, BRT planning, first/last mile planning, and active transportation planning. We also have expertise on the development of SB 743 guidance related to VMT analysis throughout California and can consult on potential outcomes associated with the use of new transportation metrics.

PLANNING STUDIES IN ACTION: The City of Palmdale is creating a sustainable transportation plan to improve traffic safety, reduce emissions, and enable future housing development. **VICUS** conducted a social equity analysis to identify communities disproportionately burdened by problems related to traffic safety, VMT levels, and congestion. The team developed sociodemographic maps indicating low-income and disadvantaged communities comprising minority populations, seniors, youth, and zero-car households within the City of Palmdale to guide planning and decision-making.

D. Surveys, Mapping, and Field Reviews

Key Firms: CONAWAY GEOMATICS

With **CONAWAY GEOMATICS** at the helm, the DLCE team will oversee all data collection, mapping, and surveying needed to support preliminary engineering, design, cost estimation, environmental clearance, and right-of-way analysis efforts on each task order. Our survey personnel are experienced in delivering comprehensive mapping and surveying services that comply with the Professional Land Surveyors' Act and the California Business and Professions Code.

Success with Surveying: CONAWAY GEOMATICS' services were fundamental for the successful implementation of the Crenshaw North Environment project. By conducting records research, creating accurate maps, establishing geodetic control, and adhering to industry standards, they ensured that the project had a reliable and accurate geospatial foundation.

Projects that require surveying and mapping services will be assigned to a California-licensed professional land surveyor who will coordinate with the City to define the project scope of services, survey schedule, assign the staff and determine the best survey technologies and methods to complete the requested scope.

Survey data will be processed in Trimble Business Center software and exported to Autodesk Civil 3D or Bentley MicroStation to create the final mapping products which may include topographic mapping, right of way maps, records of survey and exhibits. All survey data passes through a rigorous internal QA/QC process prior to delivery to the client.

SURVEYING IN ACTION: Our survey personnel, led by **CONAWAY GEOMATICS**, will use the latest survey technologies and the best surveying and mapping methods to achieve the accuracy requirements for each task. Survey field teams will be equipped with robotic total stations, high-definition LiDAR static scanners, dual-frequency GPS receivers, UAV drone mapping systems and digital levels.

E. Environmental Studies and Documentation

Key Firms: ESA

Our environmental team — led by **ESA** — brings years of combined experience overseeing the documentation and permitting process on design and construction projects across California. We will consult with the City to determine the appropriate project environmental needs to assign qualified planners and technical support to prepare required environmental documentation, provide third-party peer review of independently prepared

technical studies, or complete other tasks related to environmental documentation in accordance with CEQA, City requirements, and Caltrans Local Assistance Program Manual NEPA Guidance.

CEQA

- **Categorical Exemption and Technical Support:** We will provide a cost-effective approach to ensuring that the exceptions to the exemption are not triggered and that substantial evidence is provided where necessary.
- **Negative Declaration (ND) or Mitigated Negative Declaration (MND) Support:** We will conduct a preliminary determination of the potential for significant impacts and scope the necessary technical analysis, including technical studies, to support a conclusion of less than significant or less than significant with mitigation.
- **EIR Support:** If it is determined that a project qualifies for preparation of an EIR, our team will prepare a technical scope, cost estimate, and schedule for preparation of the appropriate documentation, including identifying the necessary technical studies or work products.

NEPA

On projects with federal funding, we will provide required compliance with both CEQA and NEPA. We will prepare a draft PES form per the Caltrans Local Assistance Procedures Manual Chapter 6 as needed, and we will work with the City and Caltrans District 7 as needed to determine the appropriate level of NEPA documentation. In addition, our environmental and public outreach teams will partner with the agencies to ensure that the level and scope of public involvement meets this requirement. Our team also brings experience addressing environmental justice, and **ESA** has a team of experts who will focus on socioeconomic impacts as needed.

ENVIRONMENTAL DISCIPLINE IN ACTION: On the City's **Telegraph Road Bridge** project, **ESA** is overseeing completion of environmental technical studies to support CEQA, NEPA, and regulatory permitting for the project, including noise study, noise abatement decision report, air quality and conformity report, archaeological survey report, historic property survey report, paleontological memo, visual impact assessment memo, and energy analysis report.

F. Utility Research and Coordination

Key Firms D'LEON

Our team brings expertise with utility mapping from outreach and as-built collection, additional data collection from NavigateLA, and agency databases to the preparation of CAD base files for project use. We are intimately familiar with Caltrans CAD standards and will implement checking processes to ensure all products meet requirements.

Through our flexible, responsive approach to staffing and with the support of our deep bench of resources, we are able to scale our efforts depending on the scope, schedule, and budget of each task order. We will leverage our understanding of local agencies and stakeholders and our strong working relationships with all major utility owners in the Los Angeles region to predict potential risks, develop mitigation plans, and engage utilities early to fast-track long-lead items such as relocations.

UTILITY COORDINATION IN ACTION: On the City of Inglewood's Transit Connector project, **DLCE** designed and produced an early relocation package for more than 3,000 feet of 12-inch and 24-inch city water line relocation, moving plans from 15% to 100% and approved in approximately two months. Additionally, our team quickly accommodated the city's addition of 300 feet to the 24-inch line relocation element of the task, maintaining schedule for the overall project.

G. Right-of-Way Phase and Determination *and* M. Prior Rights Expertise

Key Firms monument

Our right-of-way and prior rights expertise team — led by **MONUMENT ROW** — will evaluate the prior rights history and potential right-of-way requirements for the affected parcels in connection with the proposed improvement projects and perform all right-of-way services in accordance with state and local laws and regulations. This ensures the City's projects always maintain regulatory compliance throughout project delivery.

Our right-of-way services will also include:

- Project management and reporting
- Right-of-way analysis
- Fee appraisals
- Preparation of offer packages and negotiations
- Relocation services
- Title and escrow services

RIGHT-OF-WAY DISCIPLINE IN ACTION: The **MONUMENT ROW** team is working together with the City of Inglewood, **DLCE** and other consultants, and the Inglewood community to find creative relocation solutions for businesses impacted by the Inglewood Transit Connector project and related development in recent years. Our approach includes seeking additional funding sources to offer displaced businesses help bridging the gap between available funding and actual costs incurred.

H. Design

Engineering Design Services

Key Firms

D'LEON
WSP
DHA
FEHR PEERS
YKD

Our team provides a full range of engineering design services including hydraulics, drainage, storm drain, geotechnical, bridge, civil, streets, roadway, and transit including rail and bus rapid transit. As a result of our combined decades of experience delivering capital improvement projects and programs across Southern California for municipalities, counties, and public agencies, we have a proven approach to managing and delivering these services that results in high-quality facilities that meet the needs of users, improve safety and sustainability, and achieve even aggressive budget and schedule requirements.

Roadway/Geometry: Our team — particularly **DLCE**, **WSP**, and **FEHR & PEERS** — delivers street designs that range from concept plans to construction documents. We provide designs addressing geometric design, traffic controls, lighting and more. We bring extensive experience designing innovative bikeways and safety-focus pedestrian facilities that address the needs and context of the community. We ensure that infrastructure is designed with all potential users in mind.

Complete Streets/Active Transportation: We often conduct design charrettes with our team to develop possible concepts for complete streets and active transportation projects, followed by thorough engineering analysis to evaluate curb radii, lane widths, and other important design elements. When appropriate, we use multimodal transportation simulation to operationally test the design options and understand the benefits and the tradeoffs to all transportation modes.

Subconsultant team member **FEHR & PEERS** is a national leader in multimodal transportation analysis and simulation and operations, evaluating the effect of and optimal design for all types of transportation projects, from at-grade median running light rail and bus rapid transit to protected bikeways and freeway interchanges. The level of effort and the complexity of the analysis and design solution depends on the variety of users on a corridor, the number of interactions and potential conflict points, the goals of the community, and the project objectives.

Bridge/Civil Structures: Our approach to delivering high-quality bridge and civil structures begins by thoroughly understanding the project's purpose, budget, and site constraints. We delve into analyzing geological/geotechnical studies, land surveys, environmental assessments, traffic patterns, and data from other planning studies. Armed with this knowledge, we employ specialty software that considers factors like structural integrity, aesthetics, and sustainability, as well as stresses, forces, and material properties, ensuring the structure can withstand its intended use and anticipated environmental loads. Throughout the process, our designers prioritize safety of both construction teams and end users. We also collaborate with construction teams, providing detailed plans and specifications to ensure the built project aligns with the vision.

Rail/Transit/BRT: Our team brings demonstrated extensive expertise in rail and transit, including BRT,

Success with Active Transportation Design: On Metro's LA River Bike Path project, DLCE led proactive negotiations with LADWP early in the design process to identify potential risks early and avoid fatal-flaw design elements that could put the schedule at risk. Our design team created multiple technical exhibits and held additional technical review meetings to ensure all critical items were identified and addressed. Our innovative data management techniques coupled with our commitment to capturing and documenting communications and decision-making throughout the design process resulted in streamlined design changes and coordination efforts with LADWP.

and we apply the latest concepts in transit service quality, sustainable development, and social equity to improve economic opportunity and environmental conditions. Key subconsultant team member **WSP** has designed multiple highly advanced transit, rail, and BRT systems and has been a leader in the advancement of transit technologies including ITS, transit signal priority, innovative lane treatments like bi-directional and counterflow lanes, bus lane safety, and customer experience like level boarding for BRTs.

Our approach to transit/bus service planning integrates our deep understanding of all the related factors (land use, travel patterns, congestion and delay) with our expertise in community engagement specific to transportation planning, to ensure a balanced network that serves the community.

Landscape Architecture: Our team's approach to landscape architecture — defined by **YUNSOO KIM DESIGN** — responds effectively to cultural, environmental, and project opportunities and challenges to deliver high-quality, unique, and sustainable facilities that will stand the test of time. Our team will use our understanding of the region's climate and the City's long-term plans to ensure landscape designs use the right stormwater management, drainage, accessibility, sustainability, and multimodal interconnectivity principles.

Parks and Playground Design: Our approach to park, open space, and playground design begins with understanding the needs of the people who will eventually use these facilities — the developmental needs of children, the social and physical needs of families, the connectivity and mobility needs of neighborhoods, and the cultural needs of the surrounding community.

Success with Civil Design: On LAWA's RUE project, the DLCE team successfully executed and provided the civil design and the 3D modeling for all new domestic water and fire water lines within the entire airport's Central Terminal Area (CTA). This included producing full design sheets, coordinating with LADWP, the Los Angeles Department of Building and Safety (LADBS), and other City of Los Angeles departments, providing points of connections to all major airport terminals and working with the new earthquake-resistant ductile iron pipe that LAWA is now requiring for all underground pipe designs, among other elements.

Led by subconsultant **YUNSOO KIM DESIGN**, our parks and playgrounds design team will conduct design charrettes, public workshops, interviews, presentations, and online surveys to deliver a design that meets the Pico Rivera community's needs and reflects their cultural values.

Utility and Drainage Design: Third-party coordination is an essential component of utilities and drainage work, so we engage with utilities early and often throughout planning, design, and construction, depending on the project type. We are familiar with writing, negotiating, and navigating existing franchise agreements and third-party agreements to ensure successful utility coordination and management from project kickoff.

We work proactively with utilities to identify and map existing structures, design, and deliver relocations and new services. Our staff are skilled

Success with Architectural Design: **DHA** is providing commercial facade renovations and site improvements on multiple municipal buildings as part of the **City of Pico Rivera's Whittier and Durfee Corridor project**. DHA has delivered services — including site documentation, facade enhancement design, paseo/alleyway conceptual design, parking lot hardscape/landscape design, architectural theme guideline development, and materials specification development — for 37 buildings:

- 3,600 feet existing buildings facades, including rear facades along Whittier Boulevard and Durfee Avenue
- 4,500 feet of street frontage including the alley/paseo
- 350 feet of railroad underpass walls frontage
- Preliminary schematic design theme sketches for site improvements for the Speedway Alley and the alley/paseo between Deland Avenue and Durfee Avenue to be further developed in the next phase of the project

with developing utility designs in both Microstation and AutoCAD and taking plan sets through agency approval and construction. We are familiar/experienced with producing plans for local utilities including LACSD, LADWP, SCE, and more.

For alternative delivery projects, such as design-build and CM/GC, we recommend including a utility corridor manager (UCM) to serve as an advocate of the project with City public works and private utility personnel. The UCM ensures that ongoing utility developments are altered to avoid future impacts to the projects or redundant relocations. The UCM conducts regular coordination meetings and ensures all parties are working towards the common goal of successful infrastructure development that meets all their clients' needs.

Architectural Design Services

Our team includes **DHA** to provide comprehensive architectural design services, site development, urban design and master planning, as well as landscape architecture and streetscape services. DHA brings decades of experience supporting municipalities across Southern California including the City of Pico Rivera (see previous page for details) and the City of Long Beach. We are committed to helping the City realize its ambitious plans to improve the walkability and resilience of its infrastructure while preserving the Pico Rivera community's culture and heritage through intentional, thoughtful designs inspired by Mexican vernacular Spanish colonial architecture.

ARCHITECTURE DESIGN IN ACTION: DHA worked with the City of Lynwood to create Plaza Mexico, a cultural space that taps into the Mexican-American community's nostalgia for the look and feel of Mexican cities by invoking urban planning principles from five centuries ago. DHA's approach involved recreating 16th and 17th century Mexican Spanish colonial architecture and its many intricacies: rich colors, ornate textures, and an architectural design approach that focuses not just on the appearance of a building, but on the culture of the people the architecture draws in — using architecture as a vehicle for culture.

I. Construction Phase Authorization *and* J. Bid Support Services

Key Firms
D'LEON
GANNETT FLEMING

Our team will prepare requests for authorization (RFA) in a timely manner to advance projects to construction. We will follow the procedures outlined in the Caltrans Local Assistance Procedures Manual.

Ensuring the City receives qualified and competitive bids for projects under this contract is another valuable cost control opportunity. We will reach out to the general contracting community to generate interest in the project with the goal of increasing the number of bidders and producing a more competitive environment, which typically reduces costs. To ensure the most qualified bidders participate, we also suggest conducting a prequalification process. Bid phase services include:

- Reviewing and providing comments on the City's solicitation package to confirm all RFP items are addressed and consistent between documents
- Supporting the development of complete and coordinated sets of request for qualification (RFQ)/RFP bid documents and assist in the development of a bidding process that meets the City's requirements
- Providing public relations support and generation of bidder interest through outreach events and bid advertisements
- Establishing bidder prequalification standards to allow for a seamless bidding process
- Assisting in the development of design documents to accommodate separate bid packages based on current market trends and labor analysis
- Supporting the development of complete and coordinated sets of RFP bid documents for the prime package
- Coordinating bidding schedules, prequalification efforts, meetings and RFI and addendum reviews and issuances

BID SUPPORT IN ACTION: Our subconsultant team member **GANNETT FLEMING** is currently working with the City of Inglewood to manage and advise on the bid phase of the Inglewood Transit Connector project to help ensure the City receives competitive bids that will result in effective, efficient construction teams delivering high-quality products.

CONSTRUCTION PHASE AUTHORIZATION IN ACTION: Third Party/Caltrans Local Assistance Liaison Paul Spiteri of **DLCE** brings extensive experience developing deliverables that conform with Caltrans requirements, including Local Assistance requirements. He will support the City and the design and planning team by performing quality checks on Local Assistance deliverables as projects transition to construction.

- Conducting phasing analyses to consider key factors of City needs, space constraints, neighborhood relations, pedestrian and traffic concerns and protection of existing facilities
- Determining project needs requiring third-party consultants and procedures for prequalifying potential multi-prime contractors
- Supporting the development of a bidding process that meets the City's needs and aligns with its standards
- Reviewing, evaluating and recommending the prequalification of potential bidders and final bid proposals

K. Construction Support Services

Key Firms: D'LEON, GANNETT FLEMING

During the pre-construction phase of task orders as required, our team will facilitate and attend pre-construction kick-off meetings and review submittals and RFIs from contractors.

Our team will be available as requested by the City to resolve discrepancies in the contract documents; observe the contractor's work from the beginning to the end of the construction period to verify compliance with the design requirements; oversee resolution of defects or deficiencies in the work by the construction contractor; prepare and deliver to the City the final as-built plans incorporating field-marked prints supplied by the City; and incorporate all changes to the plans electronically, including AutoCAD files, with all necessary revision notations and record changes.

CONSTRUCTION SUPPORT IN ACTION: On the City of Los Angeles' Valley Boulevard Street Improvements project, **DLCE** coordinated with City project teams, the City Governmental Affairs Manager and with the City's outreach subconsultant to ensure the City's design guidelines were being followed.

L. Grant Administration

Key Firms: D'LEON, WSP

On grant-funded projects, our team will oversee preparation of requests for authorization (RFA) to Caltrans Local Assistance for various phases from preliminary engineering through construction. Additionally, we will prepare award packages and final reports for Caltrans and support the preparation of federal and state invoices in compliance with Caltrans, FHWA, and City standards.

Our team has provided budget reporting and administration on multiple grant-funded projects for municipal, county, and other agency owners. We ensure all grant funding milestones are tracked on project schedules and deliver budget reports in compliance with funding requirements and other regulations. We bring demonstrated success with state and federal grant applications and are adept at showing the benefits that can be realized through funding important infrastructure projects and have helped clients secure millions of dollars in federal funding and financing for more than a hundred of infrastructure projects. We have done this by:

- Staying informed of funding opportunities and federal policy and regulatory developments
- Advising our clients on how to best align capital programs and projects with available state and federal discretionary funding
- Shaping projects to be competitive for funding
- Helping clients navigate complex state and federal pre-grant planning and application requirements

GRANT ADMINISTRATION IN ACTION: Working as a consultant for Metro since 2017, **WSP** has successfully acquired more than $3.8 billion in transportation funding for the Los Angeles County region, including successful applications under these programs:

- California ATP
- California TIRCP
- California SB 1 - LPP, SCCP, TCEP
- Federal INFRA
- Federal Railroad Crossing Elimination
- Federal Low or No Emissions Grant
- Federal Expedited Project Delivery Program

SECTION F

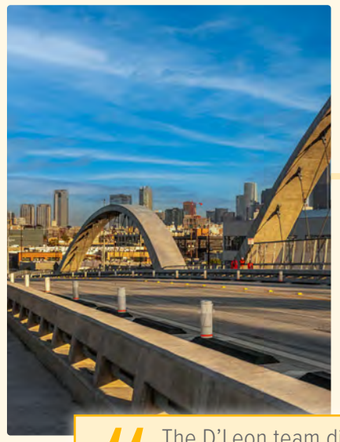
Client References

F CLIENT REFERENCES

DLCE engineers have contributed significantly to high-profile infrastructure projects across Los Angeles and the greater Southern California region, and we have proven, effective, established relationships with key local agencies. We are familiar with the structure and operating procedures of the City's primary project stakeholders, and we will use that knowledge to help ensure every task order under this contract is delivered successfully.

CITY OF LOS ANGELES

DLCE has provided engineering and design; project and program management; utility identification, engineering, and coordination; stakeholder coordination including CBO coordination; public involvement; and AutoCAD services for the City of Los Angeles since 1995.

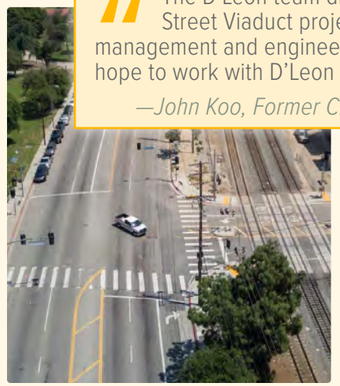


Client Reference: City of Los Angeles, 200 N Spring St, Los Angeles, CA 90012, John Koo, PE, SE, former City of Los Angeles Bridge Division Chief, (213) 675-8822

RECENT PROJECT HISTORY

- **Sixth Street Viaduct Project:** This $558 million project consists of removing the existing 6th Street Viaduct and replacing it with a new viaduct approximately 3,700 feet in total length. The replacement viaduct improves sight distances and design speed to meet current standards.

> "The D'Leon team did an amazing job delivering [the Sixth Street Viaduct project] on time and providing project management and engineering support on the overall project. I hope to work with D'Leon again."
>
> *—John Koo, Former City of Los Angeles Bridge Division Chief*



- **Valley Boulevard Street Improvements:** This project includes improvements along Valley Boulevard in El Sereno to create a multimodal corridor while also providing new opportunities for green space and access to wrap-around health services at County Hospital.

CITY OF INGLEWOOD

DLCE has provided project management and construction management for the City of Inglewood since 2018.

Client Reference: City of Inglewood, 1 W Manchester Blvd, Inglewood, CA 90301, Louis Atwell, Assistant City Manager, (310) 412-5333

RECENT PROJECT HISTORY

- **Inglewood Transit Connector:** The Inglewood Transit Connector (ITC) is a 1.6-mile automated people mover (APM) mass transit line to close the last-mile gap and connect passengers between the Metro Crenshaw/LAX Line and Downtown Inglewood. The project also includes three stations, a maintenance storage facility (MSF), two traction power substations, and surface parking.

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

DLCE has worked on Metro projects since 1993. Our services have included utility identification, relocation, and design; third-party coordination; track design; street and road improvements design; grading; ADA access; coordination services; design checking; civil engineering support; drainage design; construction management and supervision; project management; bridge widening supervision; construction management; document control; and field engineering and inspection.

Client Reference: Metro, MTA Building, 1 Gateway Plaza, Los Angeles, CA 90012, Jim de la Loza, former Metro Chief Planning Officer, (213) 922-3050

RECENT PROJECT HISTORY

- **LA River Bike Path:** This project is constructing an 8-mile shared-use bicycle and pedestrian path between Elysian Valley and the City of Maywood, through downtown Los Angeles and the City of Vernon, closing the gap in the existing LA River Path, improving safety for pedestrians and cyclists, and providing another active transportation option in the region.
- **Eastside Transit Corridor (ESP2):** Metro conducted an ACE process for this light rail project. Two alternatives are being evaluated in this phase.
- **I-105 ExpressLanes:** Metro is implementing an intiative to ease traffic congestion throughout Los Angeles County with an expanded network of high-occupancy ExpressLane toll roads. These ExpressLanes additions will be introduced along the I-105 highway that stretches from El Segundo to Norwalk requiring bridge widenings on highway under crossings to facilitate the construction of additional lanes. Incentives, such as free use of the ExpressLanes, will be given to buses, carpools, and vanpools; however, single drivers will be given the opportunity to use them at a fee. Consistency and dependability of travel times and traffic flow improvement are this project's objectives.
- **Crenshaw/LAX Transit Corridor:** This project is an 8.5-mile-long light rail project consisting of 1 mile of underground tunnel, as well as at-grade and cut-and-cover construction. It will serve the Crenshaw Boulevard corridor, South Los Angeles and Westchester communities along with LAX. The project consists of eight stations, a maintenance facility, park-and-ride lots, traction power substations and the acquisition of rail vehicles and maintenance equipment.
- **I-5 North Truck Lane Improvements:** Metro and Caltrans District 7 are making operational and safety enhancements along the I-5 freeway in the northern part of Los Angeles County from the SR-14 interchange in Santa Clarita to just south of Parker Road in Castaic. These enhancements will augment safety on the freeway by increasing access for merging and offering trucks a separate lane from the general-purpose lanes (GPL) and are expected to provide a much faster and smoother driving experience in the area for locals and travelers.
- **Sepulveda Transit Corridor Conceptual Engineering and Pre-Development Agreement:** The Sepulveda Transit Corridor (STC) is an approximately 15-mile rail system with nine stations, connecting the San Fernando Valley to the Westside. Metro is currently weighing six alternatives, five aerial and one underground. The STC project is in the environmental review and ACE stages.

Additional projects for Metro include:

- Westside Extension Advanced Concept Engineering
- Purple Line Extension Planning and General Engineering
- Westside Purple Line Extension Financial Planning, Sections 1, 2, and 3
- Exposition Light Rail Phase 2
- Downtown Regional Connector
- East San Fernando Valley Light Rail
- Red Line Subway Segments 1, 2, and 3
- Foothill Gold Line Phase 2A
- SR-91 Freeway Widening
- I-605/SR-60 Interchange
- East San Fernando Valley

Figure 4. *Selected Subconsultant Client References*

Client Reference and Services	Sample Project
Arellano Associates ◆ NCM Engineering: Kimberly Furuyama, (949) 546-0822 ◆ Bilingual outreach program development	**City of Pico Rivera – Telegraph Road Bridge:** The City of Pico Rivera is partnering with the cities of Downey and Santa Fe Springs to update Telegraph Road over the San Gabriel River Bridge.
Black and Veatch ◆ Metropolitan Water District of Southern California (MWD): Jose Aldrete, (213) 217-6894 ◆ Preliminary and detailed design – conveyance	**MWD – Second Lower Feeder PCCP Rehabilitation:** This project rehabilitates the existing 40-mile pipeline operating at up to 270 psi and located in a heavily congested urban environment.
Conaway Geomatics ◆ Parsons: Nathan Burgess, (626) 372-9735 ◆ Land survey support	**County of Los Angeles – G-Line Bus Rapid Transit:** Progressive design-build to design and modernize the corridor for BRT.
David Hidalgo Architects, Inc. ◆ City of Pico Rivera: Steve Carmona, (562) 801-2163 ◆ Facade renovations and site improvements	**City of Pico Rivera – Whittier and Durfee Corridor Improvements:** Commercial facade renovations and site improvements for a total of 37 buildings in Pico Rivera's downtown core.
Environmental Science Associates ◆ County of Los Angeles – Public Works: Reyna Soriano, (626) 458-5192 ◆ CEQA/NEPA document preparation and technical studies	**County of Los Angeles Public Works – San Francisquito Bridge:** The project includes replacement of an existing two-lane bridge with a railroad flatcar bridge on top with a permanent bridge structure and roadway realignment.
Fehr & Peers ◆ City of Pico Rivera: Javier Hernandez, (562) 801-4395 ◆ Mobility, collision, and multimodal analysis	**City of Pico Rivera – Historic Whittier Boulevard Specific Plan:** This plan will serve as the foundation for the development and design of Pico Rivera's uptown district.
Gannett Fleming ◆ City of Inglewood: Louis Atwell, (310) 412-5333 ◆ Infrastructure engineering and design consulting **Monument ROW** ◆ Trifiletti Consulting: Tami McCrossen-Orr, (626) 807-3203 ◆ Right-of-way services	**City of Inglewood – Inglewood Transit Connector:** The primary goal of this 1.6-mile project is to close the last-mile gap. This project includes an elevated APM that will provide direct connections between the Metro Crenshaw/LAX Line and Inglewood's major employment, commercial, housing, sports and entertainment centers. The project will have three stations at Market Street/Florence Avenue, Manchester Blvd/Prairie Avenue, and Hardy Street/ Prairie Avenue.
V&A Inc. ◆ City of Los Angeles: Ignacio Villa, (323) 974-8599 ◆ Traffic engineering design and traffic signal	**City of Los Angeles – Riverside Drive Viaduct Replacement over LA River:** This $40 million bridge renovation spans the LA River between I-5 and I-110.
Vicus ◆ Metro: Dolores Royball-Saltarelli, (213) 922-3024 ◆ First/last mile planning and design	**Metro – Eastside Transit Corridor Phase 2:** The Eastside Transit Corridor Phase 2 project is a light rail extension of the existing Metro E Line.
WSP ◆ City of Los Angeles Streets LA: Brian Ahn, (213) 887-1037 ◆ Environmental clearance, preliminary engineering	**City of Los Angeles Streets LA – Connecting Canoga:** This project is a visionary active transportation, multimodal safety, and urban cooling project in the heart of the Canoga Park community.

SECTION G

Rights to Materials

SECTION H

Schedule of Hourly Rates

G RIGHTS TO MATERIALS

We understand that all responses, inquiries and correspondence relating to this RFP and all reports, charts, displays, schedules, exhibits and other documentation produced by the consultant that are submitted as part of this proposal and not withdrawn shall, upon receipt by the City, become property of the City.

H SCHEDULE OF HOURLY RATES

Beginning on the following page, we have included our schedule of hourly rates identifying job titles of all personnel included in our organizational chart (page 8) and associated hourly rates that reflect all costs for office overhead and direct and indirect costs. This schedule will remain fixed for at least the first three years of the term of the professional services agreement (PSA).

Name	Role on Organizational Chart	Corporate Title	Hourly Rate*
Borja Leon, PE	00 KEY - Principal-in-Charge/Project Manager	President/CEO	$ 280.08
David Hidalgo	01 KEY - Advisory Committee, Building Architecture	President / Principal Architect	$ 250.00
Edna Jimenez	01 KEY - Advisory Committee, Community Outreach	Project Manager	$ 221.03
Monica Villalobos	01 KEY - Advisory Committee, Community Outreach, First/Last Mile	President | Principal	$ 274.07
Miguel Nunez, AICP	01 KEY - Complete Streets/Active Transportation	Principal	$ 275.00
Melissa Logue	01 KEY - Environmental Planning/Studies	Principal Consultant 4	$ 324.00
Kristin Carlson, AICP	01 KEY - Grant Administration, Preliminary Engineering/Planning Studies	Vice President, Environmental Planner	$ 106.26
Juan Diaz-Carreras	01 KEY - Hydraulics/Hydraulic Analysis, Storm Drain/Drainage	Senior Client Service Director	$ 400.00
Gerzain Figueroa	01 KEY - ITS Elements, Traffic and Multimodal Operations	Executive Manager	$ 390.00
Martin Ramirez	01 KEY - Landscape/Streets Architecture	Sr. Manager, Architecture	$ 105.60
Ryan Browne	01 KEY - Roadway/Geometry, Rail/Transit/BRT Facilities	Senior Civil Engineer	$ 239.23
Julia Tung, EIT, LEED AP	01 KEY - Task Order Manager	Civil Engineer, EIT	$ 112.56
Tess Nguyen	01 KEY - Task Order Manager	Operations Manager	$ 133.54
Paul Spiteri	01 KEY - Third Party/Caltrans Local Assistance Liaison, Permitting and Compliance	Preconstruction, Third-Party Coordinator	$ 233.91
Selena Pham	01 KEY - Utility Design	Civil Engineer	$ 118.28
Chris Rincon	Basemapping	Civil Engineer	$ 79.64
Christopher Cervantes, LSIT	Basemapping	Sr. Survey Technician	$ 140.00
Amir Panahi	Bid Support	Office Engineer	$ 125.76
Gary Baker	Bid Support	Project Management	$ 381.55
Gary Vito Cavafian	Bridge/Civil Structures	Senior Structural Engineer	$ 216.21
Melad Hanna, PE	Bridge/Civil Structures	Senior Vice President I, Structural Engineer	$ 129.45
Roberto Magdaleno	Building Architecture	Project Manager	$ 155.00
Ernie Bustamante	CAD/BIM	Assistant Vice President, Design Support	$ 80.78
Tim Groom	CAD/BIM	Engineering Designer	$ 107.95
Perla Berry	Community Outreach	Community Relations Manager	$ 160.55
Yvette Ximenez	Community Outreach	Deputy Project Manager	$ 179.06
Joe de la Garza	Complete Streets/Active Transportation	Senior Vice President, Traffic Engineering	$ 110.44
Amir Mirsiaghi, EIT	Construction Phase Authorization	Construction Manager	$ 216.21
Terence Strong	Construction Phase Authorization	Construction Management Consultant	$ 216.21
Estrella Mejia	Document Control	Document Control	$ 99.46
Lee Portillo	Drainage/Storm Drain	Project Manager	$ 330.00
Anibal Saenz	Electrical	Designer, Electrical	$ 40.80
Mandar Manjarekar, PE, PMP	Electrical	Manager, Electrical	$ 86.50
Christine Fukasawa	Environmental Planning/Studies - PES Emphasis	Principal Consultant 5	$ 355.00
Diwu Zhou, PE	First/Last Mile, Multimodal Operations	Associate	$ 230.00
Michael Kennedy, AICP	First/Last Mile, Transportation CEQA	Principal	$ 315.00
Ethan Tsai, PE, GE	Geotechnical	Assistant Vice President, Geotechnical Engineer	$ 84.20
David Haug	Hydraulics/Hydraulic Analysis	Senior Project Manager	$ 330.00
Yunsoo Kim	Landscape/Streets Architecture	Principal	$ 229.00
Luis Loera	Lighting	Traffic Design Engineer	$ 134.16
Brian Allee	NEPA/CEQA	Managing Consultant 3	$ 259.00
Janelle Firoozi	NEPA/CEQA	Senior Consultant 5	$ 258.00
Chuck Downs	Parks/Playgrounds	Sr. Landscape Designer	$ 132.28
Kenia Flores	Permitting and Compliance	Environmental Compliance Specialist	$ 113.73
Gema Martinez-Castillo	Preliminary Engineering/ Planning Studies	Planner/Designer	$ 82.01
Dhyana Quintanar Solares	Preliminary Engineering/Planning Studies	Senior Vice President I, Business Development	$ 114.17
Melissa Brady, PE	Preliminary Engineering/Planning Studies	Vice President, Civil Engineer	$ 112.09
Kristin Blackson	Preliminary Engineering/Planning Studies, Environmental Planning/Studies	Senior Vice President I, Environmental Planner	$ 107.02
Craig Wilson, PLS	Prior Rights Expertise/Utility Right-of-Way	Sr. Project Surveyor	$ 185.00
Alejandra Rey	Quality Assurance/Quality Control Lead	Document Control	$ 98.57
Aldair Sanchez	Rail/Transit/Bus Rapid Transit Facilities	Civil Engineer	$ 90.66
Mark Wood, PE	Rail/Transit/Bus Rapid Transit Facilities	Principal Project Manager, Transit & Rail	$ 147.90
Werner Abrego	Rail/Transit/Bus Rapid Transit Facilities	Senior Civil Engineer	$ 171.14
Ariel Tejada	Right-of-Way Phase and Determination	HSR-Acquisition PM	$ 183.52
BJ Swanner	Right-of-Way Phase and Determination	Right-of-Way Project Manager 2	$ 195.00
Lynn Pham	Roadway/Geometry	Civil Engineer	$ 96.66
Minh Tran	Roadway/Geometry	Civil Engineer	$ 127.05
Craig Wilson, PLS	Survey, Mapping and Field Reviews	Sr. Project Surveyor	$ 185.00
Shannon K. Conaway, PLS	Survey, Mapping and Field Reviews	Project Survey Manager	$ 200.00
Claude Strayer, PE	Traffic and ITS Elements	Sr. Associate	$ 270.00
Angel Gaytan	Traffic and Multimodal Operations	Project Manager	$ 271.44

**Hourly rates reflect all costs for office overhead, including direct and indirect costs.*

The Schedule of Hourly Rates shall remain fixed for at least the first three years of the term of the PSA.

D'LEON

D'LEON CONSULTING ENGINEERS

EXHIBIT B
APPROVED FEE SCHEDULE

(SCHEDULE OF HOURLY LABOR RATES AND REIMBURSABLE)

Name	Role on Organizational Chart	Corporate Title	Hourly Rate*
Borja Leon, PE	00 KEY - Principal-in-Charge/Project Manager	President/CEO	$ 280.08
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The Schedule of Hourly Rates shall remain fixed for at least the first three years of the term of the PSA.

EXHIBIT C
TERMS FOR COMPLIANCE WITH CALIFORNIA LABOR LAW REQUIREMENTS

1. This Agreement calls for services that, in whole or in part, constitute "public works" as defined in Division 2, Part 7, Chapter 1 (commencing with Section 1720) of the California Labor Code ("Chapter 1"). Further, Consultant acknowledges that this Agreement is subject to (a) Chapter 1 and (b) the rules and regulations established by the Department of Industrial Relations ("DIR") implementing such statutes. Therefore, as to those Services that are "public works", Consultant shall comply with and be bound by all the terms, rules and regulations described in 1(a) and 1(b) as though set forth in full herein.

2. California law requires the inclusion of specific Labor Code provisions in certain contracts. The inclusion of such specific provisions below, whether or not required by California law, does not alter the meaning or scope of Section 1 above.

3. Consultant shall be registered with the Department of Industrial Relations in accordance with California Labor Code Section 1725.5, and has provided proof of registration to City prior to the Effective Date of this Agreement. Consultant shall not perform work with any subconsultant that is not registered with DIR pursuant to Section 1725.5. Consultant and subconsultants shall maintain their registration with the DIR in effect throughout the duration of this Agreement. If the Consultant or any subconsultant ceases to be registered with DIR at any time during the duration of the project, Consultant shall immediately notify City.

4. Pursuant to Labor Code Section 1771.4, Consultant's Services are subject to compliance monitoring and enforcement by DIR. Consultant shall post job site notices, as prescribed by DIR regulations.

5. Pursuant to Labor Code Section 1773.2, copies of the prevailing rate of per diem wages for each craft, classification, or type of worker needed to perform the Agreement are on file at City Hall and will be made available to any interested party on request. Consultant acknowledges receipt of a copy of the DIR determination of such prevailing rate of per diem wages, and Consultant shall post such rates at each job site covered by this Agreement.

6. Consultant shall comply with and be bound by the provisions of Labor Code Sections 1774 and 1775 concerning the payment of prevailing rates of wages to workers and the penalties for failure to pay prevailing wages. The Consultant shall, as a penalty to City, forfeit $200.00 for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the DIR for the work or craft in which the worker is employed for any public work done pursuant to this Agreement by Consultant or by any subconsultant.

7. Consultant shall comply with and be bound by the provisions of Labor Code Section 1776, which requires Consultant and each subconsultant to: keep accurate payroll records and verify such records in writing under penalty of perjury, as specified

in Section 1776; certify and make such payroll records available for inspection as provided by Section 1776; and inform City of the location of the records.

8. Consultant shall comply with and be bound by the provisions of Labor Code seq. concerning the employment of apprentices on public works projects. Consultant shall be responsible for compliance with these aforementioned Sections for all apprenticeable occupations. Prior to commencing work under this Agreement, Consultant shall provide City with a copy of the information submitted to any applicable apprenticeship program. Within 60 days after concluding work pursuant to this Agreement, Consultant and each of its subconsultants shall submit to City a verified statement of the journeyman and apprentice hours performed under this Agreement.

9. The Consultant shall not perform Work with any Subconsultant that has been debarred or suspended pursuant to California Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. The Consultant and Subconsultants shall not be debarred or suspended throughout the duration of this Contract pursuant to Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. If the Consultant or any subconsultant becomes debarred or suspended during the duration of the project, the Consultant shall immediately notify City.

10. Consultant acknowledges that eight hours labor constitutes a legal day's work. Consultant shall comply with and be bound by Labor Code Section 1810. Consultant shall comply with and be bound by the provisions of Labor Code Section 1813 concerning penalties for workers who work excess hours. The Consultant shall, as a penalty to City, forfeit $25.00 for each worker employed in the performance of this Agreement by the Consultant or by any subconsultant for each calendar day during which such worker is required or permitted to work more than eight hours in any one calendar day and 40 hours in any one calendar week in violation of the provisions of Division 2, Part 7, Chapter 1, Article 3 of the Labor Code. Pursuant to Labor Code section 1815, work performed by employees of Consultant in excess of eight hours per day, and 40 hours during any one week shall be permitted upon public work upon compensation for all hours worked in excess of eight hours per day at not less than one and one-half times the basic rate of pay.

11. California Labor Code Sections 1860 and 3700 provide that every employer will be required to secure the payment of compensation to its employees. In accordance with the provisions of California Labor Code Section 1861, Consultant hereby certifies as follows:

> "I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract."

12. For every subconsultant who will perform work on the project, Consultant shall be responsible for such subconsultant's compliance with Chapter 1 and Labor Code Sections 1860 and 3700, and Consultant shall include in the written contract between it and each subconsultant a copy of those statutory provisions and a requirement that each subconsultant shall comply with those statutory provisions. Consultant shall be required to take all actions necessary to enforce such contractual provisions and ensure subconsultant's compliance, including without limitation, conducting a periodic review of the certified payroll records of the subconsultant and upon becoming aware of the failure of the subconsultant to pay his or her workers the specified prevailing rate of wages. Consultant shall diligently take corrective action to halt or rectify any failure.

13. To the maximum extent permitted by law, Consultant shall indemnify, hold harmless and defend (at Consultant's expense with counsel reasonably acceptable to City) City, its officials, officers, employees, agents and independent consultants serving in the role of City officials, and volunteers from and against any demand or claim for damages, compensation, fines, penalties or other amounts arising out of or incidental to any acts or omissions listed above by any person or entity (including Consultant, its subconsultants, and each of their officials, officers, employees and agents) in connection with any work undertaken or in connection with the Agreement, including without limitation the payment of all consequential damages, attorneys' fees, and other related costs and expenses. All duties of Consultant under this Section shall survive the termination of the Agreement.

AGREEMENT NO. _____
PROFESSIONAL SERVICES AGREEMENT
BETWEEN THE CITY OF PICO RIVERA AND
IMEG CORPORATION

1. IDENTIFICATION

THIS PROFESSIONAL SERVICES AGREEMENT ("Agreement") is entered into by and between the City of Pico Rivera, a California municipal corporation ("City") and IMEG Corporation, ("Consultant"). City and Consultant are sometimes hereinafter individually referred to as a "Party" and collectively referred to as "Parties."

2. RECITALS

2.1 City has determined that it requires professional services from a consultant to provide on-call engineering services.

2.2 Consultant represents that it is fully qualified to perform such professional services by virtue of its experience and the training, education and expertise of its principals and employees. Consultant further represents that it is willing to accept responsibility for performing such services in accordance with the terms and conditions set forth in this Agreement.

NOW, THEREFORE, for and in consideration of the performance by the Parties of the mutual covenants and conditions herein contained, the Parties hereto agree as follows:

3. DEFINITIONS

3.1 "Scope of Services": Such professional services as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "A" and incorporated herein by this reference.

3.2 "Approved Fee Schedule": Such compensation rates as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "B."

3.3 "Commencement Date" : April 23, 2024

3.4 "Expiration Date" : June 30, 2029

4. TERM

The term of this Agreement shall commence at 12:00 a.m. on the Commencement Date and shall expire at 11:59 p.m. on the Expiration Date unless extended by written agreement of the Parties or terminated in accordance with Section 22 below.

5. CONSULTANT'S SERVICES

5.1 Consultant shall perform the services identified in the Scope of Services. City shall have the right to request, in writing, changes in the Scope of Services. Any such changes mutually agreed upon by the Parties, and any corresponding increase or decrease in compensation, shall be incorporated by written amendment to this Agreement. In no event shall the total compensation and costs payable to Consultant under this Agreement exceed the sum of Two Million Five Hundred Thousand Dollars ($2,500,000.00), unless specifically approved in advance, in writing, by City.

5.2 Consultant shall perform all work to the highest professional standards of Consultant's profession and in a manner reasonably satisfactory to City.

6. COMPENSATION

6.1 City agrees to compensate Consultant for the services provided under this Agreement, and Consultant agrees to accept in full satisfaction for such services, payment in accordance with the Approved Fee Schedule.

6.2 Consultant shall submit to City an invoice, on a monthly basis or less frequently, for the services performed pursuant to this Agreement. Each invoice shall itemize the services rendered during the billing period and the amount due. Within ten (10) business days of receipt of each invoice, City shall notify Consultant in writing of any disputed amounts included on the invoice. Within thirty (30) calendar days of receipt of each invoice, City shall pay all undisputed amounts included on the invoice. City shall not withhold applicable taxes or other authorized deductions from payments made to Consultant.

6.3 Payments for any services requested in writing by City and not included in the Scope of Services shall be made to Consultant by City on a time-and-materials basis using Consultant's standard fee schedule. Fees for such additional services shall be paid within sixty (60) days of the date Consultant issues an invoice to City for such services.

7. BUSINESS LICENSE

Consultant shall obtain a City of Pico Rivera business license prior to commencing performance under this Agreement.

8. COMPLIANCE WITH LAWS

Consultant shall keep informed of State, Federal and Local laws, ordinances, codes and regulations that in any manner affect those employed by it or in any way affect the performance of its services pursuant to this Agreement. Consultant shall at all times comply with such laws, ordinances, codes and regulations. Without limiting the generality

of the foregoing, if Consultant is an out-of-state corporation or LLC, it must be qualified and registered to do business in the State of California pursuant to sections 2105 and 17708.02 of the California Corporations Code. The City, its officers and employees shall not be liable at law or in equity occasioned by failure of Consultant to comply with this Section.

9. CONFLICT OF INTEREST

Consultant covenants that it presently has no interest and shall not acquire any interest, direct or indirect, which may be affected by the services to be performed by Consultant under this Agreement, or which would conflict in any manner with the performance of its services hereunder. During the term of this Agreement, Consultant shall not perform any work for another person or entity for whom Consultant was not working at the Commencement Date of this Agreement if both: (i) such work would require Consultant to abstain from a decision under this Agreement pursuant to a conflict of interest statute; and (ii) City has not consented in writing prior to Consultant's performance of such work.

10. PERSONNEL

Consultant represents that it has, or will secure at its own expense, all personnel required to perform the services identified in the Scope of Services. All such services shall be performed by Consultant or under its supervision, and all personnel engaged in the work shall be qualified to perform such services. Consultant reserves the right to determine the assignment of its own employees to the performance of Consultant's services under this Agreement, but City reserves the right, for good cause, to require Consultant to exclude any employee from performing services on City's premises. John Thompson, Principal-In-Charge, shall be Consultant's project administrator and shall have direct responsibility for management of Consultant's performance under this Agreement. No change shall be made to Consultant's project administrator without City's prior written consent.

11. OWNERSHIP OF WRITTEN PRODUCTS

All reports, documents or other written material ("written products") developed by Consultant in the performance of this Agreement shall be and remain the property of City without restriction or limitation upon its use or dissemination by City. Consultant may take and retain copies of such written products as desired, but no such written products shall be the subject of a copyright application by Consultant. If any state, federal, or local law requires mandatory copyright protection for Consultant's work product, City shall comply with such laws to the extent feasible.

12. INDEPENDENT CONTRACTOR

12.1 Consultant is, and shall at all times remain as to City, a wholly independent contractor. Consultant shall have no power to incur any debt, obligation, or liability on

behalf of City or otherwise to act on behalf of City as an agent. Neither City nor any of its officers, employees or agents shall have control over the conduct of Consultant or any of Consultant's employees, except as set forth in this Agreement. Consultant shall not at any time represent that it is, or that any of its agents or employees are, in any manner employees of City.

12.2 The Parties further acknowledge and agree that nothing in this Agreement shall create or be construed to create a partnership, joint venture, employment relationship, joint-employer relationship, or any other relationship between Consultant or Consultant's employees except as set forth in this Agreement.

12.3 City shall have no direct or indirect control over Consultant's employees or sub-consultants with respect to wages, hours, and working conditions. In addition, City shall not deduct from the Compensation paid to Consultant any sums required for Social Security, withholding taxes, FICA, state disability insurance or any other federal, state or local tax or charge which may or may not be in effect or hereinafter enacted or required as a charge or withholding on the compensation paid to Consultant, Consultant's employees or subconsultants. City shall have no responsibility to provide Consultant, its employees or subconsultants with workers' compensation insurance or any other insurance.

12.4 The Parties further acknowledges the following: (i) that Consultant shall provide the services outlined in the Scope of Services directly to City; (ii) Consultant maintains a business location at the address listed under Section 20 that is separate and distinct from the City; (iii) Consultant contracts with other businesses to provide the same or similar services and maintains a clientele without restriction from the City; (iv) Consultant advertises and holds itself out to the public as available to provide the same or similar services; (v) unless otherwise specified in this Agreement, Consultant provides its own tools, vehicles, and equipment necessary for performing the Scope of Services; (vi) Consultant has proposed and negotiated its own rates; and (vii) consistent with the nature and demands of the project and the City's business hours, Consultant may set its own hours and location of work.

13. CONFIDENTIALITY

All data, documents, discussion, or other information developed or received by Consultant or provided for performance of this Agreement are deemed confidential and shall not be disclosed by Consultant without prior written consent by City. City shall grant such consent if disclosure is legally required. Upon request, all City data and any copies thereof shall be returned to City upon the termination or expiration of this Agreement.

14. NON-LIABILITY OF CITY OFFICIALS AND EMPLOYEES

No official or employee of the City shall be personally liable to Consultant in the event of any default or breach by City, or for any amount which may become due to Consultant.

15. INDEMNIFICATION

15.1 The Parties agree that City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers should, to the extent permitted by law, be fully protected from any loss, injury, damage, claim, lawsuit, cost, expense, attorneys' fees, litigation costs, or any other cost arising out of or in any way related to the performance of this Agreement. Accordingly, the provisions of this indemnity provision are intended by the Parties to be interpreted and construed to provide the fullest protection possible under the law to City. Consultant acknowledges that City would not enter into this Agreement in the absence of Consultant's commitment to indemnify and protect City as set forth herein. Notwithstanding the foregoing, to the extent Consultant's services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.2 To the full extent permitted by law, Consultant shall indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant or any of its officers, employees, servants, agents, or subconsultants in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees. Notwithstanding the foregoing, to the extent Consultant's Services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.3 City shall have the right to offset against the amount of any compensation due Consultant under this Agreement any amount due to City from Consultant as a result of Consultant's failure to pay City promptly any indemnification arising under this Section 15 or related to Consultant's failure to either: (i) pay taxes on amounts received pursuant to this Agreement or (ii) comply with applicable workers' compensation laws.

15.4 The obligations of Consultant under this Section 15 will not be limited by the provisions of any workers' compensation act or similar act. Consultant expressly waives its statutory immunity under such statutes or laws as to City, its officers, agents, employees and volunteers.

15.5 Consultant agrees to obtain executed indemnity agreements with provisions identical to those set forth here in this Section 15 from each and every subconsultant or any other person or entity involved by, for, with or on behalf of Consultant in the

performance of this Agreement. In the event Consultant fails to obtain such indemnity obligations from others as required herein, Consultant agrees to be fully responsible and indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant's subconsultants or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees.

15.6 City does not, and shall not, waive any rights that it may possess against Consultant because of the acceptance by City, or the deposit with City, of any insurance policy or certificate required pursuant to this Agreement. This hold harmless and indemnification provision shall apply regardless of whether or not any insurance policies are determined to be applicable to the claim, demand, damage, liability, loss, cost or expense.

15.7 **PERS ELIGIBILITY INDEMNITY.** In the event that Consultant or any employee, agent, or subconsultant of Consultant providing services under this Agreement claims or is determined by a court of competent jurisdiction or the California Public Employees Retirement System (PERS) to be eligible for enrollment in PERS as an employee of the City, Consultant shall indemnify, defend, and hold harmless City for the payment of any employee and/or employer contributions for PERS benefits on behalf of Consultant or its employees, agents, or subconsultants, as well as for the payment of any penalties and interest on such contributions, which would otherwise be the responsibility of City.

Notwithstanding any other agency, state or federal policy, rule, regulation, law or ordinance to the contrary, Consultant and any of its employees, agents, and subconsultants providing service under this Agreement shall not qualify for or become entitled to, and hereby agree to waive any claims to, any compensation, benefit, or any incident of employment by City, including but not limited to eligibility to enroll in PERS as an employee of City and entitlement to any contribution to be paid by City for employer contribution and/or employee contributions for PERS benefits.

16. INSURANCE

16.1 During the term of this Agreement, Consultant shall carry, maintain, and keep in full force and effect insurance against claims for death or injuries to persons or damages to property that may arise from or in connection with Consultant's performance of this Agreement. Such insurance shall be of the types and in the amounts as set forth below:

16.1.1 Comprehensive general liability, and Umbrella or Excess Liability Insurance covering all operations by or on behalf of Consultant providing insurance for bodily injury liability and property damage liability for the following and including coverage for:

16.1.1.1 Premises, operations, and mobile equipment

16.1.1.2 Products and completed operations

16.1.1.3 Broad form property damage (including completed operations)

16.1.1.4 Explosion, collapse, and underground hazards

16.1.1.5 Personal Injury

16.1.1.6 Contractual liability

in the amount of One Million Dollars ($1,000,000) per occurrence combined single limit; Two Million Dollars ($2,000,000) aggregate for products/completed operation; Two Million Dollars ($2,000,000) general aggregate (General aggregate must apply separately to Consultant's work under this Agreement.); and Five Million Dollars ($5,000,000) umbrella or excess liability.

16.1.2 Automobile Liability Insurance for owned, hired and non-owned vehicles utilized by Consultant, its employees or subconsultants, in the amount of One Million Dollars ($1,000,000) per accident for bodily injury and property damage.

16.1.3 Worker's Compensation Insurance as required by the laws of the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than One Million Dollars ($1,000,000) per accident for bodily injury or disease.

16.1.4 Professional Liability Insurance against errors and omissions in the performance of the work under this Agreement with coverage limits of not less than One Million Dollars ($1,000,000) per occurrence of claim/ Two Million Dollars ($2,000,000) in the aggregate.

16.2 Consultant shall require each of its subconsultants, if any, to maintain insurance coverage that meets all of the requirements of this Agreement.

16.3 The policy or policies required by this Agreement shall be issued by an insurer admitted in the State of California and with a rating of at least A:VII in the latest edition of Best's Insurance Guide.

16.4 Consultant agrees that if it does not keep the aforesaid insurance in full force and effect City may either: (i) immediately terminate this Agreement; or (ii) take out the necessary insurance and pay, at Consultant's expense, the premium thereon.

16.5 At all times during the term of this Agreement, Consultant shall maintain on file with City's Risk Manager a certificate or certificates of insurance showing that the aforesaid policies are in effect in the required amounts and, for the general liability and automobile liability policies, naming the City as an additional insured. Consultant shall, prior to commencement of work under this Agreement, file with City's Risk Manager such certificate(s).

16.6 Consultant shall provide proof that policies of insurance required herein expiring during the term of this Agreement have been renewed or replaced with other policies providing at least the same coverage. Consultant shall provide such proof to City at least two weeks prior to the expiration of the coverages.

16.7 The general liability and automobile policies of insurance required by this Agreement shall contain an endorsement naming City, its officers, employees, agents and volunteers as additional insureds. All of the policies required under this Agreement shall contain an endorsement providing that the policies cannot be canceled or reduced except on thirty days' prior written notice to City. Consultant agrees to require its insurer to modify the certificates of insurance to delete any exculpatory wording stating that failure of the insurer to mail written notice of cancellation imposes no obligation, and to delete the word "endeavor" with regard to any notice provisions.

16.8 The general liability and automobile policies of insurance provided by Consultant shall be primary to any coverage available to City. Any insurance or self-insurance maintained by City, its officers, employees, agents or volunteers, shall be in excess of Consultant's insurance and shall not contribute with it.

16.9 All insurance coverage provided pursuant to this Agreement shall not prohibit Consultant, and Consultant's employees, agents or subconsultants, from waiving the right of subrogation prior to a loss. Consultant hereby waives all rights of subrogation against the City.

16.10 Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of City, Consultant shall either reduce or eliminate the deductibles or self-insured retentions with respect to City, or Consultant shall procure a bond guaranteeing payment of losses and expenses.

16.11 Procurement of insurance by Consultant shall not be construed as a limitation of Consultant's liability or as full performance of Consultant's duties to indemnify, hold harmless and defend under Section 15 of this Agreement.

16.12 If Consultant maintains broader coverage and/or higher limits than the minimums shown above, the City requires and shall be entitled to the broader coverage

and/or the higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

17. MUTUAL COOPERATION

17.1 City shall provide Consultant with all pertinent data, documents and other requested information as is reasonably available to City for the proper performance of Consultant's services under this Agreement.

17.2 In the event any claim or action is brought against City relating to Consultant's performance in connection with this Agreement, Consultant shall render any reasonable assistance that City may require.

18. RECORDS AND INSPECTIONS

Consultant shall maintain full and accurate records with respect to all matters covered under this Agreement for a period of three years after the expiration or termination of this Agreement. City shall have the right to access and examine such records, without charge, during normal business hours. City shall further have the right to audit such records, to make transcripts therefrom and to inspect all program data, documents, proceedings, and activities.

19. PERMITS AND APPROVALS

Consultant shall obtain, at its sole cost and expense, all permits and regulatory approvals necessary in the performance of this Agreement. This includes, but shall not be limited to, encroachment permits and building and safety permits and inspections.

20. NOTICES

Any notices, bills, invoices, or reports required by this Agreement shall be deemed received on: (i) the day of delivery if delivered by hand, facsimile, email, or overnight courier service during Consultant's and City's regular business hours; or (ii) on the third business day following deposit in the United States mail if delivered by mail, postage prepaid, to the addresses listed below (or to such other addresses as the Parties may, from time to time, designate in writing).

[This section intentionally left blank]

If to City:

Steve Carmona, City Manager
City of Pico Rivera
PO Box 1016
6615 Passons Blvd.
Pico Rivera, California 90660-1016

If to Consultant:

John Thompson, Principal-In-Charge
IMEG
901 Via Piemonte, Suite 400
Ontario, CA 91764

With a courtesy copy to:

Arnold M. Alvarez-Glasman, City Attorney
13181 Crossroads Parkway North
Suite 400 - West Tower
City of Industry, CA 91746

21. SURVIVING COVENANTS

The Parties agree that the covenants contained in Sections 13, 15 and Paragraph 17.2 of Section 17, of this Agreement shall survive the expiration or termination of this Agreement.

22. TERMINATION

22.1 City shall have the right to terminate this Agreement for any reason on five (5) calendar days' written notice to Consultant. Consultant shall have the right to terminate this Agreement for any reason on sixty (60) calendar days' written notice to City. The effective date of termination shall be upon the date specified in the notice of termination. Consultant agrees that in the event of such termination, City's obligation to pay Consultant shall be limited to payment only for those services satisfactorily rendered, as solely determined by the City, prior to the effective date of termination. Consultant agrees to cease all work under this Agreement on or before the effective date of any notice of termination. All City data, documents, objects, materials or other tangible things shall be returned to City upon the termination or expiration of this Agreement.

22.2 If City terminates this Agreement due to no fault or failure of performance by Consultant, then Consultant shall be paid based on the work satisfactorily performed, as solely determined by the City, at the time of termination. In no event shall Consultant be entitled to receive more than the amount that would be paid to Consultant for the full performance of the services required by this Agreement.

23. ASSIGNMENT

Consultant shall not delegate, transfer, subcontract or assign its duties or rights hereunder, either in whole or in part, without City's prior written consent, and any attempt to do so shall be void and of no effect. City shall not be obligated or liable under this Agreement to any Party other than Consultant.

24. NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY

24.1 In the performance of this Agreement, Consultant shall not discriminate against any employee, subconsultant, or employment applicant because of race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation. Consultant will take affirmative action to ensure that subconsultants, employees, and employment applicants are treated without regard to their race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.2 Consultant will, in all solicitations or advertisements for employees placed by or on behalf of Consultant state either that it is an equal opportunity employer or that all qualified applicants will receive consideration for employment without regard to race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.3 Consultant will cause the foregoing provisions to be inserted in all subcontracts for any work covered by this Agreement except contracts or subcontracts for standard commercial supplies or raw materials.

25. WARRANTIES

25.1 Each Party has received independent legal advice from its attorneys with respect to the advisability of entering into and executing this Agreement, or been provided with an opportunity to receive independent legal advice and has freely and voluntarily waived and relinquished the right to do so. Each Party who has not obtained independent counsel acknowledges that the failure to have independent legal counsel will not excuse such Party's failure to perform under this Agreement.

25.2 In executing this Agreement, each Party has carefully read this Agreement, knows the contents thereof, and has relied solely on the statements expressly set forth herein and has placed no reliance whatsoever on any statement, representation, or promise of any other party, or any other person or entity, not expressly set forth herein, nor upon the failure of any other party or any other person or entity to make any statement, representation or disclosure of any matter whatsoever.

25.3 It is agreed that each Party has the full right and authority to enter into this Agreement, and that the person executing this Agreement on behalf of either Party has the full right and authority to fully commit and bind such Party to the provisions of this Agreement.

26. CAPTIONS

26.1 The captions appearing at the commencement of the sections hereof, and in any paragraph thereof, are descriptive only and for convenience in reference to this Agreement. Should there be any conflict between such heading, and the section or paragraph thereof at the head of which it appears, the section or paragraph thereof, as the case may be, and not such heading, shall control and govern in the construction of this Agreement.

26.2 Masculine or feminine pronouns shall be substituted for the neuter form and vice versa, and the plural shall be substituted for the singular form and vice versa, in any place or places herein in which the context requires such substitution(s).

27. NON-WAIVER

27.1 The waiver by City or Consultant of any breach of any term, covenant or condition herein contained shall not be deemed to be a waiver of such term, covenant or condition or of any subsequent breach of the same or any other term, covenant or condition herein contained. In no event shall the making by City of any payment to Consultant constitute or be construed as a waiver by City of any breach of covenant, or any default which may then exist on the part of Consultant, and the making of any such payment by City shall in no way impair or prejudice any right or remedy available to City with regard to such breach or default. No term, covenant or condition of this Agreement shall be deemed to have been waived by City or Consultant unless in writing.

27.2 Each right, power and remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise shall be cumulative and shall be in addition to every other right, power, or remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise. The exercise, the commencement of the exercise, or the forbearance of the exercise by any Party of any one or more of such rights, powers or remedies shall not preclude the simultaneous or later exercise by such Party of any of all of such other rights, powers or remedies.

27.3 Consultant shall not be liable for any failure to perform if Consultant presents acceptable evidence, in City’s sole judgment, that such failure was due to causes beyond the control and without the fault or negligence of Consultant.

28. COURT COSTS AND ATTORNEY FEES

In the event legal action shall be necessary to enforce any term, covenant or condition herein contained, the Party prevailing in such action, whether reduced to judgment or not, shall be entitled to its reasonable court costs, including accountants' fees and expert witness fees, if any, and attorneys' fees expended in such action. The venue for any litigation shall be Los Angeles County, California.

29. SEVERABILITY

If any term or provision of this Agreement or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable, then such term or provision shall be amended to, and solely to, the extent necessary to cure such invalidity or unenforceability, and in its amended form shall be enforceable. In such event, the remainder of this Agreement, or the application of such term or provision to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby, and each term and provision of this Agreement shall be valid and be enforced to the fullest extent permitted by law.

30. GOVERNING LAW

This Agreement shall be governed and construed in accordance with the laws of the State of California.

31. COUNTERPARTS

This Agreement may be signed in any one or more counterparts all of which taken together shall be but one and the same Agreement. Any signed copy of this Agreement or of any other document or agreement referred to herein, or copy or counterpart thereof, delivered by facsimile or email transmission, shall for all purposes be treated as if it were delivered containing an original manual signature of the Party whose signature appears in the facsimile or email and shall be binding upon such Party in the same manner as though an originally signed copy had been delivered.

32. ENTIRE AGREEMENT

All documents referenced as exhibits in this Agreement are hereby incorporated in this Agreement. In the event of any material discrepancy between the express provisions of this Agreement and the provisions of any document incorporated herein by reference, the provisions of this Agreement shall prevail. This instrument contains the entire Agreement between City and Consultant with respect to the transactions contemplated herein. No other prior oral or written agreements are binding upon the Parties. Amendments hereto or deviations herefrom shall be effective and binding only if made in writing and executed by City and Consultant.

TO EFFECTUATE THIS AGREEMENT, the Parties have caused their duly authorized representatives to execute this Agreement on the dates set forth below.

"CITY" CITY OF PICO RIVERA	"CONSULTANT" IMEG CORPORATION
_____ Andrew C. Lara, Mayor	_____ John Thompson, Principal-In-Charge
Dated: _____	Dated: _____
ATTEST:	**APPROVED AS TO FORM:**
_____ Cynthia Ayala, City Clerk	_____ Arnold M. Alvarez-Glasman, City Attorney

EXHIBIT A
SCOPE OF SERVICES

IMEG
The FUTURE. Built Smarter.

City of Pico Rivera
Proposal for On-Call Engineering Services

February 14, 2024

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- Letter of Offer
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- Work Approach
- Client References
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- Schedule of Hourly Rates

IMEG
The FUTURE. Built Smarter.

Letter of Offer

IMEG
The FUTURE. Built Smarter.

Letter of Offer

Noe Negrete, PE
Director of Public Works
City of Pico Rivera
6615 Passons Boulevard
Pico Rivera, CA 90660

Top 5 Engineering Firm in the U.S. per BD+C 2023

104 Years of History in the making

90+ Locations

2,600 Employees

100% Employee-Owned

IMEG is a full-service civil engineering firm with an in-depth knowledge of municipal and public works projects. For more than 68 years our firm has provided engineering expertise to municipal organizations throughout California and we bring significant experience to the City of Pico Rivera. With a history that dates back 104 years, IMEG grew from several firms coming together under one uniting vision: people-centered engineering.

Our specialties are both assessment and design of high-performing building systems, infrastructure, program management and construction-related services, but our secret to success is found in our deep bench of 2,600 team members and challenging ourselves to be thought leaders in the A/E/C industry. IMEG engineers have a long track record of helping public institutions create facilities that are safe, secure, flexible, reliable, redundant and energy efficient. We have engineered nearly every type of municipal government facility, from administrative offices, maintenance facilities, public works, police, fire and village halls, to maintenance facilities, jails, transportation centers, parking ramps, waste and water treatment facilities, parks, zoos, and more. Our municipal work includes small and large scale projects, both renovation and new construction.

We offer the following unique qualities and valuable services to your team:

- Our experts have served nearly 175 municipal clients and have designed or consulted on more than 5,000 projects
- IMEG offers a menu of services that includes all civil engineering. This includes roadway improvements, sewer and storm drain maintenance projects, complete street projects and miscellaneous civil engineering projects
- IMEG has unmatched breadth and depth in local/public agencies experience
- IMEG has experience coordinating with State and Federal review procedures
- IMEG has a stringent quality assurance program for all engineering disciplines that produces coordinated design documents and reduces change orders and construction problems

IMEG has assembled a group of sub-consultants to contribute their distinctive and relevant expertise from comparable projects to the team. Our team includes the following:

Letter of Offer

Architect	Greg Beard Westberg + White, Inc. Architects and Planners 7700 Irvine Center Drive, Suite 100 Irvine, CA 92110
Right-of-Way Acquisitions	Mike Mays Epic Land Solutions, Inc. 1971 W. 190th Street, Suite 200 Torrance, CA 90504
Environmental/CEQA/NEPA	Peter Carlson Carlson Strategic Land Solutions 27134 A Paseo Espada, Suite 323 San Jan Capistrano, CA 92675
Geotechnical Engineering	Neal Berliner, GE Geocon West, Inc. 500 N. Victory Blvd. Burbank, CA 91502
Traffic Engineer	Christian J. Lambarth, PE, TE, PTOE STC Traffic, Inc. 5973 Avenida Encinas, Suite 281 Carlsbad, CA 92008
Landscape Architect	Greg Meek RHA Landscape Architects 6800 Indiana Avenue, Suite 245 Riverside, CA 92506
Cost Estimator	Abdulla Iskander Iskander Associates 600 N. Tustin Avenue, Suite 130 Santa Ana, CA 92705
Community Outreach Construction Phase Authorization Grant Administration	Lissette Montoya Avant-Garde, Inc. 807 S. Lemon Avenue Diamond Bar, CA 91789

Letter of Offer

It is our mission to provide high quality consulting engineering services to our clients. Every team member firmly embraces a philosophy that identifies the client's project needs from concept to design and through completion of construction. We understand that each project presents a unique set of challenges that demands the attention of the design team to develop innovative solutions to meet the project objectives. This proposal shall remain valid for ninety (90) days. IMEG acknowledges obligation to all addenda to the RFP. All information submitted within this proposal is true and correct.

Sincerely Submitted by:

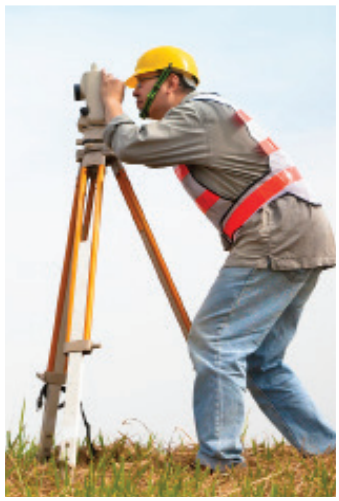
John Thompson, PE, QSD/P
Principal-In-Charge

901 Via Piemonte, Ste. 400
Ontario, CA 91764
P: 909.477.6915
E: John.M.Thompson@imegcorp.com
IMEG Federal Tax ID: 15-0284110

Qualifications of Firm

IMEG
The FUTURE. Built Smarter.

Qualifications of the Firm



IMEG is a leading U.S.-based engineering design firm that delivers a rare combination — the broad expertise of a national leader with the personal relationships and deep collaboration of a local firm.

Our civil specialties are municipal engineering, land development & surveying, building engineering, transportation, and construction observation. Our team's strength is found in our **deep bench of more than 400 professional civil engineers and land surveyors** dedicated to building strong regional connections and reaching beyond the status quo. We bring extensive national, regional, and local knowledge to every client relationship – with a commitment to deliver high quality, cost-effective outcomes through a collaborative and flexible project approach. Key differentiators include:

- Successful, timely delivery of projects
- Accurate, efficient data collection
- Involvement from project initiation to project completion
- State-of-the-art technology and equipment
- Latest training and certification
- Ability to "fast-track" projects
- Single point-of-contact project management

AT-A-GLANCE

- Top 10 Engineering Firm in U.S. (BD+C)
- 100% Employee-Owned Corporation
- Full-service Engineering & Consulting
- 90+ Locations
- 2,600 Team Members
- 600+ Licensed Engineers
- $383M in Annual Revenue
- #57 / Top 500 Design Firm List (ENR)
- Incorporated in the State of New York

FIRM HISTORY

In 2015, KJWW Engineering (1961) and TTG Engineers (1955) merged to form IMEG. Since the initial merger, we have welcomed more than 30 new firms into our ONE IMEG family — broadening our national expertise through local connections. Our overall firm history dates back to 1910.

CIVIL SERVICES

- ADA Compliance Engineering
- Bridges, Retaining Walls & Culvert Design
- Construction Administration
- Drainage, Hydraulics & Hydrology
- Feasibility Studies
- Geographic Information Services (GIS)
- Land Development & Site Design
- Major Highway & Transportation Design
- Municipal Infrastructure
- NBIS Bridge Management
- Permitting (Federal, State, & Local)

Qualifications of the Firm

Office Locations & Number of Employees

IMEG has a global footprint of 90 locations across the United States and a deep bench of nearly 2,600 team members, with 186 of them being in California. We are committed to providing localized service, allowing us to put relationships and communities first, without sacrificing expertise.

Financial Stability

In its over 100-year business history, IMEG has never filed for bankruptcy. In 2022, our revenue was over $383 million.

IMEG does not have any pending litigations for outstanding claims that would impede our ability to provide on-call engineering and professional consulting services to the City of Pico Rivera.

In 2015, KJWW Engineering (f. 1961) and TTG Engineers (f. 1955) merged to form IMEG Consultants Corp. Since the initial merger, we welcomed many additional firms and have grown to more than 2,600 employees and over 90 offices. IMEG has provided civil, structural, mechanical, electrical, plumbing, fire protection, technology, and security engineering design services on more than 60,000 projects throughout the United States in the last five years. During this time, IMEG has been a named defendant in very few cases and in no case, has any claim been material.

Owner representative information requests should be made directly to **IMEG's Chief Legal Officer**:

Karen Guest
Chief Legal Officer
623 26th Street
Rock Island, IL 61201
O: 309.807.2481
E: karen.j.guest@imegcorp.com

Qualifications of the Firm

IMEG TEAM PROJECT EXPERIENCE						
PROJECT NAME	**IMEG** *CIVIL ENGINEERING*	**WESTBERG + WHITE** *ARCHITECT*	**EPIC LAND SOLUTIONS** *RIGHT-OF-WAY ACQUISITIONS*	**GEOCON WEST** *GEOTECHNICAL ENGINEERING*	**STC TRAFFIC, INC.** *TRAFFIC ENGINEERING*	**RHA LANDSCAPE ARCHITECTS** *LANDSCAPE ARCHITECTS*
City of Pico Rivera, CA, Rio Hondo Park Design and Construction Support Services	X					X
City of Pico Rivera, CA, Utilities Master Plan Updates	X					
City of Pico Rivera, CA, Urban Water Management Plan Update	X					
City of Pico Rivera, CA, Historic Whittier Blvd Bike-Pedestrian Bridge Overcrossing			X			
City of Santa Ana, CA, Dog Park at Centennial	X	X				
City of Yucaipa, CA, Pickle Courts	X					X
Riverside County Regional Park, Riverside, CA, Gilman Historic Ranch Master Plan	X					X
City of Pasadena, On-Call Soils & Materials Testing Services				X		
Sheriff's Emergency Vehicle Operations Center, San Bernadino County, CA	X			X		
Prado Regional Park Improvements, Chino, CA	X			X		
City of Long Beach CA, On-Call Traffic Engineering Services					X	
City of San Diego, CA, As Needed Traffic Engineering/ITS Services					X	

Qualifications of the Firm

City of Pico Rivera

Pico Rivera, CA

Pico Rivera is completing the process of updating the master plans, including the Water Master Plan, Wastewater Collection Master Plan and the Storm Drain Master Plan. The City entered into a contract to develop these updates, as well as the City's Urban Water Management Plan.

The Water Master Plan includes the update to the existing GIS system, development of a hydraulic model, and site inspections for the water treatment plants and pumps. The plan also evaluated the current population projection, water demand estimates and water supply availability. The conclusion of the plan will include an evaluation of the City's Budget and development of a CIP.

The Wastewater Collection Master Plan is similar to the Water Master Plan, but the available data is somewhat limited. The original master plan's hydraulic model is not available, nor is the GIS. IMEG is building the GIS from information provided from LA County, to be incorporated into a new hydraulic model. This hydraulic model was used in combination with the meters installed within the system to determine what areas within the system witnesses inflow and infiltration issues.

The Storm Drain Master Plan is a new master plan. The original evaluation of the storm drain system was developed in the 1960's. IMEG is developing a new GIS system using as-builts and available documentation, which will then be incorporated into a hydraulic model. This hydraulic model was, then, used to in combination with the hydrology model to evaluate the current capacity of the system.

The GIS database developed from these three master plans will be used in the field using City-provided toughbooks, allowing staff immediate access to the systems.

All three of the Master Plans involved the development of hydraulic models. The Water Master Plan used the City's GIS system to develop an InfoWater model. Both the Wastewater Collection and the Storm Drain Master Plans utilized InfoSWMM. The sewer system had to be developed using strictly as-built information, since a GIS was not available. This effort resulted in having negative slopes within the model. To resolve this, IMEG provided field survey to more accurately determine the correct slopes.

Services included assisting the City in updating their Emergency Response Plan with specific and outlined responses for a variety of situations to protect their staff and provide a safer and more secure work environment. A Risk and Resilience Assessment was completed finding and addressing numerous gaps in their physical, material, IT, and employee security.

IMEG also provided a **AWIA Risk and Resilience Assessment and ERP** review to discover and address gaps in their security systems.

Cost	$950K
Completion	On-Going
Services	Civil, Water & Wastewater, Security Risk and Resilience Assessment (RRA) Emergency Response Plan (ERP)

Qualifications of the Firm

Rio Honda Park

Pico Rivera, CA

IMEG is providing topographic survey for the entire park with boundary map and civil engineering design to refurbish the overused outdoor amenities of Rio Hondo Park. The soccer fields and softball fields at the park are trying to meet the demands of local residents and youth sports groups. As a result, the fields are worn out. Finally, the Park's restrooms, built over 20 years ago, are in need of a major overhaul. The State funding will address these issues and more, making Rio Hondo Park a local neighborhood gem once again.

The park renovation design will provide a larger parking lot with upgrade accessible parking lot and ADA park access, new synthetic turf soccer field with new bleaches, new softball field with new bleaches, new pickleball court, basketball court, futsal court and new park lights along the upgrade trail. New restroom building, new and modern drinking fountains and new fence around the play area will be provided. While new improvements and hardscape will be installed, IMEG is designing a surface storm water infiltration system to comply with local ordinances to reduce the storm water runoff and pollutants to the adjacent Rio Hondo Channel.

Size	12.2-acres
Cost	$14.5 million
Completion	March 2024
Services	Civil, Survey, Electrical, Plumbing
Sub-consultants	RHA Landscape

Qualifications of the Firm

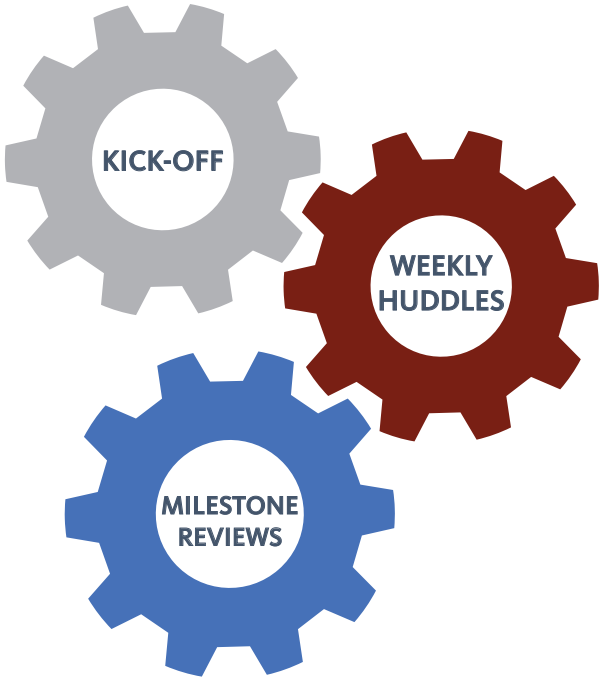
Current Staffing Capability and Availability / Work Load

IMEG and our team members are available and committed to provide engineering services for the City of Pico Rivera. We have approximately 2,600 employees across the country, we have the ability to "borrow" staff from other IMEG offices when the need arises, both in an internal consultant role to bring in specific technical expertise, and to assist with production of the construction documents. Our extensive use of cloud-based storage and services enables such collaboration to be performed seamlessly.

A crucial factor in successfully completing each project with precision and efficiency is your project team. Our personnel constitute the core of our company and are the pivotal element in every project we undertake. Ensuring that the team members listed will be designated to and accessible for your project is a commitment IMEG upholds.

Timely Schedules

At the outset of all IMEG projects, the owner's schedule is reviewed and critical milestone dates are identified. Using that as the overall framework, internal schedules are developed and interim milestones are established to assist in keeping the design on track. Breaking the design process into smaller increments in this manner allows scheduling issues to be identified early so that they may be addressed. When necessary, additional IMEG staff is assigned to temporarily assist in the effort and help bring the design process back within the schedule parameters. As a national firm, we have the resources to augment staff to accommodate schedule fluctuations and keep the project on track.



We will be active participants in working with the team on each project schedule. We'll rely on the timely delivery of information provided by others and we understand that others will rely on us delivering timely information to them. As a direct result of our experience in multiple project types and delivery methods, we understand the time required for each step and will be active participants in the scheduling process so that there are no assumptions or surprises.

Critical to our overall process is the ability to accurately and swiftly evaluate the existing systems materials and products we will be working with. Our communication with our project team partners and all stakeholders during design and construction is also paramount to make sure renovation projects run smoothly.

Proposed Staffing

IMEG
The FUTURE. Built Smarter.

Proposed Staffing

IMEG

John Thompson, PE, QSD/P*
Principal-in-Charge | Civil Engineer

Richard Godina*
Project Manager

Keyner Mayer, PE
QA/QC | Civil Engineering

Structural Team

Craig Chamberlain, PE
Structural Engineer

Jason Farthing, PE, SE
Structural Engineer

Jenni Halembakova, PE
Structural Engineer

Civil Team

Josh Gordon*
Operations Manager

Kevin Kim, PE
Civil Engineer

Taylor Goertz, PE
Civil Engineer

Shelley Cobau, CFM
Senior Civil Technical Specialist

Survey Team

Christopher Daniels, PLS
Land Surveyor

Nick Owen
Office Survey Technician

Gilbert Almanzan
Field Survey Manager

Electrical Team

Nestor Ignacio, PE
Lead Electrical Engineer

Bridge Team

Steven J. Myer, PE
Mkt Leader - Bridges

Ali A. Gharamti, PE, SE
Sr. Civil Engineering Specialist

SUB-CONSULTANTS

Westberg + White
Architect

Carlson Strategic Land Solutions
Environmental/CEQA/NEPA

EPIC Land Solutions
Right-of-Way Acquisitions

Geocon West
Geotechnical Engineering

STC Traffic, Inc.
Traffic Engineering

RHA Landscape Architects
Landscape Architect

Iskander, Inc.
Cost Estimating

Avant-Garde, Inc.
Community Outreach/Construction Phase Authorization/Grant Administration

No members of our team will be replaced during the duration of the project without approval from the City of Pico Rivera.

John Thompson, PE

Principal-in-Charge | Client Executive | Civil Engineer

John has more than 23 years of experience in civil engineering. He has extensive experience designing various types and sizes of projects including streets, water distribution, water storage, drainage and flood control, storm water storage, sanitary sewer, site development, and planning studies. John is also familiar with American Disability Act (ADA) compliance and construction management. He is active in all phases of project development from feasibility studies to final design and construction support. His experience includes education, municipal, private, public, commercial, and residential developments. He has also worked with both flood control and sanitation districts throughout Southern California.

PROJECT HIGHLIGHTS

- City of Pico Rivera, CA, Rio Hondo Park Design and Construction Support Services
- City of Chino, CA, On-Call Consultant for Public Works Projects
- City of Diamond Bar, CA, Larkstone Drive, Widening and Resurfacing of Existing Street, Pavement Evaluation and Design, Geometric Analysis, Modification of Sanitary Sewer, Storm Drain, Hydraulic Analysis and Street Lights
- City of Diamond Bar, CA, Sycamore Canyon Trail System, Topographic Surveying, Site Design for Repair of Previous Slope Failures
- City of Hesperia, CA, On-Call Professional Services
- City of Ontario, CA, On-Call Professional Engineering Consulting
- City of San Bernardino, CA, On-Call Civil Engineering Design, Consulting & Project Management Services
- City of Thousand Oaks, CA, On-Call Professional Consulting Services
- City of Long Beach, CA, Topographic Survey of Existing Sidewalks at Entry and Path of Travel to Existing Accessible Parking Stall
- City of Ontario, CA, Edison Bridge 72” Storm Drain Connection
- City of Ontario, CA, Roadway Widening and Improvements
- County of Los Angeles, CA, Walnut Park Pocket Stormwater Improvements

Experience
23 Total, 8 with IMEG

Education
California State University,
Los Angeles, BS, Civil Engineering

Registrations
Professional Engineer
Alabama (51459)
Arizona (57701)
California (C82557)
Nevada (028728)
Oregon (99149)
Washington (22001758)

Certifications
Certified Qualified SWPPP Developer and Practitioner (QSD/P)

Affiliations
ASCE
APWA
ASCE San Bernardino/Riverside
Past Board Member

Richard Godina
Project Manager

Experience
42 Total, 8 with IMEG

Education
University of the Pacific, BS Civil Engineering

Affiliations
APWA; ASCE

Richard has provided civil engineering for various public & private clients across California, has a vast knowledge of building codes, and is adept at collaborating with consultants.

- City of Pico Rivera, CA, Water, Sewer and Storm Drain Master Plan
- City of Pico Rivera, CA, Urban Water Management Plan Update
- City of Pico Rivera, CA, Wastewater System Financial Analysis and Master Planning

Keyner Mayer, PE
QA/QC | Civil Engineering

Experience
15 Total, 2 with IMEG

Education
Foundation Getulio Vargas, Brazil, MBA Business Management
Institute of Postgraduate, Brazil,
MBA Transport Infrastructure and Highways
Universidade do Sul de Santa Catarina, Brazil,
BS Civil Engineering

Registrations
Professional Engineer: AZ (97211), Brazil Civil Engineer CREA No. 9270-5

Keyner has experience with numerous city and county agencies in California. He is proficient in road construction, earthwork, mining, bridge, pavement and drainage and more.

- City of Pico Rivera, CA, Rio Hondo Park Design and Construction Support Services
- City of Anaheim, CA, Department of Public Works, Sanitary Sewer Master Plan Review
- City of Anaheim, CA, Department of Public Works, Anaheim Police Department Main Station Perimeter Hardening Project
- City of Irvine, CA, Deerfield Park Improvements

Craig Chamberlain, PE
Civil Engineer

Experience
27 Total, 17 with IMEG

Education
The University of Texas at Austin,
MS Structural Engineering
Santa Clara University, BS Civil Engineering

Registrations
Professional Engineer: CA (C-58851), AZ (60481), TX (PE 121447),
Structural Engineer: CA (SE-4588)

Craig has a vast structural engineering portfolio include expertise working with California DSA and HCAI-regulated projects.

- City of Anaheim, CA,Department of Public Works, Anaheim Police Department Main Station Perimeter Hardening Project
- County of Los Angeles, Conversion of Existing Facility to a County Library, 2nd Floor
- San Bernardino County, Lake Arrowhead, CA, 2,400-sf New Pre-fabricated Maintenance Building, Lake Arrowhead
- San Bernardino County, Bloomington, CA, New 2-story Animal Shelter, Including Animal Housing/Kennels, Morgue, Adoption Bldg, and Vet Bldg

Jason Farthing, PE, SE
Structural Engineer

Experience
26 Total, 10 with IMEG

Education
University of Saskatchewan, BS Civil Eng

Registrations
Professional Engineer: CA Civil (C-67400)
Structural Engineer: CA (SE5264)

Jason's experience includes structural analysis and design, drawing preparation, permit/plan check, and construction administration.

- County of San Diego, New EV Chargers (60)
- County of Los Angeles, Conversion of Existing Facility to a County Library, 2nd Floor
- City of Burbank, CA, Brace Canyon Park Reservoir Roof Synthetic Turf System Study
- Madison County Transit, Granite City, IL, 25,000-sf New Administration Building

Jeni Halembakova, PE
Structural Engineer

Experience
33 Total, 8 with IMEG

Education
University of Architecture and Civil Engineering, Sofia, Bulgaria, MSc Civil Engineering / Degree in International Economic Relations and Business

Registrations
Professional Engineer: CA (7331)

Jeni's experience extends to reinforced concrete and masonry, steel, wood, light-gage steel framing, conventional foundation systems, retaining walls, and post tension foundations

- County of Los Angeles, CA, Florence-Firestone Library and Community Center Renovation (2nd Floor)
- Orange County Public Works, Santa Ana, CA, Historic Courthouse Building Fan Coil Units Replacement (10)
- San Bernardino County, Bloomington, CA, New 2-story Animal Shelter, Including Animal Housing/Kennels, Morgue, Adoption Bldg, and Vet Bldg

Josh Gordon
Operations Manager

Experience
21 Total, 8 with IMEG

Education
ITT Technical Institute, Oxnard, CA,
AAS Computer Aided Drafting Technology

Josh has experience with D.O.D, DSA, HCAI projects & SoCal municipalities. He is proficient in utilities, street plans, grading, ADA design, and more.

- City of Pasadena, CA, Library Domestic Water, Sewer, Fire Alarm and Sprinkler Systems Upgrade
- City of Pasadena, CA, Robinson Park Recreation Center Surveying Services
- City of Pasadena, CA, Robinson Park Recreation Center Renovation and Expansion
- City of Los Angeles, CA, 10,000-sf New Boyle Heights Sports Center, Pursuing LEED and Net-Zero Energy

Kevin Kim, PE
Civil Engineer

Experience
11 Total, 3 with IMEG

Education
Cal Poly Pomona, BS Civil Engineering

Registrations
Professional Engineer: CA (83474)

Kevin has a vast civil engineering portfolio with specialties in grading, utilities, stormwater, road design. He is detail-oriented, client-focused, and an asset to any project team.

- City of San Bernardino, CA, Cross Bridge Street Rehabilitation
- San Bernardino County, San Bernardino, CA, 78-Acre Paving Rehabilitation and Site Development Upgrades, Sheriff's EVOC
- County of San Diego, New EV Chargers (60
- Los Angeles County, Huntington Park, CA, Walnut Park Pocket Park Site Improvements

Taylor Goertz, PE
Civil Engineer

Experience
24 Total, 24 with IMEG

Education
Colorado School of Mines, BS Civil Engineering

Registrations
Professional Engineer: CO (40237)

Taylor's experience includes a wide variety of tasks including public works services, water and wastewater conveyance, stormwater and detention facilities, roadways, recreational facilities, and more.

- City of Big Bear Lake, CA, On-Call GIS Services
- City of Golden, CO, Water and Sanitary Sewer Infrastructure Replacement Improvements
- City of Lone Tree, CO, Capital Improvements Engineer
- City of Manitou Springs, CO, On-Call Engineering

Shelley Cobau, CFM
Sr. Civil Technical Specialist

Experience
39 Total, 4 with IMEG

Education
Denver Institute of Technology,
AAS Cartography

Registrations
Certified Floodplain Manager (CFM)
No. US-17-10010

Shelley specializes in local government projects, covering services, planning, design, and implementation for various developments and infrastructure.

- City of Pico Rivera, CA, Water, Sewer and Storm Drain Master Plan
- Confidential Client, Duarte, CA, Central Utility Plant, Site Utilities, Roadways, and Infrastructure Expansion
- Town of Johnstown, CO, New Storm Water & Drainage Design Standards
- Town of Morrision, CO, On-Call Misc. Engineering Related to Water, Wastewater, Storm Water, and Transportation

Christopher Daniels, PLS
Land Surveyor

Experience
47 Total, 4 with IMEG

Education
Completed Multiple Advanced Online Surveying Courses (Various Organizations)

Registrations
Professional Land Surveyor: CA (6328), AZ (42662) NV, (16437)

Kevin has a vast civil engineering portfolio as a Survey Manager in ALTA/NSPS Land Title Surveys, Boundary Surveys, preparing Parcel and Tract Map, Record of Surveys and Legal Descriptions

- City of Burbank, CA, Brace Canyon Park Topographic Surveying
- City of Escondido, CA, Park Trail Survey
- County of Los Angeles, CA, Walnut Park Pocket Park Site Improvements
- Orange County Public Works, Santa Ana, CA, Topographic Survey, Central Utility Facility

Nick Owen
Office Survey Technician

Experience
19 Total, 4 with IMEG

Nick's experience includes overseeing a variety of surveys including: ALTA, boundary, structural surveys, construction staking, topographic surveys, monitoring programs, environmental remediation surveys, scanning surveys, and drone processing and mapping.

- City of Burbank, CA, Brace Canyon Park Topographic Surveying
- City of Chino, CA, Central Ave Chino Sidewalk Design Survey
- City of Escondido, CA, Park Trail Survey
- City of Yucaipa, CA, Crafton Hall Renovation Topographical Survey

Gilbert Almanzan
Field Survey Manager

Experience
21 Total, 4 with IMEG

Education
Don Basco Technical Institute, Survey Coursework

Certifications
FAA Part 101 Drone Pilot Certified

Gilbert oversees the Drone and Scanning Surveys that include the project scheduling with the FAA as needed, pre-planning of flight data/scanning limits, levels of desired accuracies and the post-processing together with the QA/QC review process.

- City of Pico Rivera, CA, Rio Hondo Park Design and Construction Support Services
- City of Burbank, CA, Brace Canyon Park Topographic Surveying
- City of Escondido, CA, Park Trail Survey
- San Bernardino County, San Bernardino, CA, 78-Acre Paving Rehabilitation and Site Development Upgrades, Sheriff's EVOC

Nestor Ignacio, PE
Lead Electrical Engineer

Experience
33 Total, 25 with IMEG

Education
California State University, Long Beach
BS Electrical Engineering

Registrations
Professional Engineer: CA (E16934)

Nestor has designed numerous lighting, power, fire alarm, security, radio, intrusion alarm, paging, AV, communication, voice, and data distribution systems including fiber optic backbones and Category 6 copper to workstations.

- City of Carlsbad, CA, 45,000-sf Renovation, Carlsbad Safety Training Center
- City of Irvine, CA, Deerfield Park Improvements
- City of Rancho Cucamonga, CA, New Fire Station #172

Steven Myer, PE
Bridging Engineer

Experience
27 Total, 23 with IMEG

Education
South Dakota State University,
BS Civil Engineering
Normandale Community College, AA

Registrations
Professional Engineer: SD (8749), MN (47304), MT (75363), NE (E19143)

As the Bridge Market Leader, Steve duties include project management, design engineering, and quality control. He has worked on several projects with the SD Dept of Transportation.

- Brown County Highway Department, Frederick, SD, One 204'-10 5/8" Prestressed Girder Bridge Replacement
- Clark County Highway Department, Carpenter, SD, Fordham Township Bridge Hydraulic and Hydrology Studies
- Clark County Highway Department, Carpenter, SD, Fordham Township Bridge Hydraulic and Hydrology Studies

Ali Gharamti , PE, SE
Sr. Civil Engineering Specialist

Experience
33 Total, 21 with IMEG

Education
University of Iowa, MS Structural Engineering
University of Iowa, BS Civil Engineering

Registrations
Professional Engineer: CO (0056904), IL (081-005060), IN (60900035), IA (P12376), KS (PE27177), MI (6201063543), MI (6201063543), MN (44161), WI (34049-6)

Ali has experience in structural design plans and specifications along with design, inspection, and analysis of various types of bridges including super and sub structures and culverts.

- Jo Daviess County, IL, Bridge Inspection, Bridge Inspection (150)
- Streator, IL Bridge Inspection (6)
- Holverson Bridge, Winnebago County, IL, Replacement Structure at Holverson Road over South Branch of Otter Creek
- Jefferson Street Pedestrian Bridge, Rockford, IL
- Sherwood Park Pedestrian Bridge, Rockford, IL

Consultants and/or Sub-consultants

IMEG
The FUTURE. Built Smarter.

Consultants and/or Sub-consultants

ARCHITECT

Westberg + White, Inc. Architects and Planners
(Westberg White Architecture)
7700 Irvine Center Drive, Suite 100
Irvine, CA 92110
714.508.1780

Westberg White Architecture's extensive 37 years of experience, which includes modernization, renovation, and new growth projects, provides our team and support staff with learning experience beyond our years. We approach each project with confidence that allows us to strategize optimum approaches to project execution and design to achieve our client's desired goals. We take time to work side-by-side with our client, their representatives, expert consultants, and other vested parties through a step-by-step process of scope development, goal, and objective setting. During this process, we manage, budget, schedule and monitor all progress to stay on track with these goals. Our team has significant talent to successfully execute both small and very complex phased projects and assist Client's needs for shifting operations and maintaining functionality during project execution.

WWA is differentiated from others by our individualized service to each Client. The investment of resources by a city constitutes a special example of commitment to the community. We know that the evaluation of the program, the selection of an appropriate schematic concept, the development of the design for the facilities, and the completion of the construction process within the time constraints, budget and expectations requires a clear, participatory, and well-organized planning approach.

During our 37 years in business, WWA has become experts in building renovations, reconstruction projects, and new construction projects for public entities. Westberg White Architecture is a highly integrated, technologically savvy firm and is currently serving many Southern California public agencies designing parks and recreation projects as well as public buildings such as community centers. We have been pleased to provide full architectural services for multiple Southern California clients such as the City of Santa Ana, the City of La Mirada, City of Huntington Beach, City of Carson, and more.

References

City of Brea (Senior Center Feasibility Study)
Hernandez, Carrie
Deputy Director of Community Services
CarrieH@cityofbrea.net
714.990.7676

City of Huntington Beach (Multiple Projects)
John Martin
Capital Project Administrator
john.martin@surfcity-hb.org
714. 375.5011

City of Carson (City of Carson Park)
Gilbert Marquez
City Engineer
gmarquez@carson.ca.us
310. 830.7600

Consultants and/or Sub-consultants

ARCHITECT

Greg Beard

Principal-in-Charge / Director of Operations / Programmer

As a firm leader, Mr. Beard has been instrumental in guiding the growth of the company through his twenty-five years of planning and designing civic facilities and higher education projects. He plays a key role in championing WWA's major initiatives including project development, programming, design and ensuring that the clients' goals are met. He oversees the production staff and advises colleagues on their day-to-day activities.

EDUCATION

Architecture, Rio Hondo College, Whittier, CA

YEARS OF EXPERIENCE

Over 37 years, 13 with WWA

ASSOCIATIONS

DBIA, USGBC, CCFC, CASH

SELECTED EXPERIENCE

- City of Huntington Beach - Huntington Beach Police Department Renovation, Pre-programming, Assessment of existing facilities, Facility development scenarios
- Lakeview Park Community Center, Santa Fe Springs, CA*
- Liberty Park Community Center, Phase II, (New Covered Multi-Purpose, Child Educational and Activity Center, and Maintenance Garage), Cerritos, CA*
- Chino Hills State Park Public Use Facilities, Chino Hills, CA*
- Mission Viejo Racquet Club, Mission Viejo, CA*
- Rohnert Park Wellness Center, Rohnert Park, CA* Senior and Assisted Living with Neurological and Occupational Rehab Center*
- Baywood Villas Condominiums Community Center, 628- unit multi-family residential community, Corona, CA*
- Baywood Villas Apartments Pool and Spa Building, Corona, CA*
- Valencia Homes Community Pool and Spa Building, Valencia, CA*
- Sun Lakes Community Center Resort, San Bernardino County, CA*
- Indio Apartments Leasing Office and Community Center Building, Indio, CA*

* PRIOR EXPERIENCE WITH ANOTHER FIRM

westbergwhite architecture

Consultants and/or Sub-consultants

ARCHITECT

John Garakian, Architect

Senior Project Manager / Architect

Mr. Garakian has vast public sector design experience and is skilled in leading teams for all phases of City projects. Mr. Garakian will be involved with the City's project from kickoff to completion to maintain the design intent.

Mr. Garakian has over 45 years of professional experience in the architectural field designing multiple civic, commercial, and educational project types including parks, recreational facilities, offices, and police facilities. He has significant experience with master planning, conditions assessments, and exterior and interior design for new construction, renovation, and expansion projects. Mr. Garakian's strong ability to lead and manage Architectural and Engineering Consultant project teams has led to the completion of hundreds of successful projects over the span of his career.

EDUCATION

Bachelor of Architecture, California Polytechnic State University, San Luis Obispo, CA

REGISTRATION

C-9826 California, NCARB Certificate No. 24430

YEARS OF EXPERIENCE

Over 46 Years, 15 Years at WWA

SELECTED EXPERIENCE

- City of Huntington Beach - Huntington Beach Police Department - Complete Building Modernization project; Traffic/Special Ops Renovation; Communications Center Renovation; Restroom and Locker Room Renovation Project
- City of Carson - New Recreation Center & Gymnasium; Carson Park Improvements Including Playground, Splash Pad, Activity and Gathering Spaces, and Parking Lot
- City of La Mirada - La Mirada Community Sheriff Station; La Mirada 'Splash' Regional Aquatics Center; City Resource Center
- City of San Diego - George L. Stevens Community Senior Center & Multi-Purpose Building; Mt. View Community Center & Gymnasium
- City of San Marcos - Sunset Park Ranger Station
- City of Laguna Beach – City Aquatics Center – Site Study and Concept Design for Aquatics Center
- Santa Clarita Community College District – Educational and Facilities Master Plan including facilities conditions assessments and recommendations
- Long Beach Community College District - Long Beach City College – Kinesiology Campus Master Plan; Kinesiology Labs and Aquatic Center Project Including: New Aquatic Facility, New Softball Field, New Sand Volleyball Facility, Replaced New Tennis Courts, Soccer Field, and Lacrosse Field.

westbergwhite architecture

Consultants and/or Sub-consultants

ARCHITECT

Queston Kwolwek

Sr. Job Captain / Designer

Mr. Kwolek takes on a leading role in all phases of design and production for key civic projects. He works directly with the Project Manager and City to accomplish the project goals. Mr. Kwolek thoroughly coordinates with consultants to ensure the assessment, design and construction documentation meets the City's intent and constructibility expectations.

EDUCATION

Professional B. Arch, The University of Arizona, Tucson, AZ

YEARS OF EXPERIENCE

6 years, 5 with WWA

SELECTED EXPERIENCE

- City of Santa Ana - Centennial Dog Park (With MIG) - New Dog Park, Public Plaza, Parking, Police Dept. Relocation and Existing Building Renovation, Nursery Relocation and Metal Storage Building, New Prefabricated Restroom/ Dog Wash and Restroom/Office Buildings
- City of Huntington Beach - Police Department: Communications/Dispatch Center and Office Renovation, Traffic Office Renovation, Locker Room Renovation Project, Generator/ Switchgear Replacement Project
- City of Brea - Senior Center Feasibility Study (including concepts for renovation and a replacement facility)

Robert Bender, AIA

QA/QC Manager

Robert has more than 48 years of experience. His keen attention to detail and leadership skills assists in solidifying the team, ensures milestones are met, and that goals are achieved. Robert's responsibilities with previous firms includes extensive contract administration involvement with numerous Clients, Owner's Representatives, Program Managers, Construction Managers and Contractors. He has also worked with many delivery methods including Design/Bid/Build, CM Multi-Prime, Lease/Lease Back, and Modified Design/Build project delivery methods.

EDUCATION

Architecture Major, California Polytechnic State University, Pomona

YEARS OF EXPERIENCE

48 years, 9 with WWA

REGISTRATION

C-10136, California

SELECTED EXPERIENCE

- LAUSD New East Valley High School
- Visalia USD New El Diamante High School
- Oxnard USD New Oxnard High School
- Santa Barbara USD New Roosevelt New Elementary School
- Bellflower USD State of the Art STEM Building

westbergwhite architecture

Consultants and/or Sub-consultants

ENVIRONMENTAL/CEQA/NEPA

Carlson Strategic Land Solutions
27134 A Paseo Espada, Suite 323
San Juan Capistrano, CA 92675
949.298.3625

CSLS specializes in the following four environmental and planning disciplines:

- CEQA/NEPA – CSLS prepares all levels of environmental documents for a wide variety of projects and clients. CSLS regularly handles all required public notices, conducts NOP scoping meetings, prepares the MMRP, assists agencies with drafting resolutions, and attends public hearings.
- Regulatory Permitting – CSLS prepares applications and processes regulatory permits through the U.S. Army Corps of Engineers (Section 404), California Department of Fish and Wildlife (Section 1602), Regional Water Quality Control Board (Section 401), and U.S. Fish and Wildlife Service (Section 7). CSLS prepares mitigation/restoration plans.
- Project Entitlement – CSLS has extensive experience taking private and public projects through the entitlement process. CSLS has prepared numerous Specific Plans, General Plan Amendments, Zone Changes, Annexations, and other planning documents as part of project entitlement.
- Assessments – CSLS provides a wide range of biological services, including vegetation mapping, jurisdictional delineations, nesting bird surveys, focused protocol surveys for special status species, Burrowing Owl surveys, and drafting Biological Resource Assessments for inclusion in environmental documents.

CSLS
CARLSON STRATEGIC LAND SOLUTIONS

The IMEG Team, led by the Carlson Strategic Land Solutions (CSLS) team will perform the Environmental Review process and prepare environmental documents in full compliance with the National Environmental Policy Act (NEPA), California Environmental Quality Act (CEQA), and consistent with the goals and policies of the City. CSLS will function as the lead role in strategic planning, preparation, and processing of the CEQA/NEPA documents. Specifically, CSLS will:

- Conduct a preliminary environmental review of each project to determine the appropriate environmental document
- Develop appropriate environmental document in collaboration with City Staff and stakeholders
- Scope and review all necessary technical studies
- Prepare any required additional technical studies
- Draft the appropriate CEQA/NEPA document
- Attend Public Hearings

References

City of Laguna Niguel (On-Call Environmental Services)
Jonathan Orduna, Community Development Dir.
jorduna@cityoflagunaniguel.org, 949.362.4357

City of Mission Viejo (Environmental Services)
Keith Rattay, Assit City Mgr/Dir of Pubic Services
jkrattay@cityofmissionviejo.org, 949.470.3014

City of Lake Forest (Serrano Summit Civic Center Addendum to Environmental Impact)
Debra Rose, City Manager
drose@lakeforestca.gov, 949.461.3414

Consultants and/or Sub-consultants
ENVIRONMENTAL/CEQA/NEPA

Peter Carlson
President

As President of Carlson Strategic Land Solutions, Peter's expertise includes project management/ project entitlement, CEQA/NEPA compliance, and biology/regulatory permitting. Peter began his career in the public sector as a planner for the City of Newport Beach and then for the City of Laguna Niguel. Peter's experience includes working for local jurisdictions and as an environmental consultant, working for both public agencies and private sector development applicants. With over 30-years of experience, he has worked on a wide variety of complicated projects and as a result, brings a combination of technical expertise, environmental analysis experience, and leadership to the clients and the project team.

EDUCATION
BA Environmental Studies, with an emphasis in Urban Planning and History: University of California, Santa Barbara, 1987

YEARS OF EXPERIENCE
37 years

ASSOCIATIONS
Associate of Environmental Planners

PROFESSIONAL EXPERIENCE
- 2016 – Present | Carlson Strategic Land Solutions | President
- 1999 – 2016 | VCS Environmental | Vice President
- 1990 – 1998 | City of Laguna Niguel | Planner
- 1987 – 1990 | City of Newport Beach | Planner

SELECTED EXPERIENCE
- On-Call Environmental Services | City of Laguna Niguel | Laguna Niguel, CA
  - Local CEQA Guidelines
  - Local VMT Guidelines
  - City Center Project Management
  - The Cove at Laguna Niguel
- Leal Master Plan | The New Home Company and City of Eastvale | Eastvale, CA
- La Subida/Glenelder Residential Projects | Lennar | Hacienda Heights, County of Los Angeles, CA
- On-Call Environmental Services | Mvusd | Murrieta, CA

CSLS
CARLSON STRATEGIC LAND SOLUTIONS

Consultants and/or Sub-consultants
ENVIRONMENTAL/CEQA/NEPA

Ray Husey, AICP
Senior Project Manager

Ray has over 30 years combined experience in both public and private sectors drafting environmental documents. CSLS does not trust just anyone to help draft environmental documents and our collaboration with Ray over the years has been very successful.

EDUCATION
BS Environmental Policy Analysis and Planning, emphasis in Energy Policy: University of California, Davis, 1982

Master of City and Regional Planning: Cal Poly San Luis Obispo, 1988 (degree 1993)

YEARS OF EXPERIENCE
36 years

ASSOCIATIONS
Association of Environmental Planners
American Planning Association

CERTIFICATIONS
American Institute of Certified Planners

PROFESSIONAL EXPERIENCE
- 2019 – Present | CSLS | Senior Project Manager
- 1998 – 2019 | LSA Associates | Senior Planner/ Associate
- 1990 – 1998 | Penfield & Smith Engineers, Associated Transportation Engineers, Willdan Associates, TJKM | Transportation Planner
- 1988 – 1990 | Cities of Irvine and Oxnard | Transportation Planner

SELECTED EXPERIENCE
- Arantine Hills Specific Plan | City of Corona | Corona, CA
- On-Call Environmental Services | City of Laguna Niguel | Laguna Niguel, CA
  - Local Ceqa Guidelines
  - The Cove at Laguna Niguel
- Sunflower Residential Neighborhood (Ttm20217) | City of Rialto | Rialto, CA
- Safety Hall/Courthouse Demolition | City of Redlands | Redlands, CA
- California Baptist University Specific Plan Amendment | City of Riverside | Riverside, CA

CSLS
CARLSON STRATEGIC LAND SOLUTIONS

Consultants and/or Sub-consultants
ENVIRONMENTAL/CEQA/NEPA

Brianna Bernard
Project Manager/Biologist/CDQA Practioner

Brianna's role will consist of project Biologist, Environmental Generalist and QA/QC. Brianna is not only is an excellent biologist and regulatory specialist; she is also an accomplished CEQA practitioner and GIS specialist. Brianna's role will include peer reviewing the drafting environmental document sections, biological technical report, tracking project details, preparing graphics, and performing QA/QC.

EDUCATION
BS Biological Science/Environmental Science, California Baptist University, Riverside, CA

YEARS OF EXPERIENCE
12 years

ASSOCIATIONS
Inland Empire Women's Transportation Seminar Board of Directors

CERTIFICATIONS
24 Hour HAZWOPER Certificate

Westland Training Institute Certified, Feb 2015

PROFESSIONAL EXPERIENCE
- 2016 – Present | Carlson Strategic Land Solutions | Project Manager/Biologist
- 2013 – 2016 | VCS Environmental | Project Manager/ Biologist
- 2012 – 2013 | Wilson & Company, Inc. Engineering & Architects | Drafter/Marketing

SELECTED EXPERIENCE
- On-Call Environmental Services | City of Laguna Niguel | Laguna Niguel, CA
  - Local CEQA Guidelines.
  - Local VMT Guidelines.
  - City Center Project Management
  - The Cove at Laguna Niguel
- Hemet 30 | Global Investments and Development | County of Riverside, CA
- La Subida/Glenelder Residential Projects | Lennar | Hacienda Heights, County of Los Angeles, CA
- Marywood Residential Development Project | The New Home Company | Orange, CA
- Sunpointe Residential| Euland | City of Laguna Niguel

CSLS
CARLSON STRATEGIC LAND SOLUTIONS

Consultants and/or Sub-consultants
ENVIRONMENTAL/CEQA/NEPA

Noah Ridlon
Project Manager/Assistant CEQA Practioner

Noah's role will consist of the preparation and management of environmental documents and other tasks to support CSLS team. Noah's role will also include reviewing technical reports, tracking project details, preparing graphics, and drafting environmental document sections. His experience includes preparation of categorical exemptions, initial studies, and environmental impact reports for industrial warehouses, and residential subdivisions.

EDUCATION
B.S. Visual Journalism, Santa Barbara, CA

YEARS OF EXPERIENCE
6 years

ASSOCIATIONS
Association of Environmental Planners

CERTIFICATIONS
Procore Project Management, 2018

PROFESSIONAL EXPERIENCE
- 2020 – Present | Carlson Strategic Land Solutions/Enplanners | Assistant CEQA Practitioner
- 2019 - 2021 | Koloa Pacific Construction | Project Manager
- 2018 – 2019 | Wermers Multi-Family | Project Engineer

SELECTED EXPERIENCE
- City of Rialto |Resource Drive Industrial Project, Rialto, CA
- Cove at El Niguel | City of Laguna Niguel | Laguna Niguel, CA
- Hemet 30 | Global Investments and Development | County of Riverside, CA

CSLS
CARLSON STRATEGIC LAND SOLUTIONS

Consultants and/or Sub-consultants

RIGHT-OF-WAY ACQUISITIONS

Epic Land Solutions, Inc.
1971 W 19th Street, Suite 200
Torrance, CA 90504
310.626.4848

Epic Land Solutions, Inc. (EPIC) is a full-service right of way and real property consulting services firm founded in California in 2000 with the mission to create land solutions for the public good. EPIC is headquartered in Los Angeles and supported by regional offices in Riverside, San Diego, and the Pacific Northwest to appraise, acquire, and relocate property rights on behalf of local public agencies. EPIC has been a right of way industry leader in the western United States for over 23 years, employing 60 staff members including licensed real estate professionals, full-service utility relocation and coordination experts, Geographic Information System specialists, state-certified appraisers, and forensic title officers to provide maximized benefit to our clients. EPIC helps clients understand and abide by local, state, and federal regulations that guide the entire right of way process, including the Federal Uniform Relocation Assistance and Real Property Acquisition Policies Act (Uniform Act) and guidelines set forth by the Caltrans Right of Way Manual. EPIC is a Caltrans Right of Way Certification specialist and offers deep experience providing turnkey right of way services in Los Angeles County.

EPIC provides right of way solutions for the entire project lifecycle, from initiation and study phases through property acquisition and Caltrans Right of Way Certification. As the right of way sub-consultant to IMEG, EPIC will provide services to clear the project right of way, based on project parameters. Tasks may include right of way project management, cost estimates, title examination and clearance, real property appraisal, right of way acquisition, temporary construction easements (TCEs), and permanent easements on an as-needed basis.

References

City of Pico Rivera (Beverly Blvd/Rosemead Blvd Intersection Improvements, Los Angeles County Metropolitan Transportation Agency)
Robert Ramirez
Former Contracted City Engineer
714.308.7636

BKF Engineers (Historic Whittier Blvd Bike-Pedestrian Bridge Overcrossing City of Pico Rivera)
Sheila Amparo, PE, QSD
949.526.1042
samparo@bkf.com

City of Bell Gardens (Florence Ave and Eastern Ave Intersection Improvements)
Douglas Benash, PE, QSD - contracted by the city
626.203.2849
dbenash@infengr.com

Consultants and/or Sub-consultants
RIGHT-OF-WAY ACQUISITIONS

Eddie Quintaro
Right-of-Way Lead

Eddie Quintero is a Senior Right of Way Project Manager for Epic Land Solutions, Inc. Los Angeles Regional Office. He has built the last decade of his career managing and performing acquisition negotiations and relocation assistance services on behalf of local public agencies in Los Angeles County and beyond. Eddie is a talented team leader, organized project manager, and committed custodian of prevailing regulations as defined by the Uniform Act and State of California. Eddie has a formal education in Urban and Environmental Planning and served as an Associate Planner for the City of Taft in Kern County.

EDUCATION
BS, Environmental Resource Management with concentration in Land Use and Planning, California State University, Bakersfield

REGISTRATION
California Real Estate Salesperson, BRE #01950486

YEARS OF EXPERIENCE
12 Years, 2 years at Epic

SELECTED EXPERIENCE
- Beverly Blvd/Rosemead Blvd Intersection Improvements, Los Angeles County Metropolitan Transportation Agency (LACMTA)
- Historic Whittier Boulevard Bike-Pedestrian Bridge Overcrossing, City of Pico Rivera, CA
- Florence Ave and Eastern Ave Intersection Improvements, City of Bell Gardens, CA
- Slauson Ave and Atlantic Blvd Congestion Relief Improvements, City of Maywood, CA
- Lakewood Boulevard and Florence Avenue Intersection Improvement Project, City of Downey, CA

EPIC
A CLS COMPANY

Consultants and/or Sub-consultants

GEOTECHNICAL ENGINEERING

Geocon West, Inc.
500 N Victory Blvd
Burbank, CA 91502
818.841.8344

Geocon is a California corporation that was established in 1971. We are a professional engineering consulting firm providing comprehensive geotechnical, geologic, construction inspection, and environmental engineering and consulting services. In addition to these services, we operate in-house soils and materials testing laboratories and provide environmental remediation contracting (cleanup) services.

Geocon has six offices located in Southern California, providing well-positioned, geographic coverage to promptly, efficiently, and cost effectively service our clients' needs. Each office is supported by state-of-the-art inventories of field equipment and instrumentation, comprehensive technical libraries, and modern data-management systems. Laboratory testing services are performed in our in-house soils and materials testing laboratories accredited by the American Association of State Highway and Transportation Officials (AASHTO), State of California Department of Transportation (Caltrans), Cement and Concrete Reference Laboratory (CCRL), Division of State Architect (DSA), and City of Los Angeles.

We employ a staff of over 300 technically strong, highly motivated engineers, geologists, environmental scientists, technicians, and special inspectors. Our managing principals are practicing professional geologists or engineers who actively manage projects and assign and mentor technical staff. The average professional staff member has more than 10 years of experience at Geocon alone and has sufficient training and experience to respond to accelerated schedules without encountering procedural problems or sacrificing the quality of work products. Associate-level project review and oversight are provided for all projects.

Geocon will perform geotechnical and geologic investigations for the evaluation and assessment of geotechnical parameters required for the design of capital improvements as requested by the City. Reports will include recommendations for mitigating adverse soil conditions and will address all constructibility issues with respect to earthwork, paving and foundation design. Our scope of work for geotechnical and geologic investigations will typically include the following tasks:

- Pre-Field Activities/Set-up
- Field Activities/Exploration
- Laboratory Testing
- Engineering and Geologic Analyses and Report Preparation

References

County of Los Angeles, Department of Public Works (As-Needed Geotechnical Engineering, Materials & Testing Inspection Services)
Dennis Simonian
626.300.3267, dsimonian@dpw.lacounty.gov

City of Los Angeles, Bureau of Engineering (As-Needed Geotechnical & Environmental consultants List)
Easton Forcier, Geotechnical Engineer II
213.847.0476, easton.focier@lacity.org

City of Pasadena (On-Call Soils & Materials Testing Services)
Sean Singletary, Principal Engineer
626.744.4273, ssingletary@cityofpasadena.net

Consultants and/or Sub-consultants
GEOTECHNICAL ENGINEERING

Neal Berliner, GE
President / Principal Engineer

As President of Geocon West, Mr. Berliner is responsible for the management of Geocon's technical practice in Los Angeles, Orange, Riverside, and San Bernardino counties. He began his professional career in 1992, gaining geotechnical engineering experience throughout Southern California. His experience encompasses a wide range of projects for both public and private sector clients and includes multi-story office buildings, regional shopping centers, parking structures, sound stages, studio facilities, educational facilities, mixed-use and multi-family residential developments, large-scale land developments, roadways, paving rehabilitation, bridges, pipelines, solar fields, and more.

Mr. Berliner has an expertise on projects requiring deep excavation/shoring and mitigation of groundwater, as well as projects that require drilled and driven piles, micro-piles, stone columns, cement/lime stabilization, soil nails, compaction grouting, underpinning, and ground mitigation. He has a strong background in forensic geotechnical engineering and provides support for project dispute resolution, serving at times as a geotechnical expert witness. He manages large on-call contracts involving both geotechnical and special inspection services and has a reputation for providing creative geotechnical solutions as well as maintaining outstanding service on projects with critical schedules and budgets.

EDUCATION
BS, Civil Engineering, San Diego State University

REGISTRATION
Geotechnical Engineering, CA (2576)
Professional Engineer, Civil (57123)

YEARS OF EXPERIENCE
32 Years

SELECTED EXPERIENCE
- Stormwater Retention Vault and Stormwater Infiltration System, Pico Rivera, CA
- City of Los Angeles, Bureau of Engineering, On-Call Geotechnical & Environmental Consultant List
- County of Los Angeles, Department of Public Works, As-Needed Geotechnical Engineering, Materials Testing, & Inspection Services Contracts (PW13096, PW1345 & PW13554)
- City of Pasadena, Department of Public Works, On-Call Soils & Materials Testing Services Contract
- City of Simi Valley & Ventura County Waterworks District No. 8, Annual Professional Pavement Engineering, Materials Testing & Inspection Services Contract

GEOCON

Consultants and/or Sub-consultants

STC TRAFFIC ENGINEERING

STC Traffic Inc.
5973 Avenida Encinas, Suite 218
Carlsbad, CA 92008
760.602.4290

STC Traffic, Inc. (STC) is a full-service traffic engineering, transportation planning, and Intelligent Transportation Systems (ITS) consulting firm. For over 16 years, STC has served clients throughout the Southern California region, nearly 90% of which are focused in the public sector. STC models their operations to replicate and support City Public Works Departments by offering licensed professional Civil and Traffic Engineers, Transportation Planners, former City Traffic Engineers, former public works electrical inspectors, and traffic signal maintenance technicians. Working in an on-call capacity for numerous cities in the region provides STC unique insight into the inner workings of municipal Public Works Departments.

Engineering design for pedestrian and bicycle improvements are part of STC's core expertise and they have successfully delivered numerous representative projects for municipal agencies in Southern California, including projects in the Cities of Menifee, National City, Encinitas, Long Beach, and others. STC's services range from bikeway striping and signing designs, pedestrian sidewalk and curb ramp improvement projects, crosswalk designs, traffic signal system design, multimodal improvement studies, corridor studies and conceptual design, and implementation of local and regional transportation systems. With a diverse team of engineers and planners, STC is able to meet the needs of their municipal clients on transportation improvement projects within the public right-of-way.

We have established a successful track record through on-call service contracts with nearly two dozen agencies in Southern California. Each of our contracts demonstrates STC's strong regional presence and ability to deliver the range of services that the City may require, from staff extension to planning, design, and systems and operations support. We are modeled after a municipal Public Works/Engineering Division for precisely this reason, so that we can provide a wide breadth of traffic engineering services on a flexible basis. STC has been providing these services to public agency clients for 17 years.

References

City of Long Beach (On-Call Engineering Services)
Arek Harmandayan
Senior Traffic Engineer
562.570.6764
arek.harmandayan@longbeach.gov

City of National City (Support Services for Capital Improvement Program)
Stephen Manganiello, TE
Director of Public Works/City Engineer
608.468.1169
smanganiello@nationalcityca.gov

City of San Diego (As-Needed Traffice Engineering/ITS Services)
Stephen Celniker, PE
Senior Traffic Engineer
619.533.3611
scelniker@sandiego.gov

Consultants and/or Sub-consultants

STC TRAFFIC ENGINEERING

Christian Lambarth, PE, TE, PTOE

Project Manager

Mr. Lambarth has over 14 years of experience delivering traffic engineering projects in Southern California and throughout the Country. He has extensive experience leading the development of plans, specifications, and estimates for task orders released through on-call contracts with municipal clients. Mr. Lambarth specializes in traffic signal design, civil designs, signing and striping, traffic control, traffic operational analysis, street lighting, and traffic signal interconnect.

EDUCATION

Michigan State University, East Lansing
BS Civil Engineering

REGISTRATION

Professional Engineer, Civil: CA (86675)
Professional Engineer, Traffic: CA (2927)
PTOE, United States (5180)

YEARS OF EXPERIENCE

14 Years

SELECTED EXPERIENCE

- Artesia Great Boulevard Multimodal Improvements, Long Beach, CA
- Avenida Coastal Rail Trail, Carlsbad, CA
- Westside Mobility Enhancements with Pedestrian and Bicycle Improvements, National City, CA
- Highway 101 Safety & Mobility Improvements, Encinitas, CA
- Verdi Avenue Pedestrian and Bicycle Crossings, Encinitas, CA

Consultants and/or Sub-consultants

LANDSCAPE ARCHITECT

RHA Landscape Architects - Planners, Inc.
6800 Indiana Avenue, Suite 245
Riverside, CA 92506
951.781.1930

Established in 1979, RHA Landscape Architects-Planners partners with land developers, home builders, engineers, architects, and public agencies to provide site planning and design services for a wide range of public and private spaces and facilities including

- Community Parks
- Neighborhood parks
- Water Reservoirs
- Recreation Areas
- Preservation of Natural and Historic Sites
- Government Centers
- Public Office and Administration Facilities
- Pump and Lift Stations
- Commercial Retail Centers
- Shopping Centers
- Mixed Use Housing/Commercial
- Hotels
- Hospitals
- Business Parks
- Streetscapes
- Master planned communities

We are committed to providing personal service and delivering a product that is on schedule, within budget, and exceeds our client's expectations.

We respect the goals of our profession and strive to reflect them in our work. Our staff is trained in the physical and life sciences as well as in the art of design and the principles of construction. Because of this background and our respect and understanding for the relationships between people and the environment, we frequently develop and guide interdisciplinary teams that include other design professionals such as architects, engineers and planners.

Whether as the principal design team member responsible for team and project coordination or as a team member with other related professions, we take a strong personal interest in our projects and the agency's needs.

Our specific scope of work may consist of any or all of the following.

- Preliminary Design Development
- Site Evaluation and Selection
- Working Drawings/Specifications
- Assistance during Bidding
- Construction Observation and Consulting
- Maintenance Guidelines and Observation
- Consensus Building
- Program Development
- Master Planning
- Recreation Land-Use Planning
- Site Planning
- General Consulting

References

County of Los Angeles, Department of Public Works (As-Needed Geotechnical Engineering, Materials & Testing Inspection Services)
Dennis Simonian
626.300.3267, dsimonian@dpw.lacounty.gov

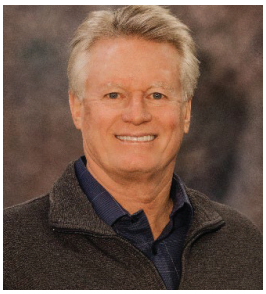
City of Los Angeles, Bureau of Engineering (As-Needed Geotechnical & Environmental consultants List)
Easton Forcier, Geotechnical Engineer II
213.847.0476, easton.focier@lacity.org

City of Pasadena (On-Call Soils & Materials Testing Services)
Sean Singletary, Principal Engineer
626.744.4273, ssingletary@cityofpasadena.net

Consultants and/or Sub-consultants

LANDSCAPE ARCHITECT

Greg Meek, RLA
Principal



Mr. Meek is a Principal Landscape Architect with RHA Landscape Architects-Planners, Inc. He graduated from Texas A&M and holds a Bachelor of Arts degree in Landscape Architecture. A professional Landscape Architect for over 36 years, his wide range of experience in the public works sector includes 3 years as the Senior Landscape Architect for the City of San Jose, the tenth largest city in the United States and 10 years of experience as a park development coordinator for various cities in California. He has been responsible for managing Park Dwelling and Park Impact fees, preparing and monitoring agency capital budgets, planning and managing agency capital improvement program, developing requests for services, agreements, and contracts, negotiating fees for services, preparing contracts, and managing staff and contractors.

Mr. Meek's experience in the private sector has included business development, client and project management, preparing budgets and cost estimates as well as the design of sports parks, neighborhood parks, schools, and streetscape projects. He has also provided consultant plan checking services for the cities of Jurupa Valley, Rialto, Diamond Bar and Palm Desert as well as in his capacity as landscape architect at the cities of Fullerton, San Jose, and San Mateo.

EDUCATION
Texas A&M University,
BA Landscape Architecture
Performance Leadership - DunkinWorks 2016
Resolve - Negotiations Training - Agreement Dynamics Inc. 2017

REGISTRATION
Landscape Architect: CA (2484)
Certified Playground Safety Inspector (CPSI)

YEARS OF EXPERIENCE
36 Years

SELECTED EXPERIENCE
- Rialto Landscape Plan Checking Services, City of Rialto, CA
- Elysian Park Inclusive Play Area and Splash Pad Los Angeles, CA
- Lucinda Garcia Park Monrovia, CA
- Marine Park Inclusive Play Area Santa Monica, CA
- Lee Owens Park Expansion and Renovation, City of Whittier, CA
- Dolphin Park Inclusive Playground, City of Carson, CA
- Acacia Park Renovation and Play Areas, City of El Segundo, CA
- Washington Park Play Area, City of El Segundo, CA
- Jurupa Valley Planning Department Plan Checking, City of Jurupa Valley, CA

RHA
LANDSCAPE ARCHITECTS PLANNERS, INC.

Consultants and/or Sub-consultants

COST ESTIMATING

Iskander Associates Inc.
600 N Tustin Avenue, #130
Santa Ana, CA 92705
714.544.4214

Iskander Associates, Inc. is an association of professionals in the field of construction cost Consulting and construction scheduling services. Their expertise covers vast array of Projects, including private, civic and military.

Since they are not in competition with the designers and contractors, they augment the

Services of the designers and therefore, are able to maintain the integrity of the projects.

The services offered by the Associates provide a base from which an owner may Co-ordinate and administer the construction of his project in a reasonable and cost Effective manner, with reliance upon the construction budget established as a blend of current costs of materials and labor based on the professional experience of the estimators.

This knowledge has been the result of many years of experience and active participation in the construction and renovation of many structures both domestic and overseas, backed with construction related education and engineering degrees.

The principals have been involved in the cost management, cost control and construction scheduling on numerous projects in the entire state of California, as well as other states in the country and overseas.

Iskander Associates, Inc. clients, include major local Architectural firms, Local and County Government Agencies, Federal Government, Developers, Hospitals and Universities.

Iskander Associates, Inc.
A Construction Consulting Company

Iskander Associates is a small, woman owned business concern. IAI is a certified MBE and SBE.

Iskander Associates, Inc. is a California Corporation.

References

County of Los Angeles, Department of Public Works (As-Needed Geotechnical Engineering, Materials & Testing Inspection Services)
Dennis Simonian
626.300.3267, dsimonian@dpw.lacounty.gov

City of Los Angeles, Bureau of Engineering (As-Needed Geotechnical & Environmental consultants List)
Easton Forcier, Geotechnical Engineer II
213.847.0476, easton.focier@lacity.org

City of Pasadena (On-Call Soils & Materials Testing Services)
Sean Singletary, Principal Engineer
626.744.4273, ssingletary@cityofpasadena.net

Consultants and/or Sub-consultants

COST ESTIMATING

Iskander A.R. Abdulla

Construction Cost and Scheduling Consultant

Mr. Abdulla has more than 40 years of experience in the administration and execution of cost consulting and engineering services on a wide range of projects, both domestic and overseas,

In addition to his experience in estimating, quantity surveying and project management, Mr. Abdulla has participated in numerous value engineering, cost estimating and cost management projects.

Mr. Abdulla also worked as expert witness on many projects including commercial, residential, institutional, and high-end residences projects.

EDUCATION

Chicago Technical College,
BS Civil Engineering

REGISTRATION

Contractors Licenses "B" in Nevada, Inactive

YEARS OF EXPERIENCE

40 Years

PROFESSIONAL AFFILIATION

American Association Of Cost Engineer International

SELECTED EXPERIENCE

- Van Nuys Courthouse
- West Los Angeles Municipal Court, Los Angeles
- Van Nuys Superior Courthouse, Van Nuys
- Merced Justice Facility
- Orange County Courthouse
- Glendale Municipal Courthouse, Glendale
- Carson City Courthouse
- South West Justice Center
- South Orange County Courthouse

Iskander Associates, Inc.
A Construction Consulting Company

Consultants and/or Sub-consultants

COMMUNITY OUTREACH / CONSTRUCTION PHASE AUTHORIZATION / GRANT ADMINISTRATION

Avant-Garde, Inc.
807 S. Lemon Avenue
Diamond Bar, CA 91789
909.895.7146

AVANT-GARDE has built a strong reputation for providing innovative and successful solutions for a number of public agencies including the Cities of Bell Gardens, La Mirada, El Monte, Temple City, Pasadena, Industry, Pico Rivera, La Puente, Hawaiian Gardens, Lynwood, Bellflower, Montebello, Maywood, Perris, Cudahy, South Gate, Alhambra, Rosemead, San Gabriel, Monterey Park, South El Monte, Ventura, Manhattan Beach, Norwalk, Rialto, Moreno Valley, LADWP, LADOT, and METRO. Their years of practice have resulted in a solid foundation of experience and technical expertise and a dedication to integrity, excellence, and quality. Services offered by the firm include: Grant Writing and Administration; Program Management; Funding Administration; Compliance Management including Labor Compliance; Construction Coordination (Bid development, analysis, etc.); and Community Outreach.

AVANT-GARDE is a 100% woman-owned California Corporation. Furthermore, AVANT-GARDE is a certified minority business enterprise, women business enterprise, disadvantaged business enterprise and small business enterprise (MBE, WBE, DBE, SBE).

AVANT-GARDE has developed an excellent reputation for individual expertise, high quality professional services, timely delivery of presentation-quality work products. AVANT-GARDE has completed and is continuing to work on several Caltrans and Metro submittals within various stages. We are proud to say that AVANT-GARDE has provided exceptional services to all our clients and has successfully completed audits with Caltrans, Metro and the Federal Highway Administration. Our files are organized in a manner that is conducive to the auditor's review and we have cleared all the audits conducted on federally funded projects that were administered through our firm.

AVANT-GARDE is currently providing the services requested in this RFQ to several cities in urban Los Angeles County, San Bernardino County, Ventura County, Orange County, and Riverside County.

References

City of El Monte
Leonardo Torres, City Engineer
626.580.2055, ltorres@elmonteca,gov

City of Huntington Beach
Chau Vu, Deputy Director Public Works
714.374.5345, chau.vu@surfcity-hb.org

City of Bell Gardens
Veronica Sanchez, Management Analyst
562.806.7770, vsanchez@bellgardens.org

Consultants and/or Sub-consultants

COMMUNITY OUTREACH / CONSTRUCTION PHASE AUTHORIZATION / GRANT ADMINISTRATION

Lissette Montoya

Program Director

Ms. Montoya has more than 20 years of expertise in project management and analysis, funding management, grant administration, public relations, and community outreach programs. She is experienced in issues impacting city governments and contract administration. She is the Vice-President and CFO of AVANT-GARDE. She has experience in identifying federal and state fund allocation balances, programming funds, and administers long-and-short range programs consistent with the economic capabilities of the city. She directs the Program Management team to ensure that projects are developed in accordance with policy and procedural requirements, assists in determining eligible projects for various funding sources, and manages development and capital improvement programs/projects from conception to completion. She has assisted various agencies in performing a variety of analyses and studies to identify State and Federal funding options; performed time-critical and confidential studies related to fiscal and administrative requirements of grant programs; assisted in the grants solicitation process; planned and coordinated the implementation of awarded grants to ensure that the city was in compliance with applicable laws and regulations, and monitored and audited grant expenses. Under her direction, our team has successfully monitored federal and state funding for municipal agencies throughout Southern California and written grants to secure over $501.6 million in funding for government agencies.

EDUCATION

California State University, Master of Business Administration

California State Polytechnic University Pomona, BS Business Management

Mount San Antonio College, AA General Studies

YEARS OF EXPERIENCE

20+ Years

SELECTED EXPERIENCE

- SR-57/60 Confluence Project, Industry, CA
- Local Highway Bridge Program, Industry, CA
- Lemon Avenue Interchange Project, Industry, CA
- Rosemead Boulevard Beautification and Enhancements, Temple City, CA
- Ms. Montoya is very familiar with the Caltrans Local Assistance Process and preparing the necessary submittals to obtain Caltrans approvals for Environmental and Right of Way clearances and securing obligation (E76) of funds for design and construction projects. Ms. Montoya and her team are currently providing funding administration services to the following cities:

  Alhambra, Bell Gardens, Cudahy, Commerce, El Monte, Industry, La Mirada, Lynwood, Manhattan Beach, Montebello, Monterey Park, Norwalk, Placentia, La Canada Flintridge, Carson, Culver City, Pico Rivera, Rosemead, Santa Monica, South El Monte, Temple City

AVANT GARDE

Grants
Compliance
Funding Management
Community Outreach

Consultants and/or Sub-consultants

COMMUNITY OUTREACH / CONSTRUCTION PHASE AUTHORIZATION / GRANT ADMINISTRATION

Ana Marie LeNoue

Program Director

Ms. Ana Marie LeNoue has 30 years of experience in municipal services. She is the President and C.E.O. of Avant-Garde. She presently directs the marketing and public relations techniques to her decades of experience in municipal project management, Ms. LeNoue identifies appropriate community outreach strategies, directs program implementation and manages project outcomes to meet the client's objectives.

Ms. LeNoue is a versatile, dynamic, results-oriented leader with a strong track record of performance in high-paced and uniquely challenging organizations. She utilizes keen analysis, insights and team approach to drive organizational improvements and implementation of sound practices. She is a strong organizer, motivator and team player with established record of success in identifying new and emerging organizational opportunities. Highly skilled in developing operational strategies and directing major marketing and service-related projects from original concept through implementation, Ms. LeNoue has superior interpersonal skills, capable of resolving multiple and complex issues and motivating staff to peak performance. She has an excellent understanding of the political culture and extensive administrative, operational, fiscal and program management experience.

EDUCATION

University of Phoenix, BS Business Management

YEARS OF EXPERIENCE

30+ Years

SELECTED EXPERIENCE

- 57/60 Confluence, City of Industry
- Whittier Blvd Revitalization, City of Montebello
- Kauffman & Dorothy Avenue Street Widening, City of South Gate
- BG Safe & Healthy Kids Program, City of Bell Gardens
- County of Los Angeles Flood Control District
- Los Angeles County Health Department
- Energy Efficiency Fair, City of Temple City
- Bi-Monthly Newsletter, City of Hawaiian Gardens
- Riverfront Park Project, City of Maywood
- ICSC Brochure, City of South El Monte
- Ford Sports Complex, City of Bell Gardens

AVANT GARDE

Grants
Compliance
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Community Outreach

Consultants and/or Sub-consultants

COMMUNITY OUTREACH / CONSTRUCTION PHASE AUTHORIZATION / GRANT ADMINISTRATION

Megan LeNoue

Program Manager

Ms. LeNoue has ten years of experience in administrative and municipal program services and contract administration. Her overall experience includes grant research and writing, funding administration, project management and analysis, community outreach support, labor compliance monitoring, and construction management assistance.

As a Program Manager, assists clients by identifying federal and state fund allocation balances, writing grant proposal applications, assisting in determining eligible projects, and providing advisement of program requirements. She oversees the development, completion, and administration of grant programs. Ms. LeNoue ensures proper delegation of tasks to the team of grant writers and ascertains grant assignments are completed in a timely manner. After assisting the City in developing a strong project plan that best meets the goals and objectives of the grant, Ms. LeNoue utilizes her grant writing skills to create narrative with clear, specific language which focuses the reviewer's attention and increases the likelihood of funding the proposed project. She is adept at researching information to assist in her development of project narrative and building a strong argument for a competitive project.

Ms. LeNoue also assists clients in successful administration of funding requirements and program management. Her responsibilities have included interfacing with Federal, State and Local Agencies to define, develop and manage project scopes, schedules, cooperative agreements, and overall project management She is proficient in preparing funding reimbursement requests and quarterly reporting through various agencies (FHWA, Metro, Caltrans, CalOES) for various multi-million-dollar projects.

EDUCATION

Saint Mary's College of California,
BA Anthropology

YEARS OF EXPERIENCE

10+ Years

SELECTED EXPERIENCE

- Bell Gardens Complete Streets Plan, City of Bell Gardens
- Circulation and Transportation Element Update, City of Bell Gardens
- 57/60 Confluence, City of Industry
- BG Safe & Healthy Kids Program, City of Bell Gardens
- Bi-Monthly Newsletter, City of Hawaiian Gardens
- Call for Projects / Measure R / Measure M - Metro: City of Industry, City of Bell Gardens, City of Commerce, City of Alhambra, City of Rosemead, City of El Monte
- Clean CA Local Grant – Caltrans: City of Bell Gardens, City of Commerce, City of El Monte, City of Huntington Beach, City of Maywood
- Local Streets & Roads Program - CTC: City of Montebello, City of El Monte

AVANT GARDE
Grants
Compliance
Funding Management
Community Outreach

Work Approach

IMEG
The FUTURE. Built Smarter.

Work Approach

The following are the areas that we are proposing to provide the City of Pico Rivera assistance with:

Engineering Design and Construction will include, but not be limited to assist with the following; consultant contract management where no conflicts of interest exist, prepare and process Requests for Proposals and help to conduct consultant selection processes per City policy, provide hydrology and hydraulic/ drainage reports, models, and studies, prepare plans, specifications, engineering design calculations, and cost estimates, coordinate design and construction activities with City departments, other agencies, citizens, and regulatory agencies, manage a variety of challenging multidisciplinary projects from budget inception through construction, ensure delivery of projects within schedule and budget, obtain easements provide public outreach coordination and exhibits, provide utility coordination and notifications for a variety of projects.

Administration/Miscellaneous Provide assistance to the City with the following; coordinate with other agencies, the public, and utility companies on engineering matters, prepare CAD exhibits, public outreach material, complex Microsoft Excel spreadsheets, Microsoft Word documents, PowerPoint presentations, as directed, for a variety of Engineering and Public Works topics, provide other engineering support services, as needed.

IMEG, through our long history of providing on-call engineering services, understands that your City staff expects the following from your consultants:

- Technical expertise to provide accurate and reliable products
- Cost efficiency
- Local staff for both timely responses and maintenance of relationships

Our promise to you is to provide this level of service with every task order. IMEG presents the following tasks for consideration:

PROJECT MANAGEMENT

Our constant philosophy is to be a customer-centric organization. In today's environment, we believe it is essential to ensure we deliver real value to our clients. We are able to do so by establishing processes from years of experience.

Our proposed team consists of staff from our local offices to ensure local knowledge and experience –with a deep bench of additional resources.

Ensuring we have the right team members focused on taking the right steps in an efficient manner saves time and money and solves problems for our clients before they move to the next step. IMEG sees the value in these methodologies both internally and for our clients and suppliers. We employ specific methods to manage projects and develop design, starting at the earliest planning and programming phases and continuing through the CD phase. Successfully developing a design starts with:

Work Approach

- Understanding the client's needs
- Providing leadership and key personnel to aid the client in determining solutions that are uniquely right for them and the needs of the project
- Identify and mitigate risk

It is essential to meet with the City to present/discuss/expand the team's ideas. We fully explain each design strategy/alternative. We like to leave this initial meeting with a narrowed list of strategies which will then require further analysis. The design process is taking a collection of ideas and making it reality.

Project Management is far more than tracking schedules, verifying budgets and maintaining quality. While these items are indeed vital to the success of each task order, we've take project management a step further by developing a work plan. The work plan may be simple or complex; they are used by our project managers to both track the task and communicate the project's progress to you, our client. Communication is essential with every project. Through it, we can adjust our team's approach as needed throughout the project rather than only at design completion meetings.

Even so, it begins with our meetings during which data will be exchanged so all of our team members – the City staff, IMEG staff and sub-consulting staff – are fully versed in the progress and have a unified effort moving forward. These meetings will be as follows:

MEETINGS

Kick-off: Will entail establishing the communications protocol of the project, individual team members, attainment of initial data, establishment of project expectations, and potentially, walking the project site.

Progress Meetings: These meeting would happen through various forms. This typically involves telephone calls, impromptu office meetings, emails or even texts. There could be more in person meetings, however, if in person meetings are not forseeable, the meetings can be conducted through a web meeting software such as Zoom or Microsoft Teams. We fully believe that face-to-face meetings provide the best interaction and, ultimately, the best result, but these meetings are not always possible. IMEG is prepared to establish an on-site meeting system suitable for the City as well as any of your other interested parties. We insist on making sure you are aware of the progress within the project. These meetings will be held regularly to discuss the progress of the task order.

Workshops: While not every task order will require workshops, IMEG offers these meetings to discuss the details of the design to date and determine modifications needed in future and final submittals.

Work Approach

1. PRELIMINARY PROJECT RESEARCH, STUDIES AND INVESTIGATIONS

Requirements for studies and investigations can vary, depending upon the type of task being performed. For example, a master plan report demands different content than does a model evaluation. A lift station would have different requirements than a wastewater treatment plant improvement. On top of that, the permitting requirements would increase the variety required. Therefore, IMEG will work with you, through each task order and with each permitting agency to determine the format and content required for each.

OUR TYPICAL STUDIES AND INVESTIGATIONS INCLUDE THE FOLLOWING:

1. Project Background
2. References and Regulations
3. Study Results
   a. Existing System
   b. Problem Statement
4. Alternative Discussions (Conceptual Design)
5. Alternative Opinion of Probable Construction Costs
6. Recommendation

While the outline presented was designed to provide you the information necessary to make decisions, some alternative requirements could be required. Such additional requirements often involve describing the City's current financial plans and capabilities and how the City will fund such a project. IMEG will consider each regulatory requirement and provide you with the design report that meets these and your needs.

2. SURVEYING

IMEG will perform enough survey which will guarantee accuracy of the final construction plans. Surveying will typically collect the following:

- IMEG will perform a topographic design survey extending through the project area to establish horizontal and vertical controls at 25' intervals. The survey shall extend 50' outside of the City right-of-way within adjacent private parcels and into cross streets. Establish existing and proposed controls including centerline, street geometrics, and right-of-way throughout project limits.
- Full street sections include obtaining field data at all control or critical points, such as CL, BCR, ECR, and at any grade breaks between curb and gutters, and/or edges of pavement, and flow lines. Survey tying into the adjacent properties if accessible and the intersecting street improvement extending 50 feet shall be included.
- IMEG will perform full street width street cross-sections on 25-foot intervals. This section will begin at the right-of-way at the rear of the residential wall/fencing along the property line and extend across the existing street conditions extending 50 feet beyond the proposed right-of-way width.

Work Approach

- The locations along each section will include existing ground elevations at the following if any; walls/fences, edge of sidewalks, top of curbs, flowlines, lip of gutters, centerlines/ ridgelines, pavement striping and existing ground elevations.
- Also included are detailed locations of driveways (width, X&Y), spandrels, handicap ramps, walkways, curbs, stairs, parking lots and parking stall layouts, buildings, planters and signs, when applicable.
- Locate utilities, power poles, guy wires, overhead lines, electrical risers, panels, and manholes, along with fire hydrants and valves in the street.
- IMEG survey will coordinate closely with the staff as they collect utility maps from the various utility companies and agencies. IMEG survey will continually update the base topographical file to add information as it becomes available.
- Dip and detail sewer and storm drain manholes can catch basins.

3. PROJECT DESIGN

Based on the City's various submittal guidelines, this task involves the development of a Preliminary Design (60% Submittal) and a Final Design (90% Submittal). IMEG will develop the plans, specifications, and if necessary, right-of-way maps and legal descriptions.

For the Preliminary Design, IMEG will provide the process design as well as base maps, survey data, site layouts and initial infrastructure design. However, we insist on providing preliminary structural calculations and drawings, preliminary electrical designs, and instrumentation and controls schematics. This information must be provided early in the process to allow efficiency and eliminate as many delays and changes as possible.

Depending upon the task order, IMEG may request a workshop after the Preliminary Design Report (PDR) is completed to discuss the design progress. During such a meeting, IMEG and the City would discuss concerns with the design, various solutions and the best alternative for the City. These meetings are intended to maintain a teaming relationship so this becomes a product of good communication and a combined knowledge-base. During this meeting, IMEG will develop a matrix of the comments so that we can properly address each comment to the best interest of the project and the City.

The success of the workshop and the project will guide the City staff and IMEG on such surveying needs as rights-of-way adjustments, real estate acquisition and exhibit development. This portion of the project could take a significant amount of time, depending upon the cooperation of landowners and other interested parties.

After the preliminary design workshop, IMEG will endeavor to complete the design - to 90% completion. We will use the matrix developed in the workshop (or, if the project does not warrant a workshop, we will endeavor to meet independently and attain the needed information to develop such a matrix) to modify the design direction as needed and complete the bidding documents. At the conclusion of the 90% design, IMEG will meet with City staff, if necessary, to fully discuss the project, the plans, the technical specifications and estimate, and the front-end documents. Information exchanged in this meeting will, again, be collected and included in a matrix. This matrix will be used to push the design to 100-percent complete and to the satisfaction of the City.

Work Approach

Throughout the bidding phase of the project, IMEG will assist the City by interpreting the bid documents and will be available to both the City and to the potential bidders for consultation. With each consultation, IMEG will document the discussions held and submit those conversations to the City for distribution to the other potential bidders.

Our intent is to extend our service of quality by assisting you in the selection of a respectable contractor. At the request of the City, IMEG is prepared to attend and assist in the bid opening process; we will provide a background review of the apparent low bidder and provide the City with a recommendation. We will also assist you in issuing a Notice-of-Award, executing the Contract, and issuing a Notice-to-Proceed.

4. UTILITY COORDINATION

At the Notice to Proceed, iMEG will start early identification by preparing the project Utility Files and issuing a Facility Map Request (FMR) letter to all utility owners identified as potentially impacted by the proposed project improvements and utilize the collected facility maps and/or 'as-built' plans to develop the preliminary Utility Plan. IMEG will prepare the preliminary Utility Plan to and provide a Quality Review. iMEG will issue a Utility Verification Letter (UVL) to the utility owners for the owner's review for correctness of the description and depiction of the utility facilities delineated on the Utility Plan. IMEG will coordinate with the utility owners and the City to determine any utility relocations or adjustments that are needed for the successful completion of the project and develop relocation plans. IMEG will develop the Utility Plan Sheets and plot utility conflicts using AUTOCAD Civil 3D.

IMEG will collect the Utility Relocation Plans from each utility owner; once the final Utility Relocation Plans have been approved, we will prepare the Notice to Owner (NTO) for approval and issue the NTO to utility owners in franchise. For any utility owners not in franchise, we will coordinate with the affected utility owner and the City to develop any necessary Utility Agreements (UA). Once any necessary UAs have been approved and executed, IMEG will issue NTOs to the utility owners. If utility relocations cannot be completed prior to construction, then utility owners' relocation work will need to be coordinated with the project staging plan and performed concurrently with construction. It is the responsibility of the utility owner to obtain all Local Public Agency (LPA) permits necessary for any relocation. IMEG can assist utility owners as necessary to obtain LPA permits.

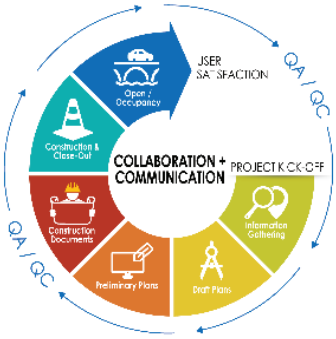
5. CONSTRUCTION SUPPORT

IMEG will provide shop drawing reviews as well as develop the record drawings, review the Contractor's submittals, provide change order review, respond to Requests for Information (RFI), and provide any support efforts to provide

Work Approach

construction drawing clarifications aimed to convey the intended design. To accomplish this, IMEG will provide engineering reviews during construction. This service not only provides IMEG with a constant knowledge of the project, it also helps the contractor with communication and review, ultimately giving the City a quality final product.

6. QUALITY CONTROL/ QUALITY ASSURANCE (QA/QC)



IMEG has a proactive and well-regimented quality control process that is used for all of our projects. Early in the project the assigned quality control manager will outline the specific quality control needs as they relate to the timing and implementation of the design and release of project documentation. Milestone technical discipline reviews and inter-discipline coordination reviews are identified for the project timeline. This information is then included in our internal design schedule to allow adequate time to provide reviews at the identified milestones.

Our philosophy of quality control starts in the beginning of a project and continues throughout the design. For each awarded project, we would have a kick-off meeting with identified QA/QC staff to review design standards and coordinate everyone into the same thought process. We would then hold weekly internal design team meetings to identify questions, research, and ideas for design options that may develop during the project.

Prior to the release of documents at milestones, senior engineers not involved in the design will review the documents. Early in the project, these reviews are used to verify design concepts and intent, while later in the project these reviews are used to catch as many project details as possible that could lead to issues in the field during construction. We will request users review construction documents at 60%, 90%, and 100% completion to assure user group buy-in and approval.

The method by which design is completed also serves as a quality control mechanism in itself. A coordinated Revit and Civil 3D model is the proposed deliverable for awarded projects. This allows the team to collaborate ensuring systems are coordinated, laid out efficiently, and allow for access/maintenance, as well as perform clash detection. While structural designs will be completed in Revit, site design typically would not utilize three-dimensional drawing software. However, civil engineering site plans are prepared in 3D with Civil 3D software. Deliverables can also be converted to AutoCAD to meet the deliverable requirements (if necessary).

During the bidding phase, we respond to all questions regarding construction documents. Our purpose will be to assure that the prospective bidders have all the information they need in order to prepare their bids. We will look closely at substitution requests and advise the design and City team as to their acceptability. This becomes extremely important

Work Approach

when the acceptance of a substitution entails a decrease in product quality or impacts the overall installation.

Our internal quality assurance minimizes the possibility of misinterpretation of the documents by bidders and reduces the opportunity for change orders during construction. The culture of a design firm is defined internally by leadership and characterized externally by relationships. We value these relationships and understand that it is impossible to have an attitude of service and quality externally without being deeply committed to those same attitudes internally. This mindset is supported by the review process that provides each employee feedback not only from supervisors, but also peers and subordinates.

SCHEDULE ADHERENCE

We have reviewed our current workload and can assure the City of Barstow of our availability and our commitment to provide our time and resources deemed necessary for the successful completion of our services. IMEG understands that services will vary and be based on a task order basis at the discretion of the City. The commitment of assigned staff for this project will not adversely impact existing client commitments. Our assigned staff for this project will be committed to the project(s) through its successful completion.

As a national firm of 2,600 employees (250+ in California), we have the resources to augment staff if and when necessary to accommodate any schedule adjustments. We strongly commit ourselves to all segments of the project within the timeframe identified in the RFQ.

At IMEG, we approach things a little differently. As your engineer and partner, we have a unique opportunity to solve these challenges for you. We are there with you when the concept design begins, we align the design intent to your goals, we serve as your partner throughout the construction process, and then see that the initial goals are achieved in actual operation.

At the beginning of each project, we review current workload. We prepare an estimate of man-hours for each phase of the project. Hours are based on individual tasks and by personnel required, i.e. principals, engineers, design technicians, CAD technicians, and specification coordinators.

Team members are chosen based on both availability and experience with the project scope. Schedule of estimated man-hours is coordinated with our rolling four-month database of assignments. We have the manpower to commit to begin working on projects to the City immediately upon award.

With this approach, there is no fragmentation or hand-off, we take you through the entire process from start to finish. It is our standard practice that no team members will be replaced for the duration of a project without prior approval of the City. We understand that each project presents a unique set of challenges that

Work Approach

demands the attention of the design team to develop innovative solutions to meet the City's objectives.

it is our mission to provide high quality consulting engineering services to our clients.

Our team is highly qualified with many years of experience in engineering, analysis, design, review and construction projects. Every team member firmly embraces a philosophy that identifies the client's project needs from concept to design and through completion of construction.

We understand that each project presents a unique set of challenges that demands the attention of the design team to develop innovative solutions to meet the project objectives. IMEG's large multi-disciplinary staff of over 250+ professionals (California) is a substantial resource pool. The size of our staff allows us to dedicate the exact resources required to deliver to the desired end product within established timeframes.

IMEG is 100-percent Revit based for all MEP, structural and technology disciplines (civil engineering is completed in Civil 3D). We provide dynamic, exceptionally intelligent building information modeling (BIM) due to the company's robust additions to the standard MEP content provided by Revit software. Along with well-established structural modeling, we provide extremely data-rich 3D models integrating all engineering design disciplines.

Our teams work globally on the same project at the same time. Each model element contains dynamic information so that any change is instantaneously updated on every drawing. This optimizes BIM coordination and collaboration among MEP, structural and technology design and in medical equipment planning. Other applications of BIM include vibration analysis, smoke control modeling, site logistics planning, concrete lift drawings, prefabrication enabling, and modeling long-term equipment use.

As a full-service engineering firm, our clients have a higher expectation when it comes to the coordination of our deliverables for all of the services that we offer. We've worked extremely hard to refine all aspects of our production process to meet this high expectation. We own the coordination between our disciplines and all sub-consultants (when applicable). It is our issue if challenges arise. We operate based on that reality and we are proud of our track record.

Whether we provide all services on a project or not, the project still benefits from the methods we've put in place to refine our collaborative project management and production processes.

Work Approach

7. CONSTRUCTIBILITY REVIEW/VALUE ENGINEERING

Constructibility review and value engineering are two essential processes to improve project outcomes, enhance efficiency, and minimize costs.

IMEG's Constructibility review is a systematic assessment of a construction project's design and plans to ensure they are feasible, practical, and cost-effective. This process involves a thorough examination of the project's blueprints, specifications, and other documents to identify potential issues or inefficiencies. Our reviews will take into consideration various factors, including construction methods, materials, scheduling, and safety. By identifying and addressing potential problems early in the project's development, constructibility reviews can help avoid costly changes and delays during construction, resulting in a smoother and more cost-effective construction process.

IMEG's Value engineering performs a systematic and organized approach to optimize the value of a project while minimizing costs. It involves analyzing the project's components, materials, and processes to identify opportunities for cost reduction without compromising quality or functionality. Our value engineering seeks to maximize the project's value by finding innovative solutions, reducing waste, and enhancing performance. It often involves collaboration among different stakeholders, including designers, engineers, and contractors, to brainstorm ideas for cost-effective alternatives. By applying value engineering principles, construction projects can achieve cost savings, improve project performance, and enhance the overall value proposition for the project owner or stakeholders.

Both constructibility review and value engineering play vital roles in enhancing the overall success and efficiency of construction projects, contributing to better outcomes in terms of cost, quality, and timeliness.

Client References

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Client References

CITY OF DIAMOND BAR

Christian Malpica
Project Manager
21810 Copley
Diamond Bar, CA 91765
O: 909.839.7042
E: cmalpica@diamondbarca.gov

Services Provided:

- Capital Improvements, Slope Repair, storm drainage, domestic water, sanitary sewer, street lighting, surveying, mapping

CITY OF ONTARIO

Khoi Do
City Engineer
303 E. B Street
Ontario, CA 91764
O:909.395-2025
E: kdo@ontarioca.gov

Services Provided:

- Capital Improvements, storm drainage, domestic water, sanitary sewer, street lighting, surveying, mapping

CITY OF ANAHEIM

Mike Eskander
Principal Civil Engineer
Dept. of Public Works
200 S. Anaheim Blvd. Suite 276
Anaheim, Ca 92805
O: 714.765.4414
E: meskander@anaheim.net

Services Provided:

- Plan Check Services
- Civil Engineering Services

"IMEG's communication, collaboration, and expertise have been critical components in the successful completion of our projects. They are quick to acknowledge client priorities and limitations and look years into future planning, considering the more global effects on a facility."

Ben Simon, Project Manager, Conlon Construction Co.

Rights to Materials

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Rights to Materials

IMEG understands that all responses, inquiries, and correspondence relating to this RFP and all reports, charts, displays, schedules, exhibits, and other documentation produced that are submitted as part of the proposal becomes property of the City of Pico Rivera.

Schedule of Hourly Rates

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Schedule of Hourly Rates

IMEG STANDARD HOURLY RATES	
Discipline/Service: Civil, Land Survey, Landscape Architecture	
Role	**Rate**
Senior Client Exec/Senior Market Director/VP	$300
Client Executive/Market Director	$285
Project Executive	$240
Senior Project Manager 2	$230
Senior Project Manager I	$210
Engineer of Distinction/Landscape Architect of Distinction/Planner of Distinction	$230
Senior (Engineer/Landscape Architect/Planner) 3	$220
Senior (Engineer/Landscape Architect/Planner) 2	$205
Senior (Engineer/Landscape Architect/Planner) 1	$185
Project (Engineer/Landscape Architect/Planner) 2	$175
Project (Engineer/Landscape Architect/Planner) 1	$165
Graduate (Designer/Survey) 2	$135
Graduate (Designer/Survey) 1	$115
Senior Land Surveyor 3	$180
Senior Land Surveyor 2	$170
Senior Land Surveyor 1	$160
Project Surveyor 2	$150
Project Surveyor 1	$145
Designer of Distinction	$190
Senior (Designer/Crew Chief) 3	$180
Senior (Designer/Coordinator/ Crew Chief) 2	$170
Senior (Designer/Coordinator/ Crew Chief) 1	$160
Project (Designer/Senior Technicial Crew Chief) 2	$145
Project (Designer/Senior Technicial Crew Chief) 1	$140
Designer 2/Technician 4	$130
Designer 1/Technician 3	$115
Design Technician 2/Technician 2	$110

Schedule of Hourly Rates

IMEG STANDARD HOURLY RATES	
Discipline/Service: Civil, Land Survey, Landscape Architecture	
Role	**Rate**
Senior Construction Administrator	$165
Construction Administrator	$145
GIS System Architect	$130
GIS Analyst	$120
Senior Virtual Design Coordinator	$150
Virtual Design Coordinator	$140
Senior Virtual Design Technician	$130
Virtual Design Technician	$105
Administrative Assistant	$95

Note:

1. These rates are for staff located in the office providing the service. Staff based in one of IMEG's other offices may have different billing rates. These rates can be provided as requested

2. Rates are adjusted annually.

Reimbursables:

- Postage and delivery charges
- Travel Expense: Automobile mileage will be invoiced at the IRS rate in effect at the time of travel. Travel expenses include mileage, tolls, parking fees, taxi, train, airfare, rental car, fuel, and other out of pocket travel related expenses
- Meals and lodging, when required to travel overnight
- Project-specific insurance coverage riders or amendments necessary to comply with required insurance requirements above current IMEG limits and conditions
- Reproduction costs for existing facility documents, and for one record set of contract document deliverables at each project phase/milestone when not provided to IMEG by the Architect
- Reproduction and distribution costs associated with issuing contract documents
- Payment of plan review fees or other imposed governmental agency fees
- State filing and/or permit fees
- Necessary consultants as approved by Client

Schedule of Hourly Rates

IMEG STANDARD HOURLY RATES	
Discipline/Service: Structural, MEP, Technology, Commissioning, Medical Equipment Planning	
Role	**Rate**
Senior Client Exec/Senior Market Director/VP	$360
Client Executive/Market Director	$320
Project Executive	$295
Senior Project Manager 2	$265
Senior Project Manager I	$230
Engineer of Distinction	$280
Senior (Engineer/Planner/Consultant) 3	$265
Senior (Engineer/Planner/Consultant) 2	$230
Senior (Engineer/Planner/Consultant) 1	$210
Project (Engineer/Consultant) 2	$185
Project (Engineer/Consultant) 1	$175
Graduate (Designer/Consultant/Planner/Authority/ Analyst) 2	$150
Graduate (Designer/Consultant/Planner/Authority/ Analyst) 1	$135
Designer of Distinction	$240
Senior (Designer/Authority/Consultant) 3	$220
Senior (Designer/Authority/Consultant) 2	$215
Senior (Designer/Authority/Consultant) 1	$190
Project (Designer/Authority/Consultant) 2	$175
Project (Designer/Authority/Consultant) 1	$165
Designer (Authority/Analyst) 2	$140
Designer (Authority/Analyst) 1	$130
Design Technician 2	$110
Design Technician 1/Intern	$105
Senior Construction Administrator	$210
Construction Administrator	$170

Schedule of Hourly Rates

IMEG STANDARD HOURLY RATES	
Discipline/Service: Structural, MEP, Technology, Commissioning, Medical Equipment Planning	
Role	**Rate**
Senior Virtual Design Coordinator 2	$160
Senior Virtual Design Coordinator 1	$150
Virtual Design Coordinator 2	$145
Virtual Design Coordinator 1	$130
Virtual Design Technician	$110
Administrative Assistant	$100

Note:

1. These rates are for staff located in the office providing the service. Staff based in one of IMEG's other offices may have different billing rates. These rates can be provided as requested
2. Rates are adjusted annually.

Reimbursables:

- Postage and delivery charges
- Travel Expense: Automobile mileage will be invoiced at the IRS rate in effect at the time of travel. Travel expenses include mileage, tolls, parking fees, taxi, train, airfare, rental car, fuel, and other out of pocket travel related expenses
- Meals and lodging, when required to travel overnight
- Project-specific insurance coverage riders or amendments necessary to comply with required insurance requirements above current IMEG limits and conditions
- Reproduction costs for existing facility documents, and for one record set of contract document deliverables at each project phase/milestone when not provided to IMEG by the Architect
- Reproduction and distribution costs associated with issuing contract documents
- Payment of plan review fees or other imposed governmental agency fees
- State filing and/or permit fees
- Necessary consultants as approved by Client

Schedule of Hourly Rates

Architect - Westberg White Architecture		
Title / Position	**Name**	**Hourly Rate**
Principal-in-Charge	Greg Beard	$255.00
Project Architect / Manager	Jon Gomer	$205.00
QA/QC Manager	Robert Bender	$190.00
Senior Designer - Interiors	John Garakian	$160.00
Senior Project Design Architect	Stan Powely	$150.00
Planner	Aria Valipour	$110.00
Senior Job Captain / Estimator	Queston Kwolek	$135.00
Specification Writer	Rich Matteo	$85.00
Sr. Job Captain	Shanaz Ansari	$120.00
CADD / BIM Tech	Gavin Beard	$105.00
Contract Administrator	Gang Chen	$140.00
Clerical	Cathy Beard	$70.00

Schedule of Hourly Rates

Carlson Strategic Land Solutions, Inc.

Carlson Strategic Land Solutions, Inc.

Fee Schedule

President	$245/hour
Senior Project Manager	$200/hour
Project Manager	$175/hour
Biologist	$135/hour
Field Assistant	$115/hour

REIMBURSABLE EXPENSES. Expenses incurred directly for the Client's project will be billed at the actual cost and are not included in the original contract amount. Expenses include, but are not limited to, reprographics, Federal Express, necessary transportation costs including mileage by automobile at the IRS reimbursement rate, toll road fees, meals and lodging, computer services and photocopying.

PAYMENT DUE. Invoices are due upon presentation and shall be considered past due if not paid within 15 (fifteen) calendar days of the due date. Finance charges, computed by a "Periodic Rate" of 1-1/2% per month, will be charged on all past due amounts.

CHANGE ORDERS. Change Orders may be subject to future fee schedule increases.

Schedule of Hourly Rates

Client: IMEG
Agency: City of Pico Rivera
Project: On Call Engineering Services
Scope of Services: Right of Way Acquisition
Date Submitted: 2/5/2024
Prepared by: C Sinclair

OH		Profit
164.93%		10%

	2023 Labor Rates	FYE 2020		
Title/Classification	**Direct Labor**	**OH**	**Profit**	**Fully-Loaded Rate**
Senior Advisory Manager	$ 75.96	164.93%	10%	**$221.36**
Advisory Manager	$ 60.10	164.93%	10%	**$175.15**
Senior Project Manager	$ 57.69	164.93%	10%	**$168.12**
Project Manager	$ 48.08	164.93%	10%	**$140.12**
Assistant Project Manager	$ 43.27	164.93%	10%	**$126.10**
Senior Right of Way Agent	$ 38.00	164.93%	10%	**$110.74**
Right of Way Agent	$ 32.21	164.93%	10%	**$93.87**
Right of Way Agent	$ 31.61	164.93%	10%	**$92.12**
Administrative Support	$ 28.85	164.93%	10%	**$84.08**
Budget & Financial Controls	$ 40.87	164.93%	10%	**$119.10**

The rates above reflect the direct salary rates for individuals that are currently anticipated to participate in work under this contract. The actual rate billed shall be based on the direct salary of the individual having performed the work, plus overhead and profit . These rates will be re-calculated at the beginning of each calendar year.

Staff billing rates provided include the Federal Acquisition Regulations (FAR) approved overhead rate for Epic Land Solutions, Inc. and are suitable for state and federally funded projects.

If the NTP is received after 120 days from this proposal, fees and billing rates may require revision.

Other Direct Costs	Rate
Mileage	At IRS Allowable
Postage/Overnight Delivery	At Cost
Property Ownership and Tenant Data	At Cost
Outside Services (Vendors & Subconsultants)	At Cost

Schedule of Hourly Rates

GEOCON
WEST, INC.
GEOTECHNICAL ■ ENVIRONMENTAL ■ MATERIALS

2023 SCHEDULE OF FEES

Professional Services

Word Processor/Non-Technical Assistant/Draftsman/Dispatcher	$95/hr
Engineering Assistant/Lab Technician	95/hr
Engineering Field Technician (Earthwork/Compaction Testing/Backfill)	*85/hr
Special Inspector (Concrete, Rebar, Masonry, Welding, etc.)	*90/hr
Engineering Inspector (Bottom Approval / Shoring / Foundations / Piles)	*110/hr
LA City Deputy Grading Inspector (Bottom Approval / Shoring / Foundations / Piles)	*125/hr
Staff Engineer/Geologist	*125/hr
Senior Staff Engineer/Geologist	*135/hr
Project Engineer/Geologist	*145/hr
Senior Project Engineer/Geologist	*155/hr
Senior Engineer/Geologist	*175/hr
Associate Engineer/Geologist	*200/hr
Principal Engineer/Geologist/Litigation Support	400/hr
Attorney Fees (General)	500/hr
Deposition or Court Appearance	550/hr
Overtime/Saturday Rate/Night Rate (7pm – 6am w/ 8-Hour minimum per call out)	1.5 X Regular Hourly Rate
Sunday and Holiday Rate	2 X Regular Hourly Rate
Minimum Field Services Fee per call-out, 4 Hours (if 4 hours or less), 8 Hours (if more than 4 hours and less than 8 Hours)	
Short-Notice Cancellation, 4 Hours (if after 4 pm of the day prior to the scheduled inspection time)	
Short-Notice Cancellation, 4 Hours (upon or after arrival at jobsite)	

*Prevailing Wage (PW) California Labor Code §1720, et. Seq add $50/hr

Travel

Personnel	Regular Hourly Rate
Subsistence (Per Diem)	$300/day
Vehicle Mileage	0.75/mile

Equipment, Materials, & Analytical Tests

Nuclear Density Gauge / Sand Cone Testing Equipment	$10/hr	55-Gallon Drum	120/ea
Vehicle	10/hr	Visqeen (6 mil 20X100')	135/roll
Special Inspection Equipment	5/hr	Traffic Cones/Barricades	35/day
Asphalt Cold Patch/Concrete	30/bag	TPHg(EPA 8015B)	70/ea
Double Ring Infiltrometer Equipment	200/day	TPHd/TPHmo	(EPA 8015M) 75/ea
GPS Unit	160/day	TPH Carbon Chain Breakdown	(EPA 8015M) 110/ea
Pick-up Truck	150/day	Methanol and/or Ethanol (EPA 8015M)	125/ea
Water Buffalo	75/day	Volatile Organic Compounds	(EPA 8260B) 125/ea
Dynamic Cone Penetrometer	400/day	Semi-Volatile Organic Compounds	(EPA 8270) 225/ea
Hand-Auger	50/day	PAHs (EPA 8270SIM)	185/ea
Distilled Water (5-gallon)	20/ea	CAM 17 Metals (EPA 6010B)	170/ea
Bailer (Reusable)	35/day	Single Metal	(EPA 6010B) 30/ea
Bailer (Disposable)	15/ea	Hexavalent Chrome (EPA 7199)	75/ea
Stainless Sampling Pump	$150/day	Organochlorine Pesticides (EPA 8081)	110/ea
Battery-Powered Pump	75/day	Organophosphorus Pesticides (EPA 8141)	125/ea
Water Level Indicator	40/day	Chlorinated Herbicides (EPA 8151)	125/ea
Interface Probe	125/day	PCBs (EPA 8082)	95/ea
Photo-Ionization Meter	150/day	Soil pH (EPA 9045C)	20/ea
Combustible Gas Meter	150/day	WET or TCLP Extraction	85/ea
pH/Conductivity/Temperature Meter	150/day	EPA 5035 Sample Kits	40/ea
Turbidity Meter	80/day	Asbestos (PLM)	25/ea
Air Sampling Pump	80/day	Asbestos (400-point count)	50/ea
Level D PPE/Decon Rinse Equipment	50/day	Sample Compositing	20/composite
Concrete Coring Equipment	285/day	48-hour Turnaround Time	60% surcharge
Generator or Air Compressor	150/day	72-hour Turnaround Time	40% surcharge

500 N Victory Boulevard ■ Burbank, CA 91502 ■ Telephone 818.841.8388 ■ Fax 818.841.1704

Schedule of Hourly Rates

Laboratory Tests*

COMPACTION CURVES

(D698/D1557/T99/T108) 4-inch mold	$300/ea
(D698/D1557/T99/T108) 6-inch mold	300/ea
(CT 216) California Impact	300/ea
Check Point	125/ea
(D1632/CT312) Soil Cement Cyl. Fabrication (Set of 3)	200/set
(D1632/CT312) Soil Cement Cyl. Fabrication (Addtl. Spec.)	75/ea
(D1633/CT312) Soil Cement Comp. Strength (Set of 3)	350/set
(D1633/CT312) Soil Cement Comp. Strength (Addtl. Spec.)	125/ea

SOIL AND AGGREGATE STABILITY

(D2844/CT301) Resistance Value	$350/ea
(D2844/CT301) Resistance Value, Treated	350/ea
(D1883) California Bearing Ratio	600/ea
(C977) Stabilization Ability of Lime	185/ea
(D1883) Calif. Bearing Ratio (Army Corp of Engineers)	600/ea

CHEMICAL ANALYSIS

(G187/CT643/T288) pH and Resistivity	$175/ea
(D4972/T289) pH Only	75/ea
(CT417) Sulfate Content	125/ea
(CT422) Chloride Content	125/ea
(D2974) Organic Content	100/ea

PERMEABILITY, CONSOLIDATION AND EXPANSION

(D5084) Permeability, Flexible Wall	$270/ea
(D5856) Permeability, Rigid Wall	260/ea
(D2434) Permeability, Constant Head	280/ea
(D2434) Permeability, FHA Slab-on-Grade	110/ea
(D2434) Permeability, Hourly	55/ea
(D2435/T216) Consolidation (6 pts. w/ Unload)	$400/ea
(D2435/T216) Consolidation Additional Point w/ Unload	$90/ea
(D4546) Swell/Compression Testing & Density	125/ea
(D4546) Swell/Settlement Testing & Density (ea. addtl. pt.)	85/ea
(D4546) Swell/Settlement Testing & Density (County)	100/ea
(D4546) Swell/Settlement Testing & Density (FHA)	90/ea
(D4829) Expansion Index of Soils	250/ea

STEEL TESTING

Reinforcing Steel Tests:

(A370) Tensile Strength & Elongation	
#11 Bar & Smaller	$100/ea
#14 Bar	$125/ea
#18 Bar (Proof Test)	$150/ea
(A370) Bend Test	
#11 Bar & Smaller	$50/ea
#14 & #18 Bar	$75/ea
(A370) Tensile - Mechanically Spliced Bar	
#11 Bar & Smaller	$175/ea
#14 Bar & Larger	$225/ea
(A370) Tensile – Electric Resist. Butt Splice w/ Control	175/ea
(A370) Straightening of bar (if required)	50/ea

Structural Steel Tests:

(A370) Machining & Prep of Test Specimen	Cost + 20%
(A370) Tensile Strength & Elongation	
Up to 200,000 lbs	$125/ea
200,000 – 300,000 lbs	150/ea
300,000 – 400,000 lbs	175/ea

Pre-stressing Wire & Tendon Tests:

(A421) Tensile Strength, Single Wire	$175/ea
(A416) Tensile Strength, 7-Wire Strand	$200/ea

SOIL AND AGGREGATE PROPERTIES

(D422/T88) Particle Size, Hydrometer w/out Sieve	$250/ea
(C136/D6913/T27) Sieve, Coarse to Fine w/ #200 Wash	175/ea
(C136/D6913/T27) Sieve, Coarse or Fine w/ #200 Wash	150/ea
(C136/D6913/T27) Sieve, Coarse or Fine No #200 Wash	125/ea
(C117/D1140/T11) Materials Finer than #200	115/ea
(D2216/T265/CT226) Moisture Content	40/ea
(D2487/D2488) Visual Soil Classification	40/ea
(D2937) Density of In-Place Soil, Drive-Cyl. Method	50/ea
(D4943) Shrinkage Factors of Soils, Wax Method	75/ea
(C131/C535/CT211) L.A. Abrasion Resistance	$250/ea
(C142/T112) Clay Lumps and Friable Particles	155/ea

SOIL AND AGGREGATE PROPERTIES (CONTD.)

(C123/T113) Light Weight Particles	250/ea
(D3744/CT229/T210) Durability Index Fine	200/ea
(D3744/CT229/T210) Durability Index Coarse	200/ea
(CT227) Cleanness Value	200/ea
(D4791) Flat & Elongated Particles	175/ea
(D693/CT205) Percent Crushed Particles	200/ea
(D5821) Percent. of Fractured Particles, Coarse Aggregate	200/ea
(C40/CT213/T21) Organic Impurities	100/ea
(C235) Soft Hardness (Scratch Hardness)	125/ea
(C88/CT214/T104) Sulfate Soundness	500/ea
(C1252/T304) Uncompact. Void Content, Fine Aggregate	175/ea
(C127/CT206/T85) Coarse Specific Gravity	150/ea
(C128/CT207/T84) Fine Specific Gravity	175/ea
(D854/CT209/T100) Specific Gravity of Soil	200/ea
(C29/CT212/T19) Unit Weight & Percent Voids	125/ea
(D2419/CT217/T176) Sand Equivalent	150/ea
(D4318/CT204/T89/T90) Plastic Index (Plastic/Liq. Limit)	250/ea
(D4318/CT204/T89) Liquid Limit	125/ea
(D4318/CT204/T90) Plastic Limit	125/ea
(C330) Spec. for Lightweight Aggregates, Struc. Concrete	Quote

SHEAR STRENGTH

(D2166) Unconfined Compression	$100/ea
(D3080/T236) Direct Shear (3 points)	350/set
(D3080/T236) Direct Shear Addtl. Points/ea. residual pass	$125/ea
(D2850) Unconsolidated-Undrained Triaxial Shear	115/ea
(D2850) Unconsolidated-Undrained Triaxial Staged	160/ea
(D4767) Consolidated-Undrained Triaxial Shear	265/ea
(D4767) Consolidated-Undrained Triaxial Staged	340/ea
(EM1110) Consolidated-Drained Triaxial Shear	375/ea
(EM1110) Consolidated-Drained Triaxial Staged	480/ea

MASONRY**

Concrete Block Test (Sets of 3 Required):

(C140) Unit Weight Moisture Content & Absorption	$350/ea
(C140) Moisture Content/Absorption (ea. addtl. specimen)	125/ea
(C140) Compression Test	300/ea
(C140) Compression Test (ea. addtl. specimen)	125/ea
(C426) Linear Drying Shrinkage	350/ea
(C109/UBC 21-16) Mortar Cylinder (2"x4")	30/ea
(C942) Grout Prism (3"x3"x6"), trimming included	35/ea

Masonry Prism (Assemblage):

(C1314) 8"x8"x16" – 8"x12"x16"	$200/ea
(C1314) 8"x16"x16" – 10"x12"x16"	225/ea
(C1314) 12"x12"x16" – 12"x16"x16"	250/ea
(C1314) Larger than 12"x16"x16"	Quote

Schedule of Hourly Rates

Laboratory Tests* (continued)

High Strength Bolt, Nut, & Washer Tests:
(A325/A490) Tensile Test on Bolts $100/ea
(A563) Proof Load Test on Nuts $100/ea
(A325/A490) Hardness Test on Bolts $50/ea
(A536) Hardness Test on Nuts $50/ea
(F436) Hardness Test on Washers $50/ea
Weld Specimen Tests:
(E164) Ultrasonic Examination ..... Quote
Machining & Prep of Test Specimen ..... Cost + 20%
(E381) Macrotech Test (3 Faces) $355

ASPHALT TESTING

Asphalt Properties:
(D2726/CT308/T166) Bulk Spec. Grav. Compacted HMA $100/ea
(D1560/CT366) Stabilometer Value (HVEEM) $225/ea
(D2041) Theoretical Max Specific Gravity $200/ea
(D5444) Sieve Analysis of Extracted Asphalt $250/ea
(D6307/CT382) Percent Asphalt, Ignition Method $175/ea
(D1188) Unit Weight of Asphalt Core $95/ea

MISCELLANEOUS TESTING SERVICES

Calibration of Hydraulic Ram:
100 Ton & Under $250/ea
101 Tons – 200 Tons 350/ea
Use of Universal Testing Machine:
UTM with One Operator $400/ea
Additional Technician ..... Regular Tech Rate
Spray Applied Fireproofing:
(E605/E736) Fireproofing Oven Dry Density/Thickness ... $125/ea

Brick Test (Set of 5 Specimens):
(C67) 24-Hour Absorption, Cold Water $250/set
(C67) 5-Hour Absorption, Boiling Water $250/set
(C67) Compression Test or Modulus of Rupture $300/set
(C67) Each Additional Specimen $100/ea

CONCRETE**

Mix Designs:
(ACI211/ACI214) Concrete Mix Design $450/ea
(ACI211/ACI214) Review of Concrete Mix Design $450/ea
(C192) Concrete Trial Mix (includes equipment & labor) .. $650/ea
Concrete Properties:
(C39/CT521/T22) Comp. Strength, Concrete Cyl $30/ea
(C42/CT521/T22) Comp. Strength, Concrete/Gunite Core ... $60/ea
(C78/CT523) Flex. Strength of 6"x6"x21" Concrete Beam .. 125/ea
(C174) Length Measuring of Drilled Cores $100/ea
(C1140) Shotcrete Panel-Coring & Testing (Set of 3) $350/set
(C1140) Shotcrete Panel (each addtl. specimen) $125/ea
(C496) Static Modulus of Elasticity $250/ea
(C496) Drying Shrinkage (Set of 3, up to 28 days) $650/set
(C642) Spec. Gravity, Absorp., Voids in Hardened Concrete. 95/ea

(F1869) Vapor Emission Rate, Concrete Subfloor 50/ea

***2X Surcharge on rush turn-around for laboratory testing.**
****Fee applies for sample storage, testing, or disposal.**

1. Listed are typical charges for the services most frequently performed by Geocon. Prices for unlisted services as well as special quotations for programs involving volume work will be provided upon request. Laboratory test prices shown are for laboratory work only, and include reporting of routine results not calling for comments, recommendations or conclusions.
2. Sampling and testing is conducted in substantial conformance with the latest applicable or designated specifications of the American Society for Testing and Materials, Caltrans, American Association of State Highway and Transportation Officials, or other pertinent agencies.
3. Saturday, night work, and overtime hours are charged at time and one-half; Sundays and holidays at double time. Per diem is $155.00 per day when location of work dictates.
4. Equipment and materials will be billed at cost plus 15%. Outside services including subcontractors and rental of special equipment are billed at cost plus 15%. Hourly services are billed portal to portal from closest office in accordance with the stated hourly rates herein, with a minimum two-hour charge
5. Invoices will be submitted at four-week intervals. Terms of payment are met upon presentation of invoice. Invoices become delinquent thirty (30) days from invoice date and subject to one and one-half percent (1-1/2%) service charge per month, or the maximum rate allowed by law, whichever is lower. If Client objects to all or any portion of any invoice, Client will so notify Geocon in writing within fourteen (14) calendar days of the invoice date, identify the cause of disagreement, and pay that portion of the invoice not in dispute. The parties will immediately make every effort to settle the disputed portion of the invoice. Payment on delinquent invoices will first be applied to accrued interest and then to the principal amount. All time spent and expenses incurred (including any attorney's fees and costs) in connection with collection of any delinquent amount will be paid by Client to Geocon per Geocon's current fee schedule.
6. Client and Geocon shall allocate certain of the risks so that, to the fullest extent permitted by law, Geocon's (the term "Geocon" includes Geocon's partners, officers, directors, employees, agents, affiliates, subcontractors and subconsultants) total aggregate liability to Client *is limited to the greater of $50,000 or the total compensation received from Client by Geocon for services rendered on this project, for any and all of Client's injuries, damages, claims, losses, expenses, or claim expenses arising out of this Agreement from any cause or causes, including attorneys' fees and costs which may be awarded to the prevailing party, and Client agrees to indemnify and hold harmless Geocon from and against all liabilities in excess of the monetary limit established above.*
7. Client and Geocon shall allocate certain of the other risks so that, to the fullest extent permitted by law, Client shall limit Geocon's total aggregate liability to all third parties, including contractors, subcontractors of all tiers, materialmen, and others involved in Client's project, as well as persons and other entities not involved in the project, to *the greater of $100,000 or the total compensation received from Client by Geocon for services rendered on this project, for any and all injuries, damages, cause or causes, including attorneys' fees and costs which may be awarded to the prevailing party, and Client agrees to indemnify and hold harmless Geocon from and against all liabilities in excess of the monetary limit established above, including all liability incurred by Geocon for acts, errors, or omissions, pursuant to entering into agreements with third parties on behalf of Client in order to obtain access or entry onto property not owned by Client. Client agrees to notify all contractors and subcontractors of any limitation of Geocon's liability to them, and require them to abide by such limitation for damages suffered by any contractor or subcontractor arising from Geocon's actions or inactions. Neither the contractor nor any subcontractor assumes any liability for damages to others which may arise on account of Geocon's actions or inactions.*

Schedule of Hourly Rates

Hourly Rates

STC Traffic is a local business and there are no direct costs for mileage.

Outsourced reimbursable expenses such as printing and reproduction, deliveries and overnight shipping, computerized plotting, materials, etc., will be charged to the client at the consultant's cost without mark-up.

Executive/Management Classifications	**Hourly Rate**
Principal-In-Charge	$290
Senior Principal Manager	$270
Principal Manager	$260
Senior Project Manager	$240
Project Manager III	$220
Project Manager II	$210
Project Manager I	$200
Professional Engineering Classifications	
Principal Engineer	$230
Senior Project Engineer	$210
Project Engineer III	$190
Project Engineer II	$160
Project Engineer I	$140
Professional Planning Classifications	
Principal Planner	$200
Senior Project Planner	$180
Project Planner III	$170
Project Planner II	$140
Project Planner I	$120
Technical/Specialized Classifications	
Senior Systems Engineer/Technical Specialist	$220
Systems Engineer / Technical Specialist III	$200
Systems Engineer / Technical Specialist II	$170
Systems Engineer / Technical Specialist I	$150
Construction Manager	$240
Senior Construction Engineer/Inspector	$220
Construction Engineer/Inspector III	$190
Construction Engineer/Inspector II	$160
Construction Engineer/Inspector I	$140
Senior Drafter	$160
Drafter III	$150
Drafter II	$130
Drafter I	$110
Other Classifications	
Intern	$100
Expert Witness	$400

Schedule of Hourly Rates

RHA
LANDSCAPE
ARCHITECTS
PLANNERS, INC.

NORMAL HOURLY RATES 2024

Senior Principal	$230.00 per hour
Principal Landscape Architect	200.00 per hour
Project Manager	150.00 per hour
Landscape Designer	125.00 per hour
Administrative Personnel	80.00 per hour

REIMBURSABLE ITEMS

Reimbursable items such as the cost of blueprinting, graphic reproduction and plotting will be billed at our direct cost plus 15%. Auto travel will be charged at $0.585 per mile. Where we are able to utilize direct billing to Owner established accounts the "plus 15%" is not applicable.

OVERTIME REQUESTS

It is RHA's responsibility to schedule the project's completion under normal conditions without the use of the staff on an overtime basis. If the owner adjusts the deadline or requests that work be completed earlier than originally scheduled and thus requires overtime, the fees shall be adjusted to cover the increased costs incurred by RHA. The hourly rates for overtime will be one and one-half (1½) times the hourly rates above.

TERMS AND CONDITIONS OF PAYMENT

We will bill on a monthly basis in proportion to the time spent on the project to date. All billing statements are due within 15 days of Engineers receipt of payment from client. Interest will be charged at the rate of 1½% per month on the past due balance thirty days and over. RHA shall have the right to stop work should accounts become past due.

Schedule of Hourly Rates

Iskander Associates, Inc.
A Construction Consulting Company

HOURLY RATES FOR 2022-2025 (Four Years)

COST ESTIMATING SERVICES (IN-OFFICE OR SITE/FIELD VISITS)	
PRINCIPAL	$ 235.00
SENIOR SPECIAL PROJECTS CONSULTANT	$ 150.00
SENIOR ARCHITECTURAL ESTIMATOR	$ 150.00
SENIOR STRUCTURAL ESTIMATOR	$ 150.00
SENIOR MECHANICAL/ELECTRICAL ESTIMATOR	$ 150.00
SENIOR CIVIL ESTIMATOR	$ 150.00
ARCHITECTURAL ESTIMATOR	$ 125.00
STRUCTURAL ESTIMATOR	$ 125.00
MECHANICAL/ELECTRICAL ESTIMATOR	$ 125.00
CIVIL ESTIMATOR	$ 125.00
TECHNICAL SUPPORT	$ 85.00
CLERICAL	$ 75.00
LIFE CYCLE COST ANALYST	
SENIOR LIFE CYCLE COST ANALYST	$ 250.00
LIFE CYCLE COST ANALYST	$ 150.00
SCHEDULING	
SENIOR SCHEDULER	$ 195.00
SCHEDULER	$ 145.00
VALUE ENGINEERING SERVICES	
CERTIFIED VALUE ENGINEER	$ 400.00
VALUE ENGINEER TEAM LEADER	$ 275.00
VALUE ENGINEERING TEAM MEMBERS (OUTSIDE CONSULTANTS RATES - FROM	
ARCHITECTS	
ENGINEER	
COST CONSULTANT	
SENIOR LIFE CYCLE ANALYST	
TECHNICAL SUPPORT	
CLERICAL	
CONSTRUCTABILITY REVIEWS	
SENIOR CONSULTANT	$ 235.00
CONSULTANT	$ 150.00
CLERICAL	$ 75.00

Schedule of Hourly Rates

AVANT GARDE
Grants
Compliance
Funding Management
Community Outreach

Avant-Garde offers the following hourly rates for all services proposed under this RFP.

Program Director	$150
Program Manager	$135
Senior Program Coordinator	$125
Program Coordinator	$110
Program Assistant	$100

APPENDIX C
NON-COLLUSION AFFIDAVIT

The undersigned declares states and certifies that:

1. This Proposal is not made in the interest of, or on behalf of any undisclosed person, partnership, company, association, organization or corporation. This Proposal is genuine and not collusive or sham.

2. I have not directly or indirectly induced or solicited any other Proposer to put in a false or sham proposal and I have not directly or indirectly colluded, conspired, connived, or agreed with any other Proposer or anyone else to put in sham proposal or to refrain from submitting to this RFP.

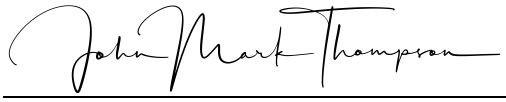
3. I have not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the proposal price or to fix any overhead, profit or cost element of the proposal price or to secure any advantage against the City of Pico Rivera or of anyone interested in the proposed contract.

4. All statements contained in the Proposal and related documents are true.

5. I have not directly or indirectly submitted the proposal price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay any fee to any person, corporation, partnership, company, association, organization, RFP depository, or to any member or agent thereof to effectuate a collusive or sham proposal.

6. I have not entered into any arrangement or agreement with any City of Pico Rivera public officer in connection with this proposal.

7. I understand collusive bidding is a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards.



Signature of Authorized Representative

John M. Thompson, PE, QSD/P
Name of Authorized Representative

Principal-in-Charge
Title of Authorized Representative

EXHIBIT B
APPROVED FEE SCHEDULE

(SCHEDULE OF HOURLY LABOR RATES AND REIMBURSABLE)

Schedule of Hourly Rates

IMEG STANDARD HOURLY RATES	
Discipline/Service: Civil, Land Survey, Landscape Architecture	
Role	**Rate**
Senior Client Exec/Senior Market Director/VP	$300
Client Executive/Market Director	$285
Project Executive	$240
Senior Project Manager 2	$230
Senior Project Manager I	$210
Engineer of Distinction/Landscape Architect of Distinction/Planner of Distinction	$230
Senior (Engineer/Landscape Architect/Planner) 3	$220
Senior (Engineer/Landscape Architect/Planner) 2	$205
Senior (Engineer/Landscape Architect/Planner) 1	$185
Project (Engineer/Landscape Architect/Planner) 2	$175
Project (Engineer/Landscape Architect/Planner) 1	$165
Graduate (Designer/Survey) 2	$135
Graduate (Designer/Survey) 1	$115
Senior Land Surveyor 3	$180
Senior Land Surveyor 2	$170
Senior Land Surveyor 1	$160
Project Surveyor 2	$150
Project Surveyor 1	$145
Designer of Distinction	$190
Senior (Designer/Crew Chief) 3	$180
Senior (Designer/Coordinator/ Crew Chief) 2	$170
Senior (Designer/Coordinator/ Crew Chief) 1	$160
Project (Designer/Senior Technicial Crew Chief) 2	$145
Project (Designer/Senior Technicial Crew Chief) 1	$140
Designer 2/Technician 4	$130
Designer 1/Technician 3	$115
Design Technician 2/Technician 2	$110

Schedule of Hourly Rates

IMEG STANDARD HOURLY RATES	
Discipline/Service: Civil, Land Survey, Landscape Architecture	
Role	**Rate**
Senior Construction Administrator	$165
Construction Administrator	$145
GIS System Architect	$130
GIS Analyst	$120
Senior Virtual Design Coordinator	$150
Virtual Design Coordinator	$140
Senior Virtual Design Technician	$130
Virtual Design Technician	$105
Administrative Assistant	$95

Note:

1. These rates are for staff located in the office providing the service. Staff based in one of IMEG's other offices may have different billing rates. These rates can be provided as requested

2. Rates are adjusted annually.

Reimbursables:

- Postage and delivery charges
- Travel Expense: Automobile mileage will be invoiced at the IRS rate in effect at the time of travel. Travel expenses include mileage, tolls, parking fees, taxi, train, airfare, rental car, fuel, and other out of pocket travel related expenses
- Meals and lodging, when required to travel overnight
- Project-specific insurance coverage riders or amendments necessary to comply with required insurance requirements above current IMEG limits and conditions
- Reproduction costs for existing facility documents, and for one record set of contract document deliverables at each project phase/milestone when not provided to IMEG by the Architect
- Reproduction and distribution costs associated with issuing contract documents
- Payment of plan review fees or other imposed governmental agency fees
- State filing and/or permit fees
- Necessary consultants as approved by Client

Schedule of Hourly Rates

IMEG STANDARD HOURLY RATES	
Discipline/Service: Structural, MEP, Technology, Commissioning, Medical Equipment Planning	
Role	**Rate**
Senior Client Exec/Senior Market Director/VP	$360
Client Executive/Market Director	$320
Project Executive	$295
Senior Project Manager 2	$265
Senior Project Manager I	$230
Engineer of Distinction	$280
Senior (Engineer/Planner/Consultant) 3	$265
Senior (Engineer/Planner/Consultant) 2	$230
Senior (Engineer/Planner/Consultant) 1	$210
Project (Engineer/Consultant) 2	$185
Project (Engineer/Consultant) 1	$175
Graduate (Designer/Consultant/Planner/Authority/ Analyst) 2	$150
Graduate (Designer/Consultant/Planner/Authority/ Analyst) 1	$135
Designer of Distinction	$240
Senior (Designer/Authority/Consultant) 3	$220
Senior (Designer/Authority/Consultant) 2	$215
Senior (Designer/Authority/Consultant) 1	$190
Project (Designer/Authority/Consultant) 2	$175
Project (Designer/Authority/Consultant) 1	$165
Designer (Authority/Analyst) 2	$140
Designer (Authority/Analyst) 1	$130
Design Technician 2	$110
Design Technician 1/Intern	$105
Senior Construction Administrator	$210
Construction Administrator	$170

Schedule of Hourly Rates

IMEG STANDARD HOURLY RATES	
Discipline/Service: Structural, MEP, Technology, Commissioning, Medical Equipment Planning	
Role	**Rate**
Senior Virtual Design Coordinator 2	$160
Senior Virtual Design Coordinator 1	$150
Virtual Design Coordinator 2	$145
Virtual Design Coordinator 1	$130
Virtual Design Technician	$110
Administrative Assistant	$100

Note:

1. These rates are for staff located in the office providing the service. Staff based in one of IMEG's other offices may have different billing rates. These rates can be provided as requested
2. Rates are adjusted annually.

Reimbursables:

- Postage and delivery charges
- Travel Expense: Automobile mileage will be invoiced at the IRS rate in effect at the time of travel. Travel expenses include mileage, tolls, parking fees, taxi, train, airfare, rental car, fuel, and other out of pocket travel related expenses
- Meals and lodging, when required to travel overnight
- Project-specific insurance coverage riders or amendments necessary to comply with required insurance requirements above current IMEG limits and conditions
- Reproduction costs for existing facility documents, and for one record set of contract document deliverables at each project phase/milestone when not provided to IMEG by the Architect
- Reproduction and distribution costs associated with issuing contract documents
- Payment of plan review fees or other imposed governmental agency fees
- State filing and/or permit fees
- Necessary consultants as approved by Client

Schedule of Hourly Rates

Architect - Westberg White Architecture		
Title / Position	**Name**	**Hourly Rate**
Principal-in-Charge	Greg Beard	$255.00
Project Architect / Manager	Jon Gomer	$205.00
QA/QC Manager	Robert Bender	$190.00
Senior Designer - Interiors	John Garakian	$160.00
Senior Project Design Architect	Stan Powely	$150.00
Planner	Aria Valipour	$110.00
Senior Job Captain / Estimator	Queston Kwolek	$135.00
Specification Writer	Rich Matteo	$85.00
Sr. Job Captain	Shanaz Ansari	$120.00
CADD / BIM Tech	Gavin Beard	$105.00
Contract Administrator	Gang Chen	$140.00
Clerical	Cathy Beard	$70.00

Schedule of Hourly Rates

Carlson Strategic Land Solutions, Inc.

Carlson Strategic Land Solutions, Inc.

Fee Schedule

President	$245/hour
Senior Project Manager	$200/hour
Project Manager	$175/hour
Biologist	$135/hour
Field Assistant	$115/hour

REIMBURSABLE EXPENSES. Expenses incurred directly for the Client's project will be billed at the actual cost and are not included in the original contract amount. Expenses include, but are not limited to, reprographics, Federal Express, necessary transportation costs including mileage by automobile at the IRS reimbursement rate, toll road fees, meals and lodging, computer services and photocopying.

PAYMENT DUE. Invoices are due upon presentation and shall be considered past due if not paid within 15 (fifteen) calendar days of the due date. Finance charges, computed by a "Periodic Rate" of 1-1/2% per month, will be charged on all past due amounts.

CHANGE ORDERS. Change Orders may be subject to future fee schedule increases.

Schedule of Hourly Rates

Client: IMEG
Agency: City of Pico Rivera
Project: On Call Engineering Services
Scope of Services: Right of Way Acquisition
Date Submitted: 2/5/2024
Prepared by: C Sinclair

OH		Profit
164.93%		10%

	2023 Labor Rates	FYE 2020		
Title/Classification	**Direct Labor**	**OH**	**Profit**	**Fully-Loaded Rate**
Senior Advisory Manager	$ 75.96	164.93%	10%	**$221.36**
Advisory Manager	$ 60.10	164.93%	10%	**$175.15**
Senior Project Manager	$ 57.69	164.93%	10%	**$168.12**
Project Manager	$ 48.08	164.93%	10%	**$140.12**
Assistant Project Manager	$ 43.27	164.93%	10%	**$126.10**
Senior Right of Way Agent	$ 38.00	164.93%	10%	**$110.74**
Right of Way Agent	$ 32.21	164.93%	10%	**$93.87**
Right of Way Agent	$ 31.61	164.93%	10%	**$92.12**
Administrative Support	$ 28.85	164.93%	10%	**$84.08**
Budget & Financial Controls	$ 40.87	164.93%	10%	**$119.10**

The rates above reflect the direct salary rates for individuals that are currently anticipated to participate in work under this contract. The actual rate billed shall be based on the direct salary of the individual having performed the work, plus overhead and profit . These rates will be re-calculated at the beginning of each calendar year.

Staff billing rates provided include the Federal Acquisition Regulations (FAR) approved overhead rate for Epic Land Solutions, Inc. and are suitable for state and federally funded projects.

If the NTP is received after 120 days from this proposal, fees and billing rates may require revision.

Other Direct Costs	Rate
Mileage	At IRS Allowable
Postage/Overnight Delivery	At Cost
Property Ownership and Tenant Data	At Cost
Outside Services (Vendors & Subconsultants)	At Cost

Schedule of Hourly Rates

GEOCON
WEST, INC.
GEOTECHNICAL ■ ENVIRONMENTAL ■ MATERIALS

2023 SCHEDULE OF FEES

Professional Services

Word Processor/Non-Technical Assistant/Draftsman/Dispatcher	$95/hr
Engineering Assistant/Lab Technician	95/hr
Engineering Field Technician (Earthwork/Compaction Testing/Backfill)	*85/hr
Special Inspector (Concrete, Rebar, Masonry, Welding, etc.)	*90/hr
Engineering Inspector (Bottom Approval / Shoring / Foundations / Piles)	*110/hr
LA City Deputy Grading Inspector (Bottom Approval / Shoring / Foundations / Piles)	*125/hr
Staff Engineer/Geologist	*125/hr
Senior Staff Engineer/Geologist	*135/hr
Project Engineer/Geologist	*145/hr
Senior Project Engineer/Geologist	*155/hr
Senior Engineer/Geologist	*175/hr
Associate Engineer/Geologist	*200/hr
Principal Engineer/Geologist/Litigation Support	400/hr
Attorney Fees (General)	500/hr
Deposition or Court Appearance	550/hr
Overtime/Saturday Rate/Night Rate (7pm – 6am w/ 8-Hour minimum per call out)	1.5 X Regular Hourly Rate
Sunday and Holiday Rate	2 X Regular Hourly Rate
Minimum Field Services Fee per call-out, 4 Hours (if 4 hours or less), 8 Hours (if more than 4 hours and less than 8 Hours)	
Short-Notice Cancellation, 4 Hours (if after 4 pm of the day prior to the scheduled inspection time)	
Short-Notice Cancellation, 4 Hours (upon or after arrival at jobsite)	

*Prevailing Wage (PW) California Labor Code §1720, et. Seq add $50/hr

Travel

Personnel	Regular Hourly Rate
Subsistence (Per Diem)	$300/day
Vehicle Mileage	0.75/mile

Equipment, Materials, & Analytical Tests

Nuclear Density Gauge / Sand Cone Testing Equipment	$10/hr	55-Gallon Drum	120/ea
Vehicle	10/hr	Visqeen (6 mil 20X100')	135/roll
Special Inspection Equipment	5/hr	Traffic Cones/Barricades	35/day
Asphalt Cold Patch/Concrete	30/bag	TPHg(EPA 8015B)	70/ea
Double Ring Infiltrometer Equipment	200/day	TPHd/TPHmo	(EPA 8015M) 75/ea
GPS Unit	160/day	TPH Carbon Chain Breakdown	(EPA 8015M) 110/ea
Pick-up Truck	150/day	Methanol and/or Ethanol (EPA 8015M)	125/ea
Water Buffalo	75/day	Volatile Organic Compounds	(EPA 8260B) 125/ea
Dynamic Cone Penetrometer	400/day	Semi-Volatile Organic Compounds	(EPA 8270) 225/ea
Hand-Auger	50/day	PAHs (EPA 8270SIM)	185/ea
Distilled Water (5-gallon)	20/ea	CAM 17 Metals (EPA 6010B)	170/ea
Bailer (Reusable)	35/day	Single Metal	(EPA 6010B) 30/ea
Bailer (Disposable)	15/ea	Hexavalent Chrome (EPA 7199)	75/ea
Stainless Sampling Pump	$150/day	Organochlorine Pesticides (EPA 8081)	110/ea
Battery-Powered Pump	75/day	Organophosphorus Pesticides (EPA 8141)	125/ea
Water Level Indicator	40/day	Chlorinated Herbicides (EPA 8151)	125/ea
Interface Probe	125/day	PCBs (EPA 8082)	95/ea
Photo-Ionization Meter	150/day	Soil pH (EPA 9045C)	20/ea
Combustible Gas Meter	150/day	WET or TCLP Extraction	85/ea
pH/Conductivity/Temperature Meter	150/day	EPA 5035 Sample Kits	40/ea
Turbidity Meter	80/day	Asbestos (PLM)	25/ea
Air Sampling Pump	80/day	Asbestos (400-point count)	50/ea
Level D PPE/Decon Rinse Equipment	50/day	Sample Compositing	20/composite
Concrete Coring Equipment	285/day	48-hour Turnaround Time	60% surcharge
Generator or Air Compressor	150/day	72-hour Turnaround Time	40% surcharge

500 N Victory Boulevard ■ Burbank, CA 91502 ■ Telephone 818.841.8388 ■ Fax 818.841.1704

Schedule of Hourly Rates

Laboratory Tests*

COMPACTION CURVES

(D698/D1557/T99/T108) 4-inch mold	$300/ea
(D698/D1557/T99/T108) 6-inch mold	300/ea
(CT 216) California Impact	300/ea
Check Point	125/ea
(D1632/CT312) Soil Cement Cyl. Fabrication (Set of 3)	200/set
(D1632/CT312) Soil Cement Cyl. Fabrication (Addtl. Spec.)	75/ea
(D1633/CT312) Soil Cement Comp. Strength (Set of 3)	350/set
(D1633/CT312) Soil Cement Comp. Strength (Addtl. Spec.)	125/ea

SOIL AND AGGREGATE STABILITY

(D2844/CT301) Resistance Value	$350/ea
(D2844/CT301) Resistance Value, Treated	350/ea
(D1883) California Bearing Ratio	600/ea
(C977) Stabilization Ability of Lime	185/ea
(D1883) Calif. Bearing Ratio (Army Corp of Engineers)	600/ea

CHEMICAL ANALYSIS

(G187/CT643/T288) pH and Resistivity	$175/ea
(D4972/T289) pH Only	75/ea
(CT417) Sulfate Content	125/ea
(CT422) Chloride Content	125/ea
(D2974) Organic Content	100/ea

PERMEABILITY, CONSOLIDATION AND EXPANSION

(D5084) Permeability, Flexible Wall	$270/ea
(D5856) Permeability, Rigid Wall	260/ea
(D2434) Permeability, Constant Head	280/ea
(D2434) Permeability, FHA Slab-on-Grade	110/ea
(D2434) Permeability, Hourly	55/ea
(D2435/T216) Consolidation (6 pts. w/ Unload)	$400/ea
(D2435/T216) Consolidation Additional Point w/ Unload	$90/ea
(D4546) Swell/Compression Testing & Density	125/ea
(D4546) Swell/Settlement Testing & Density (ea. addtl. pt.)	85/ea
(D4546) Swell/Settlement Testing & Density (County)	100/ea
(D4546) Swell/Settlement Testing & Density (FHA)	90/ea
(D4829) Expansion Index of Soils	250/ea

STEEL TESTING

Reinforcing Steel Tests:

(A370) Tensile Strength & Elongation	
#11 Bar & Smaller	$100/ea
#14 Bar	$125/ea
#18 Bar (Proof Test)	$150/ea
(A370) Bend Test	
#11 Bar & Smaller	$50/ea
#14 & #18 Bar	$75/ea
(A370) Tensile - Mechanically Spliced Bar	
#11 Bar & Smaller	$175/ea
#14 Bar & Larger	$225/ea
(A370) Tensile – Electric Resist. Butt Splice w/ Control	175/ea
(A370) Straightening of bar (if required)	50/ea

Structural Steel Tests:

(A370) Machining & Prep of Test Specimen	Cost + 20%
(A370) Tensile Strength & Elongation	
Up to 200,000 lbs	$125/ea
200,000 – 300,000 lbs	150/ea
300,000 – 400,000 lbs	175/ea

Pre-stressing Wire & Tendon Tests:

(A421) Tensile Strength, Single Wire	$175/ea
(A416) Tensile Strength, 7-Wire Strand	$200/ea

SOIL AND AGGREGATE PROPERTIES

(D422/T88) Particle Size, Hydrometer w/out Sieve	$250/ea
(C136/D6913/T27) Sieve, Coarse to Fine w/ #200 Wash	175/ea
(C136/D6913/T27) Sieve, Coarse or Fine w/ #200 Wash	150/ea
(C136/D6913/T27) Sieve, Coarse or Fine No #200 Wash	125/ea
(C117/D1140/T11) Materials Finer than #200	115/ea
(D2216/T265/CT226) Moisture Content	40/ea
(D2487/D2488) Visual Soil Classification	40/ea
(D2937) Density of In-Place Soil, Drive-Cyl. Method	50/ea
(D4943) Shrinkage Factors of Soils, Wax Method	75/ea
(C131/C535/CT211) L.A. Abrasion Resistance	$250/ea
(C142/T112) Clay Lumps and Friable Particles	155/ea

SOIL AND AGGREGATE PROPERTIES (CONTD.)

(C123/T113) Light Weight Particles	250/ea
(D3744/CT229/T210) Durability Index Fine	200/ea
(D3744/CT229/T210) Durability Index Coarse	200/ea
(CT227) Cleanness Value	200/ea
(D4791) Flat & Elongated Particles	175/ea
(D693/CT205) Percent Crushed Particles	200/ea
(D5821) Percent. of Fractured Particles, Coarse Aggregate	200/ea
(C40/CT213/T21) Organic Impurities	100/ea
(C235) Soft Hardness (Scratch Hardness)	125/ea
(C88/CT214/T104) Sulfate Soundness	500/ea
(C1252/T304) Uncompact. Void Content, Fine Aggregate	175/ea
(C127/CT206/T85) Coarse Specific Gravity	150/ea
(C128/CT207/T84) Fine Specific Gravity	175/ea
(D854/CT209/T100) Specific Gravity of Soil	200/ea
(C29/CT212/T19) Unit Weight & Percent Voids	125/ea
(D2419/CT217/T176) Sand Equivalent	150/ea
(D4318/CT204/T89/T90) Plastic Index (Plastic/Liq. Limit)	250/ea
(D4318/CT204/T89) Liquid Limit	125/ea
(D4318/CT204/T90) Plastic Limit	125/ea
(C330) Spec. for Lightweight Aggregates, Struc. Concrete	Quote

SHEAR STRENGTH

(D2166) Unconfined Compression	$100/ea
(D3080/T236) Direct Shear (3 points)	350/set
(D3080/T236) Direct Shear Addtl. Points/ea. residual pass	$125/ea
(D2850) Unconsolidated-Undrained Triaxial Shear	115/ea
(D2850) Unconsolidated-Undrained Triaxial Staged	160/ea
(D4767) Consolidated-Undrained Triaxial Shear	265/ea
(D4767) Consolidated-Undrained Triaxial Staged	340/ea
(EM1110) Consolidated-Drained Triaxial Shear	375/ea
(EM1110) Consolidated-Drained Triaxial Staged	480/ea

MASONRY**

Concrete Block Test (Sets of 3 Required):

(C140) Unit Weight Moisture Content & Absorption	$350/ea
(C140) Moisture Content/Absorption (ea. addtl. specimen)	125/ea
(C140) Compression Test	300/ea
(C140) Compression Test (ea. addtl. specimen)	125/ea
(C426) Linear Drying Shrinkage	350/ea
(C109/UBC 21-16) Mortar Cylinder (2"x4")	30/ea
(C942) Grout Prism (3"x3"x6"), trimming included	35/ea

Masonry Prism (Assemblage):

(C1314) 8"x8"x16" – 8"x12"x16"	$200/ea
(C1314) 8"x16"x16" – 10"x12"x16"	225/ea
(C1314) 12"x12"x16" – 12"x16"x16"	250/ea
(C1314) Larger than 12"x16"x16"	Quote

Schedule of Hourly Rates

Laboratory Tests* (continued)

High Strength Bolt, Nut, & Washer Tests:
(A325/A490) Tensile Test on Bolts $100/ea
(A563) Proof Load Test on Nuts $100/ea
(A325/A490) Hardness Test on Bolts $50/ea
(A536) Hardness Test on Nuts $50/ea
(F436) Hardness Test on Washers $50/ea
Weld Specimen Tests:
(E164) Ultrasonic Examination ..... Quote
Machining & Prep of Test Specimen ..... Cost + 20%
(E381) Macrotech Test (3 Faces) $355

ASPHALT TESTING

Asphalt Properties:
(D2726/CT308/T166) Bulk Spec. Grav. Compacted HMA $100/ea
(D1560/CT366) Stabilometer Value (HVEEM) $225/ea
(D2041) Theoretical Max Specific Gravity $200/ea
(D5444) Sieve Analysis of Extracted Asphalt $250/ea
(D6307/CT382) Percent Asphalt, Ignition Method $175/ea
(D1188) Unit Weight of Asphalt Core $95/ea

MISCELLANEOUS TESTING SERVICES

Calibration of Hydraulic Ram:
100 Ton & Under $250/ea
101 Tons – 200 Tons 350/ea
Use of Universal Testing Machine:
UTM with One Operator $400/ea
Additional Technician ..... Regular Tech Rate
Spray Applied Fireproofing:
(E605/E736) Fireproofing Oven Dry Density/Thickness ... $125/ea

Brick Test (Set of 5 Specimens):
(C67) 24-Hour Absorption, Cold Water $250/set
(C67) 5-Hour Absorption, Boiling Water $250/set
(C67) Compression Test or Modulus of Rupture $300/set
(C67) Each Additional Specimen $100/ea

CONCRETE**

Mix Designs:
(ACI211/ACI214) Concrete Mix Design $450/ea
(ACI211/ACI214) Review of Concrete Mix Design $450/ea
(C192) Concrete Trial Mix (includes equipment & labor) .. $650/ea
Concrete Properties:
(C39/CT521/T22) Comp. Strength, Concrete Cyl $30/ea
(C42/CT521/T22) Comp. Strength, Concrete/Gunite Core ... $60/ea
(C78/CT523) Flex. Strength of 6"x6"x21" Concrete Beam .. 125/ea
(C174) Length Measuring of Drilled Cores $100/ea
(C1140) Shotcrete Panel-Coring & Testing (Set of 3) $350/set
(C1140) Shotcrete Panel (each addtl. specimen) $125/ea
(C496) Static Modulus of Elasticity $250/ea
(C496) Drying Shrinkage (Set of 3, up to 28 days) $650/set
(C642) Spec. Gravity, Absorp., Voids in Hardened Concrete. 95/ea

(F1869) Vapor Emission Rate, Concrete Subfloor 50/ea

***2X Surcharge on rush turn-around for laboratory testing.**
****Fee applies for sample storage, testing, or disposal.**

1. Listed are typical charges for the services most frequently performed by Geocon. Prices for unlisted services as well as special quotations for programs involving volume work will be provided upon request. Laboratory test prices shown are for laboratory work only, and include reporting of routine results not calling for comments, recommendations or conclusions.
2. Sampling and testing is conducted in substantial conformance with the latest applicable or designated specifications of the American Society for Testing and Materials, Caltrans, American Association of State Highway and Transportation Officials, or other pertinent agencies.
3. Saturday, night work, and overtime hours are charged at time and one-half; Sundays and holidays at double time. Per diem is $155.00 per day when location of work dictates.
4. Equipment and materials will be billed at cost plus 15%. Outside services including subcontractors and rental of special equipment are billed at cost plus 15%. Hourly services are billed portal to portal from closest office in accordance with the stated hourly rates herein, with a minimum two-hour charge
5. Invoices will be submitted at four-week intervals. Terms of payment are met upon presentation of invoice. Invoices become delinquent thirty (30) days from invoice date and subject to one and one-half percent (1-1/2%) service charge per month, or the maximum rate allowed by law, whichever is lower. If Client objects to all or any portion of any invoice, Client will so notify Geocon in writing within fourteen (14) calendar days of the invoice date, identify the cause of disagreement, and pay that portion of the invoice not in dispute. The parties will immediately make every effort to settle the disputed portion of the invoice. Payment on delinquent invoices will first be applied to accrued interest and then to the principal amount. All time spent and expenses incurred (including any attorney's fees and costs) in connection with collection of any delinquent amount will be paid by Client to Geocon per Geocon's current fee schedule.
6. Client and Geocon shall allocate certain of the risks so that, to the fullest extent permitted by law, Geocon's (the term "Geocon" includes Geocon's partners, officers, directors, employees, agents, affiliates, subcontractors and subconsultants) total aggregate liability to Client *is limited to the greater of $50,000 or the total compensation received from Client by Geocon for services rendered on this project, for any and all of Client's injuries, damages, claims, losses, expenses, or claim expenses arising out of this Agreement from any cause or causes, including attorneys' fees and costs which may be awarded to the prevailing party, and Client agrees to indemnify and hold harmless Geocon from and against all liabilities in excess of the monetary limit established above.*
7. Client and Geocon shall allocate certain of the other risks so that, to the fullest extent permitted by law, Client shall limit Geocon's total aggregate liability to all third parties, including contractors, subcontractors of all tiers, materialmen, and others involved in Client's project, as well as persons and other entities not involved in the project, to *the greater of $100,000 or the total compensation received from Client by Geocon for services rendered on this project, for any and all injuries, damages, cause or causes, including attorneys' fees and costs which may be awarded to the prevailing party, and Client agrees to indemnify and hold harmless Geocon from and against all liabilities in excess of the monetary limit established above, including all liability incurred by Geocon for acts, errors, or omissions, pursuant to entering into agreements with third parties on behalf of Client in order to obtain access or entry onto property not owned by Client. Client agrees to notify all contractors and subcontractors of any limitation of Geocon's liability to them, and require them to abide by such limitation for damages suffered by any contractor or subcontractor arising from Geocon's actions or inactions. Neither the contractor nor any subcontractor assumes any liability for damages to others which may arise on account of Geocon's actions or inactions.*

Schedule of Hourly Rates

Hourly Rates

STC Traffic is a local business and there are no direct costs for mileage.

Outsourced reimbursable expenses such as printing and reproduction, deliveries and overnight shipping, computerized plotting, materials, etc., will be charged to the client at the consultant's cost without mark-up.

Executive/Management Classifications	**Hourly Rate**
Principal-In-Charge	$290
Senior Principal Manager	$270
Principal Manager	$260
Senior Project Manager	$240
Project Manager III	$220
Project Manager II	$210
Project Manager I	$200
Professional Engineering Classifications	
Principal Engineer	$230
Senior Project Engineer	$210
Project Engineer III	$190
Project Engineer II	$160
Project Engineer I	$140
Professional Planning Classifications	
Principal Planner	$200
Senior Project Planner	$180
Project Planner III	$170
Project Planner II	$140
Project Planner I	$120
Technical/Specialized Classifications	
Senior Systems Engineer/Technical Specialist	$220
Systems Engineer / Technical Specialist III	$200
Systems Engineer / Technical Specialist II	$170
Systems Engineer / Technical Specialist I	$150
Construction Manager	$240
Senior Construction Engineer/Inspector	$220
Construction Engineer/Inspector III	$190
Construction Engineer/Inspector II	$160
Construction Engineer/Inspector I	$140
Senior Drafter	$160
Drafter III	$150
Drafter II	$130
Drafter I	$110
Other Classifications	
Intern	$100
Expert Witness	$400

Schedule of Hourly Rates

RHA
LANDSCAPE
ARCHITECTS
PLANNERS, INC.

NORMAL HOURLY RATES 2024

Senior Principal	$230.00 per hour
Principal Landscape Architect	200.00 per hour
Project Manager	150.00 per hour
Landscape Designer	125.00 per hour
Administrative Personnel	80.00 per hour

REIMBURSABLE ITEMS

Reimbursable items such as the cost of blueprinting, graphic reproduction and plotting will be billed at our direct cost plus 15%. Auto travel will be charged at $0.585 per mile. Where we are able to utilize direct billing to Owner established accounts the "plus 15%" is not applicable.

OVERTIME REQUESTS

It is RHA's responsibility to schedule the project's completion under normal conditions without the use of the staff on an overtime basis. If the owner adjusts the deadline or requests that work be completed earlier than originally scheduled and thus requires overtime, the fees shall be adjusted to cover the increased costs incurred by RHA. The hourly rates for overtime will be one and one-half (1½) times the hourly rates above.

TERMS AND CONDITIONS OF PAYMENT

We will bill on a monthly basis in proportion to the time spent on the project to date. All billing statements are due within 15 days of Engineers receipt of payment from client. Interest will be charged at the rate of 1½% per month on the past due balance thirty days and over. RHA shall have the right to stop work should accounts become past due.

Schedule of Hourly Rates

Iskander Associates, Inc.
A Construction Consulting Company

HOURLY RATES FOR 2022-2025 (Four Years)

COST ESTIMATING SERVICES (IN-OFFICE OR SITE/FIELD VISITS)	
PRINCIPAL	$ 235.00
SENIOR SPECIAL PROJECTS CONSULTANT	$ 150.00
SENIOR ARCHITECTURAL ESTIMATOR	$ 150.00
SENIOR STRUCTURAL ESTIMATOR	$ 150.00
SENIOR MECHANICAL/ELECTRICAL ESTIMATOR	$ 150.00
SENIOR CIVIL ESTIMATOR	$ 150.00
ARCHITECTURAL ESTIMATOR	$ 125.00
STRUCTURAL ESTIMATOR	$ 125.00
MECHANICAL/ELECTRICAL ESTIMATOR	$ 125.00
CIVIL ESTIMATOR	$ 125.00
TECHNICAL SUPPORT	$ 85.00
CLERICAL	$ 75.00
LIFE CYCLE COST ANALYST	
SENIOR LIFE CYCLE COST ANALYST	$ 250.00
LIFE CYCLE COST ANALYST	$ 150.00
SCHEDULING	
SENIOR SCHEDULER	$ 195.00
SCHEDULER	$ 145.00
VALUE ENGINEERING SERVICES	
CERTIFIED VALUE ENGINEER	$ 400.00
VALUE ENGINEER TEAM LEADER	$ 275.00
VALUE ENGINEERING TEAM MEMBERS (OUTSIDE CONSULTANTS RATES - FROM	
ARCHITECTS	
ENGINEER	
COST CONSULTANT	
SENIOR LIFE CYCLE ANALYST	
TECHNICAL SUPPORT	
CLERICAL	
CONSTRUCTABILITY REVIEWS	
SENIOR CONSULTANT	$ 235.00
CONSULTANT	$ 150.00
CLERICAL	$ 75.00

Schedule of Hourly Rates

AVANT GARDE
Grants
Compliance
Funding Management
Community Outreach

Avant-Garde offers the following hourly rates for all services proposed under this RFP.

Program Director	$150
Program Manager	$135
Senior Program Coordinator	$125
Program Coordinator	$110
Program Assistant	$100

EXHIBIT C
TERMS FOR COMPLIANCE WITH CALIFORNIA LABOR LAW REQUIREMENTS

1. This Agreement calls for services that, in whole or in part, constitute "public works" as defined in Division 2, Part 7, Chapter 1 (commencing with Section 1720) of the California Labor Code ("Chapter 1"). Further, Consultant acknowledges that this Agreement is subject to (a) Chapter 1 and (b) the rules and regulations established by the Department of Industrial Relations ("DIR") implementing such statutes. Therefore, as to those Services that are "public works", Consultant shall comply with and be bound by all the terms, rules and regulations described in 1(a) and 1(b) as though set forth in full herein.

2. California law requires the inclusion of specific Labor Code provisions in certain contracts. The inclusion of such specific provisions below, whether or not required by California law, does not alter the meaning or scope of Section 1 above.

3. Consultant shall be registered with the Department of Industrial Relations in accordance with California Labor Code Section 1725.5, and has provided proof of registration to City prior to the Effective Date of this Agreement. Consultant shall not perform work with any subconsultant that is not registered with DIR pursuant to Section 1725.5. Consultant and subconsultants shall maintain their registration with the DIR in effect throughout the duration of this Agreement. If the Consultant or any subconsultant ceases to be registered with DIR at any time during the duration of the project, Consultant shall immediately notify City.

4. Pursuant to Labor Code Section 1771.4, Consultant's Services are subject to compliance monitoring and enforcement by DIR. Consultant shall post job site notices, as prescribed by DIR regulations.

5. Pursuant to Labor Code Section 1773.2, copies of the prevailing rate of per diem wages for each craft, classification, or type of worker needed to perform the Agreement are on file at City Hall and will be made available to any interested party on request. Consultant acknowledges receipt of a copy of the DIR determination of such prevailing rate of per diem wages, and Consultant shall post such rates at each job site covered by this Agreement.

6. Consultant shall comply with and be bound by the provisions of Labor Code Sections 1774 and 1775 concerning the payment of prevailing rates of wages to workers and the penalties for failure to pay prevailing wages. The Consultant shall, as a penalty to City, forfeit $200.00 for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the DIR for the work or craft in which the worker is employed for any public work done pursuant to this Agreement by Consultant or by any subconsultant.

7. Consultant shall comply with and be bound by the provisions of Labor Code Section 1776, which requires Consultant and each subconsultant to: keep accurate payroll records and verify such records in writing under penalty of perjury, as specified

in Section 1776; certify and make such payroll records available for inspection as provided by Section 1776; and inform City of the location of the records.

8. Consultant shall comply with and be bound by the provisions of Labor Code seq. concerning the employment of apprentices on public works projects. Consultant shall be responsible for compliance with these aforementioned Sections for all apprenticeable occupations. Prior to commencing work under this Agreement, Consultant shall provide City with a copy of the information submitted to any applicable apprenticeship program. Within 60 days after concluding work pursuant to this Agreement, Consultant and each of its subconsultants shall submit to City a verified statement of the journeyman and apprentice hours performed under this Agreement.

9. The Consultant shall not perform Work with any Subconsultant that has been debarred or suspended pursuant to California Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. The Consultant and Subconsultants shall not be debarred or suspended throughout the duration of this Contract pursuant to Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. If the Consultant or any subconsultant becomes debarred or suspended during the duration of the project, the Consultant shall immediately notify City.

10. Consultant acknowledges that eight hours labor constitutes a legal day's work. Consultant shall comply with and be bound by Labor Code Section 1810. Consultant shall comply with and be bound by the provisions of Labor Code Section 1813 concerning penalties for workers who work excess hours. The Consultant shall, as a penalty to City, forfeit $25.00 for each worker employed in the performance of this Agreement by the Consultant or by any subconsultant for each calendar day during which such worker is required or permitted to work more than eight hours in any one calendar day and 40 hours in any one calendar week in violation of the provisions of Division 2, Part 7, Chapter 1, Article 3 of the Labor Code. Pursuant to Labor Code section 1815, work performed by employees of Consultant in excess of eight hours per day, and 40 hours during any one week shall be permitted upon public work upon compensation for all hours worked in excess of eight hours per day at not less than one and one-half times the basic rate of pay.

11. California Labor Code Sections 1860 and 3700 provide that every employer will be required to secure the payment of compensation to its employees. In accordance with the provisions of California Labor Code Section 1861, Consultant hereby certifies as follows:

> "I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract."

12. For every subconsultant who will perform work on the project, Consultant shall be responsible for such subconsultant's compliance with Chapter 1 and Labor Code Sections 1860 and 3700, and Consultant shall include in the written contract between it and each subconsultant a copy of those statutory provisions and a requirement that each subconsultant shall comply with those statutory provisions. Consultant shall be required to take all actions necessary to enforce such contractual provisions and ensure subconsultant's compliance, including without limitation, conducting a periodic review of the certified payroll records of the subconsultant and upon becoming aware of the failure of the subconsultant to pay his or her workers the specified prevailing rate of wages. Consultant shall diligently take corrective action to halt or rectify any failure.

13. To the maximum extent permitted by law, Consultant shall indemnify, hold harmless and defend (at Consultant's expense with counsel reasonably acceptable to City) City, its officials, officers, employees, agents and independent consultants serving in the role of City officials, and volunteers from and against any demand or claim for damages, compensation, fines, penalties or other amounts arising out of or incidental to any acts or omissions listed above by any person or entity (including Consultant, its subconsultants, and each of their officials, officers, employees and agents) in connection with any work undertaken or in connection with the Agreement, including without limitation the payment of all consequential damages, attorneys' fees, and other related costs and expenses. All duties of Consultant under this Section shall survive the termination of the Agreement.

AGREEMENT NO. _____
PROFESSIONAL SERVICES AGREEMENT
BETWEEN THE CITY OF PICO RIVERA AND
JMDIAZ, INC.

1. IDENTIFICATION

THIS PROFESSIONAL SERVICES AGREEMENT ("Agreement") is entered into by and between the City of Pico Rivera, a California municipal corporation ("City") and JMDiaz, Inc., ("Consultant"). City and Consultant are sometimes hereinafter individually referred to as a "Party" and collectively referred to as "Parties."

2. RECITALS

2.1 City has determined that it requires professional services from a consultant to provide on-call engineering services.

2.2 Consultant represents that it is fully qualified to perform such professional services by virtue of its experience and the training, education and expertise of its principals and employees. Consultant further represents that it is willing to accept responsibility for performing such services in accordance with the terms and conditions set forth in this Agreement.

NOW, THEREFORE, for and in consideration of the performance by the Parties of the mutual covenants and conditions herein contained, the Parties hereto agree as follows:

3. DEFINITIONS

3.1 "Scope of Services": Such professional services as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "A" and incorporated herein by this reference.

3.2 "Approved Fee Schedule": Such compensation rates as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "B."

3.3 "Commencement Date" : April 23, 2024

3.4 "Expiration Date" : June 30, 2029

4. TERM

The term of this Agreement shall commence at 12:00 a.m. on the Commencement Date and shall expire at 11:59 p.m. on the Expiration Date unless extended by written agreement of the Parties or terminated in accordance with Section 22 below.

5. CONSULTANT'S SERVICES

5.1 Consultant shall perform the services identified in the Scope of Services. City shall have the right to request, in writing, changes in the Scope of Services. Any such changes mutually agreed upon by the Parties, and any corresponding increase or decrease in compensation, shall be incorporated by written amendment to this Agreement. In no event shall the total compensation and costs payable to Consultant under this Agreement exceed the sum of Two Million Five Hundred Thousand Dollars ($2,500,000.00), unless specifically approved in advance, in writing, by City.

5.2 Consultant shall perform all work to the highest professional standards of Consultant's profession and in a manner reasonably satisfactory to City.

6. COMPENSATION

6.1 City agrees to compensate Consultant for the services provided under this Agreement, and Consultant agrees to accept in full satisfaction for such services, payment in accordance with the Approved Fee Schedule.

6.2 Consultant shall submit to City an invoice, on a monthly basis or less frequently, for the services performed pursuant to this Agreement. Each invoice shall itemize the services rendered during the billing period and the amount due. Within ten (10) business days of receipt of each invoice, City shall notify Consultant in writing of any disputed amounts included on the invoice. Within thirty (30) calendar days of receipt of each invoice, City shall pay all undisputed amounts included on the invoice. City shall not withhold applicable taxes or other authorized deductions from payments made to Consultant.

6.3 Payments for any services requested in writing by City and not included in the Scope of Services shall be made to Consultant by City on a time-and-materials basis using Consultant's standard fee schedule. Fees for such additional services shall be paid within sixty (60) days of the date Consultant issues an invoice to City for such services.

7. BUSINESS LICENSE

Consultant shall obtain a City of Pico Rivera business license prior to commencing performance under this Agreement.

8. COMPLIANCE WITH LAWS

Consultant shall keep informed of State, Federal and Local laws, ordinances, codes and regulations that in any manner affect those employed by it or in any way affect the performance of its services pursuant to this Agreement. Consultant shall at all times comply with such laws, ordinances, codes and regulations. Without limiting the generality

of the foregoing, if Consultant is an out-of-state corporation or LLC, it must be qualified and registered to do business in the State of California pursuant to sections 2105 and 17708.02 of the California Corporations Code. The City, its officers and employees shall not be liable at law or in equity occasioned by failure of Consultant to comply with this Section.

9. CONFLICT OF INTEREST

Consultant covenants that it presently has no interest and shall not acquire any interest, direct or indirect, which may be affected by the services to be performed by Consultant under this Agreement, or which would conflict in any manner with the performance of its services hereunder. During the term of this Agreement, Consultant shall not perform any work for another person or entity for whom Consultant was not working at the Commencement Date of this Agreement if both: (i) such work would require Consultant to abstain from a decision under this Agreement pursuant to a conflict of interest statute; and (ii) City has not consented in writing prior to Consultant's performance of such work.

10. PERSONNEL

Consultant represents that it has, or will secure at its own expense, all personnel required to perform the services identified in the Scope of Services. All such services shall be performed by Consultant or under its supervision, and all personnel engaged in the work shall be qualified to perform such services. Consultant reserves the right to determine the assignment of its own employees to the performance of Consultant's services under this Agreement, but City reserves the right, for good cause, to require Consultant to exclude any employee from performing services on City's premises. Juan Diaz, President/CEO, shall be Consultant's project administrator and shall have direct responsibility for management of Consultant's performance under this Agreement. No change shall be made to Consultant's project administrator without City's prior written consent.

11. OWNERSHIP OF WRITTEN PRODUCTS

All reports, documents or other written material ("written products") developed by Consultant in the performance of this Agreement shall be and remain the property of City without restriction or limitation upon its use or dissemination by City. Consultant may take and retain copies of such written products as desired, but no such written products shall be the subject of a copyright application by Consultant. If any state, federal, or local law requires mandatory copyright protection for Consultant's work product, City shall comply with such laws to the extent feasible.

12. INDEPENDENT CONTRACTOR

12.1 Consultant is, and shall at all times remain as to City, a wholly independent contractor. Consultant shall have no power to incur any debt, obligation, or liability on

behalf of City or otherwise to act on behalf of City as an agent. Neither City nor any of its officers, employees or agents shall have control over the conduct of Consultant or any of Consultant's employees, except as set forth in this Agreement. Consultant shall not at any time represent that it is, or that any of its agents or employees are, in any manner employees of City.

12.2 The Parties further acknowledge and agree that nothing in this Agreement shall create or be construed to create a partnership, joint venture, employment relationship, joint-employer relationship, or any other relationship between Consultant or Consultant's employees except as set forth in this Agreement.

12.3 City shall have no direct or indirect control over Consultant's employees or sub-consultants with respect to wages, hours, and working conditions. In addition, City shall not deduct from the Compensation paid to Consultant any sums required for Social Security, withholding taxes, FICA, state disability insurance or any other federal, state or local tax or charge which may or may not be in effect or hereinafter enacted or required as a charge or withholding on the compensation paid to Consultant, Consultant's employees or subconsultants. City shall have no responsibility to provide Consultant, its employees or subconsultants with workers' compensation insurance or any other insurance.

12.4 The Parties further acknowledges the following: (i) that Consultant shall provide the services outlined in the Scope of Services directly to City; (ii) Consultant maintains a business location at the address listed under Section 20 that is separate and distinct from the City; (iii) Consultant contracts with other businesses to provide the same or similar services and maintains a clientele without restriction from the City; (iv) Consultant advertises and holds itself out to the public as available to provide the same or similar services; (v) unless otherwise specified in this Agreement, Consultant provides its own tools, vehicles, and equipment necessary for performing the Scope of Services; (vi) Consultant has proposed and negotiated its own rates; and (vii) consistent with the nature and demands of the project and the City's business hours, Consultant may set its own hours and location of work.

13. CONFIDENTIALITY

All data, documents, discussion, or other information developed or received by Consultant or provided for performance of this Agreement are deemed confidential and shall not be disclosed by Consultant without prior written consent by City. City shall grant such consent if disclosure is legally required. Upon request, all City data and any copies thereof shall be returned to City upon the termination or expiration of this Agreement.

14. NON-LIABILITY OF CITY OFFICIALS AND EMPLOYEES

No official or employee of the City shall be personally liable to Consultant in the event of any default or breach by City, or for any amount which may become due to Consultant.

15. INDEMNIFICATION

15.1 The Parties agree that City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers should, to the extent permitted by law, be fully protected from any loss, injury, damage, claim, lawsuit, cost, expense, attorneys' fees, litigation costs, or any other cost arising out of or in any way related to the performance of this Agreement. Accordingly, the provisions of this indemnity provision are intended by the Parties to be interpreted and construed to provide the fullest protection possible under the law to City. Consultant acknowledges that City would not enter into this Agreement in the absence of Consultant's commitment to indemnify and protect City as set forth herein. Notwithstanding the foregoing, to the extent Consultant's services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.2 To the full extent permitted by law, Consultant shall indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant or any of its officers, employees, servants, agents, or subconsultants in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees. Notwithstanding the foregoing, to the extent Consultant's Services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.3 City shall have the right to offset against the amount of any compensation due Consultant under this Agreement any amount due to City from Consultant as a result of Consultant's failure to pay City promptly any indemnification arising under this Section 15 or related to Consultant's failure to either: (i) pay taxes on amounts received pursuant to this Agreement or (ii) comply with applicable workers' compensation laws.

15.4 The obligations of Consultant under this Section 15 will not be limited by the provisions of any workers' compensation act or similar act. Consultant expressly waives its statutory immunity under such statutes or laws as to City, its officers, agents, employees and volunteers.

15.5 Consultant agrees to obtain executed indemnity agreements with provisions identical to those set forth here in this Section 15 from each and every subconsultant or any other person or entity involved by, for, with or on behalf of Consultant in the

performance of this Agreement. In the event Consultant fails to obtain such indemnity obligations from others as required herein, Consultant agrees to be fully responsible and indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant's subconsultants or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees.

15.6 City does not, and shall not, waive any rights that it may possess against Consultant because of the acceptance by City, or the deposit with City, of any insurance policy or certificate required pursuant to this Agreement. This hold harmless and indemnification provision shall apply regardless of whether or not any insurance policies are determined to be applicable to the claim, demand, damage, liability, loss, cost or expense.

15.7 **PERS ELIGIBILITY INDEMNITY.** In the event that Consultant or any employee, agent, or subconsultant of Consultant providing services under this Agreement claims or is determined by a court of competent jurisdiction or the California Public Employees Retirement System (PERS) to be eligible for enrollment in PERS as an employee of the City, Consultant shall indemnify, defend, and hold harmless City for the payment of any employee and/or employer contributions for PERS benefits on behalf of Consultant or its employees, agents, or subconsultants, as well as for the payment of any penalties and interest on such contributions, which would otherwise be the responsibility of City.

Notwithstanding any other agency, state or federal policy, rule, regulation, law or ordinance to the contrary, Consultant and any of its employees, agents, and subconsultants providing service under this Agreement shall not qualify for or become entitled to, and hereby agree to waive any claims to, any compensation, benefit, or any incident of employment by City, including but not limited to eligibility to enroll in PERS as an employee of City and entitlement to any contribution to be paid by City for employer contribution and/or employee contributions for PERS benefits.

16. INSURANCE

16.1 During the term of this Agreement, Consultant shall carry, maintain, and keep in full force and effect insurance against claims for death or injuries to persons or damages to property that may arise from or in connection with Consultant's performance of this Agreement. Such insurance shall be of the types and in the amounts as set forth below:

16.1.1 Comprehensive general liability, and Umbrella or Excess Liability Insurance covering all operations by or on behalf of Consultant providing insurance for bodily injury liability and property damage liability for the following and including coverage for:

16.1.1.1 Premises, operations, and mobile equipment

16.1.1.2 Products and completed operations

16.1.1.3 Broad form property damage (including completed operations)

16.1.1.4 Explosion, collapse, and underground hazards

16.1.1.5 Personal Injury

16.1.1.6 Contractual liability

in the amount of One Million Dollars ($1,000,000) per occurrence combined single limit; Two Million Dollars ($2,000,000) aggregate for products/completed operation; Two Million Dollars ($2,000,000) general aggregate (General aggregate must apply separately to Consultant's work under this Agreement.); and Five Million Dollars ($5,000,000) umbrella or excess liability.

16.1.2 Automobile Liability Insurance for owned, hired and non-owned vehicles utilized by Consultant, its employees or subconsultants, in the amount of One Million Dollars ($1,000,000) per accident for bodily injury and property damage.

16.1.3 Worker's Compensation Insurance as required by the laws of the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than One Million Dollars ($1,000,000) per accident for bodily injury or disease.

16.1.4 Professional Liability Insurance against errors and omissions in the performance of the work under this Agreement with coverage limits of not less than One Million Dollars ($1,000,000) per occurrence of claim/ Two Million Dollars ($2,000,000) in the aggregate.

16.2 Consultant shall require each of its subconsultants, if any, to maintain insurance coverage that meets all of the requirements of this Agreement.

16.3 The policy or policies required by this Agreement shall be issued by an insurer admitted in the State of California and with a rating of at least A:VII in the latest edition of Best's Insurance Guide.

16.4 Consultant agrees that if it does not keep the aforesaid insurance in full force and effect City may either: (i) immediately terminate this Agreement; or (ii) take out the necessary insurance and pay, at Consultant's expense, the premium thereon.

16.5 At all times during the term of this Agreement, Consultant shall maintain on file with City's Risk Manager a certificate or certificates of insurance showing that the aforesaid policies are in effect in the required amounts and, for the general liability and automobile liability policies, naming the City as an additional insured. Consultant shall, prior to commencement of work under this Agreement, file with City's Risk Manager such certificate(s).

16.6 Consultant shall provide proof that policies of insurance required herein expiring during the term of this Agreement have been renewed or replaced with other policies providing at least the same coverage. Consultant shall provide such proof to City at least two weeks prior to the expiration of the coverages.

16.7 The general liability and automobile policies of insurance required by this Agreement shall contain an endorsement naming City, its officers, employees, agents and volunteers as additional insureds. All of the policies required under this Agreement shall contain an endorsement providing that the policies cannot be canceled or reduced except on thirty days' prior written notice to City. Consultant agrees to require its insurer to modify the certificates of insurance to delete any exculpatory wording stating that failure of the insurer to mail written notice of cancellation imposes no obligation, and to delete the word "endeavor" with regard to any notice provisions.

16.8 The general liability and automobile policies of insurance provided by Consultant shall be primary to any coverage available to City. Any insurance or self-insurance maintained by City, its officers, employees, agents or volunteers, shall be in excess of Consultant's insurance and shall not contribute with it.

16.9 All insurance coverage provided pursuant to this Agreement shall not prohibit Consultant, and Consultant's employees, agents or subconsultants, from waiving the right of subrogation prior to a loss. Consultant hereby waives all rights of subrogation against the City.

16.10 Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of City, Consultant shall either reduce or eliminate the deductibles or self-insured retentions with respect to City, or Consultant shall procure a bond guaranteeing payment of losses and expenses.

16.11 Procurement of insurance by Consultant shall not be construed as a limitation of Consultant's liability or as full performance of Consultant's duties to indemnify, hold harmless and defend under Section 15 of this Agreement.

16.12 If Consultant maintains broader coverage and/or higher limits than the minimums shown above, the City requires and shall be entitled to the broader coverage

and/or the higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

17. MUTUAL COOPERATION

17.1 City shall provide Consultant with all pertinent data, documents and other requested information as is reasonably available to City for the proper performance of Consultant's services under this Agreement.

17.2 In the event any claim or action is brought against City relating to Consultant's performance in connection with this Agreement, Consultant shall render any reasonable assistance that City may require.

18. RECORDS AND INSPECTIONS

Consultant shall maintain full and accurate records with respect to all matters covered under this Agreement for a period of three years after the expiration or termination of this Agreement. City shall have the right to access and examine such records, without charge, during normal business hours. City shall further have the right to audit such records, to make transcripts therefrom and to inspect all program data, documents, proceedings, and activities.

19. PERMITS AND APPROVALS

Consultant shall obtain, at its sole cost and expense, all permits and regulatory approvals necessary in the performance of this Agreement. This includes, but shall not be limited to, encroachment permits and building and safety permits and inspections.

20. NOTICES

Any notices, bills, invoices, or reports required by this Agreement shall be deemed received on: (i) the day of delivery if delivered by hand, facsimile, email, or overnight courier service during Consultant's and City's regular business hours; or (ii) on the third business day following deposit in the United States mail if delivered by mail, postage prepaid, to the addresses listed below (or to such other addresses as the Parties may, from time to time, designate in writing).

[This space intentionally left blank]

If to City:

Steve Carmona, City Manager
City of Pico Rivera
PO Box 1016
6615 Passons Blvd.
Pico Rivera, California 90660-1016

If to Consultant:

Juan Diaz, President/CEO
JMDiaz, Inc.
18645 East Gale Ave., Suite 212
Industry, CA 91748

With a courtesy copy to:

Arnold M. Alvarez-Glasman, City Attorney
13181 Crossroads Parkway North
Suite 400 - West Tower
City of Industry, CA 91746

21. SURVIVING COVENANTS

The Parties agree that the covenants contained in Sections 13, 15 and Paragraph 17.2 of Section 17, of this Agreement shall survive the expiration or termination of this Agreement.

22. TERMINATION

22.1 City shall have the right to terminate this Agreement for any reason on five (5) calendar days' written notice to Consultant. Consultant shall have the right to terminate this Agreement for any reason on sixty (60) calendar days' written notice to City. The effective date of termination shall be upon the date specified in the notice of termination. Consultant agrees that in the event of such termination, City's obligation to pay Consultant shall be limited to payment only for those services satisfactorily rendered, as solely determined by the City, prior to the effective date of termination. Consultant agrees to cease all work under this Agreement on or before the effective date of any notice of termination. All City data, documents, objects, materials or other tangible things shall be returned to City upon the termination or expiration of this Agreement.

22.2 If City terminates this Agreement due to no fault or failure of performance by Consultant, then Consultant shall be paid based on the work satisfactorily performed, as solely determined by the City, at the time of termination. In no event shall Consultant be entitled to receive more than the amount that would be paid to Consultant for the full performance of the services required by this Agreement.

23. ASSIGNMENT

Consultant shall not delegate, transfer, subcontract or assign its duties or rights hereunder, either in whole or in part, without City's prior written consent, and any attempt

to do so shall be void and of no effect. City shall not be obligated or liable under this Agreement to any Party other than Consultant.

24. NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY

24.1 In the performance of this Agreement, Consultant shall not discriminate against any employee, subconsultant, or employment applicant because of race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation. Consultant will take affirmative action to ensure that subconsultants, employees, and employment applicants are treated without regard to their race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.2 Consultant will, in all solicitations or advertisements for employees placed by or on behalf of Consultant state either that it is an equal opportunity employer or that all qualified applicants will receive consideration for employment without regard to race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.3 Consultant will cause the foregoing provisions to be inserted in all subcontracts for any work covered by this Agreement except contracts or subcontracts for standard commercial supplies or raw materials.

25. WARRANTIES

25.1 Each Party has received independent legal advice from its attorneys with respect to the advisability of entering into and executing this Agreement, or been provided with an opportunity to receive independent legal advice and has freely and voluntarily waived and relinquished the right to do so. Each Party who has not obtained independent counsel acknowledges that the failure to have independent legal counsel will not excuse such Party's failure to perform under this Agreement.

25.2 In executing this Agreement, each Party has carefully read this Agreement, knows the contents thereof, and has relied solely on the statements expressly set forth herein and has placed no reliance whatsoever on any statement, representation, or promise of any other party, or any other person or entity, not expressly set forth herein, nor upon the failure of any other party or any other person or entity to make any statement, representation or disclosure of any matter whatsoever.

25.3 It is agreed that each Party has the full right and authority to enter into this Agreement, and that the person executing this Agreement on behalf of either Party has the full right and authority to fully commit and bind such Party to the provisions of this Agreement.

26. CAPTIONS

26.1 The captions appearing at the commencement of the sections hereof, and in any paragraph thereof, are descriptive only and for convenience in reference to this Agreement. Should there be any conflict between such heading, and the section or paragraph thereof at the head of which it appears, the section or paragraph thereof, as the case may be, and not such heading, shall control and govern in the construction of this Agreement.

26.2 Masculine or feminine pronouns shall be substituted for the neuter form and vice versa, and the plural shall be substituted for the singular form and vice versa, in any place or places herein in which the context requires such substitution(s).

27. NON-WAIVER

27.1 The waiver by City or Consultant of any breach of any term, covenant or condition herein contained shall not be deemed to be a waiver of such term, covenant or condition or of any subsequent breach of the same or any other term, covenant or condition herein contained. In no event shall the making by City of any payment to Consultant constitute or be construed as a waiver by City of any breach of covenant, or any default which may then exist on the part of Consultant, and the making of any such payment by City shall in no way impair or prejudice any right or remedy available to City with regard to such breach or default. No term, covenant or condition of this Agreement shall be deemed to have been waived by City or Consultant unless in writing.

27.2 Each right, power and remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise shall be cumulative and shall be in addition to every other right, power, or remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise. The exercise, the commencement of the exercise, or the forbearance of the exercise by any Party of any one or more of such rights, powers or remedies shall not preclude the simultaneous or later exercise by such Party of any of all of such other rights, powers or remedies.

27.3 Consultant shall not be liable for any failure to perform if Consultant presents acceptable evidence, in City's sole judgment, that such failure was due to causes beyond the control and without the fault or negligence of Consultant.

28. COURT COSTS AND ATTORNEY FEES

In the event legal action shall be necessary to enforce any term, covenant or condition herein contained, the Party prevailing in such action, whether reduced to judgment or not, shall be entitled to its reasonable court costs, including accountants' fees and expert witness fees, if any, and attorneys' fees expended in such action. The venue for any litigation shall be Los Angeles County, California.

29. SEVERABILITY

If any term or provision of this Agreement or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable, then such term or provision shall be amended to, and solely to, the extent necessary to cure such invalidity or unenforceability, and in its amended form shall be enforceable. In such event, the remainder of this Agreement, or the application of such term or provision to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby, and each term and provision of this Agreement shall be valid and be enforced to the fullest extent permitted by law.

30. GOVERNING LAW

This Agreement shall be governed and construed in accordance with the laws of the State of California.

31. COUNTERPARTS

This Agreement may be signed in any one or more counterparts all of which taken together shall be but one and the same Agreement. Any signed copy of this Agreement or of any other document or agreement referred to herein, or copy or counterpart thereof, delivered by facsimile or email transmission, shall for all purposes be treated as if it were delivered containing an original manual signature of the Party whose signature appears in the facsimile or email and shall be binding upon such Party in the same manner as though an originally signed copy had been delivered.

32. ENTIRE AGREEMENT

All documents referenced as exhibits in this Agreement are hereby incorporated in this Agreement. In the event of any material discrepancy between the express provisions of this Agreement and the provisions of any document incorporated herein by reference, the provisions of this Agreement shall prevail. This instrument contains the entire Agreement between City and Consultant with respect to the transactions contemplated herein. No other prior oral or written agreements are binding upon the Parties. Amendments hereto or deviations herefrom shall be effective and binding only if made in writing and executed by City and Consultant.

[This section intentionally left blank]

TO EFFECTUATE THIS AGREEMENT, the Parties have caused their duly authorized representatives to execute this Agreement on the dates set forth below.

"CITY" CITY OF PICO RIVERA	"CONSULTANT" JMDIAZ, INC.
_____ Andrew C. Lara, Mayor	_____ Juan Diaz, President/CEO
Dated: _____	Dated: _____
ATTEST:	**APPROVED AS TO FORM:**
_____ Cynthia Ayala, City Clerk	_____ Arnold M. Alvarez-Glasman, City Attorney

EXHIBIT A
SCOPE OF SERVICES

DIGITAL COPY

Response to Request for Proposals

On-Call Engineering Services

City of Pico Rivera, CA

02.14.24

Submitted By:

JMD

PLANNING | ENGINEERING | MANAGEMENT

18645 East Gale Avenue | Suite 212 | City of Industry, CA 91748
Ph: 626.820.1137 | F: 626.820.1136

www.jmdiaz.com

JMD
PLANNING | ENGINEERING | MANAGEMENT

February 14, 2024

Noe Negrete, PE
Director of Public Works
City of Pico Rivera
6615 Passons Blvd.
Pico Rivera, CA 90660

2024.1112.0003.00

SUBJECT: Proposal to Provide On-Call Professional Engineering Services

Dear Mr. Negrete:

JMDiaz, Inc. (JMD), a local California Corporation (Federal Tax ID 20-2267311), is pleased to submit this proposal to provide On-Call Professional Engineering Services to the City of Pico Rivera (City). Our proposal, which remains in effect for a period of 90 days, has been prepared in accordance with the City's Request for Proposals, published January 3, 2024.

Experience You Can Rely On – Located in nearby City of Industry, JMD has assembled a comprehensive and locally experienced project team that a wide range of multidiscipline services to local agencies in our Latino communities (e.g., Pico Rivera, Montebello, East Los Angeles, Santa Fe Springs, Norwalk, La Habra and South Gate) in Southern California. Our team has an extensive history assisting the City of Pico Rivera managing projects involving civil, highways, rail, structures, traffic and transit engineering. Such projects include school related studies and designs for El Rancho Unified School District and the Durfee Avenue/UPRR Grade Separation.

Leadership You Can Trust – JMD's objective is to assist the City in achieving its goals in a timely and responsive manner with minimal review time by City staff. Assigned to this important program, as Project Director, is one of our most qualified, City of Pico Rivera experienced, multidiscipline, Spanish speaking and local Senior Managers, **Juan M. Diaz, MBA, PE,** with over 38 years of transportation and municipal experience as well as expertise in highways, civil, rail, structures, traffic and transit engineering. He has successfully managed and designed miles of roadway rehabilitation for the City of Pico Rivera and local agencies as well as the development of railroad and bus/rail transit corridors (e.g., Eastside LRT Extension, Durfee Avenue grade separation, Wilshire BRT and MGL Foothill LRT Extension) and sensitive railroad corridor quiet zones in the San Gabriel Valley. A former Cal Poly Pomona lecturer, he has taught Railroad/Transit Engineering and has been involved and interfaced with many of the region's major transit projects, including California High Speed Rail. As Project Director, Juan will assign the best project or task manager to each project or task requested by the City to be monitored in terms of scope, budget, schedule and quality, through completion.

Comprehensive On-Call & Multidiscipline Capabilities – The JMD Team is comprehensive and offers a wide spectrum of services complemented by multidiscipline capabilities and local experience to meet all aspects of the City's requirements. Our team includes the following reputable firms:

Firm	Role
JMD	PM/Civil, Traffic, Rail, Transit Engineering/Staff Augmentation/CM & Inspection
19six Architects	Architectural Design
California Consulting	Grant Administration
Cho Design Associates, Inc.	Structures

18645 East Gale Avenue, Suite 212, City of Industry, CA 91748
(626) 820-1137 Tel ● (626) 820-1136 Fax
www.jmdiaz.com

Coast Surveying, Inc. and FHA, Inc.	Surveying/Mapping
Epic Land Solutions, Inc.	Real Estate
Fehr & Peers	Planning
Geo-Advantec, Inc.	Geotechnical
MIG, Inc.	Landscape Architecture
Ninyo & Moore	Hazmat

Comprehensive Project Management and Stakeholder Coordination – Essential to the success of the development of the subject projects is the perfect blend of comprehensive project/task management, stakeholder working relationships and technical analysis/design expertise covering various disciplines (civil, highways, rail, structures, traffic, transit, landscaping, surveying, etc.) from concept to construction. The JMD Team offers valuable experience working with other agencies, such as Los Angeles County, in which JMD has served as an extension of City staff (for Cities of Industry, South Gate, Brea, Glendora) and handled signal timing coordination needs as well as processed service requests for civil and traffic improvements, some of which are maintained by the County on behalf of local cities. In addition, the JMD Team offers staff capable of reviewing analysis and design projects by other consultants. Our ability to do the actual work we will oversee adds a layer of protection to the project and City essential for a successful project or deliverable.

Clear Communication and Support – As Project Director, I will be the primary representative and main point of contact to the City, and the individual authorized to negotiate contract terms and enter into legally binding commitments. During this on call program, I will work with Project Managers and Task Managers assigned to ensure they have clear assignments and the resources needed through this program. I will be responsible for ensuring Projects or Tasks are completed on time, within budget and to the optimum quality needed. I will also serve lead specialty projects or tasks requiring my knowledge or skills (e.g., high speed rail, railroad, quiet zones, bus/rail transit, bikeways, complete streets, etc.)

We are excited about the possibility of serving the **City of Pico Rivera** once again and firmly believe we offer numerous benefits to the City including:

- A local Project Director and Team with Pico Rivera knowledge and multidiscipline experience
- A Team with municipal, transportation (civil, traffic, rail, transit) and land development expertise
- A Team with a responsive, innovative and cost-effective approach and a reputation for quality

We appreciate the opportunity to submit our proposal for your consideration on this important program and look forward to your favorable reply. Should you have any questions regarding this proposal, please contact me at (626) 820-1137 ext. 1101.

Sincerely,

JMDiaz, Inc.

Juan M. Diaz, MBA, PE
President/CEO

Enclosure

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- Key Personnel Resumes
- Non-Collusion Affidavit Form

I. Qualifications of the Firm

JMDiaz, Inc. (JMD), a California corporation, offers a full range of transportation planning and civil engineering covering highways, roadways, land development, traffic, rail and transit projects for local agencies, schools, railroads, and private entities in California. Originally founded by Juan M. Diaz in 2001, JMD serves clients from its office in City of Industry, California. Currently, JMD has a staff of 26 professionals.

Through the proven experience of its professionals and technical staff, JMD has earned a reputation of quality, commitment, and responsiveness by providing innovative and timely design solutions on projects sponsored by private developers and public agencies. JMD's reputation is complemented by its values and commitment to improve quality of life as expressed in its mission statement:

"To provide responsive, innovative and effective solutions that improve quality of life."

In addition to its comprehensive qualifications, JMD is also certified with local agencies as a:

- Community Business Enterprise (CBE)
- Disadvantaged Business Enterprise (DBE)
- Minority Business Enterprise (MBE)
- Small Business Enterprise (SBE)

Services

JMD offers a wide range of services covering planning, engineering, and management for public and private sector clients. These services, outlined to the right, cover all phases of project development from conceptual design through construction. Such depth of services is one of JMD's unique and distinguishing characteristics that have contributed to its success.

Location

JMD has three (3) office locations:

City of Industry, CA
18645 East Gale Avenue, Suite 212
City of Industry, CA 91748
Phone (626) 820-1137 ● Fax (626) 820-1136
www.jmdiaz.com

West Covina, CA | Orange, CA | San Diego, CA

Planning

- **Civil**
  Master Plans
  Concept Design
  Feasibility Studies
- **Highways**
  Project Study Reports
  Project Reports
- **Land Development**
  Master Plans
  Traffic Impact Studies
- **Traffic**
  Traffic Impact Studies
  Warrant Analysis
- **Rail**
  Rail Corridor/Feasibility Studies
  Rail Safety Studies/Grade Crossing Analysis
  Quiet Zones
- **Structures**
  Grade Separation Feasibility Studies

Engineering

- **Highway/Roadway Design**
  Mainlines/Ramps/Interchanges
  Roadway Rehabilitation/Streetscapes
  Bikeways/Trails
- **Land Development**
  Residential/Commercial Sites
  Campus Expansions/Master Plans
- **Rail Design** (HSR, Light, Commuter & Freight)
  Mainline/Industry/Shoofly Alignment
  Grade Crossings/Stations/Quiet Zones
- **Structures**
  Rail/Highway Grade Separations
  Pedestrian Bridges
- **Traffic/Transit Design**
  Signing and Striping
  Traffic Signals/Lighting/Traffic Control
  Rail/Bus Rapid Transit Corridors
  Stations/Parking Facilities

Management

- Project/Municipal Services/Program Management
- On site Municipal Services
- Staff Augmentation
- Construction and Inspection Management

Financial Stability

JMD is a full-service engineering company known for providing responsive, innovative, and effective solutions to its clients. JMD's multidiscipline services and commitment to service have allowed the firm to grow and remain in service for 23 years.

Founded in 2001 and incorporated in 2005 as JMDiaz, Inc., JMD is 100% Hispanic-owned by Juan M. Diaz its Chief Executive Officer. JMD is in good standing with the California Secretary of State and is not a subsidiary of any other firm or entity. In addition, JMD is financially strong, with limited debt and without bankruptcy, pending litigation, outstanding claims, planned office closures and impending mergers. In addition, JMD's Dun and Bradstreet Class 1 credit rating of 2R3 is a strong credit rating. JMD's strength is confirmed by its increasing project contract values currently yielding $3,500,000 in annual fees. Most importantly, is JMD's earned trust among clients seeking quality and responsive service.

Teaming History

Our team has a strong history of working together to deliver successful multidisciplinary projects for numerous local agencies. The table below lists our proposed subconsultant firms and the projects they have teamed up with JMD.

Teaming with JMD

Firm	Project Name
19six	• Glendora Yard Building, Glendora, CA
CAC	• ATP Cycle 6 Grant Writing, Stockton, CA • HSIP 11 Grant Writing, Stockton, CA
CDA	• Staff Augmentation City of Glendora • Gpe Park Rehabilitation, City of La Habra
CSI	• Durfee Ave Grade Separation, Pico Rivera • La Habrá/UPRR Bikeway, City of La Habra • Trench Alternatives Study, City of Montebello
EPIC	• LACDPW On-Call Traffic Design • Glendora On-Call Professional Engineering
F&P	• Whittier Bl. Specific Plan, City of Pico Rivera • I-710 Livability Initiative, LA Metro
FHA	• Zone 24 Res. Streets Rehab., City of Norwalk • Compton Bl Rehabilitation, City of Compton
GAI	• On-Call Traffic Design & Ops, LACDPW • Local Streets Rehab Program, Norwalk, CA
MIG	• Gpe Park Rehabilitation, City of La Habra • Compton Bl Rehabilitation, City of Compton
N&M	• Ladera Ranch North Pavement, Orange Cty • La Habra/UPRR Bikeway, City of La Habra

Staffing Capacity and Availability

Our team's staffing capacity, current workload, and time available to assist the City with this important program are listed in detail in **Table 1** located in **Section II Proposed Staffing**.

Relevant Project Experience

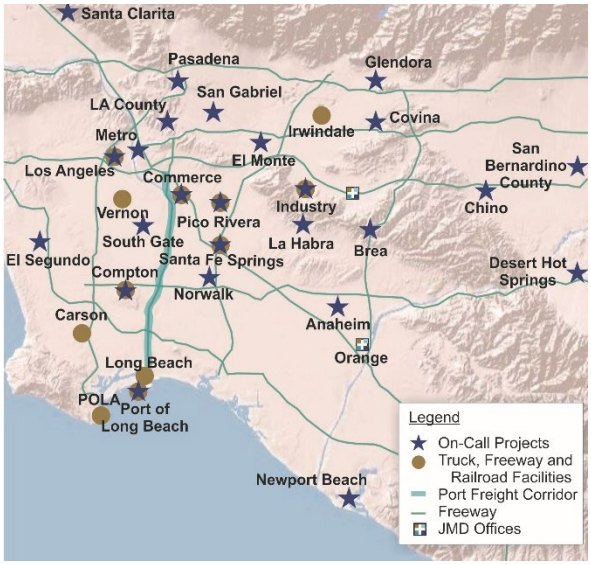
JMD and its staff have unique qualifications and an extensive history providing staff augmentation civil and traffic engineering services and project management for numerous agencies in Southern California. Our comprehensive qualifications cover analysis as well as civil, traffic design, ITS solutions and lighting expertise for multimodal facilities. JMD has been providing timely assistance and expertise to local city agencies in the following areas:

Multidiscipline Services		
Civil	• Roadway Design • Intersection Widening • Drainage Analysis and Design	• Parks • Parking Facilities • Utility Coordination and Design
Highway	• Freeway Mainlines and Interchanges • Resort Facilities	• Exclusive Truckway Corridors • SMART Corridors
Rail	• Rail/Highway Grade Separation Bridges • Railroad Preemption	• At-Grade Rail Crossings and Quiet Zones • Industrial (Spur) Tracks
ITS	• Integrated Corridors • Changeable Message Signs	• CCTV • Dynamic Message Signs

Multidiscipline Services		
Lighting	• Street Lighting/Rail Station Lighting	• Parking Lot Lighting/School Site Lighting
Parking Facilities	• Parking Analysis, Studies, and Design	• Parking Facilities
Studies	• Warrant Analysis/Traffic Operations • Transportation Planning • Traffic Studies/Traffic Calming Studies • Traffic Control Plan Preparation	• Traffic Signal Design and Upgrades • Arterial Traffic Signal Coordination and Timing • Geometric Design • Accident Data Analysis
Sustainability/ SRTS/Active Transportation	• Streetscapes/Complete, Green Streets • Safe Routes to School • Pedestrian Facilities and Design	• Bicycle Planning and Design • Class I, II, II and IV Bikeways • Rails to Trails
Transit	• HSR/LRT/Metrolink Corridors/Stations • Transit Planning and Design	• Bus Rapid Transit and Light Rail Systems • High Speed Rail Interfaces
Municipal Services	• On Call Engineering • Staff Augmentation • Project Management • Plan Checking/Study Review • Permitting	• EIR/PEER Review • Public Outreach • Grant Writing and Administration • Construction Management • Inspection

JMD On Call Project Experience

JMDs on call experience includes many agencies illustrated and described below.



The following are relevant on call projects led by JMD.

On-Call City Engineering Services
City of Covina

JMD provided on-site and off-site, on-call engineering services to the City. Services include resolving questions and concerns regarding public improvements, field investigations report checking and plan reviews, front counter coverage, engineering overview and technical support for public works department activities. JMD provided reviews of traffic signals and building improvements, traffic control and street lighting plans as well as special investigations or studies related to safe route to schools including lighting assessments.

Client: City of Covina
Contact: Alex Gonzalez (former Assistant PW Dir.)
125 East College Street
Covina, CA 91723
(626) 319-8442 Tel.
Agonzalez42@sbcglobal.net

Duration: 2014 - 2018
Personnel: J. Diaz, S. Itagaki, J. Bareng, G. Andrade

On Call Light Rail Engineering Services City of Glendora

JMD is currently providing initial advisory and review services for the Metro Gold Line Foothill Extension, Phase 2B (Azusa to Claremont) on behalf of the City. This includes review of track, grade crossings, stations, bridges, grading, drainage, right of way, utility, and parking facility improvements within the City of Glendora.

Client: City of Glendora
Contact: Alison Sweet, Asst. Public Works Director
116 East Foothill Boulevard
Glendora, CA 91741
(626) 914-8248 Tel.
ASweet@ci.glendora.ca.us
Duration: 2016-2025
Personnel: J. Diaz, S. Itagaki, I. Salvatierra, G. Andrade,

On Call Engineering, City of Brea

JMD is providing on-call engineering services to the City of Brea, involving on-site plan checking, coordination and project management, as well as offsite engineering analysis and design services. Projects include transportation, land development improvements and entitlement packages.

Client: City of Brea
Contact: Michael Ho, PE
Deputy Director of Public Works/
City Engineer
1 Civic & Cultural Center
Brea, CA 92821-5732
michaelh@cityofbrea.net
Duration: 2018 - Ongoing
Personnel: D. Solanki J. Diaz

City Engineering Services, City of Industry

JMD provided on call and staff augmentation services to the City of Industry including construction inspection, studies and design for roadways, traffic signals, railroad crossings and rail/highway grade separations. These projects/tasks included the following:

- Intersection Widening and Grade Crossings
- Traffic Signals and Timing
- Citywide Accident and Hot Spot Monitoring
- TMC & CIP Development / City Traffic Model
- Safety Improvements and Grade Separations

Client: City of Industry
Contact: Alex Gonzalez (formerly with the City)
Dir. of Development Services & Admin.
15625 Stafford St
City of Industry, CA 91744
(626) 319-8442 Tel.
agonzalez42@sbglobal.net
Duration: 2016-2019
Personnel: J. Diaz, I. Salvatierra, K. Farrahi

Traffic Engineering Services, City of El Segundo

JMD provided on call and staff augmentation services to the City of El Segundo including traffic control and operations, speed studies and design for roadways, traffic signals, bicycle and pedestrian facility planning and design, and miscellaneous traffic engineering assistance. These projects/tasks included the following projects:

- Rosecrans Avenue Signing and Striping
- Citywide Class 3 Bikeway Design
- City Facilities Signing and Striping

- Sepulveda Blvd Street Name Sign TCP
- Pacific Coast Commons TIA Review
- Street Closure Barrier Assessment
- El Segundo Blvd Parking Pilot Assessment
- Nash Street Plan Check Review

Client: City of El Segundo
Contact: Orlando Rodriguez, PE, Senior Civil Engineer
350 Main Street
El Segundo, CA 90245
(310) 524-2252 Tel.
orodriguez@elsegundo.org
Duration: 2018-2021
Personnel: J. Diaz, S. Itagaki, G. Andrade, I. Salvatierra, G. Figueroa

Telegraph Road Rehabilitation City of Commerce

JMD prepared preliminary and final design for the rehabilitation of Telegraph Road, between Atlantic Boulevard and the Rio Hondo Channel (approximately three miles) in the City. Rehabilitation improvements include street reconstruction and resurfacing as well as crossing improvements on UPRR's Los Nietos Subdivision. JMD developed street, "hot spot" intersection, grade crossing, signing and striping and traffic control plans for the City with coordination with Caltrans due to the proximity to I-5. Coordination with Metro, Caltrans, Citadel and UPRR was essential for the project.

Client: City of Commerce
Contact: Maryam Babaki, Director of Public Works
2535 Commerce Way
Commerce, CA 90040
(323) 887-4441 Tel.
Duration: 2013 – 2015
Personnel: J. Diaz, S. Itagaki, G. Andrade

On Call Engineering - Guadalupe Park Trail and Rehabilitation, City of La Habra

JMD conducted final design for the Guadalupe Park Bike/Ped Trail Design for Park Rehabilitation Project in the City. The purpose of this improvement project is to encourage the use of active modes of transportation. This park links to the City's UPRR Bikeway Project in UPRR property. This trail is part of the Orange County Loop, a 66-mile multipurpose trail serving 17 cities in the County.

Client: City of La Habra
Contact: Mr. Michael Plotnik, TE, City Engineer
110 East La Habra Boulevard
(562) 383-4162 Tel.
mplotnik@lahabraca.org
Duration: 2019-2022
Personnel: J. Diaz, I. Salvatierra, G. Andrade, D. Dardoon

UPRR's Los Nietos Subdivision Quiet Zone Study, City of Santa Fe Springs

JMD developed a quiet zone study for UPRR's Los Nietos Subdivision including five at-grade crossings including Pioneer Bl (N), Los Nietos Rd, Smith Av, Pioneer Bl (S) and Florence Av. A quiet zone assessment was prepared detailing proposed improvements, costs, funding sources and project schedule. Improvements were presented to the community, CPUC and UPRR.

Client: City of Santa Fe Springs
Contact: Mr. Tom Lopez, Assistant Director of PW
(562) 868-0511 x7342 Tel.
tomlopez@santafesprings.org
Duration: 2007
Personnel: J. Diaz, S. Itagaki, G. Andrade, M. Chavez

SR-710 Gap Alternatives Analyses and Project Report Preparation, LA Metro

JMD was a member of the CH2M Team responsible for alternatives analyses, technical assessments, conceptual and preliminary engineering, public involvement and community outreach support, and environmental studies to prepare a project report and appropriate environmental documents for the SR 710 Gap. The 710 Gap is a regionally significant project needed to close the current highway system gap between Interstates 10 and 210 in Los Angeles and Pasadena, California, respectively. JMD developed various multidiscipline alternatives including Transportation Systems Management/ Transportation Demand Management (TSM/TDM) improvements, a 7-mile light rail transit (LRT) line, a 10-mile bus rapid transit (BRT) line and interchange improvements. In addition, JMD was responsible for designing arterial segments, interchanges, LRT and BRT alternative alignments and stations as well as "hot spot" intersections, roundabouts, parking, and LRT maintenance facility alternatives.

Client: LA Metro (c/o CH2M Hill)
Contact: Mr. Yoga Chandran, PE, Project Director
HNTB
Former Project Manager w/CH2M Hill
777 S. Figueroa Street, Suite 2300
Los Angeles, CA 90017
(213) 403-1000
ychandran@hntb.com
Duration: 2012 - 2016
Personnel: J. Diaz, S. Itagaki, G. Andrade, M. Chavez

II. Proposed Staffing

We are ready to Deliver

The JMD Team offers a comprehensive mix of management insight and multidiscipline technical expertise to successfully anticipate and handle the various needs of the City's CIP and development program. Management insight and technical expertise are assured by our Project Director who has management and civil engineering degrees to cover all aspects of the program. The JMD Team, illustrated in the organizational chart located in **Figure 1** on the following page, consists of a **"team of local experts"** to handle project needs in a strategic manner. We offer a wide spectrum of services and multidiscipline capabilities complemented by Pico Rivera experience to meet all aspects of the City's project requirements for consistency and continuity. Our team is built on the notion of offering our best local talent to ensure the City and each project receive optimal value. In addition, our staff are highly committed and available to assist the City and this program without interruption from start-up to completion.

Meet the Project Director

Assigned to this important project is one of our most qualified, experienced, and local Project Managers, **Mr. Juan M. Diaz, MBA, PE**, a ***California Registered Professional Engineer*** with over 38 years of transportation experience serving local agencies by providing expertise in civil, highways, rail, structures, traffic, and transit engineering. He has successfully managed and designed miles of roadway rehabilitation, bikeway, and transit corridors for local agencies on a variety of projects.

Highlights:

- 38 Years of Transportation Experience
- Extensive Multi-Discipline Experience
- 30 Miles of Roadway, Bikeway and Transit Corridor Design Experience

Education:

- MBA, Bus. Admin., Cal Poly Pomona
- BS, Civil Engineering, Cal Poly Pomona

Registrations:

- Professional Engineer, CA #C50813

As Project Director, Mr. Diaz will lead the team and be the primary contact with the City. With his multidiscipline experience, Juan understands key stakeholders involved and will be responsible for leading team activities and meetings, providing project direction and overseeing work from project inception to completion. With his multidiscipline analysis and design expertise he is the best choice to lead this program and can be contacted at (626) 820-1137 ext. 1101 or via email at jmdiaz@jmdiaz.com.

Key Personnel Organization

The JMD team organization of the proposed personnel is illustrated in **Figure 1** on the next page**,** followed by the JMD team roles and availability matrix listed in **Table 1**. JMD's Project Director and Key Personnel are committed and available to serve on the project from start-up to completion.

JMD TEAM BRINGS THE CITY:

- **Project Delivery –** Project history and state of the art solutions to start running for timely delivery to benefit all parties.
- **Constructability –** A Team with a record of minimal to no change orders.
- **Comprehensive Service -** A turnkey strategy focused on project delivery while assisting City staff with Caltrans, LA County, CHSRA and Metro/Metrolink coordination/reporting.
- **Innovation and Value –** Innovative, cost effective and responsive solutions.

Figure 1 – Organizational Chart

Principal-In-Charge/ Project Director
Juan M. Diaz, MBA, PE

QA/QC Manager
Algis J. Marciuska, MBA, PE

Architecture

Architectural Design
Jack Shah, AIA
Joseph Monfreda, LEED AP BD+C (19six)

Landscape Architecture
Steve Lang, ASLA (MIG)

Planning

Planning
Miguel Nuñez, AICP (F&P)

Environmental Studies & Documentation
John Cromer (MIG)

Outreach
Esmeralda Garcia (MIG)

Engineering

Roadway
Ivan Salvatierra, PE, TE

Drainage
Luis Castañeda

Structures
Christopher Cho, PE, SE (CDA)

Utility Research & Coordination
Deepak Solanki

Geotechnical
Shawn Ariannia, PhD, PE, GE (GAI)

Surveying/Mapping
Ruel del Castillo, PLS (CSI)
Alex Khezri (FHA)

Traffic and Lighting*

Traffic Engineering/Lighting
Steven Itagaki, PE, TE, PTOE

Traffic Signals
Peter Kim, PE, TE, PTOE

Traffic Studies
Winston Bautista, PE, TE, PTOE

Construction

Construction Management
Frank Sanchez, PE

Inspection
Rick Barajas
Tom Geary
John Moon

Support Services

Real Estate
Eddie Quintero (EPIC)

Hazmat
Michael Putt, PG, CEG (N&M)

Grant Administration
Danielle Sotello (CAC)

* Traffic Counts by NDS
** Key Personnel in Bold

LEGEND

JMD	JMDiaz, Inc.
19six	19six Architects
CAC	California Consulting
CDA	Cho Design Associates, Inc.
CSI	Coast Surveying, Inc.
EPIC	Epic Land Solutions, Inc.
F&P	Fehr & Peers
FHA	FHA Consulting Engineers
GAI	Geo-Advantec, Inc.
MIG	MIG, Inc.
N&M	Ninyo & Moore

JMD Team Availability

Table 1 below lists the JMD team's current workload and time available to assist the City with this important program. Resumes for all Key Personnel are located in the **Appendix**.

Table 1 – Current Workload and Availability

PERSONNEL / PROJECT ROLE	CURRENT WORKLOAD	AVAILABILITY
Key Personnel		
Juan M. Diaz, MBA, PE Principal-in-Charge/Project Director	▪ Whittier Blvd Specific Plans, Pico Rivera, CA (20%) ▪ Administrative and Marketing (10%)	70%
Algis J. Marciuska, MBA, PE QA/QC Manager	▪ Glendora On-Call Engineering, City of Glendora (20%) ▪ Durfee Avenue GS Closeout, City of Pico Rivera (10%)	70%
Jack Shah, AIA Architectural Design	▪ On-Call Engineering Services, Various Cities (20%) ▪ Administrative and Marketing (20%)	60%
Ivan Salvatierra, PE, TE Roadway	▪ Metro Purple Line Extension, LA Metro (10%) ▪ Norwalk Local Streets Rehabilitation (10%) ▪ Magnolia Avenue Grade Crossing, City of Corona (10%)	70%
Steven Itagaki, PE, TE, PTOE Traffic Engineering/Lighting	▪ Anaheim Dilemma Zones, City of Anaheim (10%) ▪ City of Glendora On-Call Engineering (10%) ▪ Arroyo Seco Low Flow Water Line, LABOE (10%)	70%
Frank Sanchez, PE Construction Management	▪ Norwalk Zone 24, Local Streets Rehabilitation (30%)	70%
Rick Barajas Inspection Manager	▪ Water Lines and Streets, Suburban Water District (30%)	70%
Deepak Solanki Utility Research & Coordination	▪ Glendora On Call Engineering Services (30%) ▪ Brea On-Call Engineering Services (30%)	40%
Steve Lang, ASLA (MIG) Landscape Architecture	▪ Pine Avenue Streetscape Improvements (20%) ▪ Admin/Marketing (20%)	60%
Christopher Cho, PE, SE (CDA) Structural Engineering	▪ Various Structural Engineering Projects (40%) ▪ Admin/Marketing (10%)	60%
Joseph Monfreda, LEED AP BD+C (19.6) Architectural Engineering	▪ GWP Glendale Water & Power (30%) ▪ Fire Station 26 & 28 Renovations (20%)	50%
Ruel Del Castillo, PLS (CSI) Surveying/Mapping	▪ Big Canyon Reservoir Monitoring & Surveying (30%) ▪ On-Call Services – Yorba Linda Water District (20%)	50%
Miguel Nuñez, AICP (F&P) Planning	▪ Various Various Planning Projects (50%)	50%
John Cromer (MIG) Environmental Studies & Documentation	▪ Miscellaneous Environmental Studies (50%)	50%
Esmeralda Garcia (MIG) Public Outreach	▪ Miscellaneous Public Engagement Projects (40%)	60%

III. Subconsultants

JMD is pleased to continue working with a select team of reputable subconsultants known for providing exceptional service in their respective technical areas.

Architectural Design

JMD has contracted **19six Architects.** (19six) to provide architectural design services.

19six Architects is an Integrated Design firm that has been dedicated to projects that enrich the community in which they live and work. The firm believes in creating spaces that have a positive impact. They focus on collaboration, inclusion, and sustainable processes to create a holistic environment that improves and enhances human experience now and in future.

19six Architects was founded in 1906 as a sole-proprietorship and in 1963 the firm was incorporated. On July 31st, 2018, the firm unveiled their new name and brand 19six Architects which they created over the next 100+ years. Although the firm's name has changed over the years one thing has remained the same and that is their team is dedicated to projects that enrich the community.

19six Architects (19six)	
Legal Entity	Corporation
Year Established	1906
Office Location	250 East Rincon St, Suite 204 Corona, CA 92879
Contact Person	Joe Monfreda (805) 592-1471 jmonfreda@19six.com

Grant Writing

JMD has contracted **California Consulting, Inc. (CAC)** to provide Grant Writing services.

Founded in 2004, California Consulting, Inc., is the largest grant writing firm in California and has developed expertise in representing municipalities and has extensive experience with federal, state, and local grant opportunities and CEQA and NEPA environmental regulations. California Consulting grant team of over 30 grant writers have expert skills in effective and persuasive grant writing for Clients. Their team has written over 1,500 competitive successful federal, state, and private foundation grant applications that have been awarded to their clients. The firm is honored to provide grant writing services state-wide to the County of Los Angeles, San Bernardino County, Kern County, San Benito County, Nevada County, and the cities of Lomita, El Segundo Carson, Hawthorne, Norwalk, Bell, Maywood, Irwindale, Brawley, Wildomar, Needles, Artesia, Riverside, Ontario, Industry, and Baldwin Park, among others.

Through years of grant writing and management experience, their grant writers have a proven history of success and have mastered their skills of identifying, researching, and obtaining funding for significant projects at every level of government. The Project Management team maintains subject matter expertise with the following categories: Water, Public Works, Economic Development, Climate, and Environmental Sustainability grant writing projects.

California Consulting, Inc. (CAC)	
Legal Entity	Corporation
Year Established	2004
Office Location	214 Main Street, Suite 102 El Segundo, CA 90245
Contact Person	Steve Samuelian, CEO (323) 728-9002

Structural Engineering

JMD has contracted **Cho Design Associates (CDA)** to provide Structural services.

Cho Design Associates, Inc., (CDA) is a California based, multi-disciplined engineering firm that can provide a variety of engineering services. Our capabilities are focused on three major areas. These areas include Transportation Facilities/ Public Works Engineering; Industrial/Energy related facilities; and Public Agency Assistance.

CDA has provided a wide range of engineering services to numerous public agencies and private developers in the southern California area. These services have encompassed the design of bridges, arterial highways, roadway widenings, storm drain systems, and water transmission systems. Projects have included services from feasibility studies to preparation of improvement plans, specifications and estimates to construction assistance.

CDA's capabilities include all phases of structural design. Their project experience includes preliminary engineering and planning studies, advanced planning studies and reports, complete PS&E (plans, specifications, and estimates), design reviews, independent checks, and construction support services. Their past design experience includes timber, steel, masonry, and reinforced concrete structures.

Cho Design Associates, Inc. (CDA)	
Legal Entity	Corporation
Year Established	1996
Office Location	3001 Red Hill Avenue, #6-206 Costa Mesa, CA 92626
Contact Person	Christopher Cho, PE, SE, Principal (714) 427-0681 ccho@chodesignassociates.com

Surveying/Mapping

JMD has contracted **Coast Surveying, Inc. (CSI)** to provide Surveying and Mapping services.

Coast Surveying, Inc. (Coast), a California Corporation, was founded in 1981. Coast specializes in surveying, mapping, aerial photogrammetry, and right-of-way mapping. Approximately 95% of the firm's work is performed for public agencies throughout the southern California region. The firm currently has on-call contracts with the cities of Anaheim, Buena Park, Newport Beach, Santa Fe Springs, Yorba Linda, Eastvale, Irvine, Menifee, and other various agencies, including the County of Orange, El Toro Water District, Yorba Linda Water District, and San Bernardino Valley Water Conservation District.

Coast is certified DBE, SBE, and MBE and currently has a staff of 22 with five highly qualified and professional licensed land surveyors.

Coast prides itself on completing complex, challenging projects on time and within budget without sacrificing quality. CSI has consistently met its obligations for project schedules and has an excellent record of staying within estimated budgets.

Coast Surveying, Inc. (Coast)	
Legal Entity	Corporation
Year Established	1981
Office Location	15031 Parkway Loop, Suite B Tustin, CA 92780-6527
Contact Person	Ruel Del Castillo, PLS (714) 918-6266 ruel.decastillo@coastsurvery.com

Real Estate

JMD has contracted **Epic Land Solutions, Inc. (EPIC)** to provide Real Estate services.

Epic Land Solutions, Inc. (EPIC) is a full-service right of way consulting services firm founded in 2000 with the mission to create land solutions for the public good. The firm employs 60 professionals and support staff across regional offices in Torrance, Riverside, San Diego, and the Pacific Northwest. EPIC is growing the next generation of right of way professionals holistically versed in local, state, and federal funding regulations to deliver all nature of capital improvement projects for public agencies. EPIC has worked with multiple municipalities within Los Angeles County, often on an on-call basis to provide right of way acquisition or other real estate related services for roadway, bikeway, and pedestrian improvements. EPIC understands common right of way project concerns due to navigating many projects in Los Angeles County from project design through to construction. This understanding allows the firm to provide accurate right of way cost estimates during design, analyze title for inconsistencies, identify potential challenging parcels for acquisition negotiations, and navigate property owner relationships and requests with all parties' interests in mind. Recent similar project experience includes right of way acquisition for City of Glendora's Urban Trail Phases 2 & 3, City of Pomona's San Jose Creek Multi-Use Bikeway, and City of Downey's Lakewood Boulevard at Florence Avenue Intersection Improvements.

Epic Land Solutions, Inc. (EPIC)	
Legal Entity	Corporation
Year Established	2000
Office Location	1971 W. 190th Street, Suite 200 Torrance, CA 90504
Contact Person	Corie Lahr, Bus. Dev. Manager (310) 626-4847 clahr@epicland.com

Planning

JMD has contracted **Fehr & Peers (F&P)** to provide Planning services.

Fehr & Peers is passionate about transforming transportation consulting through innovation and creativity. The firm derives inspiration by partnering with communities to understand and shape local transportation futures objectively tailored to diverse needs. Clients trust Fehr & Peers to help them overcome barriers and uncertainty by combining advanced expertise with curiosity, humility, and initiative to deliver implementable, data-driven solutions that reinforce community values. From the most straightforward to the most complex, team members actively listen to client and community needs and manage every project with diligence and focus.

The Fehr & Peers Southern California region has completed more than 30 on-call contracts over the years, serving as a trusted on-call traffic engineering and planning consultant to several agencies, including contracts with the Cities of Anaheim, Beverly Hills, Carson, Diamond Bar, Fontana, Industry, Irvine, Long Beach, Los Angeles (LADOT), Oxnard, Pasadena, Rancho Cucamonga, Redondo Beach, Vista, West Hollywood, Caltrans, LA Metro, SDSU, and Southern California Regional Rail Authority, to name a few

Fehr & Peers (F&P)	
Legal Entity	Corporation
Year Established	1985
Office Location	100 Oceangate, Suite 1425 Long Beach, CA 90802
Contact Person	Miguel Nunez, AICP, PIC (562) 294-5848 m.nunez@fehrandpeers.com

Surveying

JMD has contracted **FHA Consulting Engineers (FHA)** to assist with surveying services.

FHA, established in 2003, is a civil engineering firm offering professional land surveying and mapping services. FHA applies state-of the-art land surveying techniques and instruments to produce high quality products that can be relied on for further use by its public sectors and private clients.

FHA continues to successfully work on various public work projects for public sectors and private clients throughout California. Land Surveying and Mapping Services that FHA offers are as follows:

- GPS Control Surveying
- Architectural Design Surveying
- Transportation Surveying
- Topographic Survey
- Horizontal and Vertical Control
- Design and Construction Surveying
- A.U.L.T.A.
- Boundary Survey

FHA Consulting Engineers	
Legal Entity	Corporation
Year Established	2003
Office Location	13621 Espirit Wy, Irvine, CA 92620
Contact Person	Alex Khezri, Project Manager (949) 679-7673 akh@fhacengineers.com

Geotechnical

JMD has contracted **Geo-Advantec, Inc (GAI)** to provide geotechnical services.

Geo-Advantec Inc. provides a full range of responsive and quality geotechnical engineering, materials testing, and inspection services for all phases of projects from conceptual design through construction. Each one of the firm's principals has worked more than 3 decades in the industry. The firm currently has a team of about 20 registered civil and geotechnical engineers, geologists, field and laboratory certified technicians, and special soil inspectors with a wide range of skills on public and private sector projects including pavement rehabilitation, roadways and transportation related structures, educational and municipal buildings, public infrastructure facilities, utility lines, commercial, and industrial facilities and structures throughout California.

GAI's goal is to provide the highest quality services to their clients by focusing on constructability, efficiency, and practicality. To achieve this goal, GAI have assembled a team of highly experienced and specialized geotechnical engineers and geologists who have worked on a variety of projects both nationwide and worldwide.

Geo-Advantec, Inc.	
Legal Entity	Corporation
Year Established	2012
Office Location	457 W. Allen Avenue, Suite 113 San Dimas, CA 91773
Contact Person	Shawn Ariannia, PhD, PE, GE (909) 305-0400 Ext. 102 sariannia@geoadvantec.com

Landscape Architecture

JMD has contracted **MIG, Inc.** (MIG) to provide landscape architecture services.

MIG, Inc. is a multidisciplinary firm that focuses on developing plans that can be implemented. The firm's landscape professionals are accomplished in providing a full range of services including: parks condition assessments; parks/trails master planning; sports parks; dog parks; skate parks; streetscapes; playground equipment inspections; feasibility studies; irrigation design and water audits; opinions of probable cost; schematics and renderings; digital visualizations; reporting and presentations; peer review of PS&Es: preliminary design; final design PS&Es; public bidding and construction support services; post construction evaluations and on-call services. In our 38 years in business, we have over $1 billion worth of MIG-designed public improvements in the ground. We bring our firmwide depth of knowledge and experience to Chino.

Founded in 1982, MIG, Inc. currently has 15 offices in California, Washington, Texas, Colorado, and Oregon, including local offices in Fullerton, Los Angeles, Pasadena, Riverside and San Diego.

Moore Iacofano Goltsman, Inc. (MIG, Inc.)	
Legal Entity	Corporation
Year Established	1982
Office Location	109 W. Union Avenue Fullerton, CA 92832
Contact Person	Steve Lang, Principal-in-Charge (714) 871-3638 Ext. 404 stevel@migcom.com

Hazmat

JMD has contracted **Ninyo & Moore,** (N&M) to provide hazmat services.

Ninyo & Moore, a California Corporation, is a minority-owned, multidisciplinary consulting firm that provides high-quality geotechnical and environmental consulting services. The firm was incorporated in 1987 to provide consulting services in geotechnical engineering, construction inspection and testing, engineering geology, hydrogeology, hazardous waste remediation and environmental assessment. We are committed to being responsive, thorough, technically sound, and active in the business community. Ninyo & Moore serves its clients through 15 offices in California, Arizona, Colorado, Nevada, Texas, and Utah.

Ninyo & Moore has had the privilege of providing geotechnical and environmental consulting, soils and materials testing services to the County of Los Angeles on various contracts either as a prime consultant or as a subconsultant for numerous capital improvement projects.

Ninyo & Moore (N&M)	
Legal Entity	Corporation
Year Established	1987
Office Location	475 Goddard, #200 Irvine, CA 92618
Contact Person	Michael Putt, PG, CEG (949) 753-7070 mpuitt@ninoyandmoore.com

IV. Proposed Approach

Understanding

The City of Pico Rivera is seeking qualified Engineering firms to provide On-Call Engineering Services. Such services include planning and design for, but are not limited to, roadway pavement rehabilitation and/or restoration, streetscape, landscaping and irrigation systems, utility, bridges, safety lighting, traffic signal, hydraulic analysis, rail/transit facilities, active transportation and complete streets facilities, water treatment and distribution systems, sewer systems, flood control and storm drain facilities, parks/playgrounds/trails, parklets general facilities (chain-link fencing/gates, retaining walls, etc.) and other Public Works construction projects. In addition, the City may need consultant services for grant administration, public outreach, preliminary engineering studies, environmental studies, surveying, right-of-way acquisition, mapping, legal description preparation, staking, geotechnical, structural services, architectural services, mechanical (HVAC)/electrical services, and prior rights claim expertise.

JMD has extensive experience providing similar planning and design services to many agencies in Southern California including the City of Pico Rivera. We have a thorough understanding of the City, its stakeholders and its needs.

Approach

Our approach to a typical City "On-Call" program is to meet early with City staff and other impacted agencies, if applicable, in order to establish scope, schedule and process. Once we have prepared the final scoping documents and are issued a Notice to Proceed, we will begin the preliminary phase of the project, which typically consists of research and data collection, utility identification, coordination and investigation; field surveying and topographic mapping; identification of facilities to be modified or replaced; and preparation of any required design reports and preliminary plans for the proposed improvements. If right-of-way or easements are required, a preliminary right-of-way map will be prepared showing parcels to be acquired and conceptual modifications to existing property.

JMD will utilize existing information available from previous studies, reports, investigations and analyses as a basis to begin any study and/or design work. This information will be augmented and updated, where required. Because they are typically on a project schedule's critical path and may require substantial lead time, the following tasks will begin immediately upon receipt of Notice to Proceed:

- Research and Data Collection
- Secure Permits Required for Access to the Project
- Utility Identification and Coordination
- Identification of Right-of-Way Requirements
- Determine Environmental Requirements

Communication and Coordination

JMD will meet with the City of Pico Rivera functional unit staff responsible for review of a specific element of the conceptual and preliminary plans as we are working on them. Draft copies of this work will be submitted for significant work items before the milestone submittal date with follow-up meetings to solicit input. This early coordination gives us a clear understanding of what the functional unit reviewers expect while giving the reviewers a preview of what will be submitted before actual submittals are made.

Design of transportation improvements on existing facilities in urban settings typically presents unique issues and requires experienced design techniques. Based on our past experience, we understand the complexity of retrofitting existing transportation facilities while maintaining basic services, traffic flow and minimizing impacts to the roadway user. Specific items related to typical transportation improvement projects may include:

- Utility location
- Utility relocation

- Existing conditions and compliance with current standards (knowing when to upgrade existing facilities to current design standards and that impact on the project schedule and costs)
- Construction staging
- Construction traffic control
- Permits and approvals

Typically, City transportation improvement projects are in urban settings and may involve multi-agency approvals. This requires planning, communication and follow through to successfully secure consensus and process approvals through impacted agencies.

We believe that the success of any project will depend up adequately addressing key issues (i.e., ADA compliance, access, circulation, utilities, traffic control and right of way) during the project development process and preparation of the preliminary and final plans, specifications and estimates (PS&E) package. Once the preliminary phase work tasks have been completed, reviewed and approved by the City, County, Caltrans, railroads, SGVCOG, Metro and any impacted agencies, JMD will incorporate comments and begin work on the final phase, which includes the final PS&E. In addition to the Geometric Approval Drawings (35%), we anticipate making two review submittals (65% and 90% PS&E) and the Final (100%) PS&E package will be submitted after all reviews and approvals have been completed.

Work Plan

JMD's work plan is based on providing responsive, innovative and effective solutions following a ***Service-Oriented*** approach designed to keep the City informed throughout each effort.

The basic components of JMD's work plan are project/task definition and implementation.

Project/Task Definition

Successful delivery begins with accurate project/task definition. JMD will meet with City staff early to define and verify the City's expectations for each task or project and our proposed scope, schedule and process.

Project/Task Implementation

Successful delivery requires a well planned and executed implementation. Due to the variety of possible tasks and projects that may be developed, JMD's technical oversight tasks will provide on-site and off-site support tasks as needed.

On-Site Tasks

On-site tasks will consist of tasks performed at the City with the understanding that staff will be based at JMD's Industry office nearby.

Off-Site Tasks

Off-site tasks will consist of tasks or projects to be performed at JMD's office in neighboring City of Industry – within minutes from the City of Pico Rivera. Such tasks, outlined in the enclosed fee schedule, may include performing reviews, analysis and design in support of projects identified by the City.

Once we are issued a Notice to Proceed, we will begin three initial tasks including: 1) collection of existing conditions via field reviews and photo logging; 2) letters of notification will be sent to impacted utility owners requesting verification of existing facilities and proposed improvements; 3) preparation of a preliminary base map which will be utilized to develop and validate an understanding of the conceptual plans and for use as the base plan sheets for plan preparation. JMD will present the base map to the City during a brief job walk to identify existing constraints and define or adjust the proposed improvements. The purpose of this jobwalk will be to make adjustments in the phasing and to verify and finalize the specific improvements to be designed based on the availability of project funding.

After approval of the conceptual/preliminary plan sheets by the City, JMD will proceed with preparation of the final improvement plans for each respective phase when authorized to proceed by the City. Plans will be prepared to include title sheet, typical sections and details, roadway, grade crossing, signing and striping, traffic signal

modifications, interconnect, street lighting and traffic control plans, as appropriate. JMD will prepare and submit a bid item list and opinion of probable construction cost for City approval.

All plans will be provided in CAD format. Specifications, bid items and construction cost estimates will be prepared in MS Word/Excel formats, as appropriate.

JMD will utilize existing information available from previous plans, studies, reports, investigations and analyses as a basis to begin any design work. This information will be augmented and updated, accordingly. Because they are typically on a project schedule's critical path and may require substantial lead time, the following tasks will begin immediately upon receipt of Notice to Proceed:

- Research and Data Collection
- Utility Identification and Coordination
- Identification of Right-of-Way Requirements

JMD will meet with City staff responsible for review of design elements of the 35%, 65%, 95% and 100% plans as we are working on them. Draft copies of this work will be submitted for significant work items before the milestone submittal date with follow-up meeting to solicit input. This early coordination gives us a clear understanding of what the reviewers expect while giving the reviewers a preview of what will be submitted before the actual submittal is made.

Design of transportation improvements on existing facilities in typically highly urban setting presents some unique issues and requires experienced design techniques. Such issues may include:

- Utility location/relocation
- Compliance with current standards
- Construction staging and traffic control

JMD will promptly and adequately address key issues during the project development process and preparation of the preliminary and final plans, specifications and estimate (PS&E) package.

Scope of Work

Due to page limitations, the City's scope of work in the RFP is replicated in **Table 2** below:

Table 2 – Scope of Work

A. Project Management	B. Community Outreach	C. Preliminary Engineering & Planning Studies
JMD will be responsible for project management activities throughout the life of the contract and the scope of activities includes but is not limited to, coordinating and being responsible for scheduling meetings, managing the project schedule, preparing and distributing minutes, field reviews, tracking action items for the City and JMD sub-consultants, and, for federally funded projects, preparing all submissions for the City to submit to Caltrans Local Assistance.	JMD and subconsultant MIG, Inc. will attend and provide support and materials for City of Pico Rivera and/or City Council presentations and Community Outreach Meetings, including but not limited to, PowerPoint presentations, project fact sheets, concept renderings, GIS story maps, plans and drawings and answer questions from the public and/or committee or council members. Graphic visuals shall be prepared for both print and digital applications. Translation will be provided, as needed, relying on our Project Director who is bilingual and knows the City of Pico Rivera since 1972 where he and children of the LA T-Birds represented the Pico Rivera Rollerdrome located at the southeast quadrant of Whittier Boulevard and the UPRR railroad corridor.	JMD will develop general project locations and design concepts and related activities needed to establish the parameters for final design such as Geometrics, Hydraulics, Geotechnical, Bridge, Landscape Architecture, Traffic and multimodal Operations, Electrical, ITS Elements, etc. JMD will perform needed engineering and planning studies including traffic impact studies, engineering and speed surveys, parking studies, rail/highway grade crossing or separation studies, safety studies, feasibility studies, Caltrans Project Study Reports, traffic signal warrants, stop sign warrants and speed hump studies.

D. Surveys, Mapping and Field Reviews

Subconsultant Coast Surveying Inc. (CSI) will be responsible for data collection, mapping and surveying necessary for preliminary engineering, design, cost estimates, right-of-way impacts, and the level of environmental clearance. The scope of comprehensive base mapping and surveying includes but is not limited to Control Surveys, Topographic Surveys, Monument Establishment, Aerial Photogrammetry, Right-of-Way Retracement, and a Record of Survey. All formal surveying shall be conducted in accordance with the Professional Land Surveyors' Act and California Business and Professions Code. CSI will also review available record plans, existing/proposed conditions and requirements. In addition, CSI will conduct a field review meeting and prepare field review report, in order to confirm the accuracy of any existing drawings, surveys, streets, and utility location data obtained. CSI will conduct additional surveys based on the project requirements. CSI will also prepare a preliminary design report of alternatives, preliminary cost estimate and preferred alternative.

E. Environmental Studies and Documentation

JMD's subconsultant MIG, will handle environmental documentation efforts understanding that specific documentation work may be required by the funding agency and the City including, but not be limited to the following: preparation of Preliminary Environmental Study (PES) and completion of any required technical studies for NEPA compliance, CEQA compliance documentation and technical studies, NPDES permit regulations, Regional Board Section 401 certification, any coordination as required completing the environmental NEPA and CEQA work.

In addition, JMD and MIG will assist City staff with obtaining any encroachment permits required for the project from agencies such as Caltrans, County of Los Angeles, and any other having jurisdiction. For federally funded projects, these services include preparation of all required Local Assistance Procedure Manual Exhibits to be submitted to Caltrans. Our team understands LAPM requirements extensively.

F. Utility Research and Coordination

JMD will coordinate with the City, other consultants, utility companies and other involved agencies to achieve compatible designs, phasing of construction with existing or designed conditions, utility relocation and timely delivery of the contract PS&E. Coordination may include, but not be limited to, coordination with Caltrans, FHWA, Regional Water Quality Control Board and other agencies.

JMD will provide the following services:

- Research and obtain file copy of utility maps within the project limits for existing and/or proposed facilities.
- Prepare preliminary plans with utility notices/questionnaires to be sent to utility companies.
- Plot existing and proposed utilities in plan (and profile when applicable)
- Monitor response of utility notices received by the City and then make recommendations for mitigating conflicts.
- Attend coordination meetings when required regarding adjustments and relocations.
- Pothole information, where required, will be coordinated by JMD.
- Coordinate utility relocations, including relocation of the utility poles, as needed.

G. Right of Way Phase & Determination

The JMD Team will prepare Request for Authorization to advance project to Right of Way Phase using procedures outlined in the Caltrans Local Assistance Procedures Manual. When authorized, the JMD Team will review right-of-way records and establish additional right-of-way along the entire alignment, if necessary.

In addition, subconsultant Epic Land Solutions, Inc., (EPIC) will provide right-of-way services, including but not limited to, right-of-way acquisitions, appraisals, temporary construction easements and permanent easements on an as-needed basis based on the project parameters. For federally funded projects, EPIC will prepare all Caltrans Local Assistance Procedures Manual Exhibit forms for right-of-way certification.

H. Design

The JMD Team will be ready to design needed project improvements including civil, highways, rail, structures, traffic and transit engineering projects covering intersections and crossings as well as highway, BRT and LRT corridors including conventional, green and complete streets following applicable roadway methodology and design process flow chart, illustrated in **Figures 2 and 3** on pages 21 and 22.

The JMD Team will prepare plans, specifications, and estimates in accordance with City of Pico Rivera Standards, Standard Plans and Specifications for Public Works Construction and Caltrans Standard Plans and Specifications to achieve project objectives. The JMD Team will examine and present project alternatives, as necessary, which complete project goals within construction budgets.

Plans will be prepared using the City of Pico Rivera AutoCAD format and plot style. Copies of AutoCAD files will accompany each level of plan submittal and all AutoCAD files will be bound to each individual plan.

	Technical Special Provisions will be prepared per City of Pico Rivera requirements for bidding. City will provide boilerplate front-end specifications. Special provisions will be prepared per Greenbook format, latest edition. All final plans and specifications will be stamped and signed by JMD's California Registered Engineer of Design, along with other applicable licensed disciplines. JMD will perform constructability reviews prior to issuing contract documents for advertising and bidding.to eliminate the potential for change orders. The JMD Team will prepare quantity calculations for items that are applicable to each project and prepare cost estimates. Quantities for all contract pay items will be substantiated by calculations. Quantity calculations will be neat and orderly and will show all sketches, diagrams, and dimensions necessary to allow them to be independently used by field inspectors during construction. All electronic software developed, databases generated, spreadsheets and intellectual properties developed during the life of the Agreement will become the property of the City.

I. Construction Phase Authorization	J. Bid Support Services
The JMD Team will prepare and coordinate Requests for Authorization to advance project to Construction using procedures outlined in the Caltrans Local Assistance Procedures Manual.	The JMD Team will provide an electronic copy of the final approved plans and specifications and a hard copy of the final approved specifications. The electronic copy of the plans will be provided as both AutoCAD files and PDF files, and the electronic copy of the specifications will be provided in both Microsoft Word format and PDF format. City will be responsible for making copies of contract documents and will distribute them to plan rooms and contractors. The JMD Team will respond to questions that arise during the bid phase and prepare addendums which will be distributed by the City, as necessary. The JMD Team will assist the City with bid evaluations, as needed.

K. Construction Support Services

The JMD Team will provide coordination and construction support services during construction of all projects. Construction services include, but are not limited to:

- Attend pre-construction meeting with City, contractors, utility company representatives, etc.
- Review and respond to request for information.
- Provide master submittal list.
- Review and approve all submittals and shop drawings required.
- Attend construction progress meetings as required.

JMD will furnish, at sole cost and expense, all necessary drawings for corrections and change orders required by errors and omissions of JMD. The original tracing(s) of the drawings and contract wording for the change orders will be submitted to the City for duplication and distribution.

JMD will be available as requested by the City to resolve discrepancies in the contract documents. JMD will bring to the attention of the City any defects or deficiencies in the work by the construction contractor which JMD may observe.

JMD will prepare and deliver to the City the final as-built plans incorporating field marked prints supplied by the City. Upon completion of construction, the City will submit field-marked prints to JMD. JMD will incorporate all changes to the plans electronically, including AutoCAD files, with all necessary revision notations and submit to the City.

L. Grant Administration

For projects funded by grants, JMD and subconsultant, California Consulting, Inc. will prepare and submit Requests for Authorization (RFA) to Caltrans Local Assistance for the various phases of work including, but not limited to the following:

- Preliminary Engineering (PE)
- Right of Way (R/W)
- Utility Relocation (RW/UTIL)
- Construction (CON)

The JMD Team will prepare and submit Award Package and Final Report of Expenditures to Caltrans and will assist the City on the preparation of Federal and State invoices. These services will be in accordance with Caltrans Standards, FHWA Standards, and City's Standards.

M. Prior Rights Expertise

JMD and EPIC will serve as the single focal point for utility issues in relation to prior rights and the nature of replacements rights that result including providing and coordinating research of prior rights. The JMD Team will also coordinate and track requests and receipt of prior rights from Third Parties as part of an iterative process. The JMD Team will maintain and keep record of prior rights information for various Third Parties and for the Report of Investigation (ROI). The JMD Team will work with the City Attorney's Office to validate prior rights; analyze and track that all prior rights information has been obtained; assist, prepare and review prior rights exhibits for Third Party property rights; review any discrepancies in information obtained from Third Party. The JMD Team will conduct and coordinate review of utility rights crossing excess land, public right-of-way, and private property. The JMD will provide input to a Right of Way Certification Process and track information for all utility owners. The JMD Team will assist in the appropriate and consistent interpretation and application of Master Agreements, policies and requirements on complex utilities relocations including utilities within railroad corridors. JMD will track information for all utility owners and represent the City at meetings as requested.

Figure 2 – Roadway Concept Flow Chart

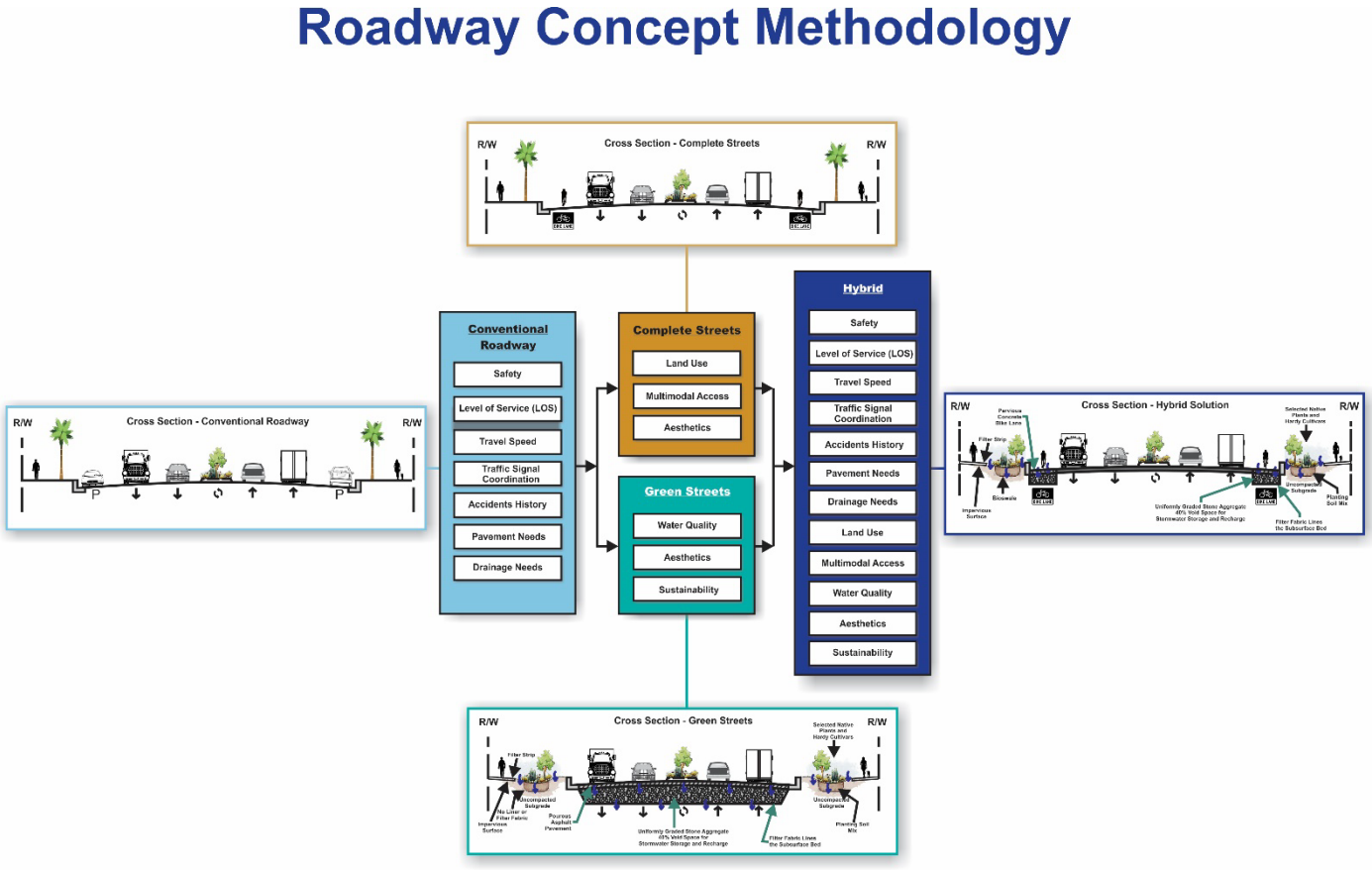
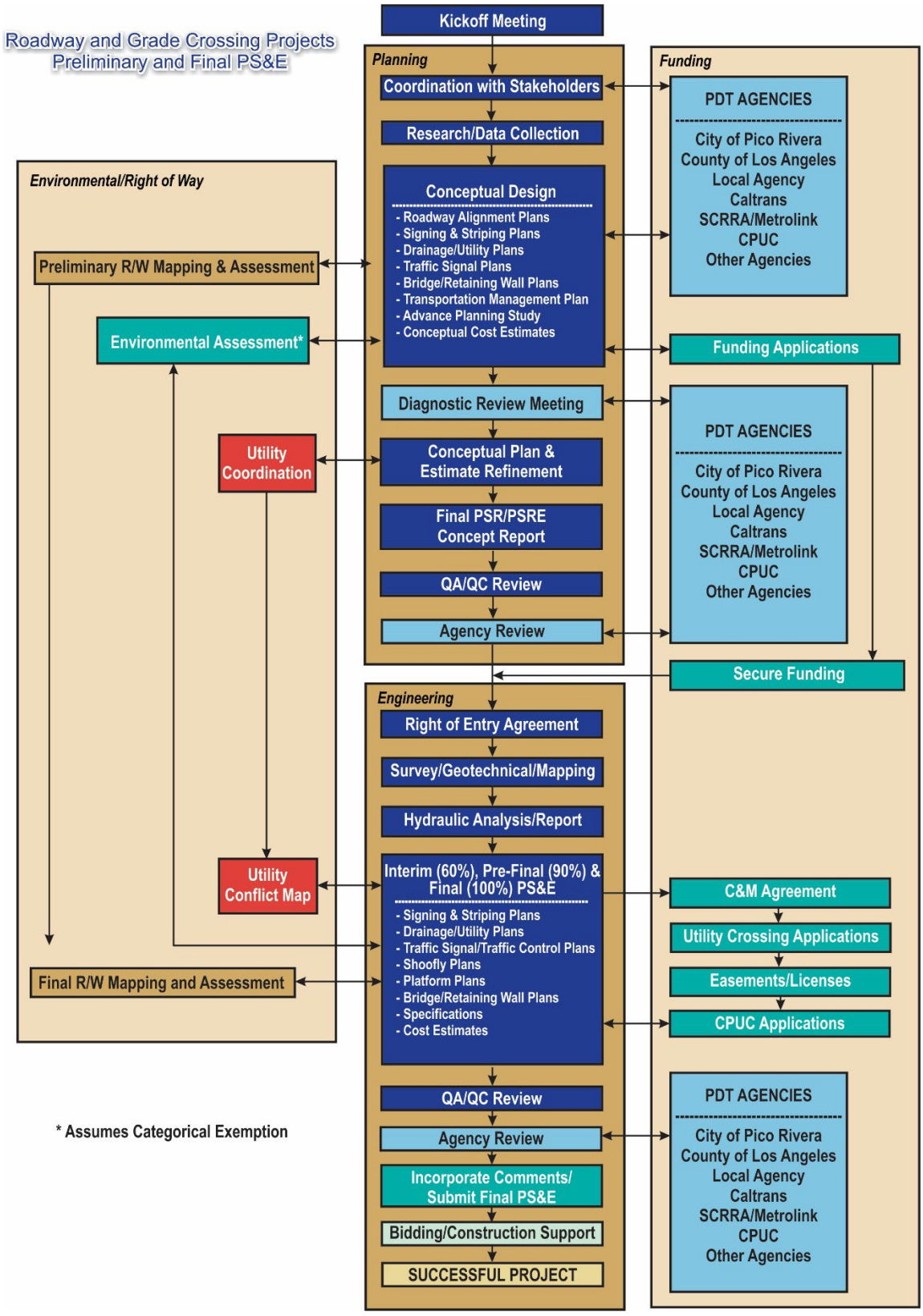


Figure 3 – Design Project Process Flow Chart



V. Client References

JMD values its professional client relationships and encourages the City to contact the references listed below.

City of Industry	Relevant Project
Alex Gonzalez, PE Former Director, Development Services City of Industry 15625 Stafford St City of Industry, CA 91744 (626) 319-8442 agonzalez42@sbcglobal.net	**On Call Municipal Engineering Services** JMD is currently providing on call and staff augmentation services to the City of Industry including construction inspection, studies and design for roadways, traffic signals, railroad crossings and rail/highway grade separations.
City of San Gabriel	
Daren Grilley, PE (Formerly with City of San Gabriel) City Engineer City of Beverly Hills 455 N. Rexford Drive Beverly Hills, CA 90210 (310) 285-1000 dgrilley@beverlyhills.org	**On-Call Project Management/Staff Augmentation Services** JMD provided project management and construction administration services on an on-call basis to the City of San Gabriel to assist in Capital Improvement Project (CIP) delivery. Projects included roadway and bus shelter projects throughout the City. JMD also provided on-call traffic engineering services including study reviews, plan reviews, and special investigations and studies as well as traffic signal and stop control warrant analysis.
City of Glendora	
Alison Sweet, RCE (Retired) (Former Director of Public Works/City Engineer) City of Glendora Public Works Department (626) 629-9597 ASweeteng@yahoo.com	**On-Call Light Rail Engineering and Services** JMD is currently providing staff augmentation services and light rail advisory and review services for the Metro Gold Line Foothill Extension, Phase 2B (Azusa to Claremont) on behalf of the City. Services included performing plan checking, permitting and inspection services for CIP and land development projects. Light rail technical services include review of track, grade crossings, stations, bridges, grading, drainage, right of way, utility and parking facility improvements within the City of Glendora.
City of Brea	
Michael Ho, PE Deputy Director of Public Works/ City Engineer 1 Civic & Cultural Center Brea, CA 92821-5732 (714) 990-7667 Tel. michaelh@cityofbrea.net	**On-Call Engineering Services** JMD is currently providing on-call engineering services to the City of Brea, involving on-site plan checking, coordination and project management, as well as offsite engineering analysis and design services. Projects include transportation and land development improvements, including entitlement packages.

VI. Schedule of Hourly Rates

JMD Hourly Rates

Effective January 1, 2024 through December 31, 2027

Professional

Sr. Project Manager/Principal	$220.00
QA/QC Manager	$210.00
Sr. Project Engineer - Traffic	$200.00
Sr. Project Engineer - Civil	$190.00
Technical Advisor	$180.00
Associate Engineer/Plan Checker	$160.00
Project Coordinator	$130.00
Analyst	$120.00
Project Administrator	$110.00
Sr. Design Engineer	$105.00
Design Engineer	$100.00
Drafter	$85.00
Intern	$60.00

Administrative

Administrative/Clerical	$85.00

Reimbursable Costs

Photo Copies (B&W)	$0.12/Each
Photo Copies (Color)	$0.39/Each
Bond Prints (24”x36”)	$3.00/Each
Mileage**	$0.67/Mile

*** Rates are effective January 1, 2024 through December 31, 2027 as noted above.**
**** Mileage rate per IRS.**

HOURLY BILLING RATES - 19six ARCHITECTS

19six Architects prefers to work on a lump sum fee based upon a mutually agreeable scope of work. All overhead, profit, labor, materials, administrative, travel expenses, and parking will be built into any fee agreement and not billed as reimbursable expenses. We have provided our hourly rates below for reference.

19SIX ARCHITECTS	nineteensix 196 ARCHITECTS
Principal III	$345
Principal II	$328
Principal I / Principal IV	$310
LEED Accredited Professional III	$328
Associate Principal	$264
Market Sector Leader / Studio Director	$253
Associate Market Sector Leader / Associate Director	$247
LEED Accredited Professional II	$247
Specifications Writer	$247
Architect III / Senior Project Manager / Senior Structural Engineer	$241
LEED Accredited Professional I	$207
Architect II / Project Manager II / Project Engineer	$207
Architect I / Project Manager I / Structural Designer I / Civil Engineer I / Interior Designer I	$178
Graphics II	$178
Design Professional III / Job Captain	$155
Closeout Specialist / Project Administrator	$166
Design Professional II	$138
Graphics I	$143
Design Professional I	$120
Administrative Staff I	$115
Technical Staff	$103

Overtime Rate: Time & One-Half
Note: 19six Architects reserves the right to adjust hourly rates every six months to meet economic conditions.

Our hourly rates are fully burdened. For hourly services with reimbursables, our reimbursable schedule is:

Printing
24x36 bw: $2.00 / sheet
30 x 42 bw: $2.50 / sheet
24 x 36 color: $4.00 / sheet
30 x 42 color: $5.00 / sheet

Copying
8-1/2 x 11 bw: $0.10 ea
11 x 17 bw: $0.25 ea
8-1/2 x 11 color: $0.20 ea
11 x 17 color: $0.50 ea

Other Reimbursables
Mileage: $0.58 / mile
Plan Review Fees: actual cost +15%
Courier Service: actual cost +15%
Lodging, parking & meals: actual cost +15%

California Consulting, Inc.

FEE SCHEDULE – HOURLY RATES
Effective January 1, 2024 to December 31, 2027

California Consulting can also offer full-service grant writing services for hourly and per grant application services as detailed in this Request for Proposal at the rate of $150.00 per hour plus reimbursement of reimbursable expenses.

Pricing Option 1 – Hourly Rate

Staff Name/Position	Hourly Rate
Danielle Sotelo, Ashley Ramsey, David Marquez, Karen Simpson, Michelle Ferguson, Karen Leventhal– Project Managers	$150.00 per hour
***Reimbursable Expenses**	**Rates**
Mileage	Current 2024 IRS Rate
Travel Expenses (Tolls, Lodging)	Cost
Copies	$0.20 per page (Black/White) $0.40 per page (Color)
Courier Service	Cost
Postage, Binding, Conference Calls, Overnight Courier	Cost

All grant writing assignments will be quoted at the hourly rate and the client may specify a "not to exceed" amount.

Grant research, grant identification/tracking, and grant administration, including post-award compliance, can be provided at an hourly rate of $150.00. For these services at an hourly rate, the client may specify a "not to exceed" amount.

CHO DESIGN ASSOCIATES, INC.

CITY OF PICO RIVERA
2024 ON-CALL PROGRAM

FEE SCHEDULE

Effective January 1, 2024

Principal Engineer/Project Manager	$ 235.00/Hr
Project/Senior Engineer	$ 210.00/Hr
CADD Technician/Draftsperson	$ 160.00/Hr
Word Processing/Clerical	$ 85.00/Hr

Reproductions, deliveries, and other reimbursable items will be billed at our cost.

These rates will be guaranteed for the entire 5 year contract term.

The hourly rates above apply to all structural engineering tasks including but not limited to research, specification writing, meeting attendance and presentations, presentation preparation, engineering studies, calculation preparation, plan preparation, estimate preparation, printing, consultation, and any other related task required to fulfill project and/or product requirements.

Coast Surveying, Inc.

FEE SCHEDULE – HOURLY RATES
Effective January 1, 2024 to December 31, 2027

SCHEDULE OF HOURLY RATES

Principal-in-Charge, PLS	**$287.00**
Survey Manager, PLS	**$228.00**
Project Surveyor, PLS	**$198.00**
Field Coordinator	**$180.00**
Survey Technician	**$151.00**
2 Person Survey Party w/Equipment	**$340.00**

These hourly rates are effective for a five-year period from date of award.

Coast is signatory with Local 12, Operating Engineers, and will follow the Union rules concerning the payment of Regular Rates, Overtime Rates, and Double Time Rates.

Overtime rates are payable at 1.25 times the regular rate in effect at that time.

Double time rates are payable at 1.50 times the regular rate in effect at that time.

Costs for monuments, prints, research materials, and other incidental or special supplies will be billed at cost.

Client: JM Diaz
Agency: City of Pico Rivera
Project: On Call Engineering Services
Scope of Services: Right of Way Acquisition
Date Submitted: 1/24/2024
Prepared by: C Sinclair

OH		Profit
164.93%		10%

2023 Labor Rates **FYE 2020**

Title/Classification	Direct Labor	OH	Profit	Fully-Loaded Rate
Senior Advisory Manager	$ 75.96	164.93%	10%	**$221.36**
Advisory Manager	$ 60.10	164.93%	10%	**$175.15**
Senior Project Manager	$ 57.69	164.93%	10%	**$168.12**
Project Manager	$ 48.08	164.93%	10%	**$140.12**
Assistant Project Manager	$ 43.27	164.93%	10%	**$126.10**
Senior Right of Way Agent	$ 38.00	164.93%	10%	**$110.74**
Right of Way Agent	$ 32.21	164.93%	10%	**$93.87**
Right of Way Agent	$ 31.61	164.93%	10%	**$92.12**
Administrative Support	$ 28.85	164.93%	10%	**$84.08**
Budget & Financial Controls	$ 40.87	164.93%	10%	**$119.10**

The rates above reflect the direct salary rates for individuals that are currently anticipated to participate in work under this contract. The actual rate billed shall be based on the direct salary of the individual having performed the work, plus overhead and profit . These rates will be re-calculated at the beginning of each calendar year.

Staff billing rates provided include the Federal Acquisition Regulations (FAR) approved overhead rate for Epic Land Solutions, Inc. and are suitable for state and federally funded projects.

If the NTP is received after 120 days from this proposal, fees and billing rates may require revision.

Other Direct Costs	Rate
Mileage	At IRS Allowable
Postage/Overnight Delivery	At Cost
Property Ownership and Tenant Data	At Cost
Outside Services (Vendors & Subconsultants)	At Cost

FEHR PEERS

2023-2028

(July 2023 through June 2028)

Hourly Billing Rates

Classification	**Hourly Rate**		
Principal	$250.00	-	$380.00
Senior Associate	$210.00	-	$310.00
Associate	$185.00	-	$275.00
Senior Engineer/Planner	$160.00	-	$235.00
Engineer/Planner	$130.00	-	$200.00
Senior Engineering Technician	$150.00	-	$225.00
Senior Project Accountant	$170.00	-	$210.00
Senior Project Coordinator	$130.00	-	$215.00
Project Coordinator	$115.00	-	$175.00
Technician	$120.00	-	$185.00
Intern	$100.00	-	$135.00

- *Other Direct Costs / Reimbursable expenses are invoiced at cost plus 10% for handling.*
- *Personal auto mileage is reimbursed at the then current IRS approved rate (67 cents per mile as of Jan 2024).*
- *Voice & Data Communications (Telephone, fax, computer, e-mail, etc.) are invoiced at cost as a percentage of project labor.*

Fehr & Peers reserves the right to change these rates at any time with or without advance notice.

Geo-Advantec, Inc.

FEE SCHEDULE – HOURLY RATES

Effective January 1, 2024 to December 31, 2027

Principal Geotechnical Engineer	$250.00
Principal Engineering Geologist	$250.00
Senior Project Engineer	$200.00
Staff Engineer	$150.00
GIS Technician	$150.00
Laboratory Manager	$125.00
Drafter/CAD Technician	$90.00
Senior Engineer/Registered Geotechnical Engineer	$200.00
Senior Field Engineer/Field Operation Manager	$150.00
Senior Lab Technician	$110.00
Senior Field Technician	$150.00

MIG Hourly Rates 2024 – 2028

CLASSIFICATION	FIVE YEAR AVERAGE
Principal	$250
Senior Project Manager	$215
Project Manager	$205
Deputy Project Manager	$145
Landscape Architect	$150
Irrigation Designer	$180
Project Associate	$140
Senior Project Accountant	$190
Project Administrative Support	$115

Schedule of Fees

Hourly Charges for Personnel

Professional Staff

Principal Engineer/Geologist/Environmental Scientist/Certified Industrial Hygienist	$ 250
Senior Engineer/Geologist/Environmental Scientist	$ 235
Senior Project Engineer/Geologist/Environmental Scientist	$ 220
Project Engineer/Geologist/Environmental Scientist	$ 210
Senior Staff Engineer/Geologist/Environmental Scientist	$ 200
Staff Engineer/Geologist/Environmental Scientist	$ 180
GIS Analyst	$ 160
Technical Illustrator/CAD Operator	$ 140

Field Staff

Certified Asbestos/Lead Technician	$ 220
Field Operations Manager	$ 150
Nondestructive Examination Technician (UT, MT, LP)	$ 145
Supervisory Technician	$ 140
Special Inspector (Concrete, Masonry, Structural Steel, Welding, and Fireproofing)	$ 135
Senior Technician	$ 135
Technician	$ 130

Administrative Staff

Information Specialist	$ 120
Geotechnical/Environmental/Laboratory Assistant	$ 120
Data Processor	$ 95

Other Charges

Concrete Coring Equipment (includes technician)	$ 190/hr
Anchor Load Test Equipment (includes technician)	$ 190/hr
GPR Equipment	$ 180/hr
Inclinometer	$ 100/hr
Hand Auger Equipment	$ 80/hr
Rebar Locator (Pachometer)	$ 25/hr
Vapor Emission Kit	$ 65/kit
Field Equipment	$ 12/hr
X-Ray Fluorescence	$ 70/hr
PID/FID	$ 25/hr
Air Sampling Pump	$ 10/hr
Field Vehicle	$ 15/hr
Expert Witness Testimony	$ 450/hr
Direct Expenses	Cost plus 15 %

Special equipment charges will be provided upon request.

Notes

For field and laboratory technicians and special inspectors, overtime rates at 1.5 times the regular rates will be charged for work performed in excess of 8 hours in one day Monday through Friday and all day on Saturday. Rates at twice the regular rates will be charged for all work in excess of 12 hours in one day, all day Sunday and on holidays.

Field technician and special inspection hours are charged at a 4-hour minimum, and 8-hour minimum for hours exceeding 4 hours.

Invoices are payable upon receipt. A service charge of 1.5 percent per month may be charged on accounts not paid within 30 days.

Our rates will be adjusted in conjunction with the increase in the Prevailing Wage Determination during the life of the project, as applicable.

Appendix

- Key Personnel Resumes
- Non-Collusion Affidavit Form

Juan M. Diaz, MBA, PE

Principal-In-Charge/Project Director

Title
President/Chief Executive Officer

Years of Experience
38

Registration
Registered Professional Engineer, CA, #C50813

Education
- **M.B.A.**, Business Administration, 1991, California State Polytechnic University, Pomona
- **B.S.**, Civil Engineering, 1986 California State Polytechnic University, Pomona
- **A.S.**, Building Technology, 1982 Don Bosco Technical Institute, Rosemead

Affiliations
- American Society of Civil Engineers
- Institute of Transportation
- American Railway Engineering and Maintenance of Way Association

Mr. Diaz has over 38 years of professional engineering experience in the transportation planning and engineering industry. His extensive expertise in highway, traffic, rail and transit engineering has resulted in his management of major highway and rail transit projects in Southern California. Mr. Diaz has conducted studies and prepared designs for numerous agencies including Caltrans, Metro, SCRRA, OCTA, CPUC, NDOT, County of Los Angeles, County of Orange, and numerous local agencies as well as local railroads throughout California and Nevada. His experience includes the analysis and development of PS&E packages for highway, rail transit and freight rail corridor projects.

As a former Metrolink representative and on-call railroad consultant, his experience in coordination with the CPUC has led to more than 500 at-grade crossing and grade separations within the Metrolink systems. His diverse background and experience along with his strong ability in leading community outreach/consensus building efforts has resulted in his direct involvement in the analysis of train/vehicle/pedestrian circulation issues at rail/highway interfaces including interchanges, grade crossings and stations as well as quality of life projects associated with mitigating noise along rail corridors.

Mr. Diaz is a Cal Poly Pomona faculty as well as youth minister/preacher known for his ability to work and communicate with bilingual communities of all ages on sensitive projects.

Relevant Experience

On-Call Civil and Traffic Engineering Services – City of Pico Rivera
Served as *Project Manager* responsible for providing civil and traffic engineering services to the City of Pico Rivera on its Capital Improvement Programs and other developments involving roadway, signing and striping, traffic signals, street lighting and traffic control review and design. JMD also provided special studies services which included traffic calming, traffic analysis, circulation studies, signal timing and coordination, warrant analysis, and lighting analysis/design.

Durfee Avenue/UPRR (Los Angeles Subdivision) Feasibility Study Report and Preliminary/Final Design Review – Pico Rivera
Served as *Project Manager* responsible for completing a Feasibility Study Report (FSR) for the Durfee Avenue Grade Separation Project in the City of Pico Rivera. The study, partially intended to serve as an independent review of a prior concept study prepared for the ACE Construction Authority (ACE), included the assessment of four underpass alternatives designed to minimize impacts to adjacent properties. The FSR, which avoided a temporary shoofly, included roadway and track alignment design as well as geotechnical review, Advance Planning Study preparation, assessment of right of way impacts and conceptual cost estimates

On-Call Project Management, Staff Augmentation and Municipal Engineering Services – City of San Gabriel

Serving as *Principal-In-Charge* responsible for providing on-call traffic engineering services to the City of San Gabriel. Services included study reviews, plan reviews, special investigations, and studies as well as traffic signal and stop control warrant analysis. JMD also reviewed traffic signal, traffic control and street lighting plans, and also performed special investigations or studies related to safe route to schools including lighting assessments.

On-Call Engineering Services – City of Glendora

Serving as *Principal Advisor* responsible for providing professional on-call engineering services to the City of Glendora on a task order basis. Services include on-site and offsite services including project management, Foothill Gold Line design review, plan checking as well as street, traffic and utility design and construction inspection.

Citywide Analysis and High Priority SR-710 North Mitigation Projects – City of San Gabriel

Served as *Project Manager* responsible for developing citywide level of service, ridership, cost, and priority analysis to define necessary mitigation projects in lieu of a missing SR-710 Gap highway connection between I-10 and I-210 in the City of San Gabriel. The project, originated by Metro, was designed to define capacity needs through 2045 within the City directly or indirectly attributed to the missing SR-710 Gap with the intent of improving safety and mobility for local and regional traffic. The following are the projects resulting from this project:

- Mission Road & Ramona Street
- San Gabriel Boulevard/Interstate 10 (SG-13)
- Valley Boulevard & Abbot Avenue
- Walnut Grove Avenue & Las Tunas Drive (SG-5)
- Del Mar Avenue/Mission Road/El Monte Street Reconfiguration (SG-12)
- Transit Service to Light Rail (SG-7)
- Mission Road & Junipero Serra Drive
- Del Mar Avenue/Interstate 10 (SG-13)
- New Avenue/Interstate 10 (SG-13)
- Local Circulator Bus Service (SG-9)
- Valley Boulevard & New Avenue
- Mission Drive & Las Tunas Drive
- Adaptive Signal Control Technology Systems on Valley Blvd & San Gabriel Blvd (SG-14)
- San Gabriel Boulevard & Valley Boulevard
- San Gabriel Boulevard & Marshall Street Realignment (SG-11)
- Valley Boulevard & Del Mar Avenue
- San Gabriel Boulevard & Las Tunas Drive
- First-Mile/Last Mile Improvements (SG-8)
- Walnut Grove Avenue & Grand Avenue (SG-5)
- East Broadway Street (San Gabriel Boulevard to Muscatel Avenue) (SG-3)
- Multimodal Transit Center (SG-6)
- Citywide Bicycle Facilities (SG-4)

2013-2014 Great Streets Improvement Project – City of San Gabriel

Served as *Principal-In-Charge* responsible for overseeing design and construction inspection services to the City of San Gabriel for various high priority rehabilitation projects citywide. The proposed streets for rehabilitation include: Fairview Avenue, North Circle Drive, South Circle Drive, Abbot Avenue, W. Chestnut Avenue, Alley (North), Alley (South), Bradbury Drive, N. Mission Drive and W. Sycamore Drive.

On-Call/Staff Augmentation Municipal Engineering Services – City of Industry

Served as *Technical Advisor* responsible for providing City engineering services to the City of Industry including permitting, plan checking and inspection as well as preparation of studies and design plans for roadway, traffic signal, railroad crossing and rail/highway grade separation projects. These projects/tasks included the following:

- Citywide Traffic Model and CIP Program Dev.
- Citywide Traffic Accident Analysis
- Traffic Management Center Development
- Azusa Avenue Citywide Corridor Improvements
- San Jose Ave. Widening
- Colima Road (Puente Hills Mall) Widening
- Gale/Stoner Traffic Signal Timing Optimization
- Metro Grade Crossing Program
- Fairway Drive Grade Separation
- Puente Avenue Grade Separation
- Citywide Blvd Bus Stop Removal – Various Locations
- Citywide Signing and Striping Maintenance
- Retroreflective Sign Inspection Study
- Citywide Engineering and Traffic Survey Study
- Baker Parkway Traffic Calming

Algis J. Marciuska, MBA, PE

QA/QC Manager

Title
Senior Civil Engineer

Years of Experience
38

Registration
Registered Civil Engineer, CA, #44846

Education

- **M.B.A.**, Business Administration, 1991, California State Polytechnic University, Pomona
- **B.S.**, Civil Engineering, 1986 California State Polytechnic University, Pomona
- **A.S.**, Building Technology, 1982 Don Bosco Technical Institute, Rosemead

Affiliations

- Member, American Society of Civil Engineers
- Member, Institute of Transportation Engineers
- Member, American Public Works Association
- Member, Urban Land Institute
- Life Member, Chi Epsilon, National Civil Engineering Honor Society
- Life Member, Tau Beta Pi, National Engineering Honor Society

Mr. Marciuska has over 38 years of professional engineering experience in the civil engineering profession. He has extensive experience in the design of streets and highways, drainage systems, bridges, culverts, public works facilities, institutional projects, signalization projects, geometric design, land development projects, subdivision mapping, construction surveys, construction engineering, and project management. He has prepared many plans, specifications, estimates, and studies for the County of San Bernardino, San Gabriel Valley cities, County of Los Angeles, County of Orange, and City of San Diego.

Relevant Experience

On-Call Engineering Services – City of Glendora

Serving *Sr. Project Manager* currently providing on-site project management, site development and transportation plan reviews as well as monitoring MS4 drainage requirements. Also, providing design support on the current Metro Gold Line Foothill Extension Project currently in construction within the City of Glendora. This assignment requires coordination with City staff, outside agencies and consultants.

SR-710 North Corridor Mobility Projects – City of San Gabriel

Served as *Principal Engineer* responsible for developing and planning City traffic and transportation TSM/TDM projects to receive SR-710 Mobility Project funding from Metro. Worked with Metro, City Council and Staff, and neighboring cities to develop scope and estimates for multiple projects. Attended meetings and conferences to advocate for project funding. Coordinated project submittals for two rounds of funding consideration.

On-Call Engineering – Guadalupe Park Trail and Rehabilitation – City of La Habra

Served as *QA/QC Manager.* JMD was responsible for conducting final design for the Guadalupe Park Trail Design for Park Rehabilitation Project in the City. The purpose of this improvement project is to encourage the use of active modes of transportation. This park links to the City's UPRR Bikeway Project in UPRR property. This trail is part of the Orange County Loop, a 66-mile multipurpose trail serving 17 cities in the County

Alameda Corridor East San Gabriel Trench Grade Separation Project – City of San Gabriel

Served as *City Project Engineer* responsible for providing planning, environmental review, plan checking, permitting, inspection, construction management and inter-agency coordination for the $300 million project consisting of four grade separations and a 1.5-mile-long trench in the Union Pacific Railroad right of way in the cities of San Gabriel, Alhambra, Rosemead and Los Angeles County unincorporated community of East San Gabriel.

Jack Shah, AIA, MS

Architectural Design

Title
Vice President, Transit Services

Years of Experience
55

Registration
Registered R.A., CA, #30168720

Education
- **M.S.**, Civil Engineering (Transportation and Construction) Drexel University
- **B.A.**, Architecture M.S. University

Affiliations
- American Society of Civil Engineers
- Institute of Transportation Engineers

Mr. Shah has over 55 years of progressive managerial experience with governmental agencies and private organizations in program management, engineering design and construction. A former Manager of Stations for SCRRA, Mr. Shah has overseen the design of over 47 rail stations in Southern California. In addition, he has served as Quality Assurance Officer for various grade separation projects developed by the ACE Construction Authority. Mr. Shah's experience includes extensive involvement in commuter rail stations design, QA/QC, VE, ADA compliance, design and construction management, scheduling software, CAE/CADD, budget preparation, and long-range planning.

Relevant Experience

Staff Augmentation - Public Projects Engineering – SCRRA/Metrolink and LACMTA
Served as Metrolink's *Manager of Stations* responsible for overseeing the design of over 47 rail stations in Southern California including the subject Metrolink Station in the City of Commerce.

Eastside LRT Station Access Project
Serving as *QA/QC Manager* responsible for developing preliminary and final design for various streetscape treatments with the purpose of improving access and promoting aesthetics to the existing Eastside Light Rail Transit Project. Specific improvements include bulbouts at intersections, widened sidewalks, bikeways, traffic signals and lighting as well as hardscape (benches) and landscaping within or near the light rail transit alignment in East Los Angeles in support of a complete streets concept and pedestrian linkage program. The improvements have been coordinated with local stakeholders and require approval and permitting by the City of Los Angeles and Los Angeles County Department of Public Works.

Los Angeles County Metropolitan Transportation Authority (LACMTA) – Los Angeles County
Served as *Project Manager* responsible for managing stations, tunnel, yard and shops design and construction interface. Projects included:

- Metro Red Line – Wilshire/Vermont, 5th and Hill, Civic Center, Wilshire/Western, Hollywood/Vine, and other stations.
- Tunnel through Santa Monica mountains.
- Main Yard and Shops.
- Permit from AQMD for emptying the McArthur Lake for cut and cover concrete box for redline tracks.
- Metro Blue Line – review of final design drawings for 7th and Flower Street Station; limited participation in start-up.
- Metro Green Line – coordinated engineering design of LRT stations and Art-in-Transit work. Wrote Cooperative Agreement criteria between the design consultant and the Artist for Art-in-Transit work. Participated in Design Consultant contract.

Steven Itagaki, PE, TE, PTOE

Traffic and Lighting

Title
Senior Project Manager

Years of Experience
34

Registration
Registered Professional Engineer, CA, #C67470

Registered Traffic Engineer, CA, #TR2394

Registered Professional Traffic Operations Engineer, CA, #2156

Education
- **B.S.**, Civil Engineering, 1991, California State Polytechnic University, Pomona

Affiliations
- American Society of Civil Engineers
- Institute of Transportation Engineers

Mr. Itagaki has over 34 years of civil engineering experience as a Project Manager, Steven has worked on a variety of civil, highway, traffic, rail and transit engineering projects for client cities, outside agencies, private sectors, and California Department of Transportation (Caltrans). Steven has worked on over 20+ traffic projects and has been responsible for managing and preparing plans, specifications and estimates for traffic signal, street lighting, signing, striping and traffic control projects utilizing AutoCAD with AutoTurn, MicroStation, and Lighting Programs AGI32 and Visual. His experience also includes traffic studies and reports utilizing the Highway Capacity Software (HCS), Intersection Capacity Utilization (ICU), Synchro, and SPEEDPLOT.

Relevant Experience

On-Site Traffic Engineering Services – City of El Segundo
Serving as *Project Manager/Sr. Traffic Engineer* providing on-call and staff augmentation services to the City of El Segundo. Tasks include traffic control and operations, speed studies and design for roadways, traffic signals, bicycle and pedestrian facility planning and design, and miscellaneous traffic engineering assistance. The following are projects performed by JMD for the City of El Segundo:

- Rosecrans Avenue Signing and Striping
- Citywide Class 3 Bikeway Design
- City Facilities Signing and Striping
- Sepulveda Blvd Street Name Sign TCP
- Pacific Coast Commons TIA Review
- Street Closure Barrier Assessment
- El Segundo Blvd Parking Pilot Assessment
- Nash Street Plan Check Review

On-Call/Staff Augmentation Municipal Engineering Services – City of San Gabriel
Served as *Lead Design Engineer* responsible for providing on-call traffic engineering services to the City of San Gabriel. Services included study reviews, plan reviews, and special investigations and studies as well as traffic signal and stop control warrant analysis. Reviewing traffic signal, traffic control, and street lighting plans as well as performing special investigations or studies related to safe route to schools including lighting assessments. The following are the projects performed by JMD for the City of San Gabriel:

- 237 East Las Tunas Drive Traffic Study Review
- 860 East Valley Boulevard TIS
- 508 West Las Tunas Drive TIS Review
- 704-712 West Las Tunas Drive ITS
- 825 East Broadway Dialysis Clinic
- 101 East Valley Boulevard TIS
- 420 East Valley Boulevard SS & TS Plan Review

Ivan Salvatierra, PE, TE

Roadway

Title
Senior Project Manager

Years of Experience
19

Registration
Professional Civil Engineer, CA, #83901

Professional Traffic Engineer, CA, #2533

Education
- **B.S.**, Civil Engineering, 2006, California State Polytechnic University, Pomona

Affiliations
- Institution of Transportation Engineers, California

Mr. Salvatierra has over 19 years of civil engineering experience and has worked on a variety of Civil, Traffic, ITS and Rail engineering projects for client cities, outside agencies, and private sectors. Ivan is responsible for management of preparation for studies, reports, design plans, specifications and estimates. His multi-discipline expertise will bring background knowledge to any project from all aspects of design, coordination and construction.

Relevant Experience

On-Call Engineering Services – City of Glendora
Serving as *Sr. Project Engineer* responsible for providing professional on-call engineering services to the City of Glendora on a task order basis. Services include on-site and offsite services including project management, Foothill Goldline design review, plan checking as well as street, traffic and utility design and construction inspection.

On-Call/Staff Augmentation Municipal Engineering Services – City of Industry
Served as *Project Manager* responsible for all ITS management for the city. The County of Los Angeles maintains a wireless traffic signal communication system that coordinated through a central traffic management center. Most of the city's traffic signals are managed through the county's system and coordinated with the city. A city traffic model was being developed to analyze LOS and develop hotspot locations in need of improvement. Tasks included setting up a Traffic Management Center in the city's office, developing a citywide traffic model using Synchro. These projects/tasks included the following:

- Traffic Management Center Development
- Development of Citywide Level of Service Study
- Citywide ITS Solutions Coordination with County of Los Angeles Department of Public Works.
- Development of Citywide Traffic mode

Westside Subway Extension (Purple Line) – Metro
Serving as Civil Design Manager as a part of the lead civil design team responsible for the preparation of Engineering plans for the 9-mile extension of the existing Metro Purple Line Subway. Tasks consist of developing plans for track alignment, tunnel, roadway, worksite traffic control, traffic signal, utility relocations, and temporary roadway decking with excavation support.

Citywide Analysis and High Priority SR-710 North Mitigation Projects – City of San Gabriel
Served as *Project Engineer* responsible for developing citywide level of service, ridership, and cost and priority analysis to define necessary mitigation projects in lieu of a missing SR-710 Gap highway connection between I-10 and I-210 in the City of San Gabriel.

Deepak Solanki

Utility Research & Coordination

Title
Senior Project Engineer

Years of Experience
34

Registration
Engineer-in-Training, #113733

Education
- **B.S.**, Civil Engineering, 1982, M.S., University, Faculty of Technology and Engineering

Affiliations
- American Society of Civil Engineers
- American Railway Engineering and Maintenance of Way Association

Mr. Solanki has over 34 years of experience assisting local agency Land Development Divisions with plan reviews for new developments and has managed numerous Capital Improvement Projects for public works departments. He has extensive experience in the design and plan review of diverse civil engineering projects, such as parks, street, sewer, grading, flood control projects, backbone utility layout and utility relocation. As Project Engineer and Project Manager, he has prepared design plans for single family residential subdivisions, commercial, industrial, educational facilities and Air Force/Naval Base facilities including underground utilities. He is familiar with right of way acquisition research, temporary construction easement documents, legal descriptions/plats, surveying, cost estimates and quantity take-offs.

Relevant Experience

City Engineering Services – City of Brea
Serving as *Plan Reviewer* responsible for plan checking grading and drainage improvement plans for subdivision and food distribution facilities. Responsibilities entail assisting in generating Conditions of Approvals for different commercial, industrial, and Subdivision Projects. Providing review comments for Capital Improvement Projects (CIP), and reviewing plans that involve improvements within the public right-of-way.

On-Call Engineering Services – City of Glendora
Serving *Sr. Project Engineer* responsible for providing professional on-call engineering services to the City of Glendora on a task order basis. Services include on-site and offsite services including project management, plan checking as well as street, traffic and utility design and construction inspection.

FY 16-17 Annual Pavement Rehabilitation – City of Manhattan Beach
Served as *Project Engineer/Construction Manager* responsible for managing a $2.7 Million Citywide Street Improvement Program for the City of Manhattan Beach. Specifically, the scope of work included the reconstruction of roadways throughout the City which included sidewalks, driveway approaches, curb, gutter, cross-gutter, and ADA curb ramps; the complete restoration of roadway structural sections; grind and overlay; local R&R; crack seal and slurry seal; and traffic striping and signage.

Local Streets Rehabilitation Program – Phase I, Zone 24 & Miscellaneous Streets, City Project No. 7924 – City of Norwalk
Served as *Technical Advisor* developed design plans, specifications and estimates for the rehabilitation of several residential streets in the City's Zone 2 in the southeastern portion of the City of Norwalk. The project involved developing pavement design strategies as well as designing street rehabilitation improvements including pavement reconstruction and overlays as well as curb and gutter, sidewalk, driveways, curb ramps, street lighting and traffic signal interfaces. Due to the extremely flat conditions of the area, several ponding areas are being eliminated by adjusting street profiles and providing new compacted subgrade where settlement has occurred. The project involved utility coordination as well as close coordination with the City, local schools and residents in the area.

Frank Sanchez, PE

Construction Management

Title
Senior Project/Construction Manager

Years of Experience
25

Registration
Professional Civil Engineer, CA, #C-61326

Education
- **M.B.A.**, Construction Management, 1998, California State University, Long Beach
- **B.S.,** Civil Engineering, 1994 California State University, Long Beach
- Professional Land Surveying, Santiago Community College

Mr. Sanchez has over 25 years of civil engineering, administration and construction of capital improvement infrastructure experience, Frank has worked on a variety of Civil, Public Works, and Construction Management engineering projects for client cities, public agencies, and private sectors. His multi-discipline expertise will bring background knowledge to any project from all aspects of design, coordination and construction.

Relevant Experience

Construction Management and Inspection for Local Streets Rehabilitation Program – Phase I, Zone 24 & Miscellaneous Streets, City Project No. 7924 – City of Norwalk

Served as *Construction Manager* providing construction management services for the rehabilitation of several residential streets in the City's Zone 24 in the southeastern portion of the City of Norwalk. The project involves developing pavement design strategies as well as designing street rehabilitation improvements including pavement reconstruction and overlays as well as curb and gutter, sidewalk, driveways, curb ramps, street lighting and traffic signal interfaces. Due to the extremely flat conditions of the area, several ponding areas are being eliminated by adjusting street profiles and providing new compacted subgrade where settlement has occurred. The project involves utility coordination as well as close coordination with the City, local schools and residents in the area.

On-Call Engineering Services – City of Downey

Served as *Senior Civil Engineer* responsible for public works projects as related to City of Downey street, utility and development improvements. Managed and administered consultant contracts for design, construction inspection, materials testing, right-of-way acquisition and relocation assistance. Managed and directed junior engineering staff and aids for the development and construction of in house designed street projects.

On-Call Engineering/Staff Augmentation Services – City of South Gate

Served as *Project Manager* responsible for providing on-call project management services for the construction of Capital Improvement Projects (CIP). Tasks included managing, coordinating and corresponding with designers, contractors, utility representatives, City staff and the public at large. Projects under construction and in design included:

- FY 17-18 Citywide Sidewalk Replacement
- Walnut Street Parking Lot Reconstruction Project
- Hildreth Street Traffic Mitigation Project
- Civic Center Exterior Lighting & Wayfinding Signage Improvements
- Police Department Parking Lot Expansion
- Long Beach Boulevard Urban Greening Improvements Project
- Garfield Avenue Complete Streets Project
- FY 18-19 Citywide Sidewalk Replacement Project

On-Call Engineering/Staff Augmentation Services – City of Lynwood

Served as *Project Manager* responsible for providing project management and construction support for Local street rehabilitation projects funded with Measure "R" bond funds. Tasks included reviewing streets for rehabilitation application as well as development of plans specifications and engineering estimates, administration of contracts and construction support services.

Ricardo "Rick" G. Barajas, Sr.

Sr. Construction Inspector

Title
Sr. Construction Inspector

Years of Experience
42

Registrations/Certifications

- Osha courses 10hr / 30hr
- Confined Space Training
- Forklift Certified
- First Aid and CPR
- Defensive Driver Training
- Class "A" License & Medical Card
- Asbestos Cement Pipe Initial Class

Mr. Barajas has over 42 years of professional experience working in the construction industry. He has extensive expertise in quality control management and project safety supervision, and has served as a Los Angeles Department of Water and Power (LADWP) qualifier on multiple projects. Mr. Barajas began his professional career as a laborer in the pipeline industry and quickly advanced to the positions of operator, foreman, and project superintendent. As project superintendent, his primary responsibilities included the safety of employees and the public, (both private and public), the implantation and quality assurance of job specifications, meeting project schedule and financial goals, project documentation, redline drawings, and of daily site activities, scheduling manpower, equipment, and materials, as well as employee training to provide a safe and productive work site. Mr. Barajas is DWP Certified, he has a Class "A" license and a clean Motor Vehicle Record.

Relevant Experience

CONSTRUCTION INSPECTION

- As-Needed Pipeline Inspection Services – Suburban Water Systems – Covina, CA
- Pipeline Replacement at Lanning Dr and Gunn Ave and surrounding streets: (Oval Dr, Ahmann Ave, Rufus Ave, Ben Hur, Mills and Armley) – Suburban Water Systems
- RP-1 Treatment Plant Chlorination Rehabilitation at Etiwanda Ave – Inland Empire Utility Agency, Fontana, CA
- Philadelphia Ave Sewer Manhole Repair – IEUA, Chino, CA
- Pine Ave Recycled Water Valve Replacement from Euclid Ave to Rincon Meadows Ave – Chino, CA
- Napa Street Lateral Recycled Water Pipeline Project – Fontana, CA

CONSTRUCTION (LEAD FOREMAN)

- Highway 58 2-Lane Freeway Widening and Improvements – Caltrans, Riverside, CA

CONSTRUCTION (OPERATOR)

- Metro Purple Line Underground Station Excavations at Crenshaw Blvd, Jefferson Blvd and Exposition Blvd – Los Angeles, CA

CONSTRUCTION (SUPERINTENDENT & SAFETY)

- Metro Purple Line Utility Relocations at Wilshire Blvd from La Brea Ave to Crenshaw Blvd and various side streets – Los Angeles, CA

Shawn Ariannia, PhD, PE, GE

Geotechnical Lead

Geo-Advantec, Inc.
Geotechnical Engineering, Earthquake Engineering, Engineering Geology

Title
Principal Geotechnical Engineer

Years of Experience
39+

Registration
Registered Professional Geotechnical Engineer, CA, #2824

Registered Professional Civil Engineer, CA, #65642

Education
- Ph.D., Geotechnical Engineering, 2015, University of California, Los Angeles (UCLA)
- M.S., Civil Engineering, 1985, University of Tehran
- B.S., Civil Engineering, 1982, University of Tehran

Affiliations
- Member of National Science Review Panel, US
- Past President, ASCE Inland Empire Geotechnical Committee
- Member of Cal Poly Pomona Industry Advisory Committee

Dr. Ariannia has over 39 years of experience in design, supervision, and technical management of projects in structural and geotechnical fields. He has been involved in different types of projects such as transportation/transit, highway/railroad bridges, tunnels, and more. The breadth of his experience includes geotechnical analysis, field and laboratory testing management, slope stability and liquefaction analysis, seismic hazard evaluation, pile and earth retaining structures design, design and implementation of soils and slope stabilization, repair and retrofit methods relevant to soils, foundation, and structural behavior for different types of construction. He has worked on multiple public works projects for cities and municipalities.

Relevant Experience

Geotechnical Testing and Special Inspection for Wilmington Avenue Repaving and Improvements – City of Compton
Served as *Project Manager/Principal Geotechnical Engineer* for this repaving and improvements project. GAI performed all the required geotechnical and materials special inspection services, and also provided the testing laboratory for the project. Our work involved field and batch plant inspection for RHMA; testing and inspection of the subgrade; and sampling and testing of concrete.

Geotechnical Investigation and Field Observation and Testing for Avenida Entrada et al Street Improvement Project – City of San Dimas
Served as *Principal Geotechnical Engineer* for a geotechnical/pavement engineering investigation and performed all geotechnical-related field observation and testing during construction for the rehabilitation and improvement of Avenida Entrada et al. The project rehabilitated the residential areas of Avenida Entrada between Paseo Corrido and Calle Linda, and involved full depth removal and reconstruction (FDRR) of the entire asphalt concrete and base layer, reworking of the subgrade soils, and placing back well-compacted layers of base and asphalt concrete.

Testing Services for the Citywide Pavement Rehabilitation – City of Pomona
Served as *Project Manager/Principal Geotechnical Engineer* for a citywide pavement study for the city's street renovation projects. GAI provided testing services for the construction, including compaction testing for the placement of soil and asphalt; laboratory testing for the placement of asphalt and PCC; and special inspectors to observe and sample the placement and batching of the materials.

Pavement Engineering, Field Inspection and Testing for Washington Boulevard Rehabilitation – City of Commerce
Served as *Principal-In-Charge/Principal Geotechnical Engineer and Pavement Consultant* for the rehabilitation, reconstruction, and widening covering a 2.7-mile-segment of Washington Boulevard between Indiana Street to the Santa Ana (I-5) Freeway. Widening of the boulevard from two lanes to three lanes in each direction was also part of the project scope.

Steve Lang, ASLA

Landscape Architecture

Title
Principal/Landscape Architect

Years of Experience
45+

Registration
Landscape Architect, CA, #1771

Education
- **B.A.,** Landscape Architecture, 1975 University of California, Berkeley

Affiliations
- California Parks & Recreation Society Member
- American Society of Landscape Architecture Member
- U.C.L.A. Extension Landscape Architecture Instructor

Steve Lang is an award-winning landscape architect who has dedicated his career to creating outdoor environments that offer memorable, positive connections for people to each other and to nature. Steve is license in four states and has been working in landscape architecture for over 40 years. His work can be found around schools and sports fields, in forest and downtowns, through plazas and parks and along streets and waterways. Steve has taken hundreds of projects from a concept on paper to a real place on the ground. In addition to his business life, he has been an instructor at UCLA Extension in the Landscape Architecture program since 1999 and has taught hundreds of students from his Introduction to the Profession studio to the final thesis and capstone presentation. Steve has a commitment to improving the Quality of Life through creative landscape design based on grounded environmental principles and welcomed community engagement. He prides himself in being a team player, successfully collaborating with clients and colleagues to produce lasting projects.

Relevant Experience

- Apollo, Golden, Dennis-The-Menace and Wilderness Parks Renovations, City of Downey
- Westlake Village Community Park, Westlake Village
- Moonridge Road Streetscape, Big Bear Lake
- West San Gabriel River Parkway Nature Trail Phase 1, 2 & 3, City of Lakewood
- Pine Avenue Streetscape, City of Long Beach
- Laguna Niguel Regional Park Renovations, City of Laguna Niguel
- Long Beach Transit Gallery, City of Long Beach
- Santa Fe Springs Nature Park Concept Plan, City of Santa Fe Springs
- Anaheim Coves Phases 1 & 2, City of Anaheim
- Anaheim Urban Greening Plan, City of Anaheim
- Big League Dreams Sports Parks, Chino Hills, Manteca, Redding Perris, CA, Las Vegas, NV
- Monte Verde Park Renovation, City of Lakewood
- Port of Long Beach Pier J Bicycle Path, City of Long Beach
- Firestone Boulevard Streetscape and Monument Signage, City of Downey
- Civic Center Plaza, City of Downey
- City Hall Plaza and Veterans Monument, City of Anaheim

:

Christopher Cho, PE, SE

Structures Lead

Title
Senior Engineer

Years of Experience
17

Registration
Registered Civil Engineer, CA, #C74020

Registered Structural Engineer, CA, #S5852

Education
- **B.S.C.E.**, Structural, 2006 University of Southern California, Los Angeles

Affiliations
- American Society of Civil Engineers

Christopher Cho's responsibilities include preparing structural analysis, construction documents and construction administration for new and existing structures and building facilities for both public works and private sector clients. He has experience in the design of buildings, bridges, industrial facilities, water resources structures, and various retaining wall systems.

Relevant Experience

Irvine Boulevard Pedestrian Bridge – City of Irvine
As a part of the development of the Irvine Great Park project, provided PSEs and services during construction for a four span "signature" structural steel bridge crossing over an arterial highway that provides a linkage extending from the Orange County Great Park to the new residential community surrounding the park. This bridge included numerous architectural features with the bridge acting as an entry gateway and monument to the residential community. This project received a "Bridge Project of the Year Award" from the American Society of Civil Engineers, Orange County Branch, and a "BEST Award" from the American Public Works Association, Southern California Chapter.

Baker Ranch Pedestrian Bridge – City of Lake Forest
Provided PSEs and services during construction for a two-span pedestrian bridge over Alton Parkway. The structure connects the two phases of the development through a linear park. A structural steel space frame bent was utilized to support the two prefabricated bridge structures.

Upper Berryessa Creek Flood Risk Management Project – City of Santa Clara County
Provided PSEs for drainage improvements for Berryessa Creek. Improvements included RCBs, rectangular channels, trapezoidal channels and outlet structures. These structures were designed in accordance with the Army Corps of Engineers standards and required additional coordination due to the close proximity to existing features.

Porter Ranch RCB – City of Los Angeles
Provided PSE's for a box culvert at the Porter Ranch development. The box crosses an existing DWP line and special details and design were required to span over the 48" water supply line.

Nuevo Road Bridge Over Perris Valley Channel Replacement – City of Perris
Responsible for the final engineering and design of a two span, cast-in-place, post-tensioned concrete box girder bridge carrying Nuevo Road over Perris Valley Channel. This project included channel improvements, retaining walls, storm drain improvements and other structural improvements. CDA is also providing engineering services during construction.

Joseph Monfreda, LEED AP BD+C

Architectural Design

Title
Senior Project Manager

Years of Experience
26+

Registration
LEED Accredited Professional, Building Design + Construction (BD+C)

Education
- **B.A.** Apologetics
  SGU, Santa Ana, CA
- Architecture Major
  Mt. San Antonio College. Walnut, CA

Affiliations
Member, US Green Building Council

Joe oversees the day-to-day project tasks and is responsible for coordinating project schedules, provide quality assurance, and maintaining successful client relationships. Joe's experience spans over the last 26+ years with managing team and projects from design phase, construction documents, bid, through construction administration and certification. He brings his passion and enthusiasm to each and every project he works on. Joe manages one of the eight offices (the Corona office) of 19six Architects

Relevant Experience

Glendale Central Library Re-roofing Project – City of Glendale
Joe serves as the Project Manager for the City of Glendale's Central Library Re-roofing Project. The project is 50,000 sf. re-roof and mechanical relocation and is currently being worked on in our 19six Corona office. This project has been bid and will be in construction in September of 2023.

Glendale Adult Recreation Center – City of Glendale
Prior to joining 19six Architects, Joe worked on the Glendale Adult Recreation Center. The project completed construction in July 2010. The state-of-the-art facility serves as the central home to the Community Services & Parks Department's senior services section. Multi-Use rooms that provide space for meetings, lectures, classes, luncheons, parties, weddings, and other special events. Upper Courtyard with seating and fireplace. The lower Courtyard is enclosed for security.

Fire Station 26 & 28 Renovations – City of Glendale
Joe serves as the Project Manager for the City of Glendale's Fire Station projects. The city proposed to enlarge the existing fire station kitchen(s) by incorporating an adjacent study room and to create a new office space within an existing mechanical/electrical equipment room. The renovations included a non-bearing partition wall with new electrical, data, and lighting. The combined project areas are approximately 2,494 square feet.

GWP Glendale Water & Power – City of Glendale
Before joining 19six Architects, Joe worked on the City of Glendale's GWP project. The City wanted to build a Stores Building on the GWP campus that would go through the Leadership in Energy and Environmental Design (LEED®) rating process for certification. The project design was completed on August 2009, and the city did not build it.

Commerce City Library – City of Commerce
Before joining 19six Architects, Joe worked on the City of Commerce's City Library. The library received a renovation to the front lobby and selected public areas of the interior spaces, and went through the Leadership in Energy and Environmental Design (LEED®) rating process for certification. The project was completed construction in July 2011.

Ruel del Castillo, PLS

COAST SURVEYING, INC.

Surveying/Mapping

Title
Survey Manager

Years of Experience
58

Registration
Registered Professional Land Surveyor, CA, #4212

Education
- Certificate in Public Administration and major coursework in Land Surveying

Affiliations
- American Council of Engineering Companies
- California Land Surveyors Association – State and Orange County Chapters
- Founder/Former President of Orange County Land Surveyors Association

Mr. del Castillo has 58 years of experience managing both field and office operations for all phases of surveying and mapping services. He has hands-on knowledge of various land surveying services, including right-of-way and boundary surveys and analysis, GPS surveys, topographic surveys, utility location surveys, large-scale aerial and geodetic control, and monitoring quantities.

Relevant Experience

Lankershim Boulevard, San Fernando Valley Green Street Network Evaluation Program – City of Los Angeles
Survey Manager. Coast provided aerial mapping, design survey, and right-of-way survey for a section of Lankershim Boulevard between Chandler Boulevard and Victory Boulevard, a length of 1.5 miles, to support the San Fernando Valley Green Street Network Evaluation Program for LASAN (LA Sanitation). The project also included inspecting sewer/drainage structures and utility research.

Rail to Rail Active Transportation Corridor – City of Los Angeles
Survey Manager. Coast Coast performed a detailed design survey for a multi-use trail that extended from the intersection of West Boulevard and Redondo Boulevard to the intersection of Slauson Avenue and Holmes Avenue, a distance of approximately 6 miles. About 4.5 miles of the survey encompassed roadway and side streets, with the remainder being within rail right of way. Within the section of the project on Slauson Avenue, between Holmes Avenue and Western Avenue, full surveys were made of 18 major intersections to support the design of improved

Ballona Bike Path Access – City of Culver City
Survey Manager. Coast completed a topographic survey to support a new access point of a bike path on Jackson Avenue in Culver City. The survey included spot elevations and breaklines for accurate development of contours at 1-foot intervals with cross-sections surveyed at 50-foot breaks. Other survey items included curbs, gutter, curb ramps, sidewalks, driveways, walkways, trees/tree wells, street furniture, and above-ground utilities.

Lampson Avenue Bike Lane Gap Closure – City of Seal Beach
Survey Manager. The City of Seal Beach applied and received an Active Transportation Program for this bike lane gap closure project. This project will provide a Class II bike lane along Lampson Avenue between Basswood Street and Seal Beach Boulevard, connecting to the existing bike lane along Lampson Avenue from Basswood Street going east. Coast provided a design survey from the intersection of Lampson Avenue and Seal Beach Boulevard to the intersection of Lampson Avenue and Basswood Street, a distance of approximately 3,500 feet. The existing roadway centerline and the right-of-way were mapped within the project area based on recovered survey monumentation and record document information.

FEHR PEERS

Miguel Núñez, AICP

Principal

EDUCATION

Master of Arts, Urban Planning
University of California, Los Angeles, 2007

Bachelor of Arts, Political Science
University of California Los Angeles, 2004

REGISTRATIONS

American Institute of Certified Planners (024917)

EXPERTISE

- Transit Planning
- Long-range Multimodal Transportation Planning
- Parking Studies
- Bicycle and Pedestrian Planning
- Multimodal Corridor Planning
- Land Use and Transportation
- Multi-ethnic Community Engagement
- Traffic Analysis

ABOUT

Miguel Núñez has over 16 years of experience in transportation planning, with areas of expertise in pedestrian and bicycle planning, complete streets, and multi-modal planning. Miguel managed Fehr & Peers' efforts on the I-710 Livability Initiative, the Downey Active Transportation Plan, the People St Evaluation effort, the Huntington Park Complete Streets Plan, and General Plans for the Cities of Cudahy, Whittier, and Carson, all focused on implementable improvements and strategies for enhancing mobility and safety for all road users. Through his experience working on projects with a multi-modal emphasis, complex and controversial traffic impact studies, and numerous regional transportation plans, Miguel has helped a wide range of communities expand transport options for their stakeholders. He has managed pedestrian safety assessments throughout California and presents at industry conferences on emerging and innovative multi-modal practices.

PROJECT EXPERIENCE

- Pico Rivera SB 743 Implementation Services (Pico Rivera, CA)
- Whittier General Plan and SB743 Implementation (Whitter, CA)
- Gateway Cities Council of Governments Climate Action Plan (Gateway Cities, CA)
- I-710 Livability Initiative (Gateway Cities, CA)
- City of Downey "Walk Downey" Citywide Pedestrian Plan (Downey, CA)
- City of Downey Citywide Bicycle Master Plan (Downey, CA)
- City of Carson General Plan & SB743 Implementation (Carson, CA)
- Westside Mobility Active Transportation Corridors (City of Los Angeles
- Downtown Glendora Parking Study (Glendora, CA)
- Burbank Media Studios Transportation Analysis (Burbank, CA)
- City of Cudahy General Plan (Cudahy, CA)
- Metro Active Transportation First/Last Mile Planning & Design (Los Angeles, CA)

APPENDIX C
NON-COLLUSION AFFIDAVIT

The undersigned declares states and certifies that:

1. This Proposal is not made in the interest of, or on behalf of any undisclosed person, partnership, company, association, organization or corporation. This Proposal is genuine and not collusive or sham.

2. I have not directly or indirectly induced or solicited any other Proposer to put in a false or sham proposal and I have not directly or indirectly colluded, conspired, connived, or agreed with any other Proposer or anyone else to put in sham proposal or to refrain from submitting to this RFP.

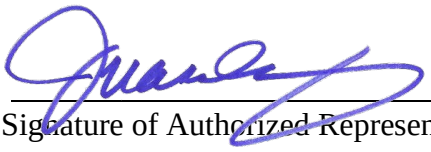
3. I have not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the proposal price or to fix any overhead, profit or cost element of the proposal price or to secure any advantage against the City of Pico Rivera or of anyone interested in the proposed contract.

4. All statements contained in the Proposal and related documents are true.

5. I have not directly or indirectly submitted the proposal price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay any fee to any person, corporation, partnership, company, association, organization, RFP depository, or to any member or agent thereof to effectuate a collusive or sham proposal.

6. I have not entered into any arrangement or agreement with any City of Pico Rivera public officer in connection with this proposal.

7. I understand collusive bidding is a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards.



Signature of Authorized Representative

Juan M. Diaz, MBA, PE	President/CEO
Name of Authorized Representative	Title of Authorized Representative

EXHIBIT B
APPROVED FEE SCHEDULE

(SCHEDULE OF HOURLY LABOR RATES AND REIMBURSABLE)

VI. Schedule of Hourly Rates

JMD Hourly Rates

Effective January 1, 2024 through December 31, 2027

Professional

Sr. Project Manager/Principal	$220.00
QA/QC Manager	$210.00
Sr. Project Engineer - Traffic	$200.00
Sr. Project Engineer - Civil	$190.00
Technical Advisor	$180.00
Associate Engineer/Plan Checker	$160.00
Project Coordinator	$130.00
Analyst	$120.00
Project Administrator	$110.00
Sr. Design Engineer	$105.00
Design Engineer	$100.00
Drafter	$85.00
Intern	$60.00

Administrative

Administrative/Clerical	$85.00

Reimbursable Costs

Photo Copies (B&W)	$0.12/Each
Photo Copies (Color)	$0.39/Each
Bond Prints (24”x36”)	$3.00/Each
Mileage**	$0.67/Mile

*** Rates are effective January 1, 2024 through December 31, 2027 as noted above.**
**** Mileage rate per IRS.**

HOURLY BILLING RATES - 19six ARCHITECTS

19six Architects prefers to work on a lump sum fee based upon a mutually agreeable scope of work. All overhead, profit, labor, materials, administrative, travel expenses, and parking will be built into any fee agreement and not billed as reimbursable expenses. We have provided our hourly rates below for reference.

19SIX ARCHITECTS	nineteensix 196 ARCHITECTS
Principal III	$345
Principal II	$328
Principal I / Principal IV	$310
LEED Accredited Professional III	$328
Associate Principal	$264
Market Sector Leader / Studio Director	$253
Associate Market Sector Leader / Associate Director	$247
LEED Accredited Professional II	$247
Specifications Writer	$247
Architect III / Senior Project Manager / Senior Structural Engineer	$241
LEED Accredited Professional I	$207
Architect II / Project Manager II / Project Engineer	$207
Architect I / Project Manager I / Structural Designer I / Civil Engineer I / Interior Designer I	$178
Graphics II	$178
Design Professional III / Job Captain	$155
Closeout Specialist / Project Administrator	$166
Design Professional II	$138
Graphics I	$143
Design Professional I	$120
Administrative Staff I	$115
Technical Staff	$103

Overtime Rate: Time & One-Half
Note: 19six Architects reserves the right to adjust hourly rates every six months to meet economic conditions.

Our hourly rates are fully burdened. For hourly services with reimbursables, our reimbursable schedule is:

Printing
24x36 bw: $2.00 / sheet
30 x 42 bw: $2.50 / sheet
24 x 36 color: $4.00 / sheet
30 x 42 color: $5.00 / sheet

Copying
8-1/2 x 11 bw: $0.10 ea
11 x 17 bw: $0.25 ea
8-1/2 x 11 color: $0.20 ea
11 x 17 color: $0.50 ea

Other Reimbursables
Mileage: $0.58 / mile
Plan Review Fees: actual cost +15%
Courier Service: actual cost +15%
Lodging, parking & meals: actual cost +15%

California Consulting, Inc.

FEE SCHEDULE – HOURLY RATES
Effective January 1, 2024 to December 31, 2027

California Consulting can also offer full-service grant writing services for hourly and per grant application services as detailed in this Request for Proposal at the rate of $150.00 per hour plus reimbursement of reimbursable expenses.

Pricing Option 1 – Hourly Rate

Staff Name/Position	Hourly Rate
Danielle Sotelo, Ashley Ramsey, David Marquez, Karen Simpson, Michelle Ferguson, Karen Leventhal– Project Managers	$150.00 per hour
***Reimbursable Expenses**	**Rates**
Mileage	Current 2024 IRS Rate
Travel Expenses (Tolls, Lodging)	Cost
Copies	$0.20 per page (Black/White) $0.40 per page (Color)
Courier Service	Cost
Postage, Binding, Conference Calls, Overnight Courier	Cost

All grant writing assignments will be quoted at the hourly rate and the client may specify a "not to exceed" amount.

Grant research, grant identification/tracking, and grant administration, including post-award compliance, can be provided at an hourly rate of $150.00. For these services at an hourly rate, the client may specify a "not to exceed" amount.

CHO DESIGN ASSOCIATES, INC.

CITY OF PICO RIVERA
2024 ON-CALL PROGRAM

FEE SCHEDULE

Effective January 1, 2024

Principal Engineer/Project Manager	$ 235.00/Hr
Project/Senior Engineer	$ 210.00/Hr
CADD Technician/Draftsperson	$ 160.00/Hr
Word Processing/Clerical	$ 85.00/Hr

Reproductions, deliveries, and other reimbursable items will be billed at our cost.

These rates will be guaranteed for the entire 5 year contract term.

The hourly rates above apply to all structural engineering tasks including but not limited to research, specification writing, meeting attendance and presentations, presentation preparation, engineering studies, calculation preparation, plan preparation, estimate preparation, printing, consultation, and any other related task required to fulfill project and/or product requirements.

Coast Surveying, Inc.

FEE SCHEDULE – HOURLY RATES
Effective January 1, 2024 to December 31, 2027

SCHEDULE OF HOURLY RATES

Principal-in-Charge, PLS	**$287.00**
Survey Manager, PLS	**$228.00**
Project Surveyor, PLS	**$198.00**
Field Coordinator	**$180.00**
Survey Technician	**$151.00**
2 Person Survey Party w/Equipment	**$340.00**

These hourly rates are effective for a five-year period from date of award.

Coast is signatory with Local 12, Operating Engineers, and will follow the Union rules concerning the payment of Regular Rates, Overtime Rates, and Double Time Rates.

Overtime rates are payable at 1.25 times the regular rate in effect at that time.

Double time rates are payable at 1.50 times the regular rate in effect at that time.

Costs for monuments, prints, research materials, and other incidental or special supplies will be billed at cost.

Client: JM Diaz
Agency: City of Pico Rivera
Project: On Call Engineering Services
Scope of Services: Right of Way Acquisition
Date Submitted: 1/24/2024
Prepared by: C Sinclair

OH		Profit
164.93%		10%

2023 Labor Rates **FYE 2020**

Title/Classification	Direct Labor	OH	Profit	Fully-Loaded Rate
Senior Advisory Manager	$ 75.96	164.93%	10%	**$221.36**
Advisory Manager	$ 60.10	164.93%	10%	**$175.15**
Senior Project Manager	$ 57.69	164.93%	10%	**$168.12**
Project Manager	$ 48.08	164.93%	10%	**$140.12**
Assistant Project Manager	$ 43.27	164.93%	10%	**$126.10**
Senior Right of Way Agent	$ 38.00	164.93%	10%	**$110.74**
Right of Way Agent	$ 32.21	164.93%	10%	**$93.87**
Right of Way Agent	$ 31.61	164.93%	10%	**$92.12**
Administrative Support	$ 28.85	164.93%	10%	**$84.08**
Budget & Financial Controls	$ 40.87	164.93%	10%	**$119.10**

The rates above reflect the direct salary rates for individuals that are currently anticipated to participate in work under this contract. The actual rate billed shall be based on the direct salary of the individual having performed the work, plus overhead and profit . These rates will be re-calculated at the beginning of each calendar year.

Staff billing rates provided include the Federal Acquisition Regulations (FAR) approved overhead rate for Epic Land Solutions, Inc. and are suitable for state and federally funded projects.

If the NTP is received after 120 days from this proposal, fees and billing rates may require revision.

Other Direct Costs	Rate
Mileage	At IRS Allowable
Postage/Overnight Delivery	At Cost
Property Ownership and Tenant Data	At Cost
Outside Services (Vendors & Subconsultants)	At Cost

FEHR PEERS

2023-2028

(July 2023 through June 2028)

Hourly Billing Rates

Classification	**Hourly Rate**		
Principal	$250.00	-	$380.00
Senior Associate	$210.00	-	$310.00
Associate	$185.00	-	$275.00
Senior Engineer/Planner	$160.00	-	$235.00
Engineer/Planner	$130.00	-	$200.00
Senior Engineering Technician	$150.00	-	$225.00
Senior Project Accountant	$170.00	-	$210.00
Senior Project Coordinator	$130.00	-	$215.00
Project Coordinator	$115.00	-	$175.00
Technician	$120.00	-	$185.00
Intern	$100.00	-	$135.00

- *Other Direct Costs / Reimbursable expenses are invoiced at cost plus 10% for handling.*
- *Personal auto mileage is reimbursed at the then current IRS approved rate (67 cents per mile as of Jan 2024).*
- *Voice & Data Communications (Telephone, fax, computer, e-mail, etc.) are invoiced at cost as a percentage of project labor.*

Fehr & Peers reserves the right to change these rates at any time with or without advance notice.

Geo-Advantec, Inc.

FEE SCHEDULE – HOURLY RATES

Effective January 1, 2024 to December 31, 2027

Principal Geotechnical Engineer	$250.00
Principal Engineering Geologist	$250.00
Senior Project Engineer	$200.00
Staff Engineer	$150.00
GIS Technician	$150.00
Laboratory Manager	$125.00
Drafter/CAD Technician	$90.00
Senior Engineer/Registered Geotechnical Engineer	$200.00
Senior Field Engineer/Field Operation Manager	$150.00
Senior Lab Technician	$110.00
Senior Field Technician	$150.00

MIG Hourly Rates 2024 – 2028

CLASSIFICATION	FIVE YEAR AVERAGE
Principal	$250
Senior Project Manager	$215
Project Manager	$205
Deputy Project Manager	$145
Landscape Architect	$150
Irrigation Designer	$180
Project Associate	$140
Senior Project Accountant	$190
Project Administrative Support	$115

Schedule of Fees

Hourly Charges for Personnel

Professional Staff

Principal Engineer/Geologist/Environmental Scientist/Certified Industrial Hygienist	$ 250
Senior Engineer/Geologist/Environmental Scientist	$ 235
Senior Project Engineer/Geologist/Environmental Scientist	$ 220
Project Engineer/Geologist/Environmental Scientist	$ 210
Senior Staff Engineer/Geologist/Environmental Scientist	$ 200
Staff Engineer/Geologist/Environmental Scientist	$ 180
GIS Analyst	$ 160
Technical Illustrator/CAD Operator	$ 140

Field Staff

Certified Asbestos/Lead Technician	$ 220
Field Operations Manager	$ 150
Nondestructive Examination Technician (UT, MT, LP)	$ 145
Supervisory Technician	$ 140
Special Inspector (Concrete, Masonry, Structural Steel, Welding, and Fireproofing)	$ 135
Senior Technician	$ 135
Technician	$ 130

Administrative Staff

Information Specialist	$ 120
Geotechnical/Environmental/Laboratory Assistant	$ 120
Data Processor	$ 95

Other Charges

Concrete Coring Equipment (includes technician)	$ 190/hr
Anchor Load Test Equipment (includes technician)	$ 190/hr
GPR Equipment	$ 180/hr
Inclinometer	$ 100/hr
Hand Auger Equipment	$ 80/hr
Rebar Locator (Pachometer)	$ 25/hr
Vapor Emission Kit	$ 65/kit
Field Equipment	$ 12/hr
X-Ray Fluorescence	$ 70/hr
PID/FID	$ 25/hr
Air Sampling Pump	$ 10/hr
Field Vehicle	$ 15/hr
Expert Witness Testimony	$ 450/hr
Direct Expenses	Cost plus 15 %

Special equipment charges will be provided upon request.

Notes

For field and laboratory technicians and special inspectors, overtime rates at 1.5 times the regular rates will be charged for work performed in excess of 8 hours in one day Monday through Friday and all day on Saturday. Rates at twice the regular rates will be charged for all work in excess of 12 hours in one day, all day Sunday and on holidays.

Field technician and special inspection hours are charged at a 4-hour minimum, and 8-hour minimum for hours exceeding 4 hours.

Invoices are payable upon receipt. A service charge of 1.5 percent per month may be charged on accounts not paid within 30 days.

Our rates will be adjusted in conjunction with the increase in the Prevailing Wage Determination during the life of the project, as applicable.

EXHIBIT C
TERMS FOR COMPLIANCE WITH CALIFORNIA LABOR LAW REQUIREMENTS

1. This Agreement calls for services that, in whole or in part, constitute "public works" as defined in Division 2, Part 7, Chapter 1 (commencing with Section 1720) of the California Labor Code ("Chapter 1"). Further, Consultant acknowledges that this Agreement is subject to (a) Chapter 1 and (b) the rules and regulations established by the Department of Industrial Relations ("DIR") implementing such statutes. Therefore, as to those Services that are "public works", Consultant shall comply with and be bound by all the terms, rules and regulations described in 1(a) and 1(b) as though set forth in full herein.

2. California law requires the inclusion of specific Labor Code provisions in certain contracts. The inclusion of such specific provisions below, whether or not required by California law, does not alter the meaning or scope of Section 1 above.

3. Consultant shall be registered with the Department of Industrial Relations in accordance with California Labor Code Section 1725.5, and has provided proof of registration to City prior to the Effective Date of this Agreement. Consultant shall not perform work with any subconsultant that is not registered with DIR pursuant to Section 1725.5. Consultant and subconsultants shall maintain their registration with the DIR in effect throughout the duration of this Agreement. If the Consultant or any subconsultant ceases to be registered with DIR at any time during the duration of the project, Consultant shall immediately notify City.

4. Pursuant to Labor Code Section 1771.4, Consultant's Services are subject to compliance monitoring and enforcement by DIR. Consultant shall post job site notices, as prescribed by DIR regulations.

5. Pursuant to Labor Code Section 1773.2, copies of the prevailing rate of per diem wages for each craft, classification, or type of worker needed to perform the Agreement are on file at City Hall and will be made available to any interested party on request. Consultant acknowledges receipt of a copy of the DIR determination of such prevailing rate of per diem wages, and Consultant shall post such rates at each job site covered by this Agreement.

6. Consultant shall comply with and be bound by the provisions of Labor Code Sections 1774 and 1775 concerning the payment of prevailing rates of wages to workers and the penalties for failure to pay prevailing wages. The Consultant shall, as a penalty to City, forfeit $200.00 for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the DIR for the work or craft in which the worker is employed for any public work done pursuant to this Agreement by Consultant or by any subconsultant.

7. Consultant shall comply with and be bound by the provisions of Labor Code Section 1776, which requires Consultant and each subconsultant to: keep accurate payroll records and verify such records in writing under penalty of perjury, as specified

in Section 1776; certify and make such payroll records available for inspection as provided by Section 1776; and inform City of the location of the records.

8. Consultant shall comply with and be bound by the provisions of Labor Code seq. concerning the employment of apprentices on public works projects. Consultant shall be responsible for compliance with these aforementioned Sections for all apprenticeable occupations. Prior to commencing work under this Agreement, Consultant shall provide City with a copy of the information submitted to any applicable apprenticeship program. Within 60 days after concluding work pursuant to this Agreement, Consultant and each of its subconsultants shall submit to City a verified statement of the journeyman and apprentice hours performed under this Agreement.

9. The Consultant shall not perform Work with any Subconsultant that has been debarred or suspended pursuant to California Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. The Consultant and Subconsultants shall not be debarred or suspended throughout the duration of this Contract pursuant to Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. If the Consultant or any subconsultant becomes debarred or suspended during the duration of the project, the Consultant shall immediately notify City.

10. Consultant acknowledges that eight hours labor constitutes a legal day's work. Consultant shall comply with and be bound by Labor Code Section 1810. Consultant shall comply with and be bound by the provisions of Labor Code Section 1813 concerning penalties for workers who work excess hours. The Consultant shall, as a penalty to City, forfeit $25.00 for each worker employed in the performance of this Agreement by the Consultant or by any subconsultant for each calendar day during which such worker is required or permitted to work more than eight hours in any one calendar day and 40 hours in any one calendar week in violation of the provisions of Division 2, Part 7, Chapter 1, Article 3 of the Labor Code. Pursuant to Labor Code section 1815, work performed by employees of Consultant in excess of eight hours per day, and 40 hours during any one week shall be permitted upon public work upon compensation for all hours worked in excess of eight hours per day at not less than one and one-half times the basic rate of pay.

11. California Labor Code Sections 1860 and 3700 provide that every employer will be required to secure the payment of compensation to its employees. In accordance with the provisions of California Labor Code Section 1861, Consultant hereby certifies as follows:

> "I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract."

12. For every subconsultant who will perform work on the project, Consultant shall be responsible for such subconsultant's compliance with Chapter 1 and Labor Code Sections 1860 and 3700, and Consultant shall include in the written contract between it and each subconsultant a copy of those statutory provisions and a requirement that each subconsultant shall comply with those statutory provisions. Consultant shall be required to take all actions necessary to enforce such contractual provisions and ensure subconsultant's compliance, including without limitation, conducting a periodic review of the certified payroll records of the subconsultant and upon becoming aware of the failure of the subconsultant to pay his or her workers the specified prevailing rate of wages. Consultant shall diligently take corrective action to halt or rectify any failure.

13. To the maximum extent permitted by law, Consultant shall indemnify, hold harmless and defend (at Consultant's expense with counsel reasonably acceptable to City) City, its officials, officers, employees, agents and independent consultants serving in the role of City officials, and volunteers from and against any demand or claim for damages, compensation, fines, penalties or other amounts arising out of or incidental to any acts or omissions listed above by any person or entity (including Consultant, its subconsultants, and each of their officials, officers, employees and agents) in connection with any work undertaken or in connection with the Agreement, including without limitation the payment of all consequential damages, attorneys' fees, and other related costs and expenses. All duties of Consultant under this Section shall survive the termination of the Agreement.

AGREEMENT NO. _____
PROFESSIONAL SERVICES AGREEMENT
BETWEEN THE CITY OF PICO RIVERA AND
CORDOBA CORPORATION

1. IDENTIFICATION

THIS PROFESSIONAL SERVICES AGREEMENT ("Agreement") is entered into by and between the City of Pico Rivera, a California municipal corporation ("City") and Cordoba Corporation, ("Consultant"). City and Consultant are sometimes hereinafter individually referred to as a "Party" and collectively referred to as "Parties."

2. RECITALS

2.1 City has determined that it requires professional services from a consultant to provide on-call engineering services.

2.2 Consultant represents that it is fully qualified to perform such professional services by virtue of its experience and the training, education and expertise of its principals and employees. Consultant further represents that it is willing to accept responsibility for performing such services in accordance with the terms and conditions set forth in this Agreement.

NOW, THEREFORE, for and in consideration of the performance by the Parties of the mutual covenants and conditions herein contained, the Parties hereto agree as follows:

3. DEFINITIONS

3.1 "Scope of Services": Such professional services as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "A" and incorporated herein by this reference.

3.2 "Approved Fee Schedule": Such compensation rates as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "B."

3.3 "Commencement Date" : April 23, 2024

3.4 "Expiration Date" : June 30, 2029

4. TERM

The term of this Agreement shall commence at 12:00 a.m. on the Commencement Date and shall expire at 11:59 p.m. on the Expiration Date unless extended by written agreement of the Parties or terminated in accordance with Section 22 below.

5. CONSULTANT'S SERVICES

5.1 Consultant shall perform the services identified in the Scope of Services. City shall have the right to request, in writing, changes in the Scope of Services. Any such changes mutually agreed upon by the Parties, and any corresponding increase or decrease in compensation, shall be incorporated by written amendment to this Agreement. In no event shall the total compensation and costs payable to Consultant under this Agreement exceed the sum of Two Million Five Hundred Thousand Dollars ($2,500,000.00), unless specifically approved in advance, in writing, by City.

5.2 Consultant shall perform all work to the highest professional standards of Consultant's profession and in a manner reasonably satisfactory to City.

6. COMPENSATION

6.1 City agrees to compensate Consultant for the services provided under this Agreement, and Consultant agrees to accept in full satisfaction for such services, payment in accordance with the Approved Fee Schedule.

6.2 Consultant shall submit to City an invoice, on a monthly basis or less frequently, for the services performed pursuant to this Agreement. Each invoice shall itemize the services rendered during the billing period and the amount due. Within ten (10) business days of receipt of each invoice, City shall notify Consultant in writing of any disputed amounts included on the invoice. Within thirty (30) calendar days of receipt of each invoice, City shall pay all undisputed amounts included on the invoice. City shall not withhold applicable taxes or other authorized deductions from payments made to Consultant.

6.3 Payments for any services requested in writing by City and not included in the Scope of Services shall be made to Consultant by City on a time-and-materials basis using Consultant's standard fee schedule. Fees for such additional services shall be paid within sixty (60) days of the date Consultant issues an invoice to City for such services.

7. BUSINESS LICENSE

Consultant shall obtain a City of Pico Rivera business license prior to commencing performance under this Agreement.

8. COMPLIANCE WITH LAWS

Consultant shall keep informed of State, Federal and Local laws, ordinances, codes and regulations that in any manner affect those employed by it or in any way affect the performance of its services pursuant to this Agreement. Consultant shall at all times comply with such laws, ordinances, codes and regulations. Without limiting the generality

of the foregoing, if Consultant is an out-of-state corporation or LLC, it must be qualified and registered to do business in the State of California pursuant to sections 2105 and 17708.02 of the California Corporations Code. The City, its officers and employees shall not be liable at law or in equity occasioned by failure of Consultant to comply with this Section.

9. CONFLICT OF INTEREST

Consultant covenants that it presently has no interest and shall not acquire any interest, direct or indirect, which may be affected by the services to be performed by Consultant under this Agreement, or which would conflict in any manner with the performance of its services hereunder. During the term of this Agreement, Consultant shall not perform any work for another person or entity for whom Consultant was not working at the Commencement Date of this Agreement if both: (i) such work would require Consultant to abstain from a decision under this Agreement pursuant to a conflict of interest statute; and (ii) City has not consented in writing prior to Consultant's performance of such work.

10. PERSONNEL

Consultant represents that it has, or will secure at its own expense, all personnel required to perform the services identified in the Scope of Services. All such services shall be performed by Consultant or under its supervision, and all personnel engaged in the work shall be qualified to perform such services. Consultant reserves the right to determine the assignment of its own employees to the performance of Consultant's services under this Agreement, but City reserves the right, for good cause, to require Consultant to exclude any employee from performing services on City's premises. Terry Nash, Project Manager, shall be Consultant's project administrator and shall have direct responsibility for management of Consultant's performance under this Agreement. No change shall be made to Consultant's project administrator without City's prior written consent.

11. OWNERSHIP OF WRITTEN PRODUCTS

All reports, documents or other written material ("written products") developed by Consultant in the performance of this Agreement shall be and remain the property of City without restriction or limitation upon its use or dissemination by City. Consultant may take and retain copies of such written products as desired, but no such written products shall be the subject of a copyright application by Consultant. If any state, federal, or local law requires mandatory copyright protection for Consultant's work product, City shall comply with such laws to the extent feasible.

12. INDEPENDENT CONTRACTOR

12.1 Consultant is, and shall at all times remain as to City, a wholly independent contractor. Consultant shall have no power to incur any debt, obligation, or liability on behalf of City or otherwise to act on behalf of City as an agent. Neither City nor any of its officers, employees or agents shall have control over the conduct of Consultant or any of Consultant's employees, except as set forth in this Agreement. Consultant shall not at any time represent that it is, or that any of its agents or employees are, in any manner employees of City.

12.2 The Parties further acknowledge and agree that nothing in this Agreement shall create or be construed to create a partnership, joint venture, employment relationship, joint-employer relationship, or any other relationship between Consultant or Consultant's employees except as set forth in this Agreement.

12.3 City shall have no direct or indirect control over Consultant's employees or sub-consultants with respect to wages, hours, and working conditions. In addition, City shall not deduct from the Compensation paid to Consultant any sums required for Social Security, withholding taxes, FICA, state disability insurance or any other federal, state or local tax or charge which may or may not be in effect or hereinafter enacted or required as a charge or withholding on the compensation paid to Consultant, Consultant's employees or subconsultants. City shall have no responsibility to provide Consultant, its employees or subconsultants with workers' compensation insurance or any other insurance.

12.4 The Parties further acknowledges the following: (i) that Consultant shall provide the services outlined in the Scope of Services directly to City; (ii) Consultant maintains a business location at the address listed under Section 20 that is separate and distinct from the City; (iii) Consultant contracts with other businesses to provide the same or similar services and maintains a clientele without restriction from the City; (iv) Consultant advertises and holds itself out to the public as available to provide the same or similar services; (v) unless otherwise specified in this Agreement, Consultant provides its own tools, vehicles, and equipment necessary for performing the Scope of Services; (vi) Consultant has proposed and negotiated its own rates; and (vii) consistent with the nature and demands of the project and the City's business hours, Consultant may set its own hours and location of work.

13. CONFIDENTIALITY

All data, documents, discussion, or other information developed or received by Consultant or provided for performance of this Agreement are deemed confidential and shall not be disclosed by Consultant without prior written consent by City. City shall grant such consent if disclosure is legally required. Upon request, all City data and any copies thereof shall be returned to City upon the termination or expiration of this Agreement.

14. NON-LIABILITY OF CITY OFFICIALS AND EMPLOYEES

No official or employee of the City shall be personally liable to Consultant in the event of any default or breach by City, or for any amount which may become due to Consultant.

15. INDEMNIFICATION

15.1 The Parties agree that City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers should, to the extent permitted by law, be fully protected from any loss, injury, damage, claim, lawsuit, cost, expense, attorneys' fees, litigation costs, or any other cost arising out of or in any way related to the performance of this Agreement. Accordingly, the provisions of this indemnity provision are intended by the Parties to be interpreted and construed to provide the fullest protection possible under the law to City. Consultant acknowledges that City would not enter into this Agreement in the absence of Consultant's commitment to indemnify and protect City as set forth herein. Notwithstanding the foregoing, to the extent Consultant's services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.2 To the full extent permitted by law, Consultant shall indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant or any of its officers, employees, servants, agents, or subconsultants in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees. Notwithstanding the foregoing, to the extent Consultant's Services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.3 City shall have the right to offset against the amount of any compensation due Consultant under this Agreement any amount due to City from Consultant as a result of Consultant's failure to pay City promptly any indemnification arising under this Section 15 or related to Consultant's failure to either: (i) pay taxes on amounts received pursuant to this Agreement or (ii) comply with applicable workers' compensation laws.

15.4 The obligations of Consultant under this Section 15 will not be limited by the provisions of any workers' compensation act or similar act. Consultant expressly waives

its statutory immunity under such statutes or laws as to City, its officers, agents, employees and volunteers.

15.5 Consultant agrees to obtain executed indemnity agreements with provisions identical to those set forth here in this Section 15 from each and every subconsultant or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. In the event Consultant fails to obtain such indemnity obligations from others as required herein, Consultant agrees to be fully responsible and indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant's subconsultants or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees.

15.6 City does not, and shall not, waive any rights that it may possess against Consultant because of the acceptance by City, or the deposit with City, of any insurance policy or certificate required pursuant to this Agreement. This hold harmless and indemnification provision shall apply regardless of whether or not any insurance policies are determined to be applicable to the claim, demand, damage, liability, loss, cost or expense.

15.7 **PERS ELIGIBILITY INDEMNITY.** In the event that Consultant or any employee, agent, or subconsultant of Consultant providing services under this Agreement claims or is determined by a court of competent jurisdiction or the California Public Employees Retirement System (PERS) to be eligible for enrollment in PERS as an employee of the City, Consultant shall indemnify, defend, and hold harmless City for the payment of any employee and/or employer contributions for PERS benefits on behalf of Consultant or its employees, agents, or subconsultants, as well as for the payment of any penalties and interest on such contributions, which would otherwise be the responsibility of City.

Notwithstanding any other agency, state or federal policy, rule, regulation, law or ordinance to the contrary, Consultant and any of its employees, agents, and subconsultants providing service under this Agreement shall not qualify for or become entitled to, and hereby agree to waive any claims to, any compensation, benefit, or any incident of employment by City, including but not limited to eligibility to enroll in PERS as an employee of City and entitlement to any contribution to be paid by City for employer contribution and/or employee contributions for PERS benefits.

16. INSURANCE

16.1 During the term of this Agreement, Consultant shall carry, maintain, and keep in full force and effect insurance against claims for death or injuries to persons or damages to property that may arise from or in connection with Consultant's performance of this Agreement. Such insurance shall be of the types and in the amounts as set forth below:

16.1.1 Comprehensive general liability, and Umbrella or Excess Liability Insurance covering all operations by or on behalf of Consultant providing insurance for bodily injury liability and property damage liability for the following and including coverage for:

16.1.1.1 Premises, operations, and mobile equipment

16.1.1.2 Products and completed operations

16.1.1.3 Broad form property damage (including completed operations)

16.1.1.4 Explosion, collapse, and underground hazards

16.1.1.5 Personal Injury

16.1.1.6 Contractual liability

in the amount of One Million Dollars ($1,000,000) per occurrence combined single limit; Two Million Dollars ($2,000,000) aggregate for products/completed operation; Two Million Dollars ($2,000,000) general aggregate (General aggregate must apply separately to Consultant's work under this Agreement.); and Five Million Dollars ($5,000,000) umbrella or excess liability.

16.1.2 Automobile Liability Insurance for owned, hired and non-owned vehicles utilized by Consultant, its employees or subconsultants, in the amount of One Million Dollars ($1,000,000) per accident for bodily injury and property damage.

16.1.3 Worker's Compensation Insurance as required by the laws of the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than One Million Dollars ($1,000,000) per accident for bodily injury or disease.

16.1.4 Professional Liability Insurance against errors and omissions in the performance of the work under this Agreement with coverage limits of not less than One Million Dollars ($1,000,000) per occurrence of claim/ Two Million Dollars ($2,000,000) in the aggregate.

16.2 Consultant shall require each of its subconsultants, if any, to maintain insurance coverage that meets all of the requirements of this Agreement.

16.3 The policy or policies required by this Agreement shall be issued by an insurer admitted in the State of California and with a rating of at least A:VII in the latest edition of Best's Insurance Guide.

16.4 Consultant agrees that if it does not keep the aforesaid insurance in full force and effect City may either: (i) immediately terminate this Agreement; or (ii) take out the necessary insurance and pay, at Consultant's expense, the premium thereon.

16.5 At all times during the term of this Agreement, Consultant shall maintain on file with City's Risk Manager a certificate or certificates of insurance showing that the aforesaid policies are in effect in the required amounts and, for the general liability and automobile liability policies, naming the City as an additional insured. Consultant shall, prior to commencement of work under this Agreement, file with City's Risk Manager such certificate(s).

16.6 Consultant shall provide proof that policies of insurance required herein expiring during the term of this Agreement have been renewed or replaced with other policies providing at least the same coverage. Consultant shall provide such proof to City at least two weeks prior to the expiration of the coverages.

16.7 The general liability and automobile policies of insurance required by this Agreement shall contain an endorsement naming City, its officers, employees, agents and volunteers as additional insureds. All of the policies required under this Agreement shall contain an endorsement providing that the policies cannot be canceled or reduced except on thirty days' prior written notice to City. Consultant agrees to require its insurer to modify the certificates of insurance to delete any exculpatory wording stating that failure of the insurer to mail written notice of cancellation imposes no obligation, and to delete the word "endeavor" with regard to any notice provisions.

16.8 The general liability and automobile policies of insurance provided by Consultant shall be primary to any coverage available to City. Any insurance or self-insurance maintained by City, its officers, employees, agents or volunteers, shall be in excess of Consultant's insurance and shall not contribute with it.

16.9 All insurance coverage provided pursuant to this Agreement shall not prohibit Consultant, and Consultant's employees, agents or subconsultants, from waiving the right of subrogation prior to a loss. Consultant hereby waives all rights of subrogation against the City.

16.10 Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of City, Consultant shall either reduce or eliminate the deductibles or self-insured retentions with respect to City, or Consultant shall procure a bond guaranteeing payment of losses and expenses.

16.11 Procurement of insurance by Consultant shall not be construed as a limitation of Consultant's liability or as full performance of Consultant's duties to indemnify, hold harmless and defend under Section 15 of this Agreement.

16.12 If Consultant maintains broader coverage and/or higher limits than the minimums shown above, the City requires and shall be entitled to the broader coverage and/or the higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

17. MUTUAL COOPERATION

17.1 City shall provide Consultant with all pertinent data, documents and other requested information as is reasonably available to City for the proper performance of Consultant's services under this Agreement.

17.2 In the event any claim or action is brought against City relating to Consultant's performance in connection with this Agreement, Consultant shall render any reasonable assistance that City may require.

18. RECORDS AND INSPECTIONS

Consultant shall maintain full and accurate records with respect to all matters covered under this Agreement for a period of three years after the expiration or termination of this Agreement. City shall have the right to access and examine such records, without charge, during normal business hours. City shall further have the right to audit such records, to make transcripts therefrom and to inspect all program data, documents, proceedings, and activities.

19. PERMITS AND APPROVALS

Consultant shall obtain, at its sole cost and expense, all permits and regulatory approvals necessary in the performance of this Agreement. This includes, but shall not be limited to, encroachment permits and building and safety permits and inspections.

20. NOTICES

Any notices, bills, invoices, or reports required by this Agreement shall be deemed received on: (i) the day of delivery if delivered by hand, facsimile, email, or overnight courier service during Consultant's and City's regular business hours; or (ii) on the third business day following deposit in the United States mail if delivered by mail, postage prepaid, to the addresses listed below (or to such other addresses as the Parties may, from time to time, designate in writing).

If to City:

Steve Carmona, City Manager
City of Pico Rivera
PO Box 1016
6615 Passons Blvd.
Pico Rivera, California 90660-1016

If to Consultant:

Randall D. Martinez, Executive Vice President and Chief Operating Officer
Cordoba Corporation
141 North Broadway
Los Angeles, CA 90012

With a courtesy copy to:

Arnold M. Alvarez-Glasman, City Attorney
13181 Crossroads Parkway North
Suite 400 - West Tower
City of Industry, CA 91746

21. SURVIVING COVENANTS

The Parties agree that the covenants contained in Sections 13, 15 and Paragraph 17.2 of Section 17, of this Agreement shall survive the expiration or termination of this Agreement.

22. TERMINATION

22.1 City shall have the right to terminate this Agreement for any reason on five (5) calendar days' written notice to Consultant. Consultant shall have the right to terminate this Agreement for any reason on sixty (60) calendar days' written notice to City. The effective date of termination shall be upon the date specified in the notice of termination. Consultant agrees that in the event of such termination, City's obligation to pay Consultant shall be limited to payment only for those services satisfactorily rendered, as solely determined by the City, prior to the effective date of termination. Consultant agrees to cease all work under this Agreement on or before the effective date of any notice of termination. All City data, documents, objects, materials or other tangible things shall be returned to City upon the termination or expiration of this Agreement.

22.2 If City terminates this Agreement due to no fault or failure of performance by Consultant, then Consultant shall be paid based on the work satisfactorily performed, as solely determined by the City, at the time of termination. In no event shall Consultant be entitled to receive more than the amount that would be paid to Consultant for the full performance of the services required by this Agreement.

23. ASSIGNMENT

Consultant shall not delegate, transfer, subcontract or assign its duties or rights hereunder, either in whole or in part, without City's prior written consent, and any attempt to do so shall be void and of no effect. City shall not be obligated or liable under this Agreement to any Party other than Consultant.

24. NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY

24.1 In the performance of this Agreement, Consultant shall not discriminate against any employee, subconsultant, or employment applicant because of race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation. Consultant will take affirmative action to ensure that subconsultants, employees, and employment applicants are treated without regard to their race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.2 Consultant will, in all solicitations or advertisements for employees placed by or on behalf of Consultant state either that it is an equal opportunity employer or that all qualified applicants will receive consideration for employment without regard to race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.3 Consultant will cause the foregoing provisions to be inserted in all subcontracts for any work covered by this Agreement except contracts or subcontracts for standard commercial supplies or raw materials.

25. WARRANTIES

25.1 Each Party has received independent legal advice from its attorneys with respect to the advisability of entering into and executing this Agreement, or been provided with an opportunity to receive independent legal advice and has freely and voluntarily waived and relinquished the right to do so. Each Party who has not obtained independent counsel acknowledges that the failure to have independent legal counsel will not excuse such Party's failure to perform under this Agreement.

25.2 In executing this Agreement, each Party has carefully read this Agreement, knows the contents thereof, and has relied solely on the statements expressly set forth herein and has placed no reliance whatsoever on any statement, representation, or promise of any other party, or any other person or entity, not expressly set forth herein, nor upon the failure of any other party or any other person or entity to make any statement, representation or disclosure of any matter whatsoever.

25.3 It is agreed that each Party has the full right and authority to enter into this Agreement, and that the person executing this Agreement on behalf of either Party has the full right and authority to fully commit and bind such Party to the provisions of this Agreement.

26. CAPTIONS

26.1 The captions appearing at the commencement of the sections hereof, and in any paragraph thereof, are descriptive only and for convenience in reference to this Agreement. Should there be any conflict between such heading, and the section or paragraph thereof at the head of which it appears, the section or paragraph thereof, as the case may be, and not such heading, shall control and govern in the construction of this Agreement.

26.2 Masculine or feminine pronouns shall be substituted for the neuter form and vice versa, and the plural shall be substituted for the singular form and vice versa, in any place or places herein in which the context requires such substitution(s).

27. NON-WAIVER

27.1 The waiver by City or Consultant of any breach of any term, covenant or condition herein contained shall not be deemed to be a waiver of such term, covenant or condition or of any subsequent breach of the same or any other term, covenant or condition herein contained. In no event shall the making by City of any payment to Consultant constitute or be construed as a waiver by City of any breach of covenant, or any default which may then exist on the part of Consultant, and the making of any such payment by City shall in no way impair or prejudice any right or remedy available to City with regard to such breach or default. No term, covenant or condition of this Agreement shall be deemed to have been waived by City or Consultant unless in writing.

27.2 Each right, power and remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise shall be cumulative and shall be in addition to every other right, power, or remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise. The exercise, the commencement of the exercise, or the forbearance of the exercise by any Party of any one or more of such rights, powers or remedies shall not preclude the simultaneous or later exercise by such Party of any of all of such other rights, powers or remedies.

27.3 Consultant shall not be liable for any failure to perform if Consultant presents acceptable evidence, in City’s sole judgment, that such failure was due to causes beyond the control and without the fault or negligence of Consultant.

28. COURT COSTS AND ATTORNEY FEES

In the event legal action shall be necessary to enforce any term, covenant or condition herein contained, the Party prevailing in such action, whether reduced to judgment or not, shall be entitled to its reasonable court costs, including accountants' fees and expert witness fees, if any, and attorneys' fees expended in such action. The venue for any litigation shall be Los Angeles County, California.

29. SEVERABILITY

If any term or provision of this Agreement or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable, then such term or provision shall be amended to, and solely to, the extent necessary to cure such invalidity or unenforceability, and in its amended form shall be enforceable. In such event, the remainder of this Agreement, or the application of such term or provision to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby, and each term and provision of this Agreement shall be valid and be enforced to the fullest extent permitted by law.

30. GOVERNING LAW

This Agreement shall be governed and construed in accordance with the laws of the State of California.

31. COUNTERPARTS

This Agreement may be signed in any one or more counterparts all of which taken together shall be but one and the same Agreement. Any signed copy of this Agreement or of any other document or agreement referred to herein, or copy or counterpart thereof, delivered by facsimile or email transmission, shall for all purposes be treated as if it were delivered containing an original manual signature of the Party whose signature appears in the facsimile or email and shall be binding upon such Party in the same manner as though an originally signed copy had been delivered.

32. ENTIRE AGREEMENT

All documents referenced as exhibits in this Agreement are hereby incorporated in this Agreement. In the event of any material discrepancy between the express provisions of this Agreement and the provisions of any document incorporated herein by reference, the provisions of this Agreement shall prevail. This instrument contains the entire Agreement between City and Consultant with respect to the transactions contemplated herein. No other prior oral or written agreements are binding upon the Parties. Amendments hereto or deviations herefrom shall be effective and binding only if made in writing and executed by City and Consultant.

TO EFFECTUATE THIS AGREEMENT, the Parties have caused their duly authorized representatives to execute this Agreement on the dates set forth below.

"CITY" CITY OF PICO RIVERA	"CONSULTANT" CORDOBA CORPORATION
_____ Andrew C. Lara, Mayor	_____ Randall D. Martinez, Executive Vice President and Chief Operating Officer
Dated: _____	Dated: _____
ATTEST:	**APPROVED AS TO FORM:**
_____ Cynthia Ayala, City Clerk	_____ Arnold M. Alvarez-Glasman, City Attorney

EXHIBIT A
SCOPE OF SERVICES

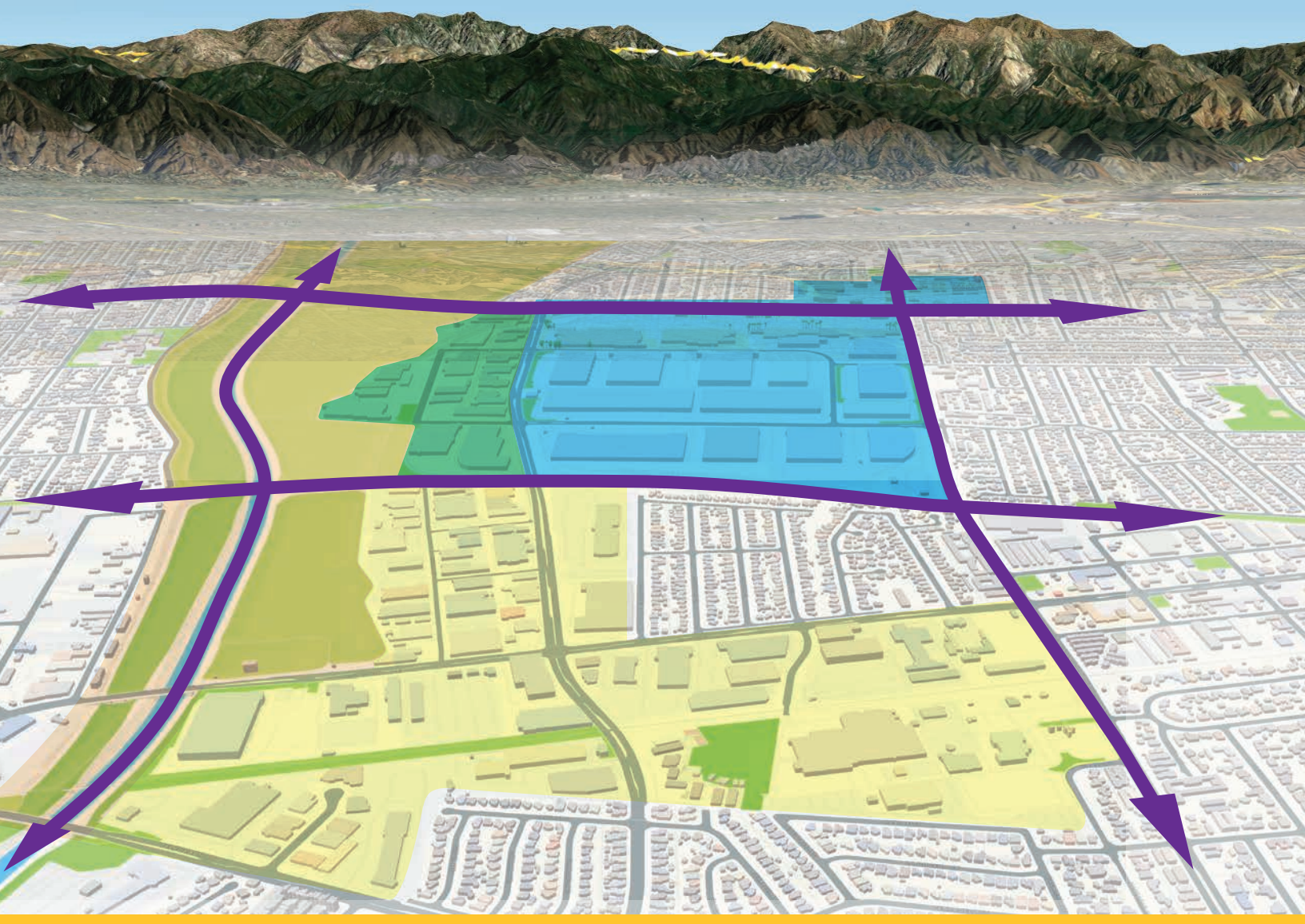
CORDOBA CORPORATION

Making a Difference

City of Pico Rivera | Department of Public Works

Proposal for On-call Engineering Services

February 14, 2024



CORDOBA CORPORATION

1401 North Broadway
Los Angeles, CA 90012
Ph: (213) 895-0224
cordobacorp.com

February 14, 2024

Noe Negrete, P.E.
Director of Public Works
City of Pico Rivera
6615 Passons Blvd.
Pico Rivera, CA 90660

RE: Letter of Offer, On-call Engineering Services

Dear Mr. Negrete,

Cordoba Corporation (Cordoba) is pleased to present our response to the City of Pico Rivera's (City) On-Call Engineering Services to provide planning and design services. Cordoba is a locally owned, nationally recognized firm with expertise in program, project and construction management, and engineering planning and design, focusing on the transportation, energy, water, and education and public facilities sectors. Together with our subconsultant partners, we have assembled a team that is local, knowledgeable, and responsive to the needs of the City's projects. We have added specialized expertise anticipating potential needs you may have to realize your 2035 Vision. To fulfill this responsibility, you need a value-based firm, who provides unparalleled benefits and responsive services for public infrastructure by "Making a Difference" where we live and work.

Cordoba's Differentiators

- **Local.** Project Manager Terry Nash, PE brings extensive experience in planning and conceptual scoping for various similar projects in the local area. As a proven leader, Terry has demonstrated working with local subconsultants; Arellano Associates, Diaz, Enterris, EGP, Lenax, Mark Thomas, Psomas, Rheia Consulting, Rincon, Studio MLA, V&A, and Vicus Planning. Task Lead, Monica Villalobos (Vicus Planning) previously served as a planning commission member for the City and is excited to work you again. Our team has established roots within the city and is personally invested in advancing the future of Pico Rivera's infrastructure.

- **Diverse.** We embody the benefits that diversity and inclusion bring to delivering successful projects. As a certified local, minority owned business (and a former small business), Cordoba fully understands the value of diversity and inclusion as reflected throughout our firm's leadership, management, and professional staff. Embracing this cultural identity is fundamental to all we do internally and for our clients and includes activities in both workforce development and in the business community by creating opportunities for XBEs. Cordoba actively supports the inclusivity and workforce development programs developed by our clients and committed to the growth of certified firms through mentor protégé programs by engaging certified firms in meaningful roles on our teams.

- **Collaborative.** More than half of our team of subconsultants have worked with Cordoba on the LA Metro Eastside Phase 2 project, a key transportation improvement planned for Washington Boulevard. By forming this team, we bring continuity with a group of experts that are already familiar with the City's policies and projects; thereby working seamlessly and effectively together. Through our partnership on the Eastside project, our team has collaborated on various facets and phases of the project and has engaged on the concept development, visioning, and the technical analysis of special planning studies, advanced conceptual engineering, urban planning, and transit-oriented communities. Our team dynamics and the collaborative nature of our past project experiences together, has equipped us with the knowledge and the expertise the City needs to bring their vision for future projects to life.

Meet our Local Subconsultants

Supporting Cordoba is a respected team of local firms to provide the City with the consulting depth this on-call contract may need. As a diverse and local firm, we select our subconsultant firms not only to provide excellent service and top-notch expertise, but to support the City in promoting inclusion and diversity throughout the team. Several of our subconsultants have worked with Cordoba on a number of mutual, long-term projects demonstrating successful collaboration and team longevity. Additionally, we have engaged a few newly established DBE/WBE/SBE firms to utilize their valuable technical expertise and also provide them with mentorship opportunities. Our collective team offers the depth of experience and required expertise and leadership to bring the City's goals and objectives to fruition.

Arellano Associates
Chrissy Hennings Diaz
5851 Pine Ave., Ste. A
Chino Hills, CA 91709

Diaz Consultants, Inc. dba Diaz Yourman & Associates (DYA)
Chris Diaz, PE, GE, Principal
1616 East 17th Street
Santa Ana, CA 92705

EGP Consulting
Angie Kung
313 Berkshire
Irvine, CA 92620

Enterris
Nikhil Damle
2000 E. 4th Street, Ste. 302
Santa Ana, CA 92705

Lenax Construction Services
Adam Zitser
3700 Wilshire Blvd., Ste. 560, Los Angeles, CA 90010

Mark Thomas
Pat Somerville
2121 Alton Parkway, Ste. 210
Irvine, CA 92606

Psomas
Allison Kooiman
865 South Figueroa Street, Ste. 3200
Los Angeles, CA 90017

Rheia Consulting
Rachel Vandenberg
1111 S. Grand Ave, Ste. 103
Los Angeles CA 90015

Rincon
Kim Avila
250 East 1st Street, Ste. 1400
Los Angeles, CA 90012

Studio MLA
Jan Dyer
251 S. Mission Rd.
Los Angeles, CA 90033

Vicus Planning
Monica Villalobos
1808 Manning Ave, Ste. 303
Los Angeles, CA 90025

V&A
Jose Valle
1111 S. Grand Ave., Ste. 103
Los Angeles, CA 90015

Required Statements

- Federal Tax ID number 95-3742468
- This proposal will remain valid for a period of not less than 90 calendar days from the date of submittal.
- Cordoba acknowledges and is obligated by all addenda to this RFP.
- Cordoba attests that all the information submitted with the Proposal is true and correct.

Cordoba is excited to explore this proposal further with the City and working on future task orders. Thank you for the opportunity to submit this proposal. As Executive Vice President and Chief Operating Officer, I have the capacity to bind Cordoba to the terms of the RFP. Should you have any questions regarding this proposal, feel free to contact Project Manager, Senior Vice President - Transportation, Terry Nash (480) 262-5994 or via email at terry.nash@cordobacorp.com

Sincerely,

Cordoba Corporation

Randall D. Martinez
Executive Vice President and Chief Operating Officer
1401 North Boradway
Los Angeles, CA 90012
Ph: (213) 895-0224

Terry Nash, PE
Project Manager, Senior Vice President, Transportation
1401 North Broadway
Los Angeles, CA 90012
Ph: (480) 262-5994

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Appendix A - Resumes i

B.

Qualifications of Firm

Firm Profile

List of services offered:

- Engineering and Design
- Program and Project Management
- Construction Management
- Project Controls
- Environmental
- Transportation Planning
- Stormwater and Watershed
- Plan Checking Services
- Community Engagement and Outreach

Year company was founded:

- 1983

Form of organization:

- Corporation

Number, size and location of offices:

- 9 offices
- Field Offices - 97
- Chatsworth - 34
- Los Angeles - 90
- Long Beach - 7
- Ontario - 29
- Sacramento - 20
- San Francisco - 20
- San Ramon - 7
- Santa Ana - 113
- San Diego - 133

Number of employees:

- 550

B. Qualifications of Firm

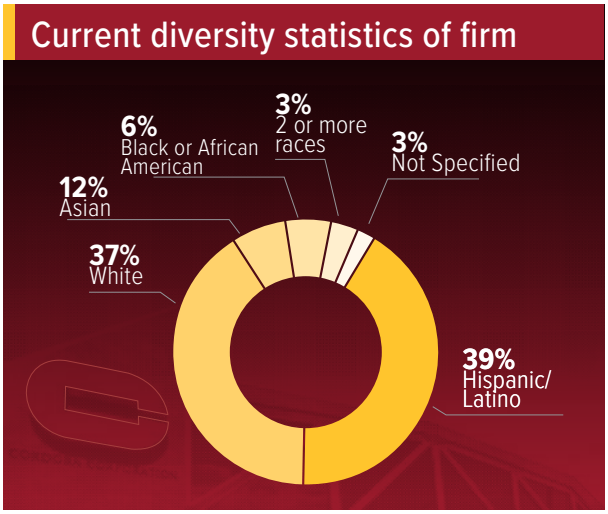
Cordoba is a local, nationally recognized California-based corporation with a 41-year history of working on complex and highly visible infrastructure projects across the state, including the groundbreaking California High-Speed Rail Program. Founded as an urban planning firm with corporate headquarters in Los Angeles, we have grown to over 550staff in California, providing comprehensive engineering, program management and construction management services totaling more than $5 billion in projects to date. **We are ranked as a Top 50 Program Management Firm, Top 50 Construction-Management-for- Fee Firm and Top 50 California Design firm by Engineering News- Record (ENR),** an industry magazine that covers national trends in construction. Considering we are exclusive to California; these national rankings are remarkable. Cordoba retains this understanding and commitment to the region. We are firmly established in LA County, with an office in Los Angeles. We are members of the Los Angeles County Business Federation, Memorial Coliseum, Women in Transportation Seminar, and American Public Transportation Association, among many other local and statewide organizations.

The success of a project is realized by providing the appropriate level of staffing with technical expertise at the moment they are needed, with no excess or superfluous overhead. Cordoba's approach is to scale and provide the level of resources corresponding to each Task Order to complete specific milestones. Our size allows us to agilely scale our team up but also maintain key staff members when work slows down. Our commitment to the City is to scale the resources appropriately according to workload and ensure value in our delivery.

We know flexibility and the ability to increase and decrease staff resources based on project demand is important so we will consistently monitor the scaling of resources throughout the project life cycle. Our team brings a deep bench of locally, nationally and internationally experienced professionals that understand the complexities and opportunities of executing projects in a diverse bi-national region. **Our Technical Staff table on page 8 details our staff's experience.**

Commitment to Diversity

Diversity, equity, and inclusion have been an integral part of Cordoba's identity in it's 40 years of existence. We believe there is tangible value in promoting diversity at every level. As we work on the largest infrastructure in California, we bring our own unique backgrounds and understanding of our community and our culture, as well as our technical expertise, where together we help solve our clients' important challenges.



One of our early landmark projects was our work with the California Public Utilities Commission in 1988 to establish the Clearinghouse, the first comprehensive database of disadvantaged small businesses. Our work included establishing robust, fair, and equitable guidelines for disadvantaged small business certification. This effort was instrumental in opening doors for increased participation for minority and women entrepreneurs' infrastructure projects.

Financial Condition

Cordoba has been in continuous operation with the same owner and operator for 41 years. The financial base and stability of Cordoba enhances our ability to provide adequate resources for our clients and projects. Cordoba produces monthly and annual financial statements consistent with generally accepted accounting principles (GAAP) which are reviewed by a licensed independent certified public accountant firm.

Cordoba Corporation is in good financial standing with the resources necessary to provide on-call engineering and professional consulting services upon selection by the City. With nearly 550 employees currently managing over $5B in California construction projects, we are extremely proud of Cordoba's track record with regards to litigation. In the spirit of full disclosure and transparency, Cordoba Corporation has been party to the lawsuit described below. However, these lawsuits will have no effect on Cordoba's performance under an agreement with the City of Pico Rivera:

Southern California Municipality v. Developer et. al.

Cordoba is presently named as one of fifteen defendants in a civil lawsuit between a Southern California municipality and its former developer. Cordoba was contracted to manage certain aspects of existing and potential capital improvement projects for the municipality. This included the development project that was underway before Cordoba was issued a contract to oversee the municipality's capital improvement program. Cordoba denies all allegations and filed a countersuit against the Southern California municipality. The case has not yet been resolved.

Previous History with Subconsultants

Our team of subconsultants have worked together on local southern California projects and jointly, we bring all the expertise needed to deliver your On-Call Contract. Our partners are cross-functional with the ability to work on multiple tasks simultaneously, making the team more efficient and responsive. In the table provided in the following page we provide a list of relevant project experience, as well as projects where we have collaborated in the past.

Previous History with Subconsultants

Subconsultant Name	Project Name	Roles | Responsibilities
Arellano Associates	› Metro Eastside Transit Corridor, Phase II, Los Angeles, CA › Santa Ana-Garden Grove Fixed Guideway Project (OC Streetcar) Project, Orange County, CA	› Subconsultant | Public Outreach
Diaz Consultants, Inc. dba Diaz Yourman & Associates (DYA)	› Metro Eastside Transit Corridor, Phase II, Los Angeles County, CA › Santa Ana Streetcar, Santa Ana, CA	› Subconsultant | Geotechnical
EGP Consulting	› Santa Ana-Garden Grove Fixed Guideway Project (OC Streetcar) Project, Orange County, CA	› Subconsultant | Environmental Assessment
Enterris	› Metro, PDA Oversight Services for Sepulveda Transit Corridor Project, Los Angeles, CA	› Subconsultant | Environmental Assessment
Lenax Construction Services	› Metro Eastside Transit Corridor Phase II ACE, Los Angeles, CA	› Subconsultant | Cost Estimating Services
Mark Thomas	› Port of Long Beach, On-Call Project Management, Long Beach, CA › Santa Ana-Garden Grove Fixed Guideway Project (OC Streetcar) Project, Orange County, CA › Glendale Streetcar Feasibility Study, Glendale, CA	› Subconsultant | PS&E
Psomas	› LAWA, Master Plan Implementation, Los Angeles, CA	› Subconsultant | Survey, Mapping, right of way
Rheia Consulting	› N/A	
Rincon	› N/A	
Studio MLA	› Metro Eastside Transit Corridor, Phase II, Los Angeles County, CA › LA Metro Westside Purple Line Extension, Los Angeles, CA	› Subconsultant | Landscape Architecture
V&A	› Metro Eastside Transit Corridor, Phase II, Los Angeles County, CA › Crenshaw/LAX (K-Line), Los Angeles, CA	› Subconsultant | Traffic engineering design › Prime | Drainage design
Vicus	› LA Metro Eastside Expansion Phase 2, Los Angeles, CA	› Subconsultant | Community Outreach, First Last Mile

Strength and Stability

The Cordoba team is suited to deliver the full range of projects anticipated under this on-call contract. Our team has extensive experience working with public agencies similar to the City, providing comprehensive planning, program and construction management and engineering services. We are currently providing multidisciplinary project management and engineering design on similar facilities that include projects for roadway, rail and transit, structures and waterways, traffic and signalization, drainage and stormwater facilities, utilities, and operational improvements. Our team is structured to support the City with a depth of resources with the knowledge and experience to work efficiently with your staff, key stakeholders and regulatory agencies to gain timely approvals and anticipate project requirements.

Capability, Availability and Workload

Management of the task orders and specialized expertise will be important for allocating resources and ensuring we have the appropriate personnel assigned for the task/review/work/etc. We do not want too many people reviewing the same things—we want exactly the right assigned resources—no more/no less. The following provides the general percentage availability of Cordoba's proposed staff over the life of the contract. The anticipated staff will be 100% committed and available for the budgeted hours for each task order. Each task order lead will be 100% available for each assignment. Cordoba commits to the availability of the staff members proposed herein to the extent required to successfully complete their role or assignment on the project.

Key Staff Workload and Availability

Name Role	Current Workload and Proven Record of Meeting Schedule	Proposed Availability
Terry Nash, PE Project Manager	› LA Metro, Eastside Light Rail Phase 2 Extension, Los Angeles, CA	50%
Melissa de la Pena, PE Preliminary Engineering and Planning Studies Task Lead	› LA Metro, Eastside Transit Corridor Phase 2 Advanced Conceptual Engineering (ACE) and Urban Design, Los Angeles, CA	50%
Paul Mead, JD Environmental Studies and Documentation	› Los Angeles Sanitation District On-Call	75%
Roberto Ramirez, PE Design Task Lead	› Los Angeles County DPW, Project Checking › IVDA, 3rd Street Corridor Improvements	75%
Jose Rodriguez Bid Support Services Task Lead	› LASAN, Safe, Clean Water Program Feasibility Studies - Round 3 and 5, Los Angeles, CA	75%
Monica Villalobos Community Engagement (Vicus)	› LA Metro, E Line Extension, Los Angeles, CA › LA Metro, K Line Northern Extension, Los Angeles, CA › LA Metro, Rail-to-Rail Construction Management Support Services, Los Angeles, CA › LA Metro, K Line Extension to Torrance, Los Angeles, CA	30%

Depth of Resources

Our diverse staff of registered engineers, funding/financial advisors, and other professional resources includes local experts from Cordoba and our teaming partners. Cordoba has 90 staff in Los Angeles, 440 in southern California and over 550 state-wide. Our team has nearly 200 staff located within Los Angeles County. We will draw on this depth of local staff as needed to successfully complete every City assignment, as well as manage concurrent task orders effectively.

Capability to Manage and Deliver Work

The depth and range of Cordoba's experience in managing similar contracts are evidenced by the successful completion and delivery of both on-call based and standalone projects from large transportation agencies, as well as numerous local cities. Some of the transportation agencies we serve on an on-call contract capacity include LACCD, LAWA, SANDAG, LBCCD, LABOE, and POLB. In southern California, we have provided engineering services on multiple task orders in the past ten years, including many city and county projects in Los Angeles, like the $2.1B Safe Sidewalks LA Program for the City of Los Angeles.

Terry has met with you and has made this a priority for Cordoba. He is personally committed to the success of each project, applying his vision and tactics for managing resources - our proven Task Order Management Process will help take the task order through scoping and negotiation to notice-to-proceed on our assignments. We have successfully used this approach on several on-call contracts for the last 10 years, where we have delivered over 50 task orders. We will make sure the appropriate technical expertise can be accessed when needed, progress is communicated effectively to the team and the city, and the work is completed with the highest degree of quality, on schedule and within budget.

C.

Proposed Staffing

Evaluation Criteria:

Our key personnel will be available to the extent proposed for the duration of the Professional Services Agreement and acknowledge that no person assigned to a project shall be removed or replaced without prior written concurrence by the City.

C. Proposed Staffing

Key Personnel

Our proposed team brings their previous experience which means we can hit the ground running and can quickly consider innovative solutions or design experience without having to re-examine project constraints. This added efficiency, combined with our systematic project management approach for task order-based contracts, enhances our capability to keep things on track and successfully deliver, while multiple task orders are occurring simultaneously. **The following are abbreviated bios of each of our key personnel as well as our support staff. Full expanded resumes that includes educational criteria for all team members can be found in Appendix A – Resumes in the back of our qualifications package.**

TERRY NASH, PE | PROJECT MANAGER

Terry has focused his entire career on transit and quality of life improvement projects similar to those proposed throughout the City. He has led projects from project development and delivery phases, and has delivered projects in alternatives analysis/planning, project risk identification and assessment, preliminary engineering, and final design/alternative delivery phases. Terry has served as project manager and engineer-of-record on a variety of transit projects, with an emphasis on dense urban environments.

MELISSA DE LA PENA, PE | PRELIMINARY ENGINEERING AND PLANNING SERVICES (CORDOBA)

Melissa has established herself in transportation engineering and management of large infrastructure projects throughout southern California. She has managed the preparation of corridor studies, feasibility studies, project studies, design, and specifications and estimates - for highway, major urban transit, and complex interchange improvement projects. She has a thorough understanding of federal, Caltrans, and public agency standards and requirements.

ROBERTO RAMIREZ, PE | DESIGN (CORDOBA)

Roberto has worked on multiple on-call task orders for various agencies like the City/County of Los Angeles, LA Metro, and the City of Pico Rivera. He is proven and effective in completing tasks on time and within budget, while addressing client's needs. Roberto brings his design and construction management experience including roadway/high design, drainage improvements, SWPPP development, and cost estimating. This understanding allows him to move from design through project completion.

PAUL MEAD, JD | ENVIRONMENTAL AND PERMITTING (CORDOBA)

Paul's career is founded in environmental and regulatory practice, representing a wide-range of clientele including state, counties, cities, water districts, utilities, and developers in negotiation/agreements/permits with federal and state regulatory agencies. His specialties include managing regulatory/administrative agencies, preparing environmental studies, and permit applications. Paul has served as an advocate for projects in lead agency/public hearings and in administrative proceedings including appeals.

JOSE RODRIGUEZ | BID AND CONSTRUCTION SUPPORT (CORDOBA)

Jose is experienced in supporting infrastructure projects throughout southern California. He is particularly skilled in working with a team of designers to deliver a project and has demonstrated abilities in guiding a project and establishing procedures. He has developed standard plans, details, procedures, and engineering and drafting manuals that serve as the standards for his clients. He has a proven understanding of Quality Assurance and Quality Control (QA/QC) as it relates to infrastructure products including port and roadway projects (Cal Trans).

MONICA VILLALOBOS | COMMUNITY ENGAGEMENT (VICUS PLANNING)

Monica is President and Principal of Vicus where she leads a team of professionals with urban planning issues for public clients, work with the community on plans and projects, and strive to create walkable, bikable, transit rich places that are inclusive and equitable. Her specialties include equitable design, transit infrastructure planning, land use planning, TOC, community development, diverse and inclusive public participation, project management, public and media relations, political strategy, public policy, and research.

Specialized Experience Staff

We understand the City's comprehensive infrastructure program that will support enhanced quality of life and economic growth. Our team includes individuals with specialized experience in key areas to support you—and they have worked together before on similar projects in established dense urban environments. **The table below shows the specialized experience we bring to the City.**

Specialized Experience by Team Member

Name	Specialized Experience	Relevance to Pico Rivera
Terry Nash, PE Project Manager	› Transit project development under FTA Capital Improvement Grant (CIG) Program.	› Established knowledge to support the City with Rosemead/Lakewood BRT through FTA programs.
Monica Villalobos Community Engagement Lead	› Engaging the community with planning and early design of public spaces. › Metro Transit Oriented Communities co-author	› Will be the face of the planning and transit-oriented community process to engage stakeholders – building trust and gathering input.
John Bodenchak, PE Stormwater Design	› Hydrology and hydraulic modeling, stormwater capture, transportation drainage design, water quality monitoring, NPDES permits, and Envision.	› Ability to prepare feasibility studies for stormwater capture and dry weather water quality improvement.
Melissa de la Pena, PE Preliminary Engineering and Planning Services	› Managed infrastructure projects involving multiple stakeholders, alternative development, design, traffic, and aesthetics.	› Can manage all phases of transportation projects from planning through construction. › Understands federal, Caltrans, and public agency standards and requirements.
Paul Mead, JD Environmental and Permitting	› Special certification in Environmental, Land-use and Regulatory Law.	› Will manage regulatory/permitting programs and represent the City in communications and negotiations with federal/state regulatory/administrative agencies.
Richard Chavez Construction Phase	› Caltrans grant administration with Local Assistance Manual.	› Ensure the City follows and reports all requirements, maintaining eligibility for Caltrans local assistance.

Organizational Chart

Our organizational chart, shown on the following page, shows key disciplines and areas of expertise in 13 categories needed to deliver on the scopes of work. This planned depth of resources ensures resource availability and multiple capable staff assignment options, should concurrent task orders require the same technical expertise. The chart identifies our well-defined lines of communication, starting with Terry Nash as our Project Manager and running down to each of our Task Leads. Terry will take direction directly from City's project manager and exercise his authority to implement the work through our team's task leads, design leads, and subconsultant staff. Our Principal-in-Charge, Randall Martinez will make sure Terry has every Cordoba resource at his disposal throughout the duration of this contract.

Principal-in-Charge
Randall Martinez [1]

Project Manager
Terry Nash, PE [1]

Quality Manager
Kay Tahari, PE [1]

Preliminary Engineering and Planning Services

Melissa De La Pena [1]

Community Engagement
Monica Villalobos [13]

Planning Studies
Farveh Makhssous [1]

Outreach Support
Jason Jackson [2]
Edna Jimenez [2]

Graphics
David Zamudio [1]

Geotechnical Studies
S. Niranjan, PE, GE [3]

Landscape Architecture
Jan Dyer, ASLA [11]

Traffic
Angel Gaytan [12]

Environmental and Permitting

Paul Mead, JD [1]

Prior Rights
Augustine Chung [1]

3rd Party Agreements
Amado "Andie" Hernandez, PMP [4]

CEQA/NEPA Documentation
Angie Kung [5]

Environmental Studies
Natalie Brim [5]

Design

Roberto Ramirez, PE [1]

Transit Station/Civil Design
Patrick Somerville, PE [7]

BRT/LRT Interface
Terry Nash, PE [1]

Roadway Design
Roberto Ramirez, PE [1]

Stormwater Design
John Bodenchak, PE [1]

CAD
Heidi Marnocha [1]

Specifications
Angie Kung [5]

Cost Estimating
Eilia Sitnitsky [6]

Bid and Construction Support

Jose Rodriguez [1]

Construction Phase
Richard Chavez [1]

Bid Support
Kristal McCain [1]

Plan Checking and Submittal Review
Roberto Ramirez, PE [1]

Support Services

Surveys, Mapping and Field Reviews
Britton Howay, EIT [8]

Right of Way Certification
Augustine Chung [1]

Construction Scheduling (P6)
George Elkin [6]

Utility Coordination
Julie Sauter, PE [4]

Construction Estimating
Eilia Sitnitsky [6]

Grant Administration
Richard Chavez [1]

Grant Writing Support
Rachel Vanderberg [9]

Geotechnical Services
S. Niranjan, PE, GE [3]

Legend

1. *Cordoba*
2. *Arellano*
3. *Diaz-Yourman Associates*
4. *Enterris*
5. *EGP Consulting*
6. *Lenax*
7. *Mark Thomas*
8. *Psomas*
9. *Rheia*
10. *Rincon*
11. *Studio MLA*
12. *V&A*
13. *Vicus Planning*

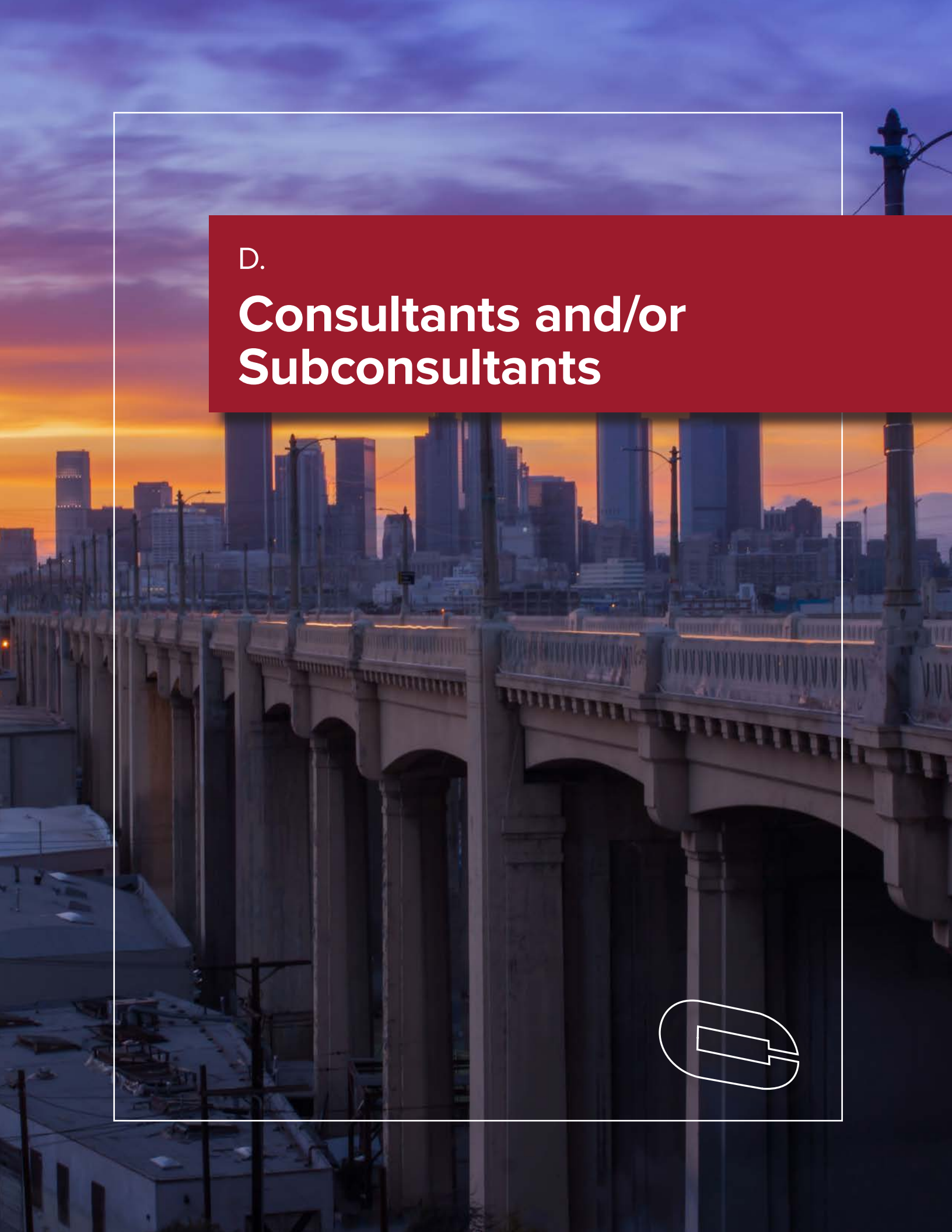
Key Personnel

Technical Staff

In addition to the key personnel, we will have a deep bench of technical staff to provide additional support to any task order issued.

Technical Staff at a Glance

Name – Role	Relevant Experience
Augustine Chung Prior Rights | Cordoba	› CHSRA, Third-Party Contracts, High-Speed Rail Program › CHSRA, Real Property Compliance, High-Speed Rail Program
David Zamudio Graphics | Cordoba	› Designed and produced project notifications, informational brochures, social media and web content, and official presentations › Collaborate with internal clients and external vendors to produce proposals on time and on budget
Heidi Marnocha CAD | Cordoba	› Southern California Gas Company, WASCO Primex › Inland Valley Development Agency, Off-site Improvements 3rd Street, 5th Street, Sterling Ave, and San Bernardino
Kristal McCain Bid Support | Cordoba	› CHSRA, Senior Commercial Specialist (Commercial Lead), California High-Speed Rail Program
Jason Jackson Outreach Support | Arellano	› LABOE, Valley Boulevard Multi-Modal Transportation Improvements › LABOE, Huntington Drive Multi-Modal Transportation Improvements
Edna Jimenez Outreach Support | Arellano	› City of Pico Rivera, Telegraph Road Over San Gabriel River Bridge › City of Pico Rivera, Washington Blvd Over Rio Hondo Channel
S. Niranjan, PE, GE Geotechnical Studies | Diaz	› City of Pico Rivera, Regional Bikeway Projec › LACDPW, Rosemead Blvd Complete Streets Improvements, Phase I
Angie Kung CEQA/NEPA Documentation + Specifications | EGP	› OCTA, I-5 Widening Project Segments 1 and 3 PS&E › Caltrans District 12, State Route 74 (Lower Ortega Highway) Widening
Natalie Brim Environmental Studies | EGP	› City of Long Beach, Shoemaker Bridge Replacement Project (PA&ED) › LA Metro, I-605 Corridor Improvement Project (PA&ED)
Amado "Andie" Hernandez, PMP 3rd Party Agreements | Enterris	› LABOE, Soho Street Bridge › LABOE, State Street Overhead (SCRRA and Busway) Widening
Eilia Sitnitsky Cost Estimating | Lenax	› Maintains a cost estimate database of capital projects across LA County.
Patrick Somerville, PE Transit Station/Civil Design | Mark Thomas	› Manages Highway/Bridge projects throughout southern California › Former City of Fullerton Engineer and was responsible for the preparation of plans, specifications, and estimates for a wide range of capital improvement projects
Jan Dyer, ASLA Landscape Architecture | Studio MLA	› City of Culver City, 8570 National Boulevard › LA County Parks & Rec Strategic Plan, Los Angeles County
Angel Gaytan Traffic | V&A	› LA Metro, Westside Subway Extension Section 1 Design-Build › LA Metro, Crenshaw/LAX Transit Corridor Design-Build



D.

Consultants and/or Subconsultants

Added Value

On-call engineering services encompass significant responsibility and delivery mechanisms requiring both a depth of resources, efficiency and flexibility. We have several on-call engineering contracts and understand how to work with the City on a task order basis - **and as a team of veteran firms, we know and have the ability to adapt to unexpected work.**

D. Consultants and/or Sub-consultants

Bringing added value to the Cordoba team, are 12 trusted subconsultants with previous experience on similar on-call contracts offering a seamless transition, enhanced knowledge transfer, and improved productivity. The Cordoba team brings continuity by bringing on ten subconsultants whom we've partnered with on past projects and bringing on new perspectives from two new subconsultants. With this approach, we can provide the City with a reduced learning curve, well-informed and efficient decision-making team atmosphere. Our combined expertise offers the City an all-inclusive deep bench of professionals that will address each task order.

Each of our subconsultants will be fully integrated to our team and will be supported by all Cordoba Task Leaders and Project Manager, Terry Nash. We strive for a collaborative environment where roles and expectations are clearly defined, and ensure each firm serves a manageable, meaningful, and productive role.

Subconsultants

Arellano Associates; *Chrissy Hennings Diaz, Ph: (909) 627-2974*

Established in 1994, Arellano Associates (Arellano) is a professional services consulting firm specializing in communications and public outreach, community and government relations, and strategic planning and marketing programs. Arellano serves many of southern California's most important public programs, including transportation, public safety, sustainability, planning, infrastructure improvement, and other energy and water-related projects. Arellano will provide comprehensive communications and planning services for all task orders issued by the City.

Diaz Consultants; *Chris Diaz, PE, GE, Principal, Ph: (714) 245-2920 / (657) 502-2046 (Direct)*

Geotechnical engineering is Diaz's specialty. They are experienced in all phases of geotechnical engineering, including geotechnical/geologic site risk analysis, pre-design investigations, seismic design criteria, slope stability, grading, sub-drainage, infiltration, geotechnical design criteria, ground improvement, foundations, and pavement section thickness design (including subgrade preparation). Diaz will integrate their investigation tools of geology, geophysics, and in situ testing with borings, sampling, and laboratory testing to optimize value in investigations to provide the City results they can trust.

EGP Consulting; *Angie Kung, Ph: (626) 660-9230*

EGP Consulting, Inc. (EGP) was established in July 2023 providing a range of environmental consulting services. EGP will be supporting the Cordoba team by providing CEQA/NEPA support, including select technical studies, and regulatory permitting under Task E, Environmental Studies and Documentation of the RFP. In addition, EGP will provide, as needed, specifications support on final design package submittals to Caltrans under Task H, Design of the RFP, and biological preconstruction surveys and monitoring under Task K, Construction Support, of the RFP.

Enterris; *Nikhil Damle, Ph: (310) 720-8102*

Enterris is a small minority-owned full-service consulting firm, focusing on all aspects of Program and Project Management. Enterris will provide the City with a specialized program advisory services encompassing inspection, contract administration and oversight, compliance monitoring, project controls, and construction and project management.

Lenax Construction Services; *Adam Zitser, Ph: (213) 637-9146*

LENAX brings an in-depth understanding of the public works and transportation sectors, resulting in their earned reputation as a trusted partner. LENAX has held multiple consecutive prime contracts providing on-call cost estimating; projects included roads, bridges, waterlines, waterworks, sewer, pumps, stormwater, irrigation, airports, streetscapes, landscaping, parks, trails, fencing, job order contracts, utilities, and facilities, to name a few. Based on three decades of history in performing cost estimating and scheduling services on public projects in the Los Angeles area and the company's high percentage of repeat customers, LENAX has prepared the highest quality of cost estimating services and can provide the City of Pico Rivera with that same level of continued expertise on the Cordoba team.

Mark Thomas; *Pat Somerville, Ph: (949) 477-9000*

Mark Thomas provides civil and structural engineering, construction management, land surveying, planning and urban design, landscape architectural, and district management services for California roadways, structures, bicycle/pedestrian facilities, parks, communities, and infrastructure and utility systems. Mark Thomas will provide the City a sound and innovative engineering solutions and responsive customer service for all task orders issued.

Psomas; *Allison Kooiman, Ph: (714) 751-7373*

Established in southern California in 1946 as a family-owned surveying firm, Psomas has grown to offer full-service geospatial and civil engineering consulting services and currently employs over 700 professionals in 17 offices throughout California, Arizona, Washington, and Utah. Psomas' staff is experienced at coordinating between multiple agencies and utilities, having received numerous repeat contracts for consecutive terms due to their team's ability to effectively oversee multiple assignments simultaneously and manage them to their successful completion.

Rheia Consulting; *Rachel Vandenberg; Ph: (213) 786-1025*

Rheia offers the City advisory and program support services to support the successful delivery of task orders. Rheia will develop creative solutions to support capital planning, strategic planning, technical and financial feasibility, sustainability assessment, and successful project delivery. As a subconsultant, Rheia will support Cordoba, as needed, in the areas of:

- Multimodal planning studies
- Grant administration
- Utilities research and coordination

Rincon; *Kim Avila, Ph: (310) 422-5724*

Rincon is a multi-disciplinary environmental science, planning, and engineering consulting firm that provides quality professional services to government and industry. Our principal service is to provide environmental support and scientific research to create and sustain innovative solutions to natural resource, sustainability, and environmental impacts. Rincon's approach will be centered upon the design and development of innovative solutions that respond to the City's specific needs by managing each project with a focus on three primary objectives – economic efficiency, technical excellence, and sustainable approach.

Studio MLA; *Jan Dyer, Ph: (818) 456-3667*

Studio-MLA integrates landscape architecture, urban design, and planning to create places that inspire human connection, unite communities, and restore environmental balance. From master planning to the design of plazas and gardens, the studio will bring creativity, pragmatism, and responsibility to the City's task orders. With offices in San Francisco and Los Angeles, our 45-person team includes landscape architects, designers, planners, botanists, and ecologists from around the world. Diversity and multiple perspectives add meaning to collaborations and value to outcomes. Together, we believe in the transformative power of design to recalibrate the natural and built environments that connect us.

Vicus Planning; *Monica Villalobos, Ph: (562) 477-0987*

VICUS, a female-led and minority-owned and operated company who believes communities should be walkable, bikeable, transit rich places that are diverse and inclusive. We offer the City integrated services to meet this charge. Vicus will provide support at every stage of the project delivery process from early planning and conceptual analysis to environmental clearance, final design and construction. As innovative leaders in the field, we are highly qualified and diverse staff members dedicated to solving pressing urban issues and leading our clients toward success.

V&A; *Jose Valle, Ph: (213) 972-9700*

V&A, Inc. was established in 2008 and is built around the delivery of fast-paced transportation infrastructure projects in the LA Metropolitan area. The V&A team of experts includes registered Civil and Traffic Engineers, as well as a highly skilled Construction Management team with experience designing the largest design-build projects in southern California. We are committed to providing responsiveness and an experience that is second to none when it comes to delivering a quality work product. Throughout our history, V&A has been involved in extensive coordination with various cities and public entities including Caltrans, Southern California Edison, and Los Angeles County Flood Control. V&A maintains an excellent relationship and knowledge of local standards which helps foster success in our projects through experience and knowledge in adapting to complicated design tasks.

The table on the following pages displays our subconsultants and the value they bring to the City's on-call contract.

Subconsultants at a Glance

Subconsultant Name	A PM	B Community Outreach	C Prelim Eng and PlanStudies	D Surveys, Mapping and Field	E Env Studies and Doc	F Utility Research and Coor	G ROW Phase and Dtrmn.	H Design	I Construction Phase Auth	J Bid Support Services	K Construction Support Serv	L Grant Administration	M Prior Rights Expertise	Relevant Project Experience * Previous joint work with Cordoba
Arellano Associates 5851 Pine Ave., Ste. A Chino Hills, CA 91709	Cordoba Task	●							Cordoba Task					› **Metro Eastside Transit Corridor*** › **OC Streetcar***
Diaz 1616 E. 17th Street Santa Ana, CA 92705			●											› **Metro Eastside Transit Corridor*** › **Santa Ana Streetcar*** › Metro C-Line Extension to Torrance › Metro East San Fernando Valley Transit Corridor › Irvine Two Heritage Park, Parking Lots
EGP Consultants 313 Berkshire Irvine, CA 92620					●			●						› **OC Streetcar***
Enterris 2000 E. 4th Street, Ste. 302 Santa Ana, CA 92705					●	●				●				› **Metro – PDA Oversight Services for Sepulveda Transit Corridor Project*** › City of Inglewood, Professional Project Admin On-call Support Services Inglewood Transit Connector › Los Angeles World Airports- PM/ CM Services for ATMP Landside Improvements
Lenax Construction Services 3700 Wilshire Blvd., Ste. 560, Los Angeles, CA 90010								●			●			› **Metro Eastside Transit Corridor***

Subconsultants at a Glance

Subconsultant Name	A PM	B Community Outreach	C Prelim Eng and PlanStudies	D Surveys, Mapping and Field	E Env Studies and Doc	F Utility Research and Coor	G ROW Phase and Dtrmn.	H Design	I Construction Phase Auth	J Bid Support Services	K Construction Support Serv	L Grant Administration	M Prior Rights Expertise	Relevant Project Experience * Previous joint work with Cordoba
Mark Thomas 2121 Alton Parkway, Ste. 210 Irvine, CA 92606	Cordoba Task							●	Cordoba Task					› **Port of Long Beach, On-Call Project Management*** › **OC Streetcar PS&E*** › **Glendale Streetcar Feasibility Study***
Psomas 865 S. Figueroa Street, Ste. 3200 Los Angeles, CA 90017				●			●							› **LAWA - Master Plan Implementation*** › Caltrans District 7, On-Call Land Surveying Services, Northern Section
Rheia Consulting 1111 S. Grand Ave., Ste. 103 Los Angeles CA 90015						●						●	●	› Anaheim Transportation Network, Multi-modal Transit Plan › OCTA, Commuter Rail Implementation Plan › Burlington Northern Santa Fe Railway (BNSF), On-Call Eng Services
Rincon Kim Avila 250 East 1st Street, Ste. 1400 Los Angeles, CA 90012					●									› City of Pico Rivera, On-Call › City of Pico Rivera, 6th Cycle Housing Element New Policies › City of El Monte, Paseo Santa Fe › City of West Covina, Assisted Living Facility IS-MND › City of West Covina, 56 Unit Townhome CEQA Project › City of West Covina, Starwood/ Plaza West Covina IS › City of West Covina, 1611 and 1623 West San Bernardino Road

Subconsultants at a Glance

Subconsultant Name	A PM	B Community Outreach	C Prelim Eng and PlanStudies	D Surveys, Mapping and Field	E Env Studies and Doc	F Utility Research and Coor	G ROW Phase and Dtrmn.	H Design	I Construction Phase Auth	J Bid Support Services	K Construction Support Serv	L Grant Administration	M Prior Rights Expertise	Relevant Project Experience * Previous joint work with Cordoba
Studio MLA Jan Dyer 251 S. Mission Rd. Los Angeles, CA 90033			●					●						› ***Metro, Eastside Expansion Phase 2** › ***Metro, Westside Purple Line Extension** › City of Glendale, Feasibility Study
V&A Jose Valle 1111 S. Grand Ave., Ste. 103 Los Angeles, CA 90015			●			●					●			› ***Metro, Eastside Transit Corridor, Phase 2** › ***Crenshaw/LAX (K-Line)**
Vicus Planning Monica Villalobos 1808 Manning Ave, Ste. 303 Los Angeles, CA 90025		●	●											› ***Eastside Transit Corridor Phase 2** › ***K Line Northern Extension** › Rail-to-Rail Construction Management Support Services › Palmdale Sustainable Transportation Plan

To expand on a couple of the projects we have worked on together as a team, we provide the following project descriptions.

EASTSIDE TRANSIT CORRIDOR PHASE 2 ADVANCED CONCEPTUAL ENGINEERING

LA METRO | Location: Los Angeles, CA

PROJECT DETAILS

Client Contact:

Jenny Cristales-Cevallos,
Project Manager (Previous)

Address

One Gateway Plaza
Los Angeles, CA 90012

Phone

(213) 418-3026

Key Relevancies and Services

- Planning and Preliminary Engineering
- Community Outreach
- Surveys, Mapping, and Right of Way
- Utility Research and Coordination
- Environmental Services and Permitting
- Design
- Cost Estimating

This project consists of alternative analysis, 15 percent design, right-of-way definition and a recommendation of the preferred alternative for Metro. The most significant changes occur in the segment where a tunnel must be constructed. The team responded to changing project alternatives by assembling tiger teams to provide detailed analysis and recommendations.

Cordoba team leaders, Melissa de la Pena and Roberto Ramirez, are providing comprehensive project management services for the advanced conceptual engineering, and urban design of the 14-mile extension of Metro's E Line.

Key issues include mapping existing utilities, creating first/last mile plans for station access, coordinating Metro's transit oriented community policy for each station, and advanced level roadway, drainage, and transit design; developing tunnel construction methods that optimize efficiency and minimize project risk; maintaining negligible impact when crossing under Union Pacific Railroad (UPRR) and Metrolink; and avoiding impacts to and meeting clearance requirements for Southern California Edison transmission lines.

ORANGE COUNTY STREETCAR PROJECT

OCTA | Location: Orange County, CA

PROJECT DETAILS

Client Contact:
Kelly Hart, Project Manager

Address
550 S. Main Street
Orange, CA 92868

Phone
(714) 560-5725

Key Relevancies and Services
- Project Management
- Community Outreach
- Preliminary Engineering and Planning Studies
- Survey, Mapping, and ROW
- Environmental Studies and Documentation
- Utility Research and Coordination
- Transit, Roadway, and Drainage Design
- Bid and Construction Support

Cordoba was the prime consultant for the alternatives analysis and conceptual design phase which consisted of detailed planning and alternatives analyses, conceptual engineering, and environmental compliance.

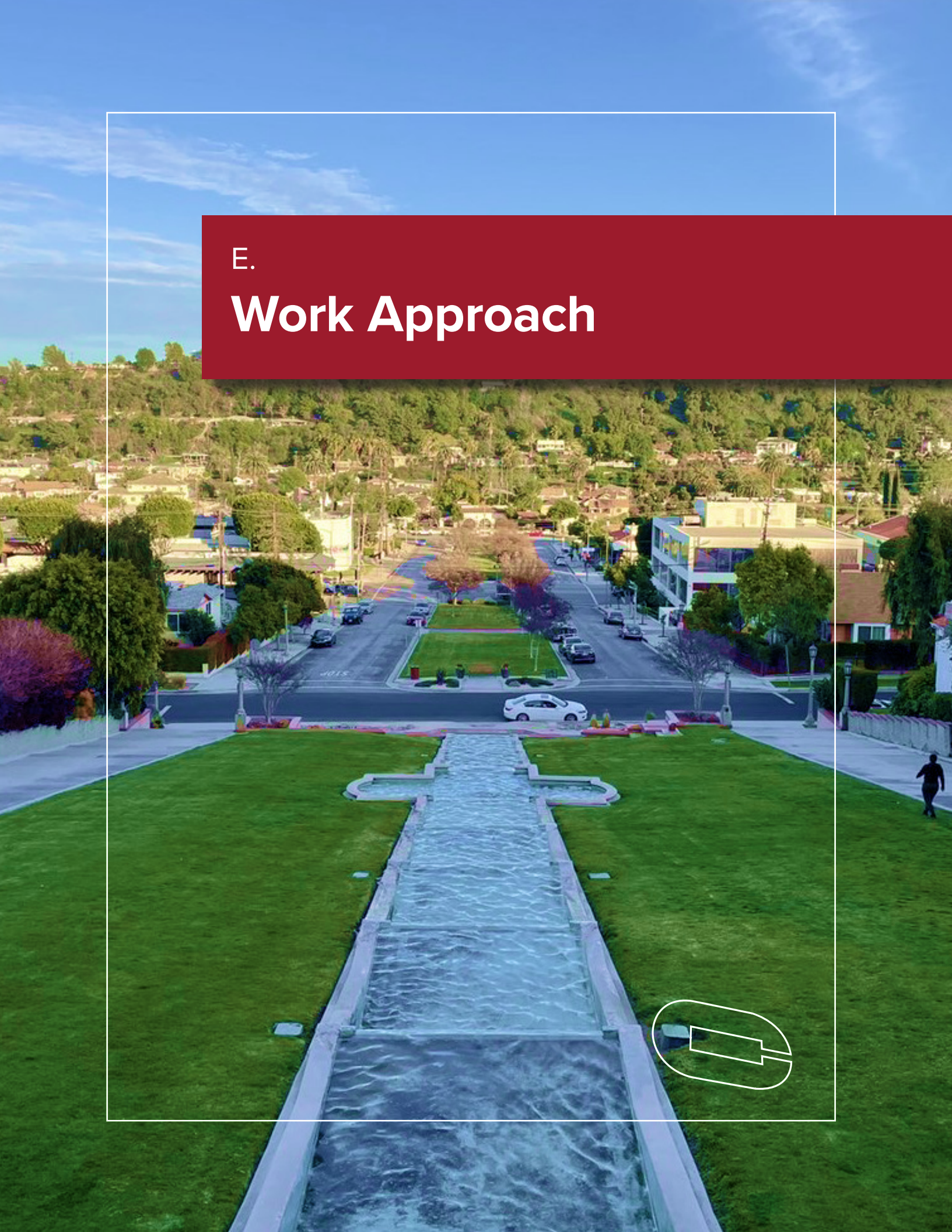
Final design was led by Cordoba's Terry Nash, PE. Under Terry's management and direction, the team worked collaboratively to provide OCTA with a seamless transition from the alternative analysis through final design.

This smooth delivery enabled the project to quickly move into final design and meet the expected start date for construction. Cordoba's study process was consistent with FTA requirements for pursuing New/Small Starts funding, completing the engineering and technical studies necessary to support an Environmental Assessment/Environmental Impact Report, and obtaining concurrence from Orange County, the cities of Santa Ana and Garden Grove and all stakeholders for the LPA.

Once Cordoba delivered the alternatives analysis and conceptual design, Terry Nash led the team in advancing the project through to the submittal of 100% PS&E final design plans for all project elements including track, grade separation bridges, stations, park-and-rides, systems, a maintenance and storage facility, third-party utility coordination, traffic signals and integrating bikeways, pedestrian features and urban/landscape design in downtown Santa Ana.

E.

Work Approach



Added Value: Regionally Influential Advisors

In its 40 years of providing exceptional service and expertise throughout the state of California, Cordoba has become an institution employing Regionally Influential Advisors who continue to influence and make a difference in the communities they live and work in. Cordoba's Managing Partner, Maria Mehranian, plays a key role in overseeing the water and energy projects, including the development of renewable energy infrastructure as well as the creation of renewable water resources strategies. Maria currently serves a member of the Delta Stewardship Council as an appointee of the Senate Rules Committee; also recently appointed by the Los Angeles County Board of Supervisors to the Safe, Clean Water Program's Regional Oversight Committee (ROC). She brings unique value to the City by offering strategic advice on funding, policy development, and inter-agency coordination.

E. Work Approach

Project Understanding

The Cordoba team has reviewed the request for proposals and understands the scope of work of tasks to provide to provide On-Call Engineering Services on a wide-range of planning and engineering projects. Cordoba affirms our proposed team and experience qualify us to provide services to the City in all areas described in the RFP. The Cordoba team is capable of providing a broad range of professional engineering services in support of the Public Works Engineering Division and other departments on an as-needed basis through the issuance of a task order proposal request (Request for Task Order Proposal – RFTP) for each specific project.

Our team is committed to helping the City incorporate and demonstrate the **Pico Rivera 2035 Guiding Principals** through each RFTP that is assigned to Cordoba. These guiding principles match Cordoba's core objectives:

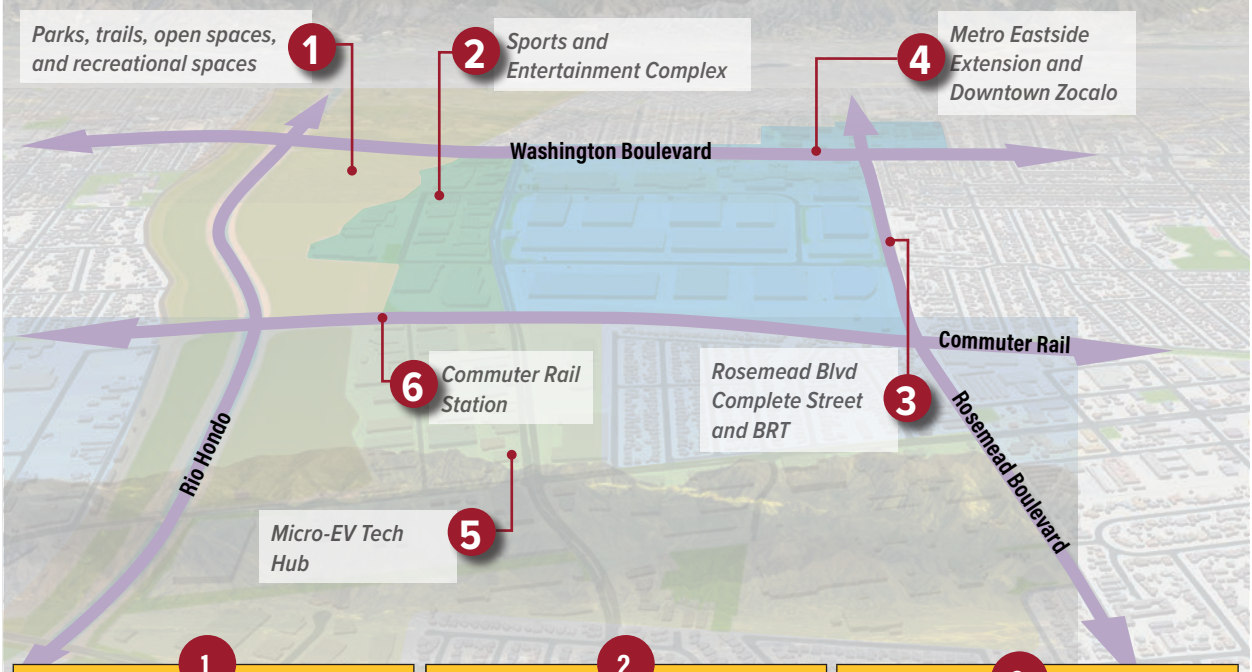
- **Empowering people** through collective impact and collaborative governance. Each project will engage, educate, and empower stakeholders to not only participate but fully integrate diverse perspectives, wants, and needs into the project decision-making process. *Cordoba's diversity aligns by empowering people from a wide variety of backgrounds and skillsets into meaningful project roles.*
- **Harnessing change** to ensure more desirable consensus-oriented outcomes. Harnessing and embracing change will allow healthy and productive discourse that focuses on generating proactive solutions to the most pressing problems. *Our technical expertise manages the most innovative projects – from moving the Space Shuttle Endeavour to the California High-Speed Rail program.*
- **Refining community** by being committed toward active progress, constant improvement, steady growth, positive advancements, and the equitable evolution of the City. *Cordoba is local and brings a local team invested in the long term success of Pico Rivera. Our work on Metro's Eastside is a testament to our commitment to improving the quality of life for the City and the Gateway Cities region.*

We admire and resonate with the **Pico Rivera Youth Ambassadors (PRYA)** program and the City's commitment to promote youth leadership and advocacy; health and wellness; and social and environmental justice. **Cordoba's Pathway to Success program** is a testament to our commitment to inclusivity and social justice. This program is designed to develop employable individuals by giving them the opportunity to become successful employees for Cordoba first, then subsequently clients and other firms. We create an environment of support and growth that will open professional opportunities for talented individuals searching for career advancement.

Understanding City's Goals and Vision

Mass Transit, Active Transportation and Transit Oriented Development (TOD)

The Cordoba team is fully prepared to perform engineering services to support the City's priority in developing a Downtown Master Plan to re-envision approximately 1,080-acres of land to create a mixed-use, livable, regional destination that is transit-oriented, has multi-modal connections, and embraces active transportation. Our team of visionary urban planners and engineering designers have the necessary expertise and talent to help the City implement the goals and objectives of the Downtown Master Plan. We have structured our team and approach to support the goals of the Master Plan.



1

Opportunity. *Improve the quality of life for residents and visitors.*

Approach. *Develop design criteria incorporating stormwater management and recreational uses.Create imaginative spaces that attract residents, visitors, and economic development.*

2

Opportunity. *Activity center "anchor" for economic development.*

Approach. *Perform site analysis and design to maximize the complex's connectivity to multi-modal transportation.*

3

Opportunity. *A new north-south mobility option to enhance the corridor.*

Approach. *Work with BRT team to develop concept designs and alternatives to incrementally support future BRT projects.*

4

Opportunity. *Transit-oriented community centered around a planned LRT station.*

Approach. *Incorporate our knowledge of Metro's plans for the Eastside LRT extension into the design development of the area. We are familiar with Metro and the City's plans for TOD near the station. Vicus Planning, co-author of Metro's TOC Handbook, outlined the framework for Metro's TOC vision and the participation opportunities for member cities.*

5

Opportunity. *Attract and develop infrastructure to incubate the EV market and reduce GHG emissions.*

Approach. *Leverage our expertise with CPUC Tariff Rule 45, which involves collaboration with EV service providers to facilitate the installation of new EV charging stations.*

6

Opportunity. *Build upon the design work we have already completed in the corridor along Rosemead Blvd. Additional multi-modal connection and activity hub.*

Approach. *Leverage our knowledge and relationships in the rail corridor, particularly with CHSRA. We are familiar with the future commuter rail and HSR alignment features, benefits, and impacts, and bring expertise to the City regarding potential station plans.*

Project Approach

The successful completion of each project will require proactive and comprehensive management activities. The Cordoba team will use lessons learned from past projects such as effective assessment of the project site, tight project controls, and close coordination with the City departments and all involved agencies to avoid delays and to build project consensus. The Cordoba team is proud of its recent accomplishments in maintaining and accelerating project delivery. **Our experience expediting drawing approval and permits for construction, pursuing advanced or concurrent plan checks to accelerate review periods, and maintaining an established, respected working relationship with the City and other agency team members, have prepared our team for this endeavor.**

At the outset of the Project, the Cordoba team project manager will work with the City and other appropriate agencies and stakeholders to identify specific goals, objectives, and critical issues, to ensure that project concerns are all fully addressed, and project goals and objectives are achieved through the course of completing the scope of services. For all project phases, the Cordoba team will work closely with the City to agree on mutually acceptable deliverables for each task and element of the scope of services. This first step is essential to obtain a timely approval of the project.

Our approach to each project to complete the required scope of services is as follows:

A. Project Management

Project Management is a key task in every project. In an on-call scenario, resources must be allocated appropriately and overseen to ensure a successful project. The Cordoba team's proactive project management approach will ensure assigned projects under tight schedules are successful and exceed City's expectations.

Dedicated Project Manager: Cordoba's project manager, Terry Nash is a proven professional in the management of large and complex public projects. Terry employs innovative approaches to all aspects of project delivery, including the use of 'tiger teams' to rapidly assess design alternatives to reach early consensus from project stakeholders. Terry has experience in the following areas:

- Planning and project development with Cities (Glendale, Tucson, Santa Ana)
- Transit projects (LRT, Streetcar, BRT, stations)
- Managing projects with multiple tasks and priorities (Tiger teams, developing an integrated schedule, understanding how all disciplines fit together)
- Dedication to Pico Rivera (has had several meetings with City staff to understand their vision for the future of Pico Rivera; committed to their success)

Project Controls: Cordoba employs several project controls specialists in the areas of cost estimating, scheduling, and document control, ensuring project budgets and delivery schedules are met. Cordoba has provided these services to many clients, including California High-Speed Rail Authority, LA Metro, and Los Angeles County Department of Public Works. **The Cordoba team will use the project control plan to keep the project on schedule and within budget, ensure all project participants understand the requirements of the project, and to provide City with a quality end product that meets or exceeds expectations.** To track project progress, we will hold regular status meetings throughout the life of the project and attended by key project personnel. The frequency of these meetings will be determined by the specific requirements of each project. At these meetings we will track the following:

- Status of tasks and milestones
- Status of changes
- Status of decisions and actions

Schedule Management: A project schedule for each task order will serve as a primary communication tool for the entire Cordoba team. Our technical team working with City will develop a master schedule which summarizes the major activities of each major task order. We will begin with a realistic baseline, identify and mitigate schedule slippage early, and identify means to ensure the team can deliver a project with a tight schedule. Our team will use the following steps

throughout the duration of the project to stay on track and move project goals and objectives forward:

- Development and maintenance of a project management plan (PMP) and managing project schedule
- Development and implementation of a master quality plan to handle our team's task order management and execution process
- Project kick-off meeting during the first two weeks of the project
- Bi-weekly project management team (PMT) Meetings
- Weekly regular team check-ins to manage internal team and subconsultants to keep the team and project deliverables focused and organized
- Monthly progress reports and invoicing
- Document sharing and project data management
- Coordination and facilitation of project meetings and preparation and distribution of meeting materials and minutes
- Field reviews, tracking action items for the City and consultant sub-contractors, and, for federally funded projects, and preparing all submissions for the City to submit to Caltrans Local Assistance

B. Community Outreach

The Cordoba team knows the importance of constant coordination and communication with City staff, City Council, other agencies, and project stakeholders. We understand each project will require engagement and outreach activities with various stakeholders with a unique approach that will be tailored to project needs and goals. Our team has an excellent pool of staff with public outreach and engagement expertise who have excelled in previous projects in coordinating and communicating with City, other agencies, and impacted stakeholders. **Our proactive, spirited approach to building positive team relationships while maintaining the mutual respect of all parties has been paramount to our success.** Our team's top priority is to help the City achieve its goals and objectives for each project through intentional community partnerships and multi-agency collaboration. Our team is committed to serving the City's diverse demographics. Understanding that 91% of the population of Pico Rivera is Hispanic/Latino, we have assembled a team with several spanish fluent key staff members such as Edna Jimenez (Arellano Associates); Monica Villalobos (Vicus Planning); and Melissa De La Pena and David Zamudio (Cordoba).

Equitable and Inclusive Methods for Reaching Diverse Community Stakeholders

A mix of traditional and non-traditional outreach methods are necessary to reach out to and seek input from underrepresented communities. We will initiate this through the creation of a community engagement plan – outlining the types, means, and plans for engaging all types of stakeholders. For each task, we will execute according to the plan. This includes scheduling community meetings in easily accessible locations or going to existing community organizations' meetings/events in the evenings and on weekends, making translated materials available at the meetings, as well providing interpretation services and bilingual staff at the meetings. Noticing of meetings will be multi-lingual and include ad placements in culturally relevant newspapers and online publications. Participation in special events will allow the team to meet the community on their terms and allow the City to capitalize on current outreach efforts. We can utilize methods and locations already establish by the City, including the IDEA Lab, website, and mailing lists. Additional outreach can be achieved by supporting door-to-door community canvassing, business outreach efforts, and neighborhood associations. Our team often

partners with community-based organizations to extend outreach efforts by collaborating with organizations who have existing and trusted relationships with underrepresented communities.

C. Preliminary Engineering and Planning Studies

The Cordoba team will leverage its expertise on transit and transportation planning studies and preliminary engineering using principles such as Metro's Transit Oriented Communities, NACTO's Complete streets and transit street design guides, and our work with first/last mile (FLM) analysis and active transportation corridors.

Our approach to this task is to plan, design, collaborate, engage, and prepare with construction in mind. We will perform preliminary engineering design within a framework flexible enough to accommodate future improvements and nimble enough to change quickly when needed, while maintaining linear objectives and delivery. Our team will deliver any assigned project through a collaborative process that is responsive to the City's objectives by targeting innovation in the following areas:

- Beginning already with an understanding of project goals and objectives and organizing a multi-disciplinary tiger team to assess opportunities, requirements, and risks.
- Actively analyzing and continually incorporating value engineering concepts into 10% plan development.
- Actively seeking to reduce project cost and schedule risk by defining the 10% project alignment footprint.
- Develop a criteria matrix for evaluation.

Our team of planners and engineers have the technical expertise to provide services on all parameters needed for final design including:

- Existing and Future Conditions Assessments
- Development of Project Alternatives
- Conceptual and Preliminary Engineering
- Bridge/Structures Reports and Type Selection
- Preliminary Hydraulic/Hydrologic Analysis
- Traffic Operations/ITS/Transit Signal Priority
- Transit Oriented Communities
- Station Area Planning
- Landscape/Urban Design

D and G. Surveys, Mapping, and Right of Way

Led by Psomas, surveying tasks will utilize the right technology for the task, including GPS, conventional surveying (including mobile terrestrial lidar scanning (MTLS) and Static Terrestrial LIDAR Scanning (STLS)) for surveying street areas and join conditions; and traditional aerial mapping for areas that require less detail and accuracy. We have a cost-efficient approach that provides the right level of accuracy for each design element and supports early design activities. We will acquire all right of way base maps and perform right of way surveys to verify information, incorporated into project decision making to minimize impacts and used to complete the acquisition process for easements and permanent takes. Psomas has completed projects using Caltrans' Local Assistance Procedures Manual through their many on-call projects completed for District 12.

E. Environmental Studies and Documentation

The Cordoba team understands the environmental documentation process and requirements per the NEPA and CEQA guidelines. Our team has the expertise and is prepared to complete the necessary documentation for the for the following environmental studies: preliminary environmental study (PES) and completion of any required technical studies for NEPA compliance, CEQA compliance documentation and technical studies, NPDES permit regulations, Regional Board Section 401 certification, and any agency and stakeholder coordination as required for completing the environmental NEPA and CEQA process. Additionally, our team will assist the City with obtaining any encroachment permits as required for the project from agencies such as Caltrans, County of Los Angeles. For federally funded projects, our services will include preparation of all required Local Assistance

Procedure Manual Exhibits for submittal to Caltrans. As an example on the OC Streetcar project, our team completed the environmental analysis which satisfied the requirements of both the CEQA and NEPA. At the end of the study process, a locally preferred alternative was recommended and adopted by Santa Ana and Garden Grove City Councils and approved by OCTA; the City of Santa Ana certified the FEIR and FTA issued a finding of no significant impact for the project, clearing the way for project design and implementation.

F. Utility Research and Coordination

Our team takes a broad-spectrum approach to utility research and coordination and believes that by having a comprehensive strategy for utility coordination, project owners and managers can mitigate utility risk by facilitating communication and information exchange early in the project process. In order to avoid the risk of project delays, high-cost utility relocations, or utility strikes, our team uses utility mapping by reviewing as-built information and public records and working closely with utility agencies such as DWP, MWD, and private and local utilities. **A proactive approach to understanding subsurface utility conditions early on in the conceptual and pre-design phases helps project owners, project managers, estimators, and engineers better understand the utility landscape of their projects.**

Our team's approach emphasizes the identification of conflicts and cost-effective resolutions in a collaborative, iterative process with the utility owners and the design utility coordination team. Together, we will methodically identify, quantify, and clear conflicts between existing utilities and each project alignment. We will conduct utility conflict workshops with each utility owner to discuss proposed resolutions for the conflicts and identify alternative and perhaps more cost-effective approaches to resolving conflicts similar to our efforts on the Eastside project and the utility investigation process that is already underway. We will document conflict resolutions in written correspondence and in meetings. We will also maintain a utility information sheet for each utility conflict commensurate with the design phase to make sure all conflicts are cleared prior to project construction.

H. Design

The Cordoba team brings a wealth of civil engineering technical strengths accompanied by a client-oriented approach. Our team offers the following:

Roadway/Geometrics Design: The Cordoba team brings a proven track record in roadway/street design and geometrics, evidenced by our work on Metro's Eastside project and our prior work with on-call engineering projects for the City. These projects were designed and completed under both very tight schedules and stringent design conditions, responding to updated design criteria for roadway and ADA design, minimizing impacts to adjacent properties and avoiding major disruptions to traffic during construction.

Development of Plans, Specifications and Estimates: The Cordoba team brings a proven capability to design projects through plans, specifications, and estimates (PS&E). Our team has developed strong methods of bid package preparation through its program management disciplines. The team delivers consistent construction bid packages with particular attention to providing sufficient and accurate information to save the client money and fewer change orders during construction. Once the assessment and pre-design report is completed and approved by the City, our design teams will quickly move into PS&E mode: Often, plans will consist of four design package submittals: 30, 60, 90, and 100%.

Cordoba team's CADD staff and roadway designers have hands-on knowledge of local standards and codes from the layout of the sheet border to the detailed design, evidenced by our prior PS&E work for the City. Our team has prepared civil engineering and roadway drawings and design layouts for projects in conformance to the City's specifications and other applicable codes resulting in finished drawings and documentation packages that are camera ready. Our goal is to provide drawings that are in the form of "what the City wants to see" to minimize approval times. **With schedule in mind, the Cordoba team will facilitate over-the-shoulder reviews to facilitate the City avoiding any surprises by taking care of issues before each formal submittal.** This approach will allow the City

a clearer, more effective, and more detailed review of the plans. After submittal of the 60% PS&E to the City, our team's construction management experts will perform constructability and value engineering reviews. This two-tier proactive approach will provide a higher probability in the accuracy of the bid packages and cost estimates. We know what to look for and where mistakes are most often made, increasing the probability of accurate engineer cost estimates.

I. Construction Phase Authorization

When using state and federal funds, understanding the required processes is imperative for successful project delivery. The Cordoba team has extensive experience working with state and federal funds, Caltrans and their processes. In our experience, early and regular coordination with Caltrans results in improved understanding of the often-changing requirements and expedites authorization of the construction phase. Several members of our team have extensive experience with Caltrans projects, providing you with experts to guide the project review and plan checking process.

J. Bid Support Services

Our team of experts have nearly 100 years of combined owner-side experience to help agencies and owners with developing complete bid packages. Our experience includes development of bid documents, pre-qualification of bidders, compliance with public contract code requirements, and managing the process of responding to requests for information and plan clarification as well as developing criteria for bid selection and developing an approach to resolution of bid disputes. We have previously performed these functions for the City on past CIP projects, such as Rosemead/Slauson Avenue and Rosemead/Beverly Hot Spot Improvements.

K. Construction Support Services

Our construction support staff includes engineers and construction specialists, all of whom are highly trained, seasoned experts in their field. During construction, our team has the experience and is prepared to work with City staff to provide and complete the scope of services including, plan clarifications, RFIs, change orders, contractor meetings, design revisions, and preparation of as-builts as we have done with you in the past on the CIP Hot Spots, projects. We provide a wide variety of specialized experience to support the City with plan checking, and our working knowledge of the codes, requirements, and general conditions of City contracts allows us to fill in on plan checking needs immediately.

L. Grant Administration

As discussed above, when using state and federal funds, understanding the required processes is imperative for successful project delivery. The Cordoba team has extensive experience working with state and federal funds, and their processes. In our experience, the Caltrans local assistance team is highly qualified and ready to assist; they are problem-solvers and respond well to early and regular coordination. Cordoba always approaches Caltrans in a spirit of collaboration to find ways for efficient authorization of the preliminary engineering, right of way, utility relocation, and construction phases of project delivery.

Additionally, our team of grant writing specialists have the required expertise to help the City secure finding resources for future projects and initiatives. With our extensive experience in securing grant funds for state and local agencies, the Cordoba team will support the City in identifying and targeting potential federal, state, and local grants that can augment available City funds for project planning, design, and construction. Considering the full range of projects anticipated by the City, there is a similarly broad array of available funding programs that our team will examine for best match for a competitive grant application. Our grant writing specialty team recently supported the City of Montclair, preparing a benefit-cost analysis for proposed property acquisition and infrastructure investments to support future public-private development at the Montclair Transit Center which serves three different regional bus operators adjacent to the Metrolink Montclair Station.

M. Prior Rights Expertise

Our team of experts have years of pre-construction services experience and have been utilized by owners and agencies to conduct prior rights investigations and

research in order to mitigate project risks. Our approach is to work closely with the project utility relocation and coordination teams to right of way documents and title claims to make determinations of existing and prior rights. With experience supporting the delivery of major capital infrastructure programs on behalf of the Metropolitan Water District of Southern California, Metrolink, the Alameda Corridor, and LA Metro, our team is very familiar with the importance of documenting agreements and prior rights to avoid future utility relocation claims.

Ability to Adapt to Unexpected Work

On-call engineering services encompass significant responsibility and delivery mechanisms requiring both a depth of resources, efficiency and flexibility. We have several on-call engineering contracts and understand how to work with the City on a task order basis. **We have structured our team with a combination of technical staff and specialized experts in multiple categories to be prepared for unexpected work. In addition, Terry can tap into the entire Cordoba network, including executive leadership, to provide guidance and strategy where the City requires.**

Feasibility of Oversight, Ability and Willingness to Respond

This work will be managed from our Los Angeles office, where we have all the local resources needed to ensure responsiveness. In addition, most of our team members have local offices in Santa Ana/Los Angeles that will enhance our ability to respond quickly to the City's requests or needs – providing the ability to immediately drive out to check site conditions for a project or drive over for a meeting with the City's project manager to collaborate on a critical issue.

The task leads are very experienced at adjusting to project needs, and have existing relationships between each other, providing a built-in layer of contingency in the case of any unforeseen events. Our task leader teams employ an ongoing exchange of lessons learned that are shared among the team, ensuring current and future tasks also benefit. Timely reporting of status and scope/schedule/budget is key to ensure any adjustments will be applied appropriately. Task to task, these measures will be scaled to the size of the project and discussed with the client manager to account for any specific needs or requests applicable to the task. Methods and standards will also be confirmed at the onset through a scoping meeting prior to the start of work.

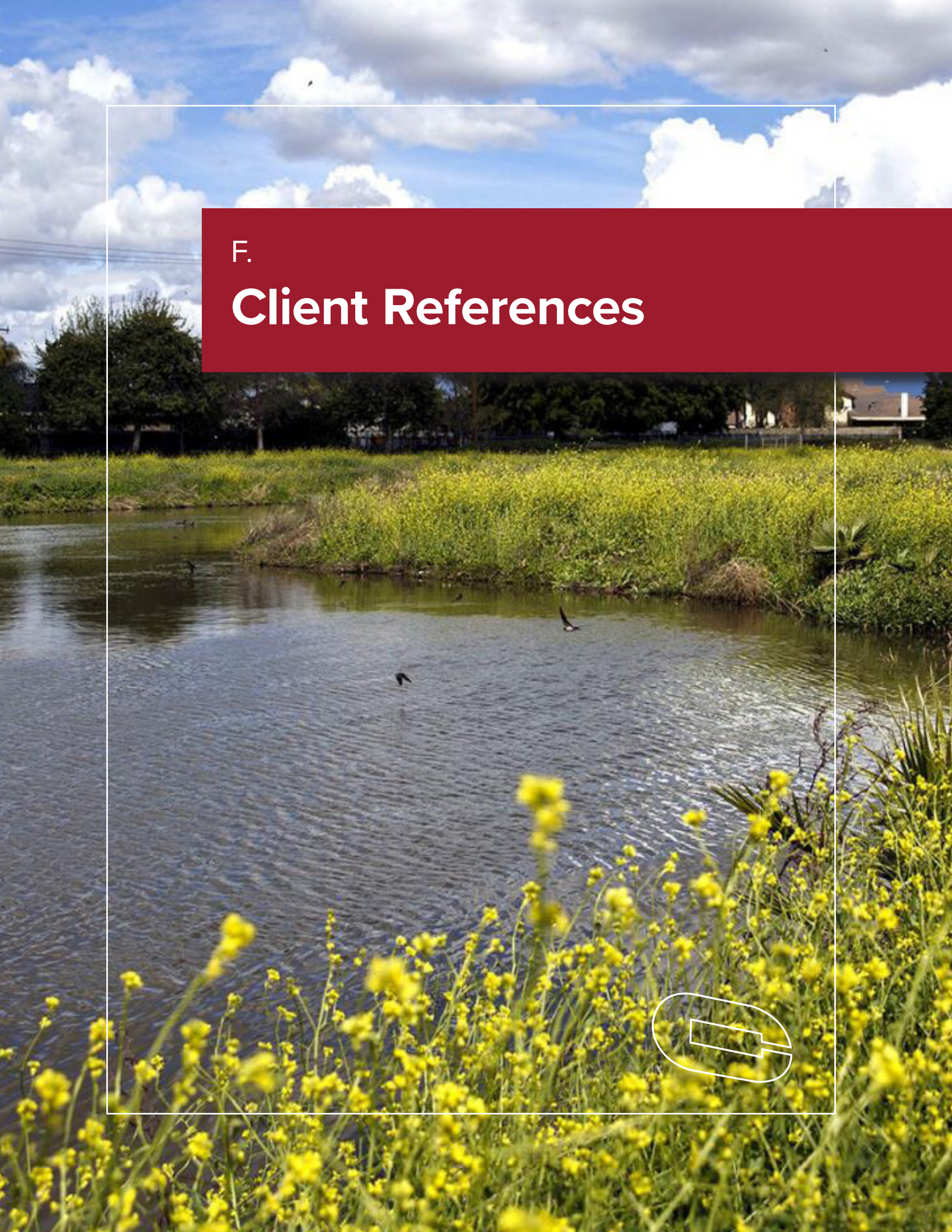
Our task order management and execution process will be handled through the implementation of a master quality plan; this plan will be distributed to all team members, such that quality will be a constant staple of our delivery, independent of which team member collaborated the most or led the deliverable. All deliverables include a QA component. As part of QA, deliverables will be edited by our technical editing team.

Staffing Capability

Cordoba has assembled a team of professional experts that is structured for optimal responsiveness and to enable the most efficient identification of appropriate task order teams and mobilization of needed resources. These staff members are part of a consulting team that understands local projects. This team will work toward the successful delivery of every task order. Our staffing plans will be tailored to meet the needs of each individual task order — our team will prove time and time again that we will do what it takes to exceed City's expectations.

Workload

Our entire identified management team and technical support staff is fully committed to the City and this contract and will be made available upon request. With the support of multidisciplinary teams, our task order managers have a successful history of working on and leading projects that are delivered on or ahead of schedule and within budget. Our ability to do so is a result of strong working relationships with the identified subconsultants, our clients and project stakeholders, coupled with robust schedule control tools and techniques.



F.

Client References

F. Client References

The following project references shows our team's proven experience of meeting the scope, schedule, and project budget. Cordoba's engineering performance and commitment to our industry and our clients has been going strong for 40 years.

ON-CALL CIVIL ENGINEERING SERVICES
City of Pico Rivera | Location: Pico Rivera, CA

PROJECT DETAILS

Client Contact:
Kenner Guerrero, Associate Engineer, PW Department

Address
6615 Passons Boulevard
Pico Rivera, CA 90660

Phone
(562) 801-4351

Key Relevancies and Services
- Project Management
- Stakeholder Coordination
- Staff Augmentation

Cordoba provided general civil engineering and related services in support of the City's CIP and development projects. The work, in general, consisted of project management and engineering design for site development; traffic engineering design for ingress/egress and parking circulation; landscaping; utility services; and environmental/regulatory permitting. Cordoba managed improvement projects as well as coordination with staff and contractors, projects included:

- **Bus Landing Improvements.** Design of bus stop relocation. Improvements included ADA ramp improvements, curb, gutter, and sidewalk improvements.
- **City Hall Electric Vehicle Charging Stations.** Design PSE of two electric vehicle stalls. Design improvements consisted of signing and striping, ADA improvements; sidewalk, curb and gutter modifications.
- **Residential Resurfacing Program, Phase G - Cape Seal Project.** Provided CM services including PSE review, constructability reviews, RFIs, submittal reviews, change orders, project closeout.
- **Pavement Rehabilitation.** Maintain the integrity of the overall street network. The recently conducted Pavement Management System identified the City's pavement deficiencies of street segments citywide. A Pavement Management System conducted in 2015 and City staff survey conducted in 2017, identified 103 miles of roadway (72% of the system) in need of maintenance or repair.

ON-CALL ENGINEERING DESIGN AND SUPPORT SERVICES

Inland Valley Development Agency (IVDA) and San Bernardino International Airport Authority (SBIAA) | Location: San Bernardino, CA

PROJECT DETAILS

Client Contact:

Mike Burrows, IVDA Executive Director

Address

1601 E 3rd St
San Bernardino, CA 92408

Phone

(909) 382-4100

Key Relevancies and Services

- Design and construction management
- Planning and PSE design
- Environmental permitting services
- Grant Funding
- Field inspection
- Stakeholder coordination

Cordoba is assisting the IVDA/SBIAA staff in shaping the San Bernardino International Airport and the surrounding environment. Our professionals have provided services from grant funding application support, planning, environmental, project coordination, engineering design, construction administration, field inspection, and construction management both horizontal and vertical infrastructure improvements. Cordoba's first assignment was to convert the Norton air Force Base into an airport facility. We have provided full engineering design plans and construction management services for two miles of street improvements on the base. The improvements provided an airport street circulator for the new terminal, which was complete under a fast track design schedule.

Completed projects include the following:

- Airport street improvements
- Parking improvements
- Weatherization and building renovation project
- 3rd Street and 5th Street infrastructure improvements
- 3rd Street culvert crossing
- 3rd Street and Victoria Avenue intersection improvements
- 3rd Street landfill improvements
- 3rd Street, Victoria to Palm Avenue design and construction management services

SIDEWALK REPAIR PROGRAM

City of Los Angeles Bureau of Engineering (LABOE) | Location, Los Angeles, CA

PROJECT DETAILS

Client Contact:
Jose Hernandez, PE

Address
100 S. Main Street
Los Angeles, CA 90012

Phone
(213) 972-5057

Key Relevancies and Services

- Design and construction management
- Planning and PSE design
- Environmental permitting services
- Grant Funding
- Field inspection
- Stakeholder coordination

The LABOE Sidewalk Repair Program was created to improve sidewalks and curb ramps throughout the City, with the goal to improve mobility, accessibility, and safety. The scope involves remodeling existing conditions to meet ADA requirements and LABOE Standards.

Cordoba provided engineering design services and project management services. Cordoba also provided bi-weekly reports detailing progress updates, completed investigations, assessments, and recommendations. We conducted field assessment for each site including: site observation, measurements, identifying necessary repairs of the sidewalk, driveway and curb ramps for compliance with the 2010 Americans with Disabilities Act (ADA) Standards for Accessible Design and California Building Code (CBC) requirements, initial tree disposition, clear distances, utility conflicts, easements and right of entry needs, and curb and gutter disposition. Perform all calculations and engineering to complete site designs in accordance with local, state, and federal requirements, including the City of Los Angeles Standard Plans, the 2010 ADA, and the CBC. Our team also provided design support services during construction including plan clarifications, replies to RFIs and change orders.

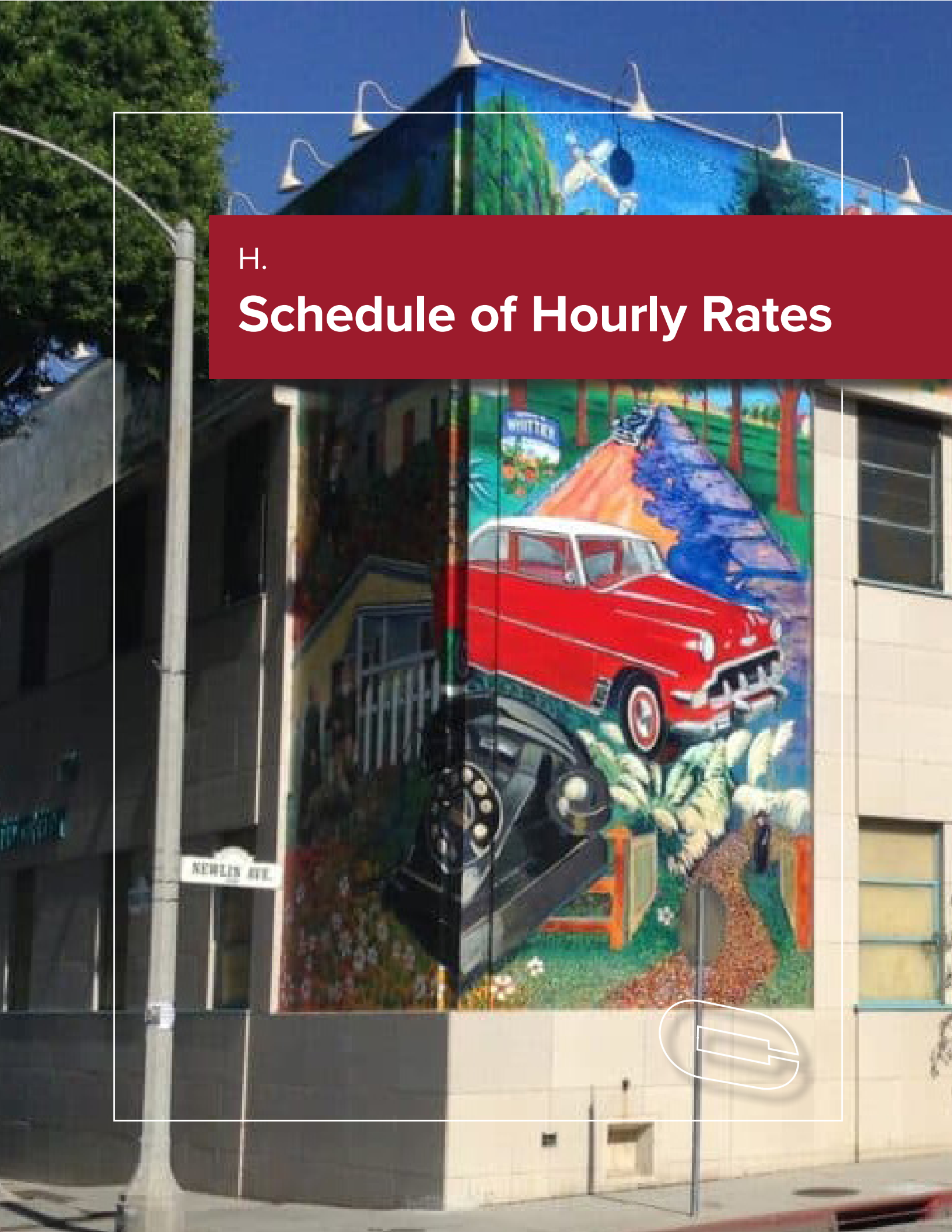
Cordoba closed out the project design in January 2020. The design of six packages, 15 sites each package, was completed in 14 months.

G.

Rights to Materials

G. Rights to Materials

Cordoba Corporation acknowledges that all responses, inquiries, and correspondence relating to this RFP and all reports, charts, displays, schedules, exhibits, and other documentation produced by Cordoba Corporation are submitted as part of the Proposal and will not be withdrawn, upon receipt by the City, and shall become property of the City.



H.

Schedule of Hourly Rates

Evaluation Criteria:

The Cordoba team's proposal includes a Schedule of Hourly Rates that identifies the job titles of all personnel including all subconsultants to be assigned to the City's projects.

Hourly rates reflect costs for office overhead, including direct and indirect costs. The Schedule of Hourly Rates remain fixed for the term of the PSA.

H. Schedule of Hourly Rates

Title/Classification	Experience	Hourly Rate
Project/Design Manager (PE)	16+ years	$307.99
Senior Project Engineer (PE)	12+ years	$271.03
Project Engineer (PE)	8-11 years	$227.91
Engineer III (PE)	5-8 years	$197.12
Engineer II (PE)	3-5 years	$166.32
Engineer I (EIT)	0-3 years	$123.20
Principal Designer	16+ years	$227.91
Designer III	11-15 years	$203.28
Designer II	7-10 years	$172.48
Designer I	4-7 years	$141.68
CAD Manager	15+ years	$163.38
Technician	0-5 years	$73.92
Project Controls Manager	16+ years	$242.55
Sr. Estimator	10-15 years	$221.83
Estimator	5-10 years	$174.65
Sr. Scheduler	10-15 years	$221.83
Scheduler	5-10 years	$174.65
Sr. Cost Analyst	10-15 years	$184.58
Cost Analyst	5-10 years	$135.38
Planning Manager	16+ years	$307.99
Senior Planner	8-11 years	$227.91
Planner III	5-8 years	$197.12
Planner II	3-5 years	$166.32
Planner I	0-3 years	$123.20
Document Control Specialist	0-5 years	$97.88
Sr. Procurement Specialist	5-8 years	$179.18
Procurement Specialist	3-5 years	$147.53

Form

Non-Collusion Affidavit

APPENDIX C
NON-COLLUSION AFFIDAVIT

The undersigned declares states and certifies that:

1. This Proposal is not made in the interest of, or on behalf of any undisclosed person, partnership, company, association, organization or corporation. This Proposal is genuine and not collusive or sham.

2. I have not directly or indirectly induced or solicited any other Proposer to put in a false or sham proposal and I have not directly or indirectly colluded, conspired, connived, or agreed with any other Proposer or anyone else to put in sham proposal or to refrain from submitting to this RFP.

3. I have not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the proposal price or to fix any overhead, profit or cost element of the proposal price or to secure any advantage against the City of Pico Rivera or of anyone interested in the proposed contract.

4. All statements contained in the Proposal and related documents are true.

5. I have not directly or indirectly submitted the proposal price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay any fee to any person, corporation, partnership, company, association, organization, RFP depository, or to any member or agent thereof to effectuate a collusive or sham proposal.

6. I have not entered into any arrangement or agreement with any City of Pico Rivera public officer in connection with this proposal.

7. I understand collusive bidding is a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards.

Signature of Authorized Representative

Randall D. Martinez	Executive Vice President and Chief Operating Officer
Name of Authorized Representative	Title of Authorized Representative

Appendix A

Resumes

EDUCATION

- B.S., 1997, Civil Engineering, University of Arizona

CERTIFICATIONS

- Professional Civil Engineer (PE): CA #87096, AZ #36666, WA #51018
- Envision Sustainability Professional (ENV SP)

MEMBERSHIPS & AFFILIATIONS

- Member, American Public Transportation Association (APTA) – Light Rail Committee
- Member, Los Angeles Chamber of Commerce – Transportation and Goods Movement Council

YEARS OF EXPERIENCE

26

LOCATION

Los Angeles, CA

Terry J. Nash, *PE, ENV SP*

Project Manager | BRT/LRT Interface

About Terry

Terry Nash has extensive experience leading large, complex transit capital projects through project development and delivery phases, and has delivered projects in alternatives analysis/planning, project risk identification and assessment, preliminary engineering, and final design/alternative delivery phases. Terry has served as project manager and engineer-of-record on a variety of transit projects, with an emphasis on project development and delivery within dense urban environments. He is proficient in managing and coordinating all aspects of design, from conceptual layout, alternatives development, capital and operating costs, and impact analysis to final plans, specifications, estimates, and bidding documents.

Project Experience

Engineering Manager; *Eastside Light Rail Phase 2 Extension, LA Metro Los, Angeles, CA.* As part of joint venture with Cordoba, Terry led a team of engineers and architects to define the technical components of the Eastside Phase 2 alternatives. Terry employed an innovative approach of early "tiger teams" to address critical project issues while concurrently performing survey and geotechnical data collection necessary for design; eventually leading to the production of engineering drawings and reports for two 9-mile light rail alignments in support of a Draft Environmental Impact Report. (12/2018 – 2020).

Project Manager; *Glendale-Burbank Regional Streetcar Feasibility Study, Glendale, CA.* The City of Glendale conducted a feasibility study for a potential streetcar line connecting downtown Glendale's center of commercial, retail, and residential centers with the regional Metrolink Commuter and Amtrak rail station. Terry serves as project manager for the study, leading a team focused on identifying alignment, station location, multimodal access, ridership potential, cost, schedule, and recommended next steps for project development, funding, and implementation.

Project Manager; *OC Streetcar Final Design, Orange County Transportation Authority, Santa Ana, CA.* Terry serves as project manager for this $300 million, 4.15-mile streetcar project. Project services include final design for all elements of the project, including civil, track, stations, systems and a maintenance facility. The Orange County Streetcar will travel along a route from the Santa Ana Regional Transportation Center, through Downtown Santa Ana and the Civic Center, along the Pacific Electric right-of-way; connecting the Santa Ana Regional Transportation Center and a new transit hub at Harbor Boulevard and Westminster Avenue in Garden

continued on next page

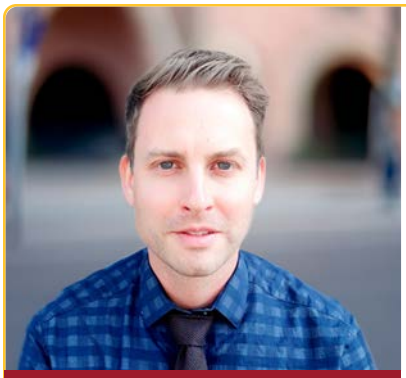
Grove. On the current schedule, construction for the Orange County Streetcar began in 2018, with expected service to begin carrying passengers in late 2024. Terry led a team of 50 professionals to deliver each milestone on time and under budget and received praise from Orange County Transportation Authority for the team's ability to deliver creative solutions, mitigate risks and support them through their first-ever FTA New Starts capital grant application. The team spans more than 10 offices and integrates planning, design, risk analysis and safety/security management.

Station Design Manager; *Sound Transit East Link Light Rail Final Design, Bel-Red Corridor, Seattle, WA.* Terry was responsible for managing the design of four stations, including the integration of a separate systems design contract. He led teams of architects, structural engineers, urban designers, and civil engineers through the 60%, 90%, and final bidding documents, coordinating each element with the client and other stakeholders. Terry led the systems integration of aerial and tunnel segments. He developed methods to streamline the integration process, ensuring efficient use of limited resources to their full extent.

Design Integration Manager; *Sound Transit South 200th Link Light Rail Extension Design Build, Seattle, WA.* Terry served as the design integration manager, leading all aspects of design and system integration in the design/build environment. He established working teams of designers, owner representatives, contractor staff, and systems subcontractors that collaborated in real time. His responsibilities included program interface documentation, design safety certification, integration of system elements, interdisciplinary review, and clash detection.

Engineering Design Manager; *Green Line Light Rail Extension, Massachusetts Bay Transportation Authority, Boston, MA.* Terry served as Engineering Design Manager for rail corridor design responsible for managing the design configuration of the project through the preliminary engineering phase and relaying critical information to the senior management team regarding cost and schedule impacts. Terry also led the development of the FTA Standard Cost Category workbook from engineer's and program estimates and supported FTA New Starts reporting for the project. He created project design criteria for all aspects of final design and created the program's configuration and change management procedures. Terry developed an innovative process to apply the Institute for Sustainable Infrastructure's Envision rating program to the project in order to satisfy state-mandated sustainability goals. He led the project's application to the Envision sustainability rating program, and developed tools to describe the applicability of Envision to the project to gain consensus. Oversaw all technical aspects of preparing documentation and validating credits. His leadership of the Envision process has resulted in the project being on track to receive a Platinum sustainability rating in the Envision program.

Engineering Manager; *Modern "SunLink" Streetcar Program Management, City of Tucson, AZ.* As part of the Program Management Team, Terry served as the Engineering Manager. He was responsible design oversight, quality control implementation, quality assurance of design plans, technical review, streetcar design criteria, and coordination of program challenges with multiple design consultants. The challenges included utility coordination, systems and traction power integration, coordination with vehicle manufacturer, maintenance and storage facility programming and design, cost estimating and program budgeting, station architecture, and management of urban design staff. Terry also managed the technical documentation for FTA reporting requirements, including cost, schedule, and risk assessment.



EDUCATION

- B.S., Civil Engineering, University of California, Irvine, 2007
- M.P.A., California State University, Northridge, 2010

CERTIFICATIONS

- Professional Civil Engineer (PE): CA #C76848
- Envision Sustainability Professional (ENV SP)
- Qualified SWPPP Developer (QSD)
- Qualified Industrial Stormwater Practitioner
- (QISP)

MEMBERSHIPS & AFFILIATIONS

- Member, CMAA, ID 171857
- Board Member – CMAA Southern CA Chapter

YEARS OF EXPERIENCE

16

LOCATION

Los Angeles, CA

John Bodenchak, *PE, ENV SP*

Stormwater Design

About John

John is a licensed Civil Engineer with sixteen years of experience in the public and private sector as a project manager and designer. John specializes in water infrastructure project management, engineering design, and water resources. He possesses strong technical skills, communication ability, and proven success in working as both a collaborative member and leader of large project development teams. John is an Envision Sustainability Professional and is committed to sustainability as a core professional and personal value..

Project Experience

Principal Engineer; *Safe Clean Water Feasibility Studies, City of Los Angeles Bureau of Sanitation, CA.* Prepared feasibility studies for stormwater capture and dry weather water quality improvement projects in accordance with Safe Clean Water Program guidelines for LASAN led regional projects. Prepared all required documentation and uploaded information to the SCWP portal for submission to the County and provided support for public outreach activities and support during project scoring.

Principal Engineer; *Santa Monica Bay Offshore Debris TMDL Monitoring and Reporting, Los Angeles County Department of Public Works, CA.* Conducted annual monitoring and reporting required by the Santa Monica Bay Debris TMDL. Responsible for completing the TMDL monitoring at 22 sites along Santa Monica Bay, analyzing the data for trends or compliance with TMDL metrics, and preparing the annual report for submission to the LA Regional Water Quality Control Board. Recommended changes to the monitoring plan to improve the quality of monitoring data and better assess the County's compliance with the TMDL and assisted in presenting the changes to the Regional Board.

Principal Engineer; *Earvin Magic Johnson Park BMP Effectiveness Assessment, Los Angeles County Department of Public Works, CA.* Conducted water quality monitoring to assess the effectiveness of the treatment system in improving water quality in stormwater and dry weather flows. The treatment system consisted of chlorination, ozone treatment, and biofiltration of captured flows before discharging into a lake. Provided QA/QC for the annual monitoring report.

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Principal Engineer; *SR91 Project Approval and Environmental Document, PS&E, and Stormwater Data Report, Los Angeles County Metropolitan Transportation Authority, Compton, CA.* Prepared a Stormwater Data Report and Drainage Plans, special provisions, and an engineer's estimate for a proposed project to construct a collector-distributor road along SR91 in the Cities of Carson and Compton. The work consisted of completing hydrology and hydraulic calculations for runoff from the proposed project, providing design plans for proposed BMPs to treat the runoff from the project in compliance with Caltrans' Statewide NPDES permit, recommending construction BMPs, and completing a report summarizing the project's water quality regulatory environment and water quality impacts.

Principal Engineer; *Stormwater Capture Parks Program, LABOE, CA.* Completed the Institute for Sustainable Infrastructure (ISI) Envision rating for four stormwater capture park projects in the San Fernando Valley as part of the consultant design team. The scope of work includes completing the pre-assessment checklist, providing recommendations on improving the sustainability ratings for each project, providing input on the pre-design report, compiling documentation and completing the final rating.

Principal Engineer; *San Pasqual Valley Resource Management Plan and Agricultural BMP Design, City of San Diego Public Utilities Department, CA.* Assisted the City of San Diego in preparing a Resource Management Plan for the San Pasqual Valley. The Plan provides direction to agricultural lessees in the San Pasqual Valley on how to maintain compliance with agricultural water quality requirements. Prepared a GIS based assessment of pollutant and sediment loadings for agricultural parcels in the Valley and prepared site-specific BMP designs for several locations in the Valley. Prepared detailed design plans for selected locations for construction by the City's as-needed contractor.

Principal Engineer; *Los Penasquitos Lagoon Restoration Project Erosion Control PS&E, City of San Diego, CA.* Prepared erosion control plans, specifications, and an engineer's estimate for the final design of the Los Penasquitos Lagoon Restoration Project. The project includes floodplain enhancements, outfall upgrades, and habitat restoration in an ecologically sensitive area, requiring extensive erosion and sediment control measures, and prepared construction SWPPP.

Principal Engineer; *Shelter Island TMDL Support and Hydrology Modeling, City of San Diego, CA.* Updated a hydrology model prepared in HEC-HMS for two outfalls from highly urbanized watersheds. After completing the updates to the model, ran the model using rain gauge data from all monitored storm events to generate flow rates used for annual reporting and pollutant loading calculations.

Principal Engineer; *As-Needed Stormwater Management Services, Port of San Diego, CA.* Provided technical reviews for stormwater related submittals for private development and redevelopment projects on Port owned land, including reviewing drainage and grading plans, erosion control plans, Stormwater Quality Management Plans, hydrology reports, CEQA documents and water quality studies. Assisted the Port in updating their WPCP and SWPPP templates for construction projects.

Principal Engineer; *State Route 73 BMP Effectiveness Assessments, Caltrans District 12, San Diego, CA.* Completed hydrology studies to verify and correct drainage areas and runoff coefficients for several existing Austin Sand Filter type BMPs constructed along SR73. The work included conducting field surveys, reviewing as-built drawings, and completing GIS maps and hydrologic calculations. Performed QA/QC and data analysis on flow monitoring data and prepared hydrographs for post storm technical memos using the Caltrans Hydrologic Utility.

EDUCATION

› BS, Civil Engineering, Colorado State University, 1988

CERTIFICATIONS

› Professional Civil Engineer (PE): CA #48179

YEARS OF EXPERIENCE

34

LOCATION

Los Angeles, CA

Richard Chavez, *PMP*

Construction Phase | Grant Administration

About Richard

Richard has over 30-years of experience delivering a wide variety of transportation infrastructure projects. He is skilled at engaging diverse stakeholders and building consensus for expedited project delivery. He worked for the California Department of Transportation (Caltrans), San Diego for 10 years, the San Diego Association of Governments (SANDAG) for 22 years, and WSP, a global planning and engineering firm, for 2 years. He joined Cordoba Corporation in October 2023 and has extensive experience with project management, planning studies, capital program development and delivery, preliminary engineering, CEQA/NEPA environmental planning, land use, economic and financial analysis, performance measures, risk management, scenario planning, equity analysis, road pricing programs, interagency diplomacy, team building, community engagement, teaching and mentoring, and project delivery strategies.

Project Experience

Plan Reviewer; *Project Development, Caltrans, San Diego and Imperial Counties, CA.* While working at Caltrans, plan, design, and inspect construction of a wide variety of rural highway and urban freeway improvement projects. Complete Project Studies Reports, Project Reports, PS&E packages, and construction change orders. Support Caltrans Office of Local Assistance by reviewing permit applications and making recommendations for compliance with Caltrans standards. Work with local cities on transportation infrastructure improvements both on and off state highway system.

Project Management; *Various Projects, Caltrans, San Diego County, CA.* While working at SANDAG, coordinate the efficient delivery of highway, transit, bikeway, walkway, and habitat restoration projects with Caltrans. Oversee Project Management Office for implementation of the region's $14 billion half-cent sales tax program, TransNet.

Scenario Planner; *Various Projects, Southern California Association of Governments, CA.* Develop scenario planning exercises for the Southern California Association of Governments and the Arizona Department of Transportation to better understand the interrelationships of transportation improvement strategies and their effectiveness when facing uncertainty.

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Client Representative; *ITC Light Rail Transit Extension, Inglewood Transit Connector (ITC), Inglewood, CA.* Represent private client during preliminary engineering of the ITC light-rail transit (LRT) extension between the LA Metro Crenshaw/LAX LRT Inglewood Station and new major employment, commercial, housing and sports complex and coordinate client concerns with City of Inglewood.

Preliminary Engineering; *CEQA/NEPA Analysis, I-5 North Coast, San Diego, Solana Beach, Encinitas, Carlsbad, Oceanside, CA.* Preliminary engineering and CEQA/NEPA analysis for 27 miles of HOV Lanes, improve bike and pedestrian access, and double-track multiple segments of LOSSAN heavy-rail corridor.

Project Planning; *Bikeway Program, San Diego County, CA.* Oversee the planning and engineering of a variety of bikeway projects including segments of the Inland Rail Trail, Coastal Rail Trail, San Diego River Bike Path, and the Bayshore Bikeway.

Planning Studies; *Urban Studies and Planning, University of California San Diego, CA.* Developed curriculum and teach various transportation planning topics to undergraduate and graduate students.

EDUCATION

- J.D., Law University of Minnesota Law School, 2006
- Bridge Program Tuck School of Business Dartmouth College, 1999
- B.A., Economics Carleton College, 1999
- Economics Courses Kings College Cambridge University, 1997
- Engineering Courses University of Illinois at Urbana-Champaign, 1993

CERTIFICATIONS

- Law License: MN #0386612

MEMBERSHIPS & AFFILIATIONS

- Project Management Institute
- AACE International

YEARS OF EXPERIENCE

21

LOCATION

Los Angeles, CA

Augustine Chung

Prior Rights | Right of Way Certifications

About Augustine

Augustine is a dedicated professional with a proven ability to manage projects and tasks to completion, manage relationships with stakeholders, and manage quality. He is consistently recognized for his work. Augustine is responsible for managing the Transportation Infrastructure business unit operations, business development, key client relationship management, working with Cordoba's partners in California to deliver projects, and staff development. He also manages all of Cordoba's northern California projects. His consulting work includes contract and procurement support, developing policies and procedures, negotiating contracts and change orders, and developing and implementing processes and best practices.

Project Experience

Senior Consultant; *Oakland Unified School District, Oakland, CA.* Augustine was specifically tasked to review, revise, and implement new policies, procedures, and best practices for OUSD Facilities Program Management due to bond audit findings and grand jury report. He worked closely with the executive staff, program and project management staff, and outside consultants to identify roles, responsibilities, and workflow for the successful management of bond programs.

Deputy Director; *Real Property Compliance, High-Speed Rail Program, California High-Speed Rail Authority, Sacramento, CA.* Augustine was the deputy task lead for the statewide right-of-way program. He was responsible for managing right-of-way staff, database management and analysis, reporting, document control, claims, and contract/task order management. He was also responsible for planning, organizing, prioritizing, assigning, monitoring, and reviewing staff and other consultant work to ensure timely and accurate completion consistent with the Authority's requirements. In this role, Augustine reviewed, revised, and implemented new policies, procedures, and best practices for the Real Property Branch to ensure compliance with the Authority's new statutory rights.

Third-Party Contracts Manager; *High-Speed Rail Program, , California High-Speed Rail Authority, Sacramento, CA.* Augustine was the task lead for the statewide third-party agreements program. He was responsible for quality control, reporting, budgets, workflow management, database management, and establishing policies and procedures. He worked closely with the client to deliver fully negotiated agreements necessary for the successful delivery of the program. Augustine managed a team of contract specialists and contract administrators who negotiated

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highly specialized agreements with cities, counties, railroads, utilities, and federal and state agencies. Other responsibilities Augustine had included: managing the relationships with various internal and external stakeholders, including engineering, financial operations, grant management, project controls, and right-of-way to ensure a coordinated approach to agreement development.

Relocation Manager; *Construction Package 1, California High-Speed Rail Authority, Sacramento, CA.* As a Relocation Manager, Augustine was responsible for delivering agreements for the Central Valley section of the California High-Speed Rail program to support project delivery and procurement. He advised on the approach and strategy for relocating third-party facilities and contract scope packages. He reviewed, drafted, and revised third-party agreements for inclusion in design-build construction procurement. Augustine reviewed, drafted, and revised design-build procurement documents to ensure consistency with third-party strategy and advised the procurement team on the scope of work for the procurement of a construction manager to ensure consistency with third-party strategy.

Task Order Manager; *Merced to Fresno, EIR/EIS, California High-Speed Rail Authority, Sacramento, CA.* Augustine coordinated with cities, counties, and utilities to identify facilities that may conflict with the high-speed rail alignment. He coordinated with engineering, environmental planning, and right-of-way to prepare task order packages for the relocation of utilities identified as conflicts. Along with his coordination responsibilities, he also performed an analysis to identify gaps in the scope of work for utility relocation design related to planned property acquisitions, environmental clearance, and Authority standards. He researched, analyzed, and reviewed state and federal contracting requirements, regulations, and laws. He drafted standard contract forms and other contract templates.

EDUCATION

› B.S., Civil Engineering, University of California Los Angeles, 1992

CERTIFICATIONS

› Professional Civil Engineer (PE): CA #C59447

MEMBERSHIPS & AFFILIATIONS

› Womens' Transportation Seminar – Los Angeles Chapter Board

YEARS OF EXPERIENCE

29

LOCATION

Los Angeles, CA

Melissa de la Peña, *PE*

Preliminary Engineering and Planning Services Lead

About Melissa

Melissa has established herself with over 25 years of experience in transportation engineering and management of large infrastructure projects throughout Southern California and for local municipalities throughout the region. She has managed the preparation of corridor studies, feasibility studies, project studies, design, and specifications and estimates - for highway, major urban transit, and complex interchange improvement projects. Her work on all phases of transportation projects from planning through construction has given her a thorough understanding of federal, Caltrans, and public agency standards and requirements. She provides strong project delivery experience having successfully delivered multiple projects (including on-call contracts for Caltrans District 7 and City of Los Angeles) under expedited schedules. She also offers proven project manager capabilities based on her in-depth experience in managing infrastructure projects involving multiple stakeholders, alternative development, design, traffic, and aesthetics.

Project Experience

Project Manager; *Eastside Transit Corridor Phase 2 Advanced Conceptual Engineering (ACE) and Urban Design, LA Metro, Los Angeles, CA.* The Eastside Phase 2 Project proposes an extension of the Gold Line from its easterly terminus at Atlantic Station, further east towards Whittier. The planning project is to support the supplemental environmental documents and clearance with ACE design and additional studies that will determine the need for refinements to the previously proposed alternatives (the initial Draft EIS/R release in 2014). As project manager of the Joint Venture team, Melissa is responsible for the project delivery, quality, scope, schedule, and budget. She is also involved with stakeholder/owner coordination through the development of the project. Total length of study is approximately 17 miles, and capital cost is estimated at approximately $6B.

Regional Project Manager; *California High-Speed Rail Project, Burbank to Los Angeles and Los Angeles to Anaheim Sections, California High Speed Rail Authority; Los Angeles, CA.* As the Regional Manager for the Burbank to Los Angeles and Los Angeles to Anaheim corridor of the 800-mile statewide California High Speed Rail project, Melissa was responsible for the overall management of a multi-disciplinary consultant team consisting of several consulting firms responsible for the planning, public outreach, conceptual and preliminary design, and

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the preparation of required environmental documentation. These two sections of the program create the urban corridor section largely within an existing rail corridor, which involves multiple owners and stakeholders, also requiring close coordination with a variety of concurrent planned projects in this constricted corridor.

Program Management Team; *Sixth Street Viaduct Replacement Project, LABOE, Los Angeles, CA.* This project proposes to replace the historic Sixth Street viaduct over rail, freeways, and the LA River due to seismic deficiency brought on by a chemical reaction in the concrete. Melissa served on the program management team (Managing HNTB as contractor for the project) as engineering lead for roadway modifications required as part of the bridge replacement and related to the need for other improvements to accommodate detours resulting from the bridge closure, which would last several years. Melissa was also involved with regular community coordination, working with the Los Angeles Fire Department on safety considerations, and managing the development of mitigation for the historic structure through development of a documentary and book covering several historic structures along the LA River.

Project Report Lead; *SR-710 North Study Alternative Analysis, LA Metro; Los Angeles, CA.* The SR-710 North Study evaluates transportation options to improve mobility and relieve congestion within 100 square miles of Los Angeles County. Working with Metro and Caltrans District 7, Melissa led the development of the Project Report which provides an evaluation of all multi-modal alternatives for the 4.5 mile gap of the 710 freeway involving scenarios such as traffic management systems, bus rapid transit, light rail transit, dedicated freight guideway system, heavy rail, commuter rail, multi-modal tunnel, bicycle and pedestrian access, local roads and freeway improvements, and advanced technologies. The goals and objectives of the study included improving north-south mobility and goods movement on the Los Angeles area freeway network; making better use of existing capacity on regional freeways and transit systems; reducing congestion due to through traffic on the freeways surrounding downtown Los Angeles; reducing congestion on local streets near the existing SR-710 termini; and decreasing circuitous traffic in the greater Los Angeles Basin.

Project Manager; *Soundwall PS&E Package 11 (SR-170 and I-405), LA Metro; Los Angeles, CA.* Melissa was responsible for interdisciplinary coordination with Caltrans and development of plans, specifications and estimates for a project to complete soundwall improvements along 3.7 miles of SR-170 and I-405 to mitigate impacts from highway improvements. Associated improvements encompass modifications to utilities, storm drains, overhead signs, best management practices, retaining walls, and widening of structures.

Project Manager; *I-710 South Soundwalls Early Action Project (EAP) Project Report and Environmental Document, LA Metro, Los Angeles, CA.* Melissa was responsible for the design of individual Sound wall projects along the I-710 corridor and ensuring the design was consistent with both existing and future conditions. The goal for this project was to maximize the benefits to the surrounding communities, minimize or eliminate conflicts with future locations, and minimize right-of-way impacts to expedite environmental clearance. She defined the alternatives and potential locations to minimize impacts and provide consistency with the proposed improvements. In consultation with Metro and Caltrans, she developed a strategy to environmentally clear sound walls that required further study. The environmental clearance strategy focused on reusing previously collected data to avoid duplication; minimizing the time, effort, and cost to prepare any additional environmental documentation; and prioritizing sound walls for early construction.

EDUCATION

- B.A., Architecture, University of Minnesota, Twin Cities, MN, 2009

MEMBERSHIPS & AFFILIATIONS

- Metropolitan Council Livable Communities Advisory Committee (LCAC), Site Design, Architecture, Land Planning Specialty Member
- Young Leaders Group (YLG) Executive Committee Co-Chair, ULI Minnesota Chapter
- Urban Land Institute (ULI)
- American Planning Association (APA)

YEARS OF EXPERIENCE

14

LOCATION

Los Angeles, CA

Farveh Makhssous, *PE, ENV SP*

Principal Studies

About Farveh

Farveh is a Principal Planner with over 14 years of experience working on a wide range of projects such as transportation and transit planning, public engagement and communication, environmental planning, land use planning, economic development, and comprehensive and long-range planning. Farveh has extensive and diverse experience working with municipalities, public agencies, private firms, and nonprofit organizations. Farveh is well regarded for her outstanding project leadership and exceptional relationship-building skills. Throughout her planning career whether in the private or public sector Farveh has always stayed true to her passion for building livable communities with the consideration of equity and diversity. She is experienced in managing large and complex projects, understands client needs and priorities, and is skilled at tying those needs back into the stakeholder engagement and ongoing communication between team members and project partners.

Farveh's transportation planning experience consists of local government and DOT transportation plans, planning and environmental linkages studies (PEL), visioning and corridor studies, subarea studies, mobility analysis, system interchange study, managed lane/HOV system study, congestion management safety plans, and EV and connected corridor program.

Project Experience

Senior Transportation Planner; *Bolton & Menk, Inc, Minneapolis, MN.* Project management and technical lead in transportation planning, corridor studies, subarea studies, and long-range planning projects for DOT, MPO, local municipalities, and county clients. Staff management, business development, relationship building, client service management, and proposal writing. Managed and facilitated public engagement process, project communication and messaging. Conducted environmental reviews such as EAW, AUAR, and developed technical reports.

Senior Planner; *Sambatek Inc, Minnesota, MN.* Planning Group Lead. Wrote proposals, business development, and managed projects. Conducted transportation planning projects, corridor studies, subarea studies, LRT, TOD, and long-range planning projects for DOT, MPO, local municipalities, and county clients. Built relationships with clients and project stakeholders. Facilitated public participation process, project communication, and messaging. Conducted environmental reviews such as EAW, AUAR, Hybrid EA, and technical report writing.

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Planning Consultant; *City of Maple Grove, MN.* Reviewed development projects, residential permit applications, and developed architectural project point system for residential project. Managed Green Step Cities Program for the City of Maple Grove. Developed Form Based Codes for the Maple Grove Gravel Mining Area. Managed Green Gateway Sustainable Neighborhood Development Plans. Conducted research and data analysis, technical writing, and ArcGIS analysis and maps.

Community Development Specialist; *City of Eden Prairie, MN.* Developed Southwest LRT TOD Station Area Plans, EIS Review for SWLRT, and developed green energy ordinances. Managed LCDA grant application and developed City of Eden Prairie's Housing and Economic Development Strategic Plan. Developed sustainable neighborhood development plans and conduct ArcGIS analysis and maps.

Community Development Intern; *City of Shoreview, MN.* Conducted neighborhood profiles for townhome and condominium associations, Common Interest Communities (CICs). Developed Shoreview Housing Action Plan and LCDA grant application. Maintained the City's vacant foreclosure property database and developed vacant commercial property report. Conducted ArcGIS analysis and maps.

EDUCATION

› B.S., Environmental Design, University of California Davis, 1987

YEARS OF EXPERIENCE

39

LOCATION

Los Angeles, CA

Heidi Marnocha

CAD

About Heidi

Heidi is an accomplished Professional Pipeline/Civil Designer with a solid background in civil design. She is experienced in plans, profiles, sections, grading, and details. Heidi has a comprehensive understanding of engineering and design principles. She is a collaborative and successful team member and has frequently received recognition for achievement in performance, reliability, thoroughness, going above and beyond her assigned duties, and excelling on the job.

Project Experience

Principal Designer; *Inland Valley Development Agency, San Bernardino, CA.* Heidi created the exhibit for 3rd Street, 5th Street, and Sterling Ave to show proposed improvements for the Off-site Street Improvements.

Principal Designer; *Southern California Gas Company, WASCO Primex, Santa Ana, CA.* Heidi helped lead the design for the upsize of 9 miles of existing 6-inch diameter steel pipe with a 10-inch new steel main and derate the existing pipeline. The new pipeline will be installed along Lerdo Highway starting east of Magnolia Ave and head west toward Wildwood Road where it will head north and dead end at Primex Farms, north of Kimberlina Road. Six road crossing will have a 10-inch HDD with 16-inch Casing. The existing line will be derated to medium pressure and capped at the east end of the line. Any existing lines will be capped and abandoned in place.

Principal Designer; *GTSR-PSEP L-1005-P2-Hydrotest, Southern California Gas Company, Santa Ana, CA.* Heidi helped lead the design for the Feature Study, Land Exhibits, and design for about 39 miles (205425 ft) of 20-inch Line 1005-P2 requiring hydrostatic testing in PSEP Phase 2.

Principal Designer; *PSEP L-3000 E Phase 2A, Southern California Gas Company, Santa Ana, CA.* Heidi helped lead the design for the Feature Study, Land Exhibits, and design for about 115 miles (611.500 ft) of 30-inch Line 3000 East requiring hydrostatic testing in PSEP Phase 2A. The transmission pipeline summary lists the MAOP at 936 psig. The project will consist of four construction phases to test 115.092 miles of Category 4 pipe running West to East from South Newberry Station to the South Needles Compressor Station. The scope will include 15.7358 miles of incidental pipe, all segments lie within Class 1, non-HCA locations.

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Principal Designer; *Variety Projects, Southern California Gas Company, Los Angeles, CA.* Cathodic Protection Projects, Leak Repair Projects, Span Relocation Projects, Valve Replacement and Relocation Projects throughout Southern California. Heidi has researched, designed, and reviewed several projects for the Gas Company, complying with Southern California Gas standards and formats. Researching as-builts, pictures and notes she can design plans profiles and sections and put together complete packages for the gas Company.

Lead Designer; *Eastside Transit Corridor Phase 2, LA Metro, Los Angeles County, CA.* Heidi aided in the Alternate design of Phase 2 to meet deadline and coordinate plans.

Principal Designer; *Cristianitos Extension Project, Camp Pendleton, San Diego Gas and Electric (SDG&E), CA.* Heidi designed 2.65 miles of new gas line near and in Camp Pendleton. Approximate 0.03 mile of 4-inch steel installation tapping off L-1026 along El Camino Real into an above ground dual-run regulator station and 2.62 mile 6-inch polyethylene pipe along Cristianitos Road into a meter set assembly. Estimated 26 Bores and one 700 foot 6-inch poly HDD with a 10-inch steel casing, and a shallow bed cathodic protection station.

Principal Designer; *Access Request Acceleration for the sidewalk Repair Program, Los Angeles Burearu of Engineering (LABOE), Los Angeles, CA.* Heidi aids in Curb Ramp design, sidewalks and driveway replacement. She updates quantities and Hybrid maps for several areas in the City of Los Angeles.

Senior Lead Designer; *Landside Access Modernization Program, ConRAC, Los Angeles World Airport (LAWA),Los Angeles, CA.* Heidi researched and developed utility base maps along Arbor Vitae, La Cienega, and Manchester Square for the future development of the LAX Airport and services.

Senior Designer; *Design Build Construction Package 2-3, California High Speed Rail Authority, Central Valley,CA.* The CAHSR CP 2-3 provides 65-miles of infrastructure improvements required for the future High-Speed Rail (HSR). Heidi designed Irrigation Canals and Utilities (wet and dry) throughout the 65 miles of segment 2 and 3. She prepared plans and profiles for canals and wet utilities as well as prepared details necessary for structures needed for the canals and utility relocations.

Lead Designer; *Pipeline Safety Enhancement Program (PSEP), Kinder Morgan, San Diego, CA.* Heidi was the Lead Designer on several pipelines in San Diego and Los Angeles County. She prepared plan and profiles, bill of materials, details, and traffic control plans from the feature study phase to completion drawings. Heidi prepared Southwest gas maps from start to finish using plat and parcel maps, designed new pipelines, relocated, and abandoned existing, and designed of Pipelines for Kinder Morgan. She team lead on projects and mentored others.

QC Lead Mapper / Date Miner; *NEWTECH Resources, Irvine, CA.* In her role, Heidi performed Record Verification for San Diego Gas and Electric Company and Southern California Gas Company. She also performed quality control for various Gas Line spreadsheets, researched data on PDMS (Pipeline Document Management System) and the Gas Company's GIS system, and prepared global pre-assessment template (GPAT) spreadsheets using information found in work orders. Data needed to fill in spreadsheets found in documents such as as-built/completion drawings, design data sheets, test charts, materials lists, test report and other miscellaneous job reports.

EDUCATION

- J.D., University of the Pacific, McGeorge School of Law, Sacramento, CA, 2011
- B.A., International Affairs George Washington University, Washington, DC, 2008

CERTIFICATIONS

- California, SBN 283308 Ninth Circuit Court of Appeals (2012)
- United States District Court, Eastern District of California (2012)
- United States District Court, Central District of California (2012)
- United States District Court, Southern District of California (2012)

YEARS OF EXPERIENCE

11

LOCATION

Los Angeles, CA

Kristal McCain

Bid Support

About Kristal

Kristal is responsible for leading the developing procurement documents and managing procurement processes for competitively procured design, construction, alternative delivery (including design-build, progressive design-build, DBM, DBOM) and complex professional service contracts for the High-Speed Rail Project. She has managed the procurement process for projects valued over $1.5 billion and is also responsible for management of procurement and other project staff.

Project Experience

Project Manager; *Cordoba, Sacramento, CA.* Kristal is responsible for project management of multiple Cordoba Corporation transportation projects, including BART and VTA projects. She prepares invoices and related documentation, manages task orders, work authorizations, change orders, and personnel for 10+ staff across four projects in three cities.

Senior Commercial Specialist (Commercial Lead); *California High-Speed Rail Program, California High-Speed Rail Authority, Sacramento, CA.*

- TRACK & SYSTEMS - Kristal manages document development and procurement processes for $1.6 billion DBOM track and systems infrastructure construction, maintenance, and operations contract that includes design, construction, testing and commissioning, and O&M phases. She supports development of enterprise strategy for insurance to manage project and program risk. She is responsible for managing procurement schedules and project team meetings, and collaborating with multiple functional groups, including rail engineering, risk management, legal, project controls, and finance. Kristal is the lead responsible for managing bid processes, proposer meetings, and evaluation documents and procedures.
- ROLLING STOCK - Kristal is responsible for managing document development and procurement processes for the DBM procurement of California High-Speed Rail train sets, train sets maintainer, and maintenance facilities. She is also responsible for managing procurement schedules and project team meetings with multiple functional groups, including rail engineering, legal, labor compliance, risk management, project controls, and finance. She managed industry review process, including a request for expressions of interest, RFIs issued to industry, comment resolution, and one-on-one meetings

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with industry members and other external stakeholders, such as federal regulators and organized labor.

› CIVIL CONSTRUCTION - Kristal manages document development and procurement processes for future civil construction packages, including tunneling and extensive structures, and project and construction management contracts. She is the lead responsible for managing procurement schedules and project team meetings, and collaborating with multiple functional groups, including engineering and technical teams, risk management, legal, project controls, finance, environmental, and construction. She is the lead responsible for managing bid processes, proposer meetings, and evaluation documents and procedures.

› EARLY TRAIN OPERATION - Kristal managed procurement documents and processes for early operator consulting agreement and resulting franchise operating agreement. She managed addenda, bidder inquiries, and evaluation documents, processes, and procedures. She also managed and assisted with proposer meetings, including industry meetings and interviews. Supported the protest resolution process, contract negotiations, and contract execution.

Commercial Specialist; *California High-Speed Rail Program Early Train Operator, California High-Speed Rail Authority, Sacramento, CA.*

› CONSTRUCTION PACKAGE 4 - Kristal managed document development and procurement processes for $500 million design-build contract and $33 million project and construction management contract. Lead responsible for managing procurement schedules and project team meetings, and collaborate with multiple functional groups, including engineering and technical teams, risk management, legal, project controls, finance, environmental, and construction. Provided bid services including manage pre-bid RFIs both to and from potential proposers, and assist with post-bid RFIs. Assisted with and advised on procurement evaluations. Assisted with proposer meetings, including industry meetings, interviews, and post-award contract negotiations. Assisted and advised on insurance compliance and small business program compliance, including drafting and interpreting contract language and checking compliance.

› CONSTRUCTION PACKAGE 2-3 - Kristal managed document development and procurement processes for $1.2 billion design-build contract and $85 million project and construction management contract. Lead responsible for managing procurement schedules and project team meetings, and collaborate with multiple functional groups, including engineering and technical teams, risk management, legal, project controls, finance, environmental, and construction. Provided bid services including manage pre-bid RFIs both to and from potential proposers, and assist with post-bid RFIs. Assisted with and advised on procurement evaluations. Assisted with proposer meetings, including industry meetings, interviews, and post-award contract negotiations. Assisted and advised on insurance compliance and small business program compliance, including drafting and interpreting contract language and checking compliance.

EDUCATION

- Juris Doctor, Emphasis in Environmental, Land-Use and Real Estate Law, Chapman University School of Law, 2005
- B.A., Economics, University of California, Irvine, 1988

MEMBERSHIPS & AFFILIATIONS

- American Bar Association (ABA); Association of Environmental Professionals (AEP); Association of Analytical Chemists (AOAC); American Industrial Hygiene Association (AIHA)

YEARS OF EXPERIENCE

32

LOCATION

Los Angeles, CA

Paul Mead, *JD*

Environmental and Permitting Lead

About Paul

Paul has 30 years of experience managing environmental programs and compliance efforts for Public Utilities, Industrial, transportation, infrastructure, education, commercial development, and local governments (state/county/cities) clients. He is a licensed California Attorney, who has served as In-house Counsel, graduating from law school with special certification in Environmental, Land-use and Regulatory Law. Paul's Specialties include managing regulatory/permitting programs for large infrastructure projects and representing a wide range of clients in communications and negotiations with federal/state regulatory/ administrative agencies. He also manages preparation of environmental documents/studies (CEQA/NEPA), permit applications with Federal/State Agencies, including U.S. Army Corps of Engineers, U.S. Fish & Wildlife Service, U.S. Forest Service, State Water Resources Control Board, Regional Water Quality Control; Boards, California Coastal Commission & LCPs, California Department of Fish & Wildlife, Caltrans, CERCLA/RCRA, and the California Public Utilities Commission (CPUC).

Project Experience

Permitting Specialist; *Ballona Creek TMDL Project, City of Los Angeles, Department of Sanitation (LASAN), CA.* Oversee permit preparation, submittal, and agency coordination program for LASAN's Ballona Creek Watershed Total Maximum Daily Load project. Includes coordination with the Army Corps of Engineers, Los Angeles Regional Water Quality Control Board, and California Department of Fish & Wildlife, LASAN and other regional Cities/Partners within the watershed. This project includes substantial permitting components including working with state and federal agencies to secure Lake and Streambed alteration agreements(s) CAF&G, §1602); Water Quality Certification (Clean Water Act, §401); Dredge/Fill permits (Clean Water Act, §404); and Permission to Modify federal facilities (Rivers & Harbors Act, §408).

Consultant/Director; *Environmental Compliance Objectives.* Managed a small environmental consulting firm, providing client representation in negotiations with federal and state agencies on regulatory matters. Advocated for projects before lead agencies/public hearings, and in administrative proceedings including appeals. Prepare and environmental documents/studies (CEQA, NEPA) and regulatory permits (Clean Water Act §§404, 401; Fish & Game §1600/1602). Provided technical and legal review of environmental documents/studies and permit applications.

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- Successfully negotiated an agreement with the Army Corps and U.S. Fish & Wildlife (ESA §7) for a residential development project in critical habitat saving client over $7 million in mitigation cost.
- Successfully petitioned the Army Corps of Engineers for removal of several large ground water recharge basins from federal jurisdiction and negotiated with state agencies to either eliminate or reduce potential mitigation saving client over $10 million.

Southern California Regulatory Permitting Lead; *California High-Speed Rail Project, California High-Speed Rail Authority (CHSRA), Los Angeles, CA.* Oversee regulatory permitting for the southern half of California's High-Speed Rail Project (Bakersfield to Anaheim). Key initiatives, responsibilities and accomplishments include:

- Oversee regulatory permitting for the southern half of California's High-Speed Rail Project (Bakersfield to Anaheim). Key initiatives, responsibilities and accomplishments include:
- Successful negotiation of a multi-agency Memorandum of Understanding (MOU) between the CHSRA, federal lead agency, and cooperating agencies under NEPA.
- Developed strategic plan for securing Special Use Authorization (SUA) for tunnel construction in Federal lands.
- Successfully secured authorization (Permitting/CEQA/NEPA) for multi-year tunnel feasibility studies in the National Forest.
- Developed strategic plan for regulatory compliance for rail construction in the San Andreas Fault Zone, Santa Clara River, Angeles National Forest, and other areas with heightened resource sensitivity.
- Manage coordination / agreements with resource agencies including EPA, Army Corps, U.S. Fish & Wildlife, California Department of Fish & Wildlife, State Water Resource Control Board, U.S. Forest Service, and other agencies covering multiple agency jurisdiction.
- Manage subcontract environmental consulting firms and legal staff in task development.
- Oversee permit application preparation, coordination, and implementation in Southern California.
- CEQA/NEPA Environmental Impact Statement / Environmental Impact Reports (EIS/EIR) document-study preparation/review for four project sections within the HSR program.

Director of Environmental Program; *California High-Speed Rail Authority (CHSRA).* Director of the Environmental Program for the Program Delivery Support Contract ($470 million) supporting the construction of the nation's first high-speed rail system, a program currently estimated at $128 billion (one of the largest transportation infrastructure programs in the United States). The CHSR program is a complex system involving multiple project sections divided into phases. The project include construction of two tunnels exceeding 14-miles in length, with thirty miles of shorter tunnels throughout the system. (AECOM):

- Managing the Development, Implementation, and Staffing of the PDS program
- Managing a staff of approximately sixty environmental professionals, and multiple subcontract firms
- Coordination with Federal/State Agencies
- Coordination with CHSR internal and outside legal Counsel
- Manage multiple service groups

Roberto Ramirez, *PE*

Design Lead | Roadway Design

EDUCATION

› B.S., Civil Engineering, California State University Sacramento, 1997

CERTIFICATIONS

› Professional Civil Engineer (PE): CA #C66871

YEARS OF EXPERIENCE

27

LOCATION

Los Angeles, CA

About Roberto

Roberto is known for his successful design efforts. He has a proven track record delivering large-project plans, specifications, and estimates (PS&E) production, and demonstrated effectiveness in completing projects on time and within budget, while addressing client needs throughout. His well-rounded design and construction management experience, beginning with geometric alignments, roadway/highway design, drainage improvements, SWPPP development, and cost estimating allows him a clear understanding of the final PS&E package. As a project moves from design into construction, Roberto provides effective conventional construction support, as well as offering years of direct interface with the contractors as part of his design/build experience.

Project Experience

Senior Project Manager; *On-Call Engineering Services, City of Pico Rivera, CA.* Roberto provided general civil engineering and related services in support of the City's CIP and development projects. The work, in general, consisted of project management and engineering design for site development; traffic engineering/design for ingress/egress and parking circulation; landscaping; utility services; and environmental/regulatory permitting. He managed a variety of street improvement projects as well as coordination with staff and contractors regarding site development projects.

Project Manager; *Los Angeles County Public Works PM Division, Cordoba.* As a Project Manager, Roberto has been responsible for working with LA County Public Works PM Division on various projects. Roberto manages the project from preliminary design to project closeout working with various departments to keep the project on schedule and within budget. His responsibilities include working with project controls, design, environmental, utility group, and community outreach. His priority is to provide updated status on budget and schedule, as well as maintaining a risk log and issues log, monthly..

Project Manager; *Broadway/Brazil Roadway Improvements, City of Los Angeles DPW BOE, Los Angeles, CA.* Roberto was the project manager for roadway infrastructure improvements implemented by the LA Department of Transportation near the intersection of Broadway and Brazil in Los Angeles. The work included civil design from 50% completion to final. The team was required to deliver the project on a fast-track two-month schedule. The project was particularly challenging since it is in very close proximity to the Metrolink and Amtrak rail tracks.

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Project Manager; *TOS 50 Project Design Services on Access Request Acceleration for the Sidewalk Repair Program, LABOE, Los Angeles, CA.* Roberto served as the Project Manager for assessment and full design PS&E preparation of sidewalk improvement plans which included curb ramp, sidewalk, curb/gutter, and driveway for numerous sites throughout the City of Los Angeles. He was responsible for managing the team in delivering 90 sites on accelerated schedule.

Senior Project Manager; *Space Shuttle Endeavour Transport Project, California Science Center, Los Angeles, CA.* Roberto's role was to plan and execute the transport of the Shuttle between LAX and its ultimate home at the California Science Center. It included identifying obstructions along the transport route and developing and implementing strategies for their removal. His expertise in transportation engineering was key for the successful coordination of the temporary clearance work required along the 12-mile route.

City Engineer; *City Engineering Services, City of Industry, CA.* Roberto served as contract City Engineer on behalf of Cordoba Corporation for the City of Industry. He managed staff in support of the City's Capital Improvements Program (CIP) and General Engineering services. Cordoba Corporation provided the services for overall program management of the CIP, and City Engineer responsibilities.

Project Manager; *Crenshaw/LAX Transit Corridor, Cordoba Corporation, LA Metro, Los Angeles, CA.* Roberto provided design oversight for Metro's management oversight team on the Crenshaw/LAX Transit Line project. He applied his expertise in roadway design, rail design and utility coordination. The project is an 8.5-mile light rail line that extends services between the existing Metro Green Line, near the Aviation/LAX Station, and the Exposition Line at the intersection of Crenshaw Boulevard and Exposition Boulevard. Additionally, Roberto oversaw the storm drain and roadway improvements. The work included designs, permitting, and approvals, coordination with storm drain design of guideway including tunnel sections, stations, park and rides, and TPSS, drainage design modifications as a result of roadway modifications, hydrology/hydraulics reports.

Project Manager; *3rd and 5th Street Roadway Improvements, Inland Valley Development Agency/San Bernardino International Airport, CA.* Roberto managed the PS&E preparation for roadway improvements and underground infrastructure improvements, which included storm drain, sewer, and water, along 3rd and 5th Streets in San Bernardino and Highland, California. The roadway improvements encompassed approximately 4.0 miles which included pavement reconstruction/rehabilitation, AC overlay and widening. The improvements also included two structural crossings designed over an existing drainage open channel. As the project manager, Roberto delivered a bid-ready package for client to expedite Contractor bids as Construction Management At-Risk delivery method.

Project Manager; *Roadway Improvements, San Bernardino International Airport, CA.* Roberto managed the PS&E preparation for roadway improvements surrounding the airport in preparation for conversion from military to civilian/commercial service. Under an extremely fast-track schedule coordinating all roadway improvements with 15 stakeholders adjacent to the future commercial airport. Roberto performed Design and Construction Management Services overseeing roadway improvements surrounding the San Bernardino International Airport, comprising approximately 8,800 linear feet of street widening, reconstruction and/or restriping. The street improvements included drainage, sidewalks, utility adjustments and relocations, streetscape and landscaping, traffic signals, signage, and street lighting.

EDUCATION

› B.S., Civil Engineering, California State University Northridge, 2007

CERTIFICATIONS

› Professional Civil Engineer (PE): CA #C78273

YEARS OF EXPERIENCE

16

LOCATION

Santa Ana, CA

Jose Rodriguez, *PE*

Bid and Construction Support Lead

About Jose

Jose is a professional civil engineer with sixteen years of experience in supporting infrastructure projects throughout Southern California. He is particularly skilled in working with a team of designers to deliver a project and has demonstrated abilities in guiding a project and establishing procedures. He has developed standard plans, details, procedures, and engineering and drafting manuals that serve as the standards for his clients. He has a proven understanding of Quality Assurance and Quality Control (QA/QC) as it relates to infrastructure products including port and roadway projects (Cal Trans).

Project Experience

Project Engineer; *Safe, Clean Water Program Feasibility Studies - Round 3 and 5, LA Sanitation and Environment (LASAN), CA.* The project consists of developing feasibility studies for submittal through the County of Los Angeles Safe, Clean Water Program (SCWP) for the third and fifth round of the Call for Projects. The feasibility studies for each project consists of selecting and assessing appropriate stormwater best management practices (BMPs) to maximize the SCWP Project Scoring Criteria. Mr. Rodriguez is responsible for the team tasked with preparation of assessments, designs, plans, and other project documentation comprising each feasibility study.

Design Engineer; *MacArthur Lake Stormwater Capture Project, LA Sanitation and Environment (LASAN), CA.* This is a project funded through the Los Angeles County Safe, Clean Water Regional Program (SCWP). The project is a stormwater project that aims to capture stormwater to compliment other projects in the Ballona Creek Watershed and use captured stormwater to supply water to MacArthur Lake. Mr. Rodriguez worked as part of a team to prepare the Basis of Design Report for the project. The report included assessment of site utilities, selecting and assessing appropriate stormwater best management practices (BMPs), preparing cost estimates, alternatives analysis, and preparing civil design plans..

Project Engineer; *Sidewalk Repair Program, City of Los Angeles Bureau of Engineering, CA.* The Sidewalk Repair Program is an access request program that entails the assessment and replacement of existing facilities within the City of Los Angeles public right of way. Mr. Rodriguez is responsible for preparation of assessments and plans and QA/QC of project documentation per the City and ADA standards.

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Plan Review Engineer; *Sepulveda Feeder PCCP Rehabilitation, Metropolitan Water District of Southern California, CA.*
The Prestressed Concrete Cylinder Pipe (PCCP) Rehabilitation Program includes the inspection and rehabilitation of the Sepulveda Feeder pipeline. Mr. Rodriguez was responsible for review of existing utilities for pipe access site plans. This included coordinating and assessing storm drain, sewer, gas, electrical, and other utility plans from multiple cities and agencies to help resolve any potential conflicts within the pipe access sites.

EDUCATION

- B.S., Structural Engineering, University of California Los Angeles, 1978
- M.S., Construction Management & Finance, University of Southern California, 1980

CERTIFICATIONS

- Professional Engineer-in-Training: CA #53861
- PMP Certification I
- PMP Certification II

YEARS OF EXPERIENCE

30

LOCATION

Los Angeles, CA

Kay Taheri, *PMP*

Quality Manager

About Kay

Kay is an experienced senior project and program manager with over 30 years of experience in delivering complex infrastructure and transportation projects with emphasis in design-build delivery of subway and light rail Metro projects. Kay started his career working for Parsons Corporation in Pasadena and has since been involved in every aspect of major transportation project in Los Angeles. Kay has served as design, project, program, and construction manager for numerous major transportation projects throughout California.

Project Experience

Senior Project Manager; *Cordoba Corporation, Los Angeles, CA.* Kay supports several concurrent corporate projects requiring in-depth program support and analysis. He has recently supported the development of a program operations and staffing approach for a multi-million-dollar transportation project. Projects include:

- Metro Eastside Transit Corridor Phase 2 Project ACE Design – Acting as Cordoba HNTB Partners, joint venture and project finance manager overseeing project's finance and all sub-consultant contracts.
- Corridor Cities Economic Analysis & Connectivity Study Project
- Kay is leading the Cordoba's Team to perform an economic analysis & beneficial opportunities and connectivity study associated with Metro Eastside Transit Corridor Phase 2 for the Corridor Cities of Commerce, Montebello, Santa Fe Springs, and Whittier.
- City of Industry Capital Improvement Projects (CIP) – As a senior project manager, completed oversight of CIP program's roadway and infrastructure improvement projects.

Senior Construction Manager & Consultant; *Implementation of Metro Purple Line Westside Extension Sections 1 and 2, City of Beverly Hills, CA.* The project includes Metro subway stations at La Cienega Blvd. and Rodeo Drive as well as the subway tunnels under Wilshire Blvd. from San Vicente Blvd. to Constellation Blvd. in Century City. Kay's responsibilities include review and approval of worksite traffic control, signal and street lighting plans, review and approval of engineering and construction RFIs and submittals, coordination with the Cordoba engineering staff and noise and fire/life/safety sub-consultants, field review and oversight of construction activities.

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Senior Project Manager; *Economic Analysis and Connectivity Study Project, City of Whittier, CA.* Senior Project Manager to oversee development of economic analyses, beneficial opportunities and connectivity studies associated with the Metro Eastside Transit Corridor Phase 2 Project Corridor future impact to four corridor cities (Commerce, Montebello, Santa Fe Springs, Whittier)..

Senior Project Manager; *Implementation of Metro Purple Line Westside Extension Sections 1 and 2, City of Beverly Hills, CA.* Senior Construction Manager and Consultant to the City of Beverly Hills. Project includes Metro subway stations at La Cienega Blvd. and Rodeo Drive as well as the subway tunnels under Wilshire Blvd. from San Vicente Blvd. to Constellation Blvd. in Century City. Responsibilities include review and approval of worksite traffic control, signal and street lighting plans, review and approval of engineering and construction RFIs and submittals, coordination with the Cordoba engineering staff and noise and fire/life/safety sub-consultants, field review and oversight of construction activities.

Project Management Consultant; *Taheri & Associates, Transportation/Traffic Engineering Consultants, Los Angeles, CA.* Kay prepared scope of work and negotiated engineering contracts. He developed traffic and transportation management plans, traffic impact studies and analyses and parking studies for municipal agencies and private developers. Projects include:

- West Los Angeles Interceptor Sewer Rehabilitation Project – LA, CA: Caltrans
- United Oil 78 National Blvd Traffic Impact Study - LA, CA: United Oil Corporation
- Valley and Ventura Subdivision Grade Crossing Improvements – LA, CA: SCRRA
- Bellflower Town Center Traffic Impact & Parking Study – Bellflower, CA: Private Developer

Senior Construction Manager/ Consultant; *Design Build Associates, Los Angeles, CA.* Kay successfully managed an average of 10 construction projects at any given time from scope development to pre-construction stage to completion. He developed project scope of work, reviewed material specifications and compliance with local and state codes, prepared bid documents, performed bid analysis, selected contractors, prepared construction documents, managed construction contracts, oversaw permitting process with agencies, maintained project schedule and budget, liaised between client, architect, engineers and project team, prepared progress and status reports and prepared close out documents.

Senior Program Manager/ Engineering Task Manager; *Regional Connector and Gold Line Eastside Extension II, LA Metro, Los Angeles, CA.* Kay oversaw all engineering design and QA/QC activities for the advanced conceptual engineering phase of the Metro Regional Connector project. He managed, reviewed and coordinated the design tasks of 6 engineering sub-consultants and maintained project budget and schedule and directed the project team to a successful completion.

Senior Program Manager; *Canoga Extension of Orange Line, LA Metro, Los Angeles, CA.* Kay managed the conceptual and preliminary design of traffic signals, signing and striping, fiber optic/CCTV, and street lighting for the extension of Metro Orange Line bus rapid transit system (BRT) in Los Angeles. He directed and coordinated design tasks of 14 engineering sub-consultants and maintained project financial budget of $10.5 million. In addition, he drafted and negotiated engineering contracts with sub-consultants. He also guided the team in developing a very successful design/build engineering package for Metro.

EDUCATION

› Fine Art/Graphic Design Art Center College of Design

MEMBERSHIPS & AFFILIATIONS

› Logo Design, 2019 Creative Works, Memphis, TENN

› Designers Workshop, 2017 Rancho Victore, Austin, TX

YEARS OF EXPERIENCE

25

LOCATION

Chatsworth, CA

David Zamudio

Graphics

About David

With over 16 years of experience in Outreach and Education for the City of Oxnard, David helped to develop and design materials and create events to educate and inform the public about City projects and the value that they bring to the community. David has coordinated the design and production of project notifications, informational brochures, social media and web content and official presentations.

Project Experience

Graphic Designer/Illustrator; *Pursuit Strategy Department, Cordoba, Various Locations, CA.* Collaborate with the proposals team and subject matter experts to brainstorm and create unique branding and highly technical, compelling graphics to support each pursuit strategy. Contribute in developing graphic design solutions for logos, infographics, templates, layout, presentations, covers, tabs, packaging, etc., to support the production of winning proposals. Transform written proposal content into creative and technical persuasive graphics. Collaborate with internal clients and external vendors to produce proposals on time and on budget. Oversee production of all print pieces, including using in-house production tools and communicating with vendors. Create persuasive PowerPoint presentations for the interview stage of a proposal, including providing on-site technical support as needed. Responsible for communicating the Cordoba brand to the intended audience using established and developing brand standards. Provide effective and timely solutions for all levels of creative requests for Cordoba staff. Assist with graphic design requests from other departments.

Graphic Designer/Illustrator; *Feasibility Studies and Concept Reports, LA Sanitation, Safe Clean Water Program, Los Angeles, CA.* The mulit-year project included the production of diagrams, tables, renderings, maps, architectural visualizations, and document cover designs. He was tasked with developing a concept for the cover that captured the purpose of the project's benefits to the community. He worked closely with LASAN staff during the projects' lifecycle to ensure graphical cohesiveness throughout the studies and reports. Start with a description of the project and its value. Most of the projects included site visits, taking photos, and then using them as part of the architectural visualizations.

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Graphic Designer/Illustrator; *Safe Clean Water Program (SCWP), Project Signage Guidelines Style Guide, LA Sanitation, Los Angeles, CA.* The project included a comprehensive evaluation of the agency's branding guidelines, the staff's requirements, and the SCWP signage requirements. David was responsible for researching signage guides and presenting concepts to offer the client a range of styles to choose from. He also worked with an assistant designer who helped David illustrate various concept designs and built out the graphics using Adobe Illustrator and then combined the text, images, and illustrations in Microsoft Word for ease of future editing by the client..

Graphic Designer/Illustrator; *Public Information Office, City of Oxnard, CA.* David helped with the concept, content research, and creation of the brochures, booklets, environmental graphics and educational material that were designed to educate the community on the importance of water conservation. This print collateral used both words and graphics to convey important concepts and were available on the City's website, through email, for direct pickup, or through the mail upon request.

Graphic Designer/Illustrator; *Public Works Department, Capital Improvement Projects & City Budget Annual Books, City of Oxnard, CA.* David coordinated meetings and established protocols with Public Works and Finance Department staff to develop, design and publish both books in print and online. Working with Microsoft Excel and Word documents he combined multi-hundred page, complex content, into easy to view and read books.

Graphic Designer/Illustrator; *Public Works Department, Capital Improvement Projects and City Budget Annual Books, City of Oxnard, CA.* David worked with the City's Mayors in developing concepts to assist in constructing annual State of the City addresses using illustrations, photography, and typography to help convey their messages.

EDUCATION

- M.S., Urban and Regional Planning, University of California, Irvine, CA, 2009
- B.S., Business Administration, Marketing and Strategic Management, California State University, Sacramento, 1996

AREAS OF EXPERTISE

- Marketing Strategies
- Community Development
- NEPA & CEQA Environmental Planning
- Online Engagement & Strategy Development
- Survey Development & Analysis
- Information & Creative Materials Development
- ESRI ArcGIS

YEARS OF EXPERIENCE

14

LOCATION

Los Angeles, CA

Jason Jackson

Outreach Support

About Jason

Jason serves as a Project Manager for Arellano Associates and provides support on public outreach programs for a variety of transportation and planning projects. With over 14 years of experience in community development, he has a background in agency and public collaboration. Jason is a qualified outreach professional, skilled at implementing comprehensive and effective public outreach programs. He is accustomed to working with a variety of clients including senior staff, business leaders, grassroots community leaders, and the community-at-large. He currently assists with all aspects of outreach, including strategy and project development, traditional and online meeting and event support, concept and production of collateral and media materials, survey development and analysis, GIS mapping, database management, and with all manner of project reporting and documentation..

Project Experience

Project Manager; *Rosemead Boulevard Complete Streets Improvement Projects, County of Los Angeles, Rosemead, CA.* The County of Los Angeles worked to enhance access for pedestrians, cyclists, and transit along 2.6-miles of Rosemead Boulevard between Rush Street in South El Monte to Gallatin Road in the City of Pico Rivera and the Whittier Narrows Recreation area. Jason provided notification support on this important community project by developing a notification boundary and mailing data set. He also aided the community awareness campaign by staffing events to engage the community.

Deputy Project Manager; *Valley Boulevard Multi-Modal Transportation Improvements Project, City of Los Angeles, Bureau of Engineering (LABOE), CA.* LABOE and Council District 14 (CD-14), seek to transform this critical east-west corridor, which connects the northern end of the I-710 freeway with Union Station in Downtown Los Angeles, via Valley Boulevard and North Mission Road, with funding from the Los Angeles Metropolitan Transportation Authority's redistributed I-710 freeway improvement monies. Through this study, Valley Boulevard will thus move one step closer to realizing its potential with more connected communities, improved transit service, safer travel conditions, and improved access to employment centers, academic and healthcare facilities, in addition to parks and recreational centers. As Deputy Project Manager, Jason leads the day-to-day outreach in cooperation and collaboration with LABOE and CD-14. He is responsible for crafting outreach strategy and overseeing the development

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and execution of notification plans in support of community meetings, advisory committee meetings, surveys, and other outreach milestones. Jason also collaborated on the development and ongoing maintenance of the project website and other information resources, including ESRI StoryMap, Google Earth flyover video and others. He also serves as lead community liaison and manages all documentation and project records.

Project Manager; *Huntington Drive Multi-Modal Transportation Improvements Project, LABOE, CA.* As the second of three I-710 Mobility improvement corridors in northeast Los Angeles, this project sets-out to reimagine a long neglected, four-mile stretch of road connecting the cities of Alhambra, Los Angeles and South Pasadena via Huntington Drive and North Mission Road. In partnership with Council District 14 (CD-14), LABOE aims to improve vehicular circulation, upgrade transit service and ridership, enhance bicycle and pedestrian safety and access, as well as integrate modern technology and travel options into the corridor. Jason developed a comprehensive notification plan and leads the plan's execution to aid in crafting alternatives to advance the project. He supported the creation of the overview fact sheet, interactive ESRI StoryMap, Google Earth flyover video, and project website and will continue to facilitate content enhancement throughout the life of the project. With LABOE oversight, he oversaw the distribution of project related LABOE social media ad and post copy. He also collaborated with CD-14 for the same. As a result of the initial notification strategy and outreach campaign, the city successfully collected more than 700 community surveys and completed two rounds of community and committee meetings to assist in guiding the team's development of corridor improvement alternatives with the website having received more than 10,600 visits by the end of project.

Project Manager; *Connecting Canoga Park, LABOE, Los Angeles, CA.* The Connecting Canoga Park project is transforming seven miles of streets in the heart of the Canoga Park community adjacent to the Metro G Line (Orange) Rapid Bus Corridor and G Line Pedestrian and Bike Trail (Orange Line Trail) in the west San Fernando Valley area of Los Angeles. As Project Manager, Jason develops a comprehensive multi-faceted public involvement plan that seeks to engage with the public through community meetings, focused stakeholder briefings, and community events. Additionally, Jason supports the social media strategy for the project which includes the creation and facilitation of eblast, geotargeted online advertising, social media, and e-communications toolkits for extended outreach.

Project Manager; *I-605 Corridor Improvement Project, Los Angeles County Metropolitan Transportation Authority (Metro), Los Angeles County, CA.* Arellano Associates coordinates with Metro, Caltrans District 7, and partner agencies responsible for community outreach for the PA/ED phase of the I-605 Corridor Improvement Project. Jason elevated to the day-to-day task Lead, supporting outreach strategic planning, participating in meeting notification, execution, and reporting, as well as providing technical support. Chief among responsibilities has been his role developing engagement action plans and as a lead developer of creative and informational resources, such as project collateral, website, presentation, display, and notification materials and content. He is the primary collaborator with Metro Community Relations and Marketing. He also leads the development of virtual meeting tools, such as Story Map, which will be used to provide 24/7 access to presentations, videos, interactive maps, an assortment of content and resources, as well as serve as the primary means of comment collection during different phases of engagement.

Edna Jimenez

Outreach Support

EDUCATION

- B.S., Urban & Regional Planning, California State Polytechnic University, Pomona, 2012

AREAS OF EXPERTISE

- Project Management & Strategic Planning
- CEQA/NEPA
- Urban & Regional Planning
- Rail Transit (light rail, regional), Active Transportation
- First/Last Mile and Transit-Oriented Corridors (TOC)
- Managed Lanes (HOV, Express Lanes, toll)
- Construction
- Equity focused outreach
- Online Engagement/Social Media Tools
- Youth Safety Campaign
- Database Management
- Public Event Planning & Presentations
- Bilingual Spanish

YEARS OF EXPERIENCE

11

LOCATION

Los Angeles, CA

About Edna

Edna serves as a Deputy Project Manager at Arellano Associates. Over the years, she has played a key role in many transportation, planning, environmental, and construction projects. She focuses on community outreach services including strategic communication and message development, inter-agency relations, marketing, event coordination and implementation, database management and project organization. Edna is a natural leader and excels at building relationships with various stakeholders including agencies, business organizations, community-based organizations, and faith-based communities. She has successfully developed strategic outreach plans that focus on serving diverse groups, such as underrepresented, multicultural, and Limited English Proficient communities by working with academic institutions, community-based organizations, community leaders and coalitions. Additionally, Edna has developed engagement plans that focus on digital outreach and innovative tools to support client needs and allow opportunities for enhanced community engagement.

The approach for public engagement has evolved since COVID-19 and Edna continues to be instrumental in leading the development of an equitable approach for several clients, including the use of hybrid options for engagement. Some of the technical tools she has utilized, including for virtual meetings, are ArcGIS online interactive maps, ESRI StoryMaps, Social Pinpoint, MetroQuest, online surveys, polls, MiroBoard, and Jamboard. Edna is a fluent Spanish speaker and is proficient in reading and writing the Spanish language.

Project Experience

Project Manager; *Telegraph Road Over San Gabriel River Bridge, City of Pico Rivera, CA.* The City of Pico Rivera, in partnership with City of Downey and City of Santa Fe Springs, is seeking to replace the San Gabriel Bridge over Telegraph Road to increase safety. The City of Pico Rivera is leading efforts and received grants to update the bridge due to increased traffic while improving the bridge to meet current standards. Edna serves as Project Manager and oversees all messaging and communication with all the three cities. She supervises the development of an outreach program to reach key stakeholders, provides support to various presentations to elected officials and key groups, and conducts public meetings and notification. Edna monitors current stakeholder database management and will continue to manage all day-to-day operations and communications for this effort.

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Project Manager; *Washington Blvd Over Rio Hondo Channel, City of Pico Rivera, CA.* The City of Pico Rivera is seeking to replace the Washington Blvd. bridge over Rio Hondo Channel to increase safety. Arellano Associates will provide outreach services and develop a comprehensive outreach program that targets reaching out to key stakeholders and the community, including undeserved and Limited English Proficient communities. Edna serves as Project Manager and oversees all messaging and communications with the City and stakeholders. She will supervise the creation of a stakeholder database, branding and collateral development, and website support. Edna will lead the strategic planning to reach key stakeholders, provide support to various presentations for elected officials and key groups, and conduct public meetings and notification.

Project Manager; *Engineering and Design Services Task Order: New York Drive, County of Los Angeles Department of Public Works, Altadena, CA.* Los Angeles County Public Works completed roadway improvements on a 2-mile section of New York Drive in Altadena. Arellano Associates assisted the County with project information and construction notice. Edna provided support in implementing a comprehensive public participation plan for a stakeholder briefing with local elected officials and community meeting. Edna also provided support in the development of a GIS story map, helpline, and social media account. Additionally, she oversaw the maintenance of the project website updates and inquiry log.

Deputy Project Manager; *Los Angeles County Bicycle Master Plan Update, Los Angeles County Public Works (LADPW), CA.* LADPW is working to update the Los Angeles County Bicycle Master Plan (BMP). The purpose of the BMP Update is to implement additional bikeways to expand the current bikeway network in unincorporated areas of LA County and increase connectivity. Edna serves as the Deputy Project Manager and oversees the development of key messaging and a critical document that ensures proper messaging is communicated accurately throughout the communities. She ensures that outreach strategies are inclusive of all communities including low-income communities, ethnically diverse and minority communities, and communities with low levels of personal vehicle ownership. The project will implement a CBO partnership where Edna will provide oversight of various activities and will implement a combination of traditional and innovative tools for outreach.

Project Manager; *Eastside Transit Corridor Phase 2 (Alternative Analysis/Draft EIS/EIR/ Advanced Conceptual Engineering phase), Los Angeles County Metropolitan Transportation Authority (Metro), CA.* Edna serves as the Deputy Project Manager providing outreach services on this major transportation connection through Los Angeles County. Edna has provided strategic outreach to specific stakeholders, including education institutions, businesses associations, key community leaders and community-based organizations. Edna has been a key support in the planning and implementation of a hybrid approach with innovative approaches for virtual outreach with in-person options for those with limited access to the internet. Edna is also supporting the CBO Partnership pilot program which seeks partnerships with leading and representative CBOs to help shape the development and implementation of outreach strategies. Due to the project location, Edna's Spanish capabilities have proven to be a valuable asset and has allowed for increased outreach to local communities.

EDUCATION

- M.S., Geotechnical Engineering, California State Polytechnic University, Pomona, 2020
- B.S., Civil Engineering, California State Polytechnic University, Pomona, 2018

CERTIFICATIONS

- Professional Engineer-in-Training (EIT): CA #1870584

MEMBERSHIPS & AFFILIATIONS

- American Society of Civil Engineers (ASCE)
- OSHA Health & Safety Training | 40-Hour Hazwoper Certification, plus Annual 8-Hour Refresher

YEARS OF EXPERIENCE

7+

LOCATION

Los Angeles, CA

Britton Howay, *EIT*

Surveys, Mapping and Field Reviews

About Britton

Britton has more than 7 years of geotechnical engineering experience, including street improvements, bike and pedestrian trails, pavements, and rail and transit projects. He is proficient with data review, field investigations, soil logging and sampling using Standard Penetration Test and Modified California Sampler from exploratory boreholes and excavation pits, local geology/groundwater investigations, and site map/vicinity map preparation. Britton has also conducted percolation tests, performed foundation/ footing embedment depth investigations, and performed environmental Phase II hazardous materials soils sampling.

Project Experience

Geotechnical Staff Engineer; *Regional Bikeway Project, City of Pico Rivera, CA.* Geotechnical staff engineer for the PA/ED and PS&E for the Pico Rivera Regional Bikeway Project, planned for Mines Avenue and Dunlap Crossing Road. In addition to bike lanes, the entire street will be subject to reconstruction and bioswales and reconfiguration of parking lanes are also proposed. A site-specific geotechnical investigation was performed along Mines Avenue and a geotechnical report prepared to provide recommendations for pavement sections, grading, corrosion potential, and input for best management practices. Britton performed a field investigation for the soil borings and percolation testing for the pavement section. He performed engineering analysis for pavement design and assisted in writing the geotechnical report.

Geotechnical Manager; *Aviation Boulevard Missing Sidewalk Project, City of Manhattan Beach, CA.* Geotechnical manager for project to construct an approximately 600-foot-long section of sidewalk along Aviation Boulevard between 33rd Street and West Rosecrans Avenue; install a new commercial driveway; install six American with Disabilities Act (ADA) compliant curb ramps; construct a new retaining wall, relocate existing fencing, irrigation lines, signage, utility pole guywires, utility boxes and valve covers; remove and replace curbs and gutters, sidewalk culvert; and remove miscellaneous appurtenances and landscaping. Geotechnical considerations were primarily collapsible sandy loam material and potential of expansive and contaminated soils along the proposed sidewalk location. DYA provided geotechnical engineering services, including a subsurface investigation, laboratory testing, engineering analyses, and a report with recommendations. Britton provided project direction, attended project meetings, reviewed existing data, coordinated the field investigation

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program, assigned laboratory testing, performed engineering analyses, and prepared the report with recommendations.

Geotechnical Staff Engineer; *Lakewood Boulevard at Florence Intersection Improvements, City of Downey, CA.* The project included improvements at the intersection of Lakewood Boulevard and Florence Avenue to reduce traffic congestion, improving traffic circulation and mobility within I-605 Freeway Corridor, which will minimize congestion along the Lakewood Boulevard and Florence Avenue Corridors. The project proposes to add dual left-turn lanes on both approaches to Lakewood Avenue and a dedicated right-turn lane on westbound Florence Avenue. It includes reconstructing the pavement to concrete pavement, redesigning the signing and striping, and modifying the traffic signals and storm drain system. DYA performed a geotechnical investigation, including field exploration, performing laboratory testing, and performing engineering analyses to develop conclusions and recommendations and provided recommendations regarding new rigid pavement sections and grading operations. Britton coordinated and performed the field exploration and the subsequent analysis and reporting. This project was delivered from an on-call contract with the City of Downey.

Geotechnical Manager; *Kingsdale Avenue Resurfacing, City of Redondo Beach, CA.* A project roadway rehabilitation, including roadway resurfacing, intersections, signing and striping, pedestrian crossing enhancements, and a Class III bicycle route. DYA performed a geotechnical investigation, including soil borings, laboratory testing, engineering analyses, and prepared a report with geotechnical recommendations. Britton managed the project, performing the subsurface investigation, engineering and pavement analyses, and prepared the geotechnical report. This project was delivered from an on-call contract with the City of Redondo Beach.

Geotechnical Manager; *Temescal Canyon Road Widening, El Cerrito Segment, Riverside County Transportation Department (RCTD), Riverside, CA.* Geotechnical manager for project to widen Temescal Canyon Road/Ontario Avenue from an existing two-lane facility to a four-lane facility generally located between Envoy Avenue and Cajalco Road. The road widening segments are approximately 0.8 mile in length. Project elements included pavement reconstruction and widening, intersection reconfigurations, curb and gutter, grading, slopes, retaining walls, drainage facilities, fence/wall/gate relocations/ replacements, traffic signal modification, pavement markings, signage, street light installation, and utility preservation and relocations. DYA performed an environmental Initial Site Assessment (ISA) and geotechnical investigation, including reports and recommendations. Britton provided project direction, attended project meetings, obtained permitting, directed the field investigation, performed engineering analyses, and prepared the report. He also assisted with the ISA. This project was delivered from an on-call contract with RCTD.

Geotechnical Staff Manager; *Trabuco/ Remington Traffic Signal, City of Irvine, CA.* Geotechnical staff engineer for a project to install new traffic signal poles, provide new pavement, and widen the left-turn lane pockets along Trabuco Road, which will require a retaining wall. DYA performed a geotechnical investigation, including data review, subsurface investigation, laboratory testing, engineering analyses, and a report with recommendations for geologic and seismic hazards, site preparation and grading, foundation types and allowable bearing capacity, estimated total and differential foundation settlements, resistance to lateral loads, pole foundation, new pavement thickness, and soil corrosion potential. Britton coordinated the field investigation, performed engineering analyses, and assisted with the geotechnical report preparation. This project was delivered from an on-call contract with the City of Irvine.

EDUCATION

- M.S., Civil Engineering, Washington State University, 2000
- B.S., Civil Engineering/ University of Peradeniya Sri Lanka, 1997

CERTIFICATIONS

- Professional Geotechnical Engineer (GE): CA #2819
- Professional Civil Engineer (PE): CA #67023

MEMBERSHIPS & AFFILIATIONS

- American Society of Civil Engineers (ASCE)
- OSHA Health & Safety Training | 40-Hour Hazwoper Certification, plus Annual 8-Hour Refreshers

YEARS OF EXPERIENCE

24+

LOCATION

Los Angeles, CA

S. Niranjanan, *PE, GE*

Geotechnical Studies | Geotechnical Services

About S. Niranjanan

Mr. Niranjanan is a registered geotechnical engineer with over 24 years of project experience, including street widenings, highway improvements, sound walls and retaining walls; bridges and grade separations; bike paths; pavement evaluation and rehabilitation; buildings; and other transportation projects. Additionally, he has extensive rail and transit, ports and harbors, and water infrastructure experience. He has coordinated, performed, or directed geotechnical investigations for well over 600 projects in Southern California. He has practical experience in all aspects (design and construction) of geotechnical engineering, including site selection, field investigations, engineering analyses, recommendations, construction observation and testing, and preparation of geotechnical reports and recommendations.

Project Experience

Geotechnical Manager; *Pico Rivera Regional Bikeway Project, City of Pico Rivera, CA.* Geotechnical manager for the PA/ED and PS&E for the Pico Rivera Regional Bikeway Project, planned for Mines Avenue and Dunlap Crossing Road. In addition to bike lanes, the entire street will be subject to reconstruction and bioswales and reconfiguration of parking lanes are also proposed. A site-specific geotechnical investigation was performed along Mines Avenue and a geotechnical report prepared to provide recommendations for pavement sections, grading, corrosion potential, and input for best management practices. Mr. Niranjanan coordinated geotechnical exploration activities, attended project team meetings, obtained encroachment permit from the City, developed a geotechnical work plan for US Army Corps of Engineers (USACE), and prepared a geotechnical report for Mines Avenue Improvements and a foundation report for the proposed Pedestrian Bridge.

Geotechnical Manager; *Rosemead Boulevard Complete Streets Improvements, Phase I, Los Angeles County Department of Public Works (LACDPW), Los Angeles, CA.* Geotechnical manager for a project for preliminary design and environmental clearance for a proposed complete street treatment of a 2.6-mile segment of Rosemead Boulevard. DYA provided geotechnical engineering that included input for the advanced planning study (APS) and environmental services that included a Phase I Initial Site Assessment (ISA). DYA's services consisted of reviewing historic aerial and topographic maps, City directories, Sanborn fire maps, and public records that could indicate potential for recognized

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environmental conditions; and then developing preliminary conclusions regarding site conditions, geologic and seismic setting, corrosion potential, and conceptual foundation. The Phase I ISA was performed in general conformance with ASTM International E1527-13 standards and California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) guidelines. Mr. Niranjanan provided project direction and support for the engineering analyses and recommendations for the reports.

Geotechnical Manager; *Pavement Rehabilitation Preliminary Engineering and Final PS&E, Caltrans District 12, Orange County, CA.* Geotechnical manager for a project that replaced concrete slab and asphalt concrete at various locations within Caltrans District 12 in Orange County, California. The project proposed to restore the pavement, correct structural defects, improve the ride and serviceability of pavement, correct drainage issues, construct a retaining wall, and extend the service life of the existing pavement at sixteen connectors, two ramps, and one mainline segment near an undercrossing. The project required preparation of a Preliminary Materials Report for rehabilitation of concrete slab and asphalt concrete and widening of shoulders and a Structural Preliminary Geotechnical Report for a potential ground anchor wall during PA/ED phase. During the type selection process, a Preliminary Foundation Report was prepared for a ground anchor wall. During the PS&E phase, DYA performed geotechnical explorations and completed laboratory testing as needed. DYA assisted the prime in preparing a Materials Report and prepared a Geotechnical Design Report to provide geotechnical recommendations for stability of embankment widening at multiple locations, proposed message sign pole and best management practices. This project represented two tasks in a multi-phase on-call contract with Caltrans.

Geotechnical Manager; *Lakewood Boulevard at Florence Intersection Improvements, City of Downey, CA.* Geotechnical manager for the proposed improvements at the intersection of Lakewood Boulevard and Florence Avenue to reduce traffic congestion, improving traffic circulation and mobility within I-605 Freeway Corridor, which will minimize congestion along the Lakewood Boulevard and Florence Avenue Corridors. The project proposes to add dual left-turn lanes on both approaches to Lakewood Avenue and a dedicated right-turn lane on westbound Florence Avenue. It includes reconstructing the pavement to concrete pavement, redesigning the signing and striping, and modifying the traffic signals and storm drain system. DYA performed a geotechnical investigation, including field exploration, performing laboratory testing, and performing engineering analyses to develop conclusions and recommendations and provided recommendations regarding new rigid pavement sections and grading operations. Mr. Niranjanan provided project direction, developed the field investigation program, performed engineering analyses, and prepared the geotechnical report with recommendations.

Senior Geotechnical Engineer; *Santa Fe Springs Pavement Rehabilitation North Residential Streets, City of Santa Fe Springs, CA.* Senior geotechnical engineer for proposed pavement rehabilitation within the north residential streets located in the City of Santa Fe Springs, California. The project consisted of removal and replacement of four street segments. Geotechnical services consisted of a field exploration, laboratory testing, and engineering analyses to develop conclusions and recommendations regarding feasibility of the rehabilitation option and of new pavements. Mr. Niranjanan provided project management training to a new geotechnical manager. He reviewed the field investigation program, engineering analyses, and made recommendations for the report. Delivered from an on-call contract with the City of Downey.

EDUCATION

› B.S., Biological Sciences (Biological- Anthropology) University of CA San Diego, 2002

MEMBERSHIPS & AFFILIATIONS

› Women's Transportation Seminar Orange County, 2012-Present

RECOGNITION

› 2021 ENR Top Young Professional

YEARS OF EXPERIENCE

22

LOCATION

Los Angeles, CA

Angie Kung

CEQA/NEPA Documentation | Specifications

EGP CONSULTING

About Angie

With 22 years of experience in the industry, Angie has led multi-disciplinary technical teams in the preparation of CEQA/NEPA documentation for key transportation projects throughout California. Angie has developed solid working relationships with oversight agencies, such as FHWA, Caltrans, and California High Speed Rail Authority. Specifically, Angie has established strong working relationships with environmental staff at Caltrans District 7, 8 and 12 through her work on the City of Long Beach, Shoemaker Bridge Replacement Project, City of Riverside Sidewalk Improvement Project, and the City of Rancho Santa Margarita Parkway Bridge Hinge Repair Project..

Project Experience

Environmental Task Manager; *Shoemaker Bridge Replacement Project (PA&ED), City of Long Beach, CA.* The City of Long Beach, in cooperation with Caltrans, proposes the replacement of the existing Shoemaker Bridge. The Project is an Early Action Project of the I-710 Corridor Project and is located at the southern end of the SR-710 and is bisected by the Los Angeles River. The existing Shoemaker Bridge will be replaced with a new bridge located just south of the existing bridge. The project will also provide improvements to associated roadway connectors to downtown Long Beach and along West Shoreline Drive from SR-710. Angie served as the Environmental Task Lead and led the preparation of the Environmental Impact Report/Environmental Assessment (EIR/EA). The EIR was certified by the City of Long Beach on April 21, 2020. The FONSI was signed on June 30, 2020.

Environmental Task Manager; *Rancho Santa Margarita Parkway Bridge Hinge Repair Project, City of Rancho Santa Margarita, CA.* The City of Rancho Santa Margarita, in cooperation with Caltrans District 12, proposed bridge hinge repair improvements at the Rancho Santa Margarita Parkway Bridge. A Preliminary Environmental Study (PES) and CEQA CE/NEPA CE with supporting technical studies were prepared for the project, followed by environmental permitting. As Environmental Task Manager, Angie provided day- to-day management of the project and provided QC reviews for the PES and the CEQA CE/NEPA CE. The City of Rancho Santa Margarita signed a Notice of Exemption (NOE) on November 22, 2016. The NOE was subsequently posted at the Orange County Clerk's office on February 2, 2017. Caltrans issued a NEPA CE on December 28, 2016. The environmental permits were completed in October 2017.

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Environmental Principal In-Charge; *Riverside Sidewalk Improvement Projects, City of Riverside, CA.* Angie led the preparation of the NEPA CEs and the supporting technical studies on behalf of the City of Riverside for the Norte Vista, Bruce Avenue, and Wells/Arlanza Sidewalk Improvement Projects. All three sidewalk improvement projects were completed with Caltrans District 8 Environmental Local Assistance oversight. Caltrans approved the NEPA CEs for Bruce Avenue on June 16, 2016, and for Norte Vista and Wells/Arlanza on December 1, 2016.

Environmental Task Manager; *La Palma Avenue Safe Route to School, City of Anaheim, Orange County, CA.* Angie served as task lead for this project and provided quality assurance/quality control reviews for technical studies conducted in support of the CE. The City of Anaheim, in cooperation with Caltrans District 12, proposes to provide a safe route to school along the south side of La Palma Avenue from the East Street intersection to 500 feet west of East Street, in the northern portion of the city. HDR provided NEPA support for the City by working with Caltrans District 12 Local Assistance on the approval of a CE with supporting technical studies. The NEPA CE was approved by Caltrans in May 2015.

Environmental Task Manager; *Sierra Avenue Widening Project, City of Fontana, CA.* The City of Fontana proposes to widen Sierra Avenue between Foothill Boulevard and Baseline Avenue, in the City of Fontana, California. Sierra Avenue is considered a key north-south arterial within the City with interchange access to Interstate 15 (I-15) and Interstate 210 (I-210) to the north, and Interstate 10 (I-10) to the south. As Environmental Task Manager, Angie oversaw the preparation of the Initial Study with Negative Declaration (IS/ND) and corresponding technical studies for the proposed project. The Final IS/ND was approved by the City of Fontana in February 2020.

Environmental Task Manager; *La Pata Avenue Gap Closure and Camino Del Rio Widening, County of Orange, CA.* The County of Orange Department of Public Works proposed an approximate 4-mile extension of existing La Pata Ave from Avenida Pico in the City of San Clemente to Ortega Highway (SR-74). Key issues include consistency with the adopted Natural Communities Conservation Plan/Habitat Conservation Plan (NCCP/HCP) and Special Area Management Plan (SAMP) and coordination of the proposed improvements with major utility transmission corridors. As the Environmental Task Manager, Angie oversaw the preparation of technical studies and Environmental Impact Report (EIR).

HDR Internal Environmental Lead; *I-605 Corridor Improvement Project (PA&ED), LA Metro, CA.* In cooperation with the Gateway Cities Council of Governments (GCCOG), San Gabriel Valley Council of Governments (SGVCOG), Caltrans, and the County of Los Angeles proposes improvements along I-605 from Slauson Ave to I-10. As HDR's Internal Lead, Angie was responsible for the oversight of all technical studies prepared by HDR, including the Jurisdictional Delineation (JD), Visual Impact Assessment (VIA), Section (4f)/6(f) Evaluation, Relocation Impact Statement (RIS), Archaeological Survey Report (ASR), and was a contributing author for the Initial Site Assessment (ISA). These technical studies were prepared in support of the Environmental Impact Report/ Environmental Impact Statement (EIR/EIS).

Environmental Principal-in-Charge; *SR-60/7th Avenue Interchange Project, LA Metro, CA.* LA Metro, in cooperation with Caltrans, proposes to reconstruct the westbound SR-60 on- and off-ramps at the 7th Avenue interchange to improve traffic operation. As the Environmental Principal-in-Charge, Angie provided day-to-day oversight, management, and quality control review support for the CEQA CE/NEPA CE and supporting technical studies.

EDUCATION

› B.S., Earth Science, California Polytechnic State University San Luis Obispo, 2014

YEARS OF EXPERIENCE

8

LOCATION

Los Angeles, CA

Natalie Brim

Environmental Studies

About Natalie

Natalie has seven years of professional experience in environmental planning. As a Senior Environmental Planner, Natalie's experience includes the preparation and day to day oversight of environmental documentation pursuant to CEQA and NEPA. In addition to her responsibilities as a CEQA and NEPA generalist, she also serves as the technical lead for Visual Impact Assessments (VIA), Water Quality Assessment Reports (WQAR), and Stormwater Pollution Prevention Plans (SWPPP).

Project Experience

Deputy Environmental Task Manager; *Shoemaker Bridge Replacement Project (PA&ED), City of Long Beach, CA.* The City of Long Beach, in cooperation with Caltrans proposes the replacement of the Shoemaker Bridge. The Project is an Early Action Project of the I-710 Corridor Project and is located at the southern end of the SR-710 and is bisected by the Los Angeles River. The existing Shoemaker Bridge will be replaced with a new bridge located just south of the existing bridge. The project will also provide improvements to associated roadway connectors to downtown Long Beach and along West Shoreline Drive from SR-710. Natalie served as the Visual Lead of the VIA and a co-author of the Environmental Impact Report/Environmental Assessment (EIR/EA). In addition, as the Deputy Environmental Task Lead, Natalie provided day-to-day oversight support for the preparation of the EIR/EA. The EIR was certified by the City of Long Beach on April 21, 2020. The FONSI was signed on June 30, 2020.

Deputy Environmental Task Manager; *Rancho Santa Margarita Parkway Bridge Hinge Repair Project, City of Rancho Santa Margarita, CA.* The City of Rancho Santa Margarita, in cooperation with Caltrans District 12, proposed bridge hinge repair improvements at the Rancho Santa Margarita Parkway Bridge. A Preliminary Environmental Study (PES) and CEQA CE/NEPA CE with supporting technical studies were prepared for the project, followed by environmental permitting. As Deputy Environmental Task Manager, Natalie Brim assisted int eh preparation of the PES and the CEQA CE/NEPA CE. The City of Rancho Santa Margarita signed a Notice of Exemption (NOE) on November 22, 2016. The NOE was subsequently posted at the Orange County Clerk's office on February 2, 2017. Caltrans issued a NEPA CE on December 28, 2016. The environmental permits were completed in October 2017.

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Deputy Environmental Task Manager; *Sierra Ave Widening Project, City of Fontana, CA.* The City of Fontana proposes to widen Sierra Avenue between Foothill Boulevard and Baseline Avenue, in the City of Fontana, California. Sierra Avenue is considered a key north-south arterial within the city with interchange access to I-15 and I-210 to the north, and I-10 to the south. As the Deputy Environmental Task Manager, Natalie provided day-to-day oversight support on the technical studies for the proposed project and was the primary author of the Initial Study with Negative Declaration (IS/ND). The Final IS/ND was approved by the City of Fontana in February 2020.

Visual Co-Lead; *I-605 Corridor Improvement Project (PA&ED), LA Metro, CA.* LA Metro, in cooperation with the Gateway Cities Council of Governments (GCCOG), San Gabriel Valley Council of Governments (SGVCOG), Caltrans, and the County of Los Angeles proposes improvements along I-605 from Slauson Avenue to I-10. Natalie was a co-author of the VIA prepared in support of the Environmental Impact Report/Environmental Impact Statement (EIR/EIS).

Deputy Environmental Task Manager; *SR-60/7th Avenue Interchange Project, LA Metro, CA.* LA Metro, in cooperation with Caltrans, proposes to reconstruct the westbound SR-60 on- and off-ramps at the 7th Avenue interchange to improve traffic operation. Natalie was the co-author of the Water Quality Technical Memorandum (WQTM) for the project. In addition, as Deputy Environmental Task Manager, Natalie provided day-to-day oversight support for the preparation of the CEQA CE/NEPA CE and supporting technical studies.

Environmental Assessment Preparer; *Santa Ana-Garden Grove Fixed Guideway Project (OC Streetcar), Section 408 Environmental Assessment (EA), OCTA, CA.* OC Streetcar is a transit improvement project which was considered by the Cities of Santa Ana and Garden Grove in cooperation with OCTA and Federal Transit Administration (FTA) to improve mobility and provide other community enhancements. The OCTA Streetcar Section 408 Environmental Assessment (EA) prepared assesses the temporary or permanent alterations to the Santa Ana River Channel in which the Federal Government holds rights-of-way as a result of the proposed project. EGP Senior Environmental Planner, Natalie Brim, was the primary author of the U.S. Army Corps of Engineers Section 408 EA for the Santa Ana-Garden Grove (SA-GG) Fixed Guideway Project (OCTA Streetcar) in Orange County.

Deputy Environmental Task Manager; *Laguna Canyon Road PSR/PDS, City of Laguna Beach, CA.* Proposed construction improvements along the State Route (SR) 133 corridor extending approximately 2.5 miles from Canyon Acres Drive (PM 0.96) to El Toro Road (PM 3.41) in Orange County. Natalie served as co-author of the PEAR and provided day-to-day oversight of the technical support memorandums. The PEAR was approved by Caltrans District 12 in July 2022.

Deputy Environmental Task Manager; *I-215 University Parkway Interchange Improvement Project (PA&ED), San Bernardino County Transportation Agency (SBCTA), San Bernardino, CA.* SBCTA, in cooperation with Caltrans and the City of San Bernardino, proposes to improve the I-215/University Parkway Interchange in the City of San Bernardino, California. Caltrans is the Lead Agency under CEQA and NEPA. Natalie served as the Visual Lead for the preparation of the Visual Impact Assessment (VIA) and was the primary author for the Water Quality Technical Memorandum (WQTM). In addition, as the Deputy Environmental Task Manager, Natalie provided day-to-day oversight support in the preparation of the Initial Study/Categorical Exclusion (IS/CE) and supporting technical studies for the proposed project. The Final IS/CE was approved August 2020.

EDUCATION

› B.S., Civil Engineering, University of San Jose Recoletos, Philippines, 1988

YEARS OF EXPERIENCE

30

LOCATION

Los Angeles, CA

Amado "Andie" Hernandez, *PMP*

3rd Party Agreements

ENTERRIS Associates, Inc.

About Amado

Andie, has 30 years' project management experience in civil engineering. His experience includes road & highways, airports, ports and harbors, flood control, sewer, bridges, water infrastructure, tunneling, and parks and recreation. Andie has extensive working experience with General Services, Los Angeles Department Building & Safety & LADWP and City of Los Angeles Bureau of Engineering.

Project Experience

Project Manager; *Soho Street Bridge, City of Los Angeles Bureau of Engineering, Los Angeles, CA.* Andie was responsible for Design Support During Construction (DSDC) for the Traffic Control, Traffic Signal, Street Lighting and various components of Civil/Utility design. Also responsible for the review of civil and utility submittals from the contractor, responding to the RFIs and assisting the owner in the negotiation of the Change Order from the contractor. Led, oversaw, and reviewed coordination and progression of the project ensuring timely progress of plans/ specifications, construction and completion procedures.

Project Manager; *State Street Overhead at SCRRA and Busway Widening over I-10, City of Los Angeles Bureau of Engineering, Los Angeles, CA.* Andie was responsible for coordinating closely with the railroads authority to prepare and execute a Construction & Maintenance Agreement (C&M Agreement) and Right of Entry to perform construction activities within Metrolink right of way. Additional tasks included coordination with Los Angeles Department of Water & Power (LADWP) on the relocation of the water line and overhead power facilities adjacent to the bridge structure. Prepared cost estimate, schedules and budget. Conducted engineering plan studies to identify public work facility needed. Performed cost estimates for the client (City of LA). Provided oversight on the acquisition of permits such as grading, encroachment and other construction permits.

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Utility Engineer; *Metro Gold Line First Street/Boyle Station, Los Angeles County Metropolitan Transportation Authority, Los Angeles, CA.* Andie provided civil engineering support to the prime (EMC Design) for the Los Angeles Rail Transit System. Provided civil design services including street widening (plan and Profile), drainage design, sewer design, surveying, grading, ADA aprons to comply and conform with the City of Los Angeles requirements and standards. The services also included location and accommodation of new utilities lines location including power and water. Prepared horizontal control calculations for the vent and exit shaft penetrations at the ground surface. The scope of wok also included site drainage area study to determine the amount of floodwater expected during a 50-year and a 10year recurrence interval storm. The study was based on drainage documents, aerial topography, research utilities, drainage maps and surveyed information. The scope also included preparing a civil drawings for the use of MTA Fire Life Safety to obtain Fire Department approval of station fire protection features.

Project Manager; *Runway 12-3 Improvement, Long Beach Airport, Long Beach, CA.* Andie managed a full range of civil engineering services to locate and map all surface and subsurface utilities with Runway 12-30. Verified utility locations versus existing plans and produced as-built plans after rehabilitation of runway 12-30. Coordinated project startup/Run Project Kickoff meeting w/ Design & Estimating. Reviewed owner contract, manage scope, generate scope matrix. Developed and kept a running track of submittal, RFI, and Drawing Logs. Established and maintained document control procedures. Developed quality control plan and confirmed successful implementation. Prepared and deliver monthly cost reports to leadership team. Participated in Value Engineering (VE) process. Conducted subcontract pre-construction meetings. Developed project schedule and identified critical issues and milestones.

EDUCATION

- B.S., Civil Engineering, California Polytechnic University Pomona, 1992
- Certificate, Project Management, University of California Berkeley

CERTIFICATIONS

- Professional Civil Engineer (PE): CA #55923

YEARS OF EXPERIENCE

30+

LOCATION

Los Angeles, CA

Julie Sauter, *PE*

Utility Coordination

ENTERRIS Associates, Inc.

About Julie

Julie is a Registered Civil Engineer with over 30 years of experience in executive management, capital program development and delivery and financial management. Her professional engineering career includes both public and private sector experience in aviation, mobility, municipal facilities, and wastewater sectors. Julie served as a development leader for Los Angeles World Airports (LAWA) delivering many land side improvement projects. She also served as a Deputy City Engineer for the Los Angeles's Bureau of Engineering where she was the executive responsible for developing and delivering multi-billion-dollar programs to improve safety and quality of life for millions of residents.

Julie has expertise in program development and management, as well as all project delivery phases from planning, project management/construction management, project controls, financial management, to close-out and settlement compliance.

Project Experience

Deputy City Engineer; *Department of Public Works, Bureau of Engineering, Los Angeles, CA.* Julie was responsible for developing the Mobility Program for the City of Los Angeles. As the Mobility Program Manager, she was responsible for the City's $1.4B Safe SidewalksLA program and the Bureau of Engineering's $ 1.3B Street Improvement, Complete Streets and Bridge Improvement Programs. She led interdisciplinary teams across various City departments and bureaus to comply with the $1.4B, 30-year settlement agreement, Federal and State grant funded Programs, and other City initiatives.

Under her charge she developed the reporting and collaboration efforts with elected and appointed officials as well as settlement class counsel, community stakeholders, and external agencies. She also created the Safe SidwalksLA program training, workflow, robust electronic inspection intake, reporting systems, as well as updating various Americans with Disabilities Act (ADA) polices including design standards.

Her specific experience beyond program development includes understanding the details and importance of funding sources, political capital, stakeholder management, and other items typical of a capital program, with an Owner's perspective.

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EDUCATION

› MS, Electrical Engineering

MEMBERSHIPS & AFFILIATIONS

› American Society of Professional Estimators (ASPE)

YEARS OF EXPERIENCE

30+

LOCATION

Los Angeles, CA

Eilia Sitnitsky

Cost Estimating | Construction Estimating

About Eilia

Eilia brings over 30 years of experience in the construction industry. His specialty is mechanical, electrical/systems cost estimating and has worked on municipal/ public works projects throughout the County for over 25 years. Additional specialties include value engineering support services, estimate reconciliation, and change order evaluation and negotiations. Eilia has worked on a variety of municipal and public projects for LACDPW, the City of Los Angeles, Orange County Public Works (OCPW), LA Metro, Orange County Transportation Authority (OCTA), Los Angeles World Airports (LAWA), and other municipal/transportation agencies across the state.

Project Experience

Estimator; *Street Improvement and Stormwater Division, Task Order 4 for Project Design Services for Affordable Housing and Sustainable Communities, City of Los Angeles, Bureau of Engineering Services, CA.* Provided cost estimating on four projects consisting of the construction of concrete curbs, gutters, sidewalks, retaining walls, curb ramps, curb extensions, crosswalks, and bicycle lanes; reconstruction of pavement and median islands; storm drains and sanitary sewer facilities; utility coordination; street trees; landscaping; street lighting; and traffic signals. Right of Way was required for these improvements. Projects to date include: Hollywood Arts Collective, Jordon Downs S3, Vermont and Manchester, and Weingart Tower. Los Angeles, CA (15.2M).

Estimator; *Multiple Consecutive Prime Contracts, Estimating and JOC Proposal Review Team, LACDPW, CA.* Evaluates the contractor's price proposal in job order contracting (JOC), including a wide variety of civil, structural, electrical, mechanical, and plumbing systems projects for various operational and support facilities across Los Angeles County.

Estimator; *On-Call Estimating Services, Orange County Public Works (OCPW), Orange County, CA.* Provided electrical/systems cost estimating services on various public works projects for the OCPW. Projects include but are not limited to facilities, parks, civic centers, and data centers.

Estimator; *Engineering and Design Support Services for Road-Flood Control Construction Programs On-Call Cost Estimating Task Order, LACDPW, Los Angeles, CA.* As part of the larger Road-Flood Construction Program, this task order involved the estimating of County Infrastructure projects, including street, bridge widening, slope protection, traffic signaling, lighting, stormwater drainage system, and landscaping.

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Provided electrical/systems estimates for various projects under this contract.

Senior Electrical Estimator; *Eastside Transit Corridor Phase 2, LA Metro, CA.* The Eastside Transit Corridor Phase 2 Project is a vital public transit infrastructure investment that would provide a transit connection to the existing Metro Gold Line Eastside Extension and link communities on the eastern side of the County of Los Angeles. Eilia provided electrical cost estimates for CIP project, including cost contingency for the advanced conceptual engineering alternatives.

Electrical Cost Estimator; *Belvedere Park Synthetic Soccer Field, and General Improvements Project, LACDPW, Department of Parks and Recreation,CA.* Provided electrical cost estimating for the Design Development and 90% Construction Document phases of this project which includes a new soccer field, a new practice field, and two new fenced-in futsal fields. Also included selective demolition of existing construction, site grubbing & clearing, grading, decorative and chain link fences and gates, a pedestrian walkway, new biofiltration and storm drainage systems, site lighting and electrical work, hard and soft landscape, and irrigation.

Estimator; *Supplemental Engineering Services, LAX Crenshaw/LAX (CLAX) Line, Centinela Grade Separation Project, LA Metro, Los Angeles, CA.* Provided electric and electrical systems estimates for this project, which consists of constructing the Grade Separation of the CLAX light rail transit (LRT) line at the intersection of Centinela and Florence Avenues and Site Improvements within the Right of Way. Includes Allowance for Temporary Detour and Phasing Plan, New Roadway Underpass, Hardscape & Soft Landscape per Plan, Potential Storm Water Management Area, Electrical, and Site Utilities.

Estimator; *First and Broadway (FAB) Civic Center Park, LACDPW, Bureau of Engineering, Los Angeles, CA.* Provided electrical cost estimating services for this project consisting of a 13,036 SF three-story building that included a café, beer garden, test kitchen, and amphitheater seating on the ground floor, in addition to indoor and outdoor dining on the first floor, restrooms and support facilities. The Park also included pedestrian bridge, site improvements and utility infrastructure, landscaping, and irrigation with low maintenance, as well as energy and water efficient, by including features like solar collection and on-site storm water filtration/infiltration. The Site area is approximately 78,931 SF.

Estimator; *Harbor Blvd Improvements Project, Housing Authority of the City of Los Angeles (HACLA), Los Angeles, CA.* Provided electrical cost estimating support for the 90% construction document. The project involves demolishing existing rail tracks with accessories and then expanding the existing waterfront promenade to create a new park with new recreation amenities for the community including a flex-space plaza for food vendors, a multi-purpose lawn area, a shade structure with swinging benches, a children's play area, adult exercise equipment, picnic tables, game tables, and benches.

Estimator; *Los Angeles International Airport (LAX) Utility Infrastructure Project (UIP), LAWA, Los Angeles, CA.* The project consisted of the replacement and/or repairs to a variety of utilities system on site at LAX in the Central Terminal Area (CTA), including the domestic water system, fire water system, the sanitary sewer system, and various metering system options (electrical, natural gas, water). Provided estimates for the electrical power systems; broken down into a demand assessment, a system analysis, and the necessary documentation for the estimates, in draft and final forms.

Estimator; *IDIQ, Coronado Bridge Electrical Upgrade, Caltrans, San Diego, CA.* Provided electrical estimating during the construction documents phase and 90% construction document estimate for the Electrical Upgrade package that consisted of electrical power, lighting and control/communications upgrades and relocations.

EDUCATION

- M.S., Construction Management
- B.S., Civil Engineering

CERTIFICATIONS

- Certified Professional Estimator (CPE), American Society of Professional Estimators #1.4-00037-1194

YEARS OF EXPERIENCE

30+

LOCATION

Los Angeles, CA

George Elkin, *CPE*

Construction Scheduling (P6)

About George

George is a civil engineer, construction manager, and Certified Professional Estimator (CPE) with more than 30 years of experience in all phases of construction and project management. His work specialties include design-to-construction cost estimating, value engineering support, claims support, as well as detailed change order review and negotiation. George's cost-estimating expertise spans multiple industries, including transportation and infrastructure (roads, highways, airports, rail, and bridges), public works, and municipal buildings. He has worked on projects for LACDPW, the City of Los Angeles, Orange County Public Works (OCPW), LA Metro, Orange County Transportation Authority (OCTA), Los Angeles World Airports (LAWA), and municipal/transportation agencies across the state.

Project Experience

Estimator; *Street Improvement and Stormwater Division, Task Order 4 for Project Design Services for Affordable Housing and Sustainable Communities, LABOE, Los Angeles, CA.* Provided cost estimating on four projects consisting of the construction of concrete curbs, gutters, sidewalks, retaining walls, curb ramps, curb extensions, crosswalks, and bicycle lanes; reconstruction of pavement and median islands; storm drains and sanitary sewer facilities; utility coordination; street trees; landscaping; street lighting; and traffic signals. Right of Way was required for these improvements. Projects to date include: Hollywood Arts Collective, Jordon Downs S3, Vermont and Manchester, and Weingart Tower.

Estimator; *Adventure Park Multi-Benefit Stormwater Capture Project, LACDPW, Whittier, CA.* Provided the bid estimate schedule of prices for this project which included two baseball fields, resurfacing of an existing parking lot, and new biofiltration. Elements included site and selective demolition, concrete encasement of the existing sewer line, dewatering, excavation, shoring, underground pre-cast storm detention, filtration unit, pump stations, check valves and vaults, sampling vault, new stormwater lines and manholes, and site improvement and reconstruction of soft and hard landscapes.

Estimator; *Engineering and Design Support Services for Road-Flood Control Construction Programs, LACDPW, CA.* Provided ICE unit cost pricing and the total construction bid estimate for this contract that involves the estimating of county infrastructure projects including streets, bridge widening, slope protection, traffic signaling, lighting, drainage, landscaping, stormwater management and treatment, stormwater diversion, capture and infiltration, and multi-benefit projects.

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Estimator; *On-Call Estimating Program, Multiple Consecutive Contracts, LACDPW, CA.* Provides all final quality assurance/quality control for multiple on-call and JOC estimates. Projects include various civil, structural, electrical, mechanical, and plumbing projects. Elements include conducting research, providing assessments of construction projects, and preparing cost estimates by collecting data of costs for labor, materials, and the breakdown and timeline for construction (Ongoing).

Senior Estimator; *Eastside Transit Corridor Phase 2– Senior Estimator, LA Metro, CA.* The Eastside Transit Corridor Phase 2 Project is a vital public transit infrastructure investment that would provide a transit connection to the existing Metro Gold Line Eastside Extension and link communities on the eastern side of the County of Los Angeles. With the implementation of the Regional Connector Transit Corridor Project, the Metro Gold Line Eastside Extension will directly connect to the Metro Expo Line and will be operating light-rail trains between Santa Monica, Culver City, University of Southern California (USC), downtown Los Angeles, and the Eastside by 2020, improving mobility within the project area and offering more sustainable transit alternatives. The regional Metro Rail lines are expected to be operational by the year 2035. LENAX provided capital cost estimates, including cost contingency for the advanced conceptual engineering alternatives.

Estimating Manager and Lead Estimator; *On-Call Services Program, Orange County Public Works (OCPW), Orange County, CA.* Since 2013, LENAX has delivered construction cost estimates under this program on more than $44.1M of projects, including $41.8M directly as prime and another $2.3M as a subcontractor to the prime. This work included projects, ranging from park projects to law enforcement facilities, with individual values of $89,000 to $20.1M.

Estimator; *Crenshaw LAX (CLAX) Line, Centinela Grade Separation, LA Metro, CA.* Cost estimating for the project's 15% preliminary engineering, which included Right of Way, allowance for a temporary detour and phasing plan, a new roadway underpass, hardscape & soft landscape per plan, potential stormwater management area, electrical, and site utilities.

Estimator; *PMA Environmental Studies, LA Metro, CA.* Performed cost estimates at various phases on some 45 environmental projects in Los Angeles, all as necessary precursors to and elements of the larger construction programs. Specific environmental projects included a wide variety of underground work, including the removal and replacement of underground storage tanks, stormwater conveyance tunnels and appurtenances, utility relocation, and the removal of abandoned pipelines.

Estimating Manager; *Supplemental Engineering Services (SES) Rail Transit, West Santa Ana Branch (WSAB) 30% PS&E, LA Metro,CA.* George is currently working on the recently awarded 30% PS&E portion of this contract. In this role, he will be leading the independent cost estimate for this portion of the project.

Estimating Manager; *PMSS, Multiple Projects Including Link US, LA Metro, CA.* This contract includes various rail and transit projects. George has worked on projects including the Link Union Station Project, which includes three curved bridges and a ½ mile elevated road with rail tracks on top.

Estimating Manager; *Supplemental Engineering Services (SES) Rail Transit, West Santa Ana Branch (WSAB) Utilities-UPRR Task Order 3 Project, LA Metro, CA.* George led the independent cost estimate for the 15% preliminary engineering of this project which included freight track and utility relocations.

EDUCATION

- B.S., Civil Engineering, California State University, Long Beach, 1993

CERTIFICATIONS

- Professional Civil Engineer (PE): CA #56141

MEMBERSHIPS & AFFILIATIONS

- American Public Works Association, Board of Directors, Southern California Chapter
- American Society of Civil Engineers

YEARS OF EXPERIENCE

31

LOCATION

Yorba Linda, CA

Patrick Somerville, *PE*

Transit Station/Civil Design

MARK THOMAS

About Patrick

Pat specializes in civil engineering and management, with a focus on municipal transportation and other capital improvement programs. He has led the final design of civil elements such as storm drains, sewers, water lines, roadways, bridges, pedestrian facilities, utility coordination and relocation, grading and drainage, hydrology and hydraulics. Pat's experience includes plans, specifications, and estimates; right-of-way map preparation; permitting; construction staging; construction support; and claims analysis. Eleven of his 31 years of experience were in the public sector, which provides him with a detailed understanding of governmental and agency processes, project finance, and needs analysis, as well as the technical and contractual requirements for the design and construction of civil projects.

Project Experience

Design Manager; *OC Streetcar Final Design, Orange County Transportation Authority, Santa Ana, CA.* Pat served as design manager overseeing all design engineering and integration among disciplines, as well as designing the bicycle/streetcar interface and complete streets treatment for this $300 million, 4.15-mile streetcar project. Project services include final design for all elements of the project, including civil, track, stations, systems and a maintenance facility. The OC Streetcar will travel along a route from the Santa Ana Regional Transportation Center, through Downtown Santa Ana and the Civic Center, along the Pacific Electric right-of-way; connecting the Santa Ana Regional Transportation Center and a new transit hub at Harbor Boulevard and Westminster Avenue in Garden Grove. On the current schedule, construction for the OC Streetcar began in 2018, with expected service to begin carrying passengers in late 2024.

Project Director; *First Street Bridge Widening/Replacement, City of Santa Ana, CA.* Project director for this bridge replacement and widening of the First Street crossing over the Santa Ana River. The bridge was widened from four lanes to six lanes of traffic and provide 8-foot sidewalks on either side for pedestrians. A two-stage construction was provided to facilitate maintenance of vehicular and pedestrian traffic. The project also entails preparation of environmental documents, modification of the existing roadway approaches to align with the widened bridge structure, utility relocation, geotechnical investigation, relocation design of City 24-inch water main, and providing assistance with funding under Highway Bridge Replacement and Rehabilitation (HBRR) program. Coordination with Caltrans District 12 and Headquarters on the HBRR funding, as well as with county of Orange County Flood Control District (OCFCD) and U.S. Army Corps of

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Engineers (USACE) on hydraulic studies and work in the river channel was provided.

Project Manager; *On-Call Engineering Services, City of Santa Ana, CA.* Project manager working as an extension of city staff to provide engineering services in support of the city's capital improvement program. Full range of services provided included engineering design, structural analysis, surveying, geotechnical, potholing, architectural, traffic and landscape design, drainage evaluations and recommendations, field inspections for NPDES compliance, and hiring of specialty subconsultants as necessary to meet task order specific requirements. On-call projects included:

- First Street Rehabilitation
- New Horizons Neighborhood Rehabilitation
- Traffic Control Plans for McFadden Avenue
- Traffic Control Plans for Bristol Street
- Jerome Park Ball Field Lighting
- Second Street and Bristol/La Veta Lighting
- Fountains refurbishment on the Civic Center Parking structures
- Landscape mitigation for Memory Lane bridge project
- Seismic analysis of Broadway parking structure, and grandstands at Eddie West Field

Design Manager; *Kraemer Grade Separation, OCTA, Anaheim/Placentia, CA.* Design manager during construction. The project featured a rail shoofly from the Placentia Avenue grade separation through the Kraemer Boulevard grade separation to allow the construction of the railroad bridge; deep excavation and street construction on both Kraemer and Crowther for the underpass; relocation of water and sewer facilities; coordination of the relocation of overhead and underground electrical (SCE) and telephone (AT&T). Overall right-of-way impacts were minimized through the use of innovative retaining wall systems.

Project Manager; *Orangethorpe Avenue Grade Separation, OCTA, Anaheim and Placentia, CA.* This project raises Orangethorpe over the tracks. Pat's team developed a innovative and cost effective approach to the bridge, addressing the 70-degree skew to provide BNSF with better use of their right of way while minimizing impacts to surrounding properties. Work entailed significant utility relocation, including small and large diameter sewers (City and OC Sanitation District), water distribution facilities (City and Golden State Water), distribution and transmission gas mains (SCG), underground and overhead distribution and overhead transmission electrical (SCE), as well as communication facilities (AT&T). A hydrology and hydraulic analysis along with a Water Quality Management Plan (WQMP) were prepared. Extensive coordination with OCFCD was required due to modifications to three drainage channels, maintenance requirements, two proposed bridge crossings of the channels, and the approval of the WQMP and storm drain connections to their facilities.

Project Manager; *Raymond Avenue Grade Separation, City of Fullerton, CA.* Preparation of a project report, environmental document and final design for the construction of an underpass at the Burlington Northern Santa Fe (BNSF) railroad tracks. Initial phase of work involves the planning, development, and analysis of multiple alternatives in an effort to determine the most feasible option meeting the needs of the project in a cost-effective manner. A drainage report was prepared that examined the 10-year (street flow requirement) and 100-year (pump station requirement) storm event to determine the appropriate method to address project drainage, retention of flow, and not exceeding current discharge into the channel. Coordination was required with OCFCD for the approval of the WQMP, hydrology and hydraulic analysis along with discharge volumes, and two new channel entry structures. Significant utility relocation was required including City-owned sewer and water facilities, undergrounding of electrical (SCE) and telephone (AT&T) systems, gas mains (SCG) and the 37-inch Orange County Feeder water main (MWD).

EDUCATION

› Professional Certificate, Landscape Architecture, University of California, Los Angeles Extension, 2006

CERTIFICATIONS

› Professional Landscape Architect (PLA): CA #5623

YEARS OF EXPERIENCE

30+

LOCATION

Los Angeles, CA

Jan Dyer, *PLA, ASLA*

Construction Scheduling (P6)

STUDIO-MLA

About George

Jan has over 30 years of project design and construction administration experience. Prior to joining Studio-MLA, she was the construction manager for a real estate developer building hotels, high-rise office and residential developments, and industrial parks. Jan's experience on both sides of the table helps her to successfully collaborate on a wide range of projects. As Director of infrastructure for transportation, transit, airport and river projects at Studio-MLA, Jan possesses knowledge of public agencies and processes that allows her to connect planning to strong design and successful implementation. She oversees transit, watershed planning, civic master plans, park design and higher education projects. Her most recent projects include Upper Los Angeles River and Tributaries Revitalization Master Plan, the San Gabriel River Greenway Network Strategic Implementation Plan, and the Riverside Gateway Project Suite. Jan thrives on participating in strategic planning with all kinds of public and non-profit agencies.

Project Experience

› 8570 National Blvd, Culver City, CA

› Amgen Headquarters, Thousand Oaks, CA

› Atwater Multi-modal Bridge, Los Angeles, CA

› Avenue Q Improvements, Palmdale, CA

› Compton Creek Implementation Plan, Compton, CA Crenshaw LAX Transit Development & Streetscapes, Los Angeles, CA

› Dept of Rec & Parks Needs Assessment, Los Angeles, CA G2 Taylor Yard River Park, Los Angeles, CA

› Grand Hope Lofts, Los Angeles, CA

› Ishihara Park, Santa Monica, CA

› Harvard-Westlake River Park Campus, Los Angeles, CA

› LA County Parks & Rec Strategic Plan, Los Angeles County, CA

› LA Metro Crenshaw North Extension, Los Angeles, CA

› LA Parks & Recreation Needs Assessment, Los Angeles, CA LA River City of Vernon Bikeway, Vernon, CA

› LA River Revitalization Master Plan, Los Angeles, CA

› LA River Valley Bikeways & Greenways Feasibility Study, Los Angeles, CA

› LA Riverfront Greenway Phase 2, Los Angeles, CA

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EDUCATION

- M.B.A., Real Estate and Finance, The Anderson School, UCLA, 1991
- B.S., Civil Engineering, University of California at Berkeley, 1986

CERTIFICATIONS

- Professional Civil Engineer (PE): CA #C47937, FL #71906, ID #P-17483, LA #PE.0040180, NC #044043, NV #024963, WA #55291

MEMBERSHIPS & AFFILIATIONS

- American Railway Engineering and Maintenance of Way Association (AREMA), Committee 16 – Economics of Railway Engineering and Operations
- American Society of Civil Engineers (ASCE) – Transportation & Development Institute
- WTS International

YEARS OF EXPERIENCE

30+

LOCATION

Manhattan Beach, CA

Rachel Vandenberg, *PE*

Grant Writing Support

Rheia CONSULTING

About Rachel

Rachel has more than 30 years of experience providing strategic planning, engineering, and project management for transportation of people and goods across multiple modes. Her professional background includes the management of technical and financial studies, performance metrics, environmental analysis, design, and construction supervision of rail, freight, transit, ports, highway, and public transportation projects. She has managed relationships with a diverse client base that includes Class I railroads, port authorities, state departments of transportation, self-help counties, regional transportation and transit agencies, cities, private operators and developers, and port authorities.

Project Experience

Project Director; *Multi-modal Transit/Transportation Study, Anaheim Transportation Network, Anaheim, CA.* Project director for consultant team assessing mobility needs and developing an actionable plan to deliver a new transit service connecting the future high-speed train station in Anaheim with the Disney Resort, Anaheim Convention Center, new mixed used development, and surrounding communities. Work includes route alternatives, ridership analysis, technology recommendation, definition of capital investments, operating plan, and finance plan.

Subconsultants; *Multi-modal Rail Planning Limited Services Contract, North Carolina Department of Transportation (NCDOT) Rail Division, NC.* As subconsultant, providing technical assessment and developing concept strategies for improved circulation and access to an important regional inter-modal freight terminal.

Consultant Leading Grant Strategy; *Federal Grant Services, NCDOT Rail Division, NC.* Consultant leading grant strategy, including definition of project outcomes and performance measures to match requirements and criteria in notice of funding opportunity. Preparation of grant application narrative and benefit-cost analysis to secure funds under Federal Railroad Administration CRISI and Federal-State Partnership grant programs.

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Project Director; *Confidential Client, Sustainability Engineering Support Services; multiple states.* Prior project director and current independent consultant supporting global ocean carrier in the development of strategies to develop net-zero carbon supply chain, including eligibility for federal and state grants and incentives. Led development of baseline sustainability analysis for Southern California inter-modal container terminal. Providing strategic support for identification of alternative zero carbon fuels and lower carbon transition energy sources.

Deputy Program Manager; *Alameda Corridor Rail Expressway, Los Angeles, CA.* Deputy program manager for $2.4-billion, 20-mile grade-separated, freight rail corridor. Managed the day-to-day program operations during design-build solicitation and award, including program staffing, contracts management, grants administration, information management, and budget control. Developed and implemented procedures for project controls and quality management in compliance with federal and state funding requirements. Developed dashboards for weekly executive reporting on program progress, risks, budget, and schedule status. Participated in regular executive team meetings that included representatives from the Ports of Los Angeles and Long Beach. Expedited CPUC approval process for multiple grade crossing improvements in close coordination with Union Pacific Railroad.

Project Manager; *On-Call Professional Transportation Services, Port of Long Beach, CA.* Project manager. Oversaw the development of three interrelated traffic circulation studies. Developed successful grant strategy and application for Trade Corridor Enhancement Program (TCEP) grant. Coordinated with Caltrans district as co-applicant.

Project Manager; *Integrated Project Delivery Procedures, Port of Long Beach, CA.* Project manager for development of integrated procedures to guide the delivery of the port's capital program from project initiation through environmental clearance, design, construction, and close-out. Under guidance of the port's program management office, collaborated across departments and divisions to more clearly define roles and responsibilities in the delivery of the port's capital program.

Principal-in-Charge; *Environmental Management System, Port of Los Angeles, San Pedro, CA.* Served as principal in charge for the Port of Los Angeles' Environmental Management and Construction and Maintenance divisions' administration of its ISO 14001:2004 Certified EMS.

Technical Lead and Engineer of Record; *SunRail Vehicle Storage and Maintenance Facility Track Shift and Noise Wall, Southcoast Construction, Delray, FL.* Technical lead, and engineer-of-record for realignment of two mainline tracks under design-build contract.

Project Principal And Engineer-in-Charge; *South Florida Freight and Passenger Improvements, South Florida Regional Transportation Authority (SFRTA), Maimi and Palm Beach, FL.* Project principal and engineer in charge for design and construction support services, under proposed design-build contract to Transdev, for two new rail connections between the South Florida Rail Corridor and the Florida East Coast Railroad.

Subconsultant; *Grade Crossing Rehabilitation, South Florida Regional Transportation Authority (SFRTA), Various Locations, FL.* As a subconsultant to TransDev, project principal and engineer-of-record providing on-call services including track design, coordination with the contractor to deploy survey team to survey grade crossings and production of as-built drawings to document upgraded grade crossings on Tri-Rail / CSX rail corridor.

EDUCATION

› B.S., Civil Engineering, California State Polytechnic University, Pomona, 2006

CERTIFICATIONS

› Professional Traffic Engineer (TE): CA #2534

YEARS OF EXPERIENCE

17

LOCATION

Los Angeles, CA

ANGEL GAYTAN, *TE*

Traffic

About Angel

Angel has 17 years of experience in traffic engineering and planning for both private and public sectors. Angel currently leads a team of engineers to prepare and deliver quality traffic engineering plans, studies, and analyses for some of the largest projects in the greater Los Angeles area, including Automated People Mover, Westside Subway Extension Section 1, Crenshaw/LAX Transit Corridor, and Regional Connector. Angel has worked closely with agencies such as LADOT, LACDPW, LABSS, City Council Districts, city of Beverly Hills, city of Inglewood, Port of Long Beach, Metro and Caltrans. Angel has also prepared traffic impact studies for projects assessing the existing and full-build impact projection of developments as well as transportation management plans.

Project Experience

Project Manager; *Westside Subway Extension Section 1 Design-Build Project, LA Metro, Los Angeles, CA.* Project Manager on the Westside Subway Extension Section 1 Design- Build Project Team which proposes to add approximately four miles of heavy rail transit tunnel and three stations under Wilshire Boulevard crossing through the cities of Los Angeles and Beverly Hills. Currently leading the effort of design and approval of restoration signing and striping plans and traffic signal plans. In addition, serving as Project Manager working directly with the prime contractor, leading the effort for all preparation and approval of worksite traffic control plans including construction staging for pile and decking installations, cross passages, closure plans and preparation of a transportation management plan. Significant coordination with agencies such as LADOT, City of Beverly Hills and LA Metro are also included tasks.

Project Manager; *Crenshaw/LAX Transit Corridor Design-Build Project, LA Metro, Los Angeles, CA.* Project Manager on the $2 Billion Crenshaw/LAX Transit Corridor Design-Build Project Team. This light-rail transit project proposes eight stations and 8.5-miles of below-grade, at-grade and aerial LRT traveling through the cities of Los Angeles, Inglewood, and El Segundo, connecting Metro's Expo Line and Green Line. Led the team's effort in design and approval of restoration signing and striping plans and traffic signal plans as well as worksite traffic control plans. Other duties included assisted in the preparation of temporary traffic signal plans as well as prepared a corridor-wide transportation management plan for the project. Coordination with LADOT, LABSS, the city of Inglewood, the city of El Segundo and Metro through the design review and approval process

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were included tasks. Also led post-design services during construction.

Project Manager; *Eastside Transit Corridor Phase 2, LA Metro, Los Angeles, CA.* Project Manager on the Eastside Transit Corridor Phase 2 project which included advanced conceptual engineering for the extension of the Gold Line light-rail further east from the current terminus in East Los Angeles at Atlantic Boulevard and Pomona Boulevard. Responsible for the conceptual design of three alternatives for the extension of the Gold Line. The conceptual design included restoration signing and stripping, traffic signal and temporary traffic control design on local streets for proposed aerial, underground, and at grade light rail transit traversing over 40 intersections.

Project Manager; *LINK Union Station Project, LA Metro, Los Angeles, CA.* Responsible for the conceptual design of traffic signals and signing and striping plans for Commercial/US-101 Ramps and Commercial/Center. Design elements include a class IV bike lane, traffic control report, and visibility analyses due to horizontal and vertical grades. Traffic control plans were also prepared for preliminary utility investigations. This estimated $2.3 billion project will include new run- through tracks over US-101, new lead tracks, elevated rail yard, and platforms, accommodations for the planned High Speed Rail system and offsite improvements to BNSF Malabar Yard. Preliminary design included coordination with LADOT, LABOE, LABSS, LABSL, COLA planning and Metro.

Project Manager; *Regional Connector Transit Design-Build Project, LA Metro, Los Angeles, CA.* This 1.9-mile underground light-rail transit project extends from the Metro Gold Line Station in Little Tokyo to the 7th Street Metro Center Station hub in the heart of Downtown Los Angeles. Led the team's effort in design and approval of restoration signing and striping and traffic signal plans. The plan approval process required coordination with LADOT as well as coordination efforts with LABOE and Metro.

Project Manager; *Automated People Mover P3 Project, LAX, Los Angeles, CA.* Project Manager on the $4.9 billion LAX Automated People Mover Project which includes a 2.25-mile elevated guideway train system which will deliver passengers from LAX to proposed offsite parking, car rental and transit facilities. Led the effort of design and approval of restoration signing and striping plans and traffic signal plans for local streets adjacent to LAX and the proposed People Mover.

Project Manager; *Photo Enforcement Retrofit Project, LA Metro, Los Angeles, CA.* Responsible for design and approval of photo enforcement traffic signal plans following LADOT and LABOE design standards to retrofit the photo enforcement equipment over 70 intersections across Metro's Blue, Gold, Orange, Exposition, and Crenshaw Lines. Coordination with LADOT and Metro was required.

Project Manager; *Pier B On-Dock Rail Support Facility Project, Port of Long Beach, CA.* Responsible for preparation of traffic control plans for various utility investigation support for the $870 million project which expands the existing yard to 38 storage tracks, removal of the existing Shoemaker Bridge ramps and other streets between 9th Street and 12th Street, and the realignment of Pier B Street and Pico Avenue. Coordination with Port of Long Beach was also included for expedited approval.

Project Manager; *Destination Crenshaw Project, Los Angeles, CA.* Responsible for traffic engineering services for the 1.3-mile-long outdoor art and cultural experience along Crenshaw Blvd in Los Angeles. Traffic engineering services include signing and stripping, traffic signals, street lighting worksite traffic control, parking lot design, and traffic control reports. Coordination with agencies includes LADOT, LABSL, and LADBS.

EDUCATION

- Ph.D (ABD) City and Regional Planning, UC Berkeley, 2015
- M.R.P., City and Regional Planning, Cornell University, 2005
- B.S., Community and Regional Development, University of California, Davis, 2001

MEMBERSHIPS & AFFILIATIONS

- MPact

YEARS OF EXPERIENCE

20

LOCATION

Los Angeles, CA

Monica Villalobos

Community Engagement

About Monica

Monica's unique experience includes work at the intersection of transportation-oriented community planning, land use, environmental justice and award-winning community engagement strategies. With 20 years of experience, she has a proven record as a technical expert and public engagement strategist on a variety of large-scale multidisciplinary transportation planning and policy projects. Over the course of her career, she has led several transit and station area planning projects for Metro including Regional Connector, Purple Line Extension, E Line Extension, K Line Extension to Torrance, and K Line Northern Extension. She has worked closely with key decision makers, community groups, stakeholders, elected officials, and the public to successfully plan, design and implement projects.

Project Experience

Project Lead; *E Line Extension, LA Metro, Los Angeles, CA.* Monica served as the project lead responsible for conducting the Transit Oriented Communities (TOC) and First/Last Mile (FLM) Assessment, and leading the FLM Plan. The E Line Extension is currently in the Advanced Conceptual Engineering phase. The TOC and FLM Assessment was conducted for stations along the proposed alignments including an evaluation of accessibility, land use, economic development, and equity. The FLM Plan includes existing conditions analysis, walk audits, pathway network map designs and prioritization of active transportation improvements in coordination with local jurisdictions.

Project Lead; *K Line Northern Extension, LA Metro, Los Angeles, CA.* Draft EIR and Advanced Conceptual Engineering for the K Line Northern Extension project connecting the Crenshaw-LAX Project to the Metro Purple Line on Wilshire Boulevard and the Metro Red Line in Hollywood. VICUS is responsible for the delivery of Urban Design, TOC and FLM analysis for 14 proposed station areas. Monica serves as the task lead on the project. She oversees TOC mapping of potential stations areas, demographic analysis, and mapping of JD and TOC opportunities. She leads coordination with engineers, architects, Metro, city agencies and the public.

Project Lead; *Rail-to-Rail Construction Management Support Services, LA Metro, Los Angeles, CA.* Metro is constructing their first active transportation corridor connecting two rail lines from Inglewood to South LA. VICUS is helping with business and community resident outreach for the duration of construction of the multi-use path. Monica is responsible for coordinating with Metro, the contractor and community relations staff.

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Project Lead; *K Line Extension to Torrance, LA Metro, Los Angeles, CA.* Community Integration lead responsible for overseeing TOC, FLM and coordination with the Outreach Contractor during the re-initiation of the Draft EIR for the Metro K Line extension to Torrance. Monica oversaw the development of the TOC report, organized neighborhood walking tours to discuss stations and FLM and facilitated at community outreach meetings. She previously led the development of the administrative Draft EIS/EIR sections and technical reports, as well as coordination with federal, state, and local agencies. The project involves analysis of light rail alternatives connecting the existing Metro K Line project terminus in Redondo Beach to a possible connection in the City of Torrance.

Project Lead; *Transit Oriented Communities (TOC) Implementation Plan, LA Metro, Los Angeles, CA.* As part of the Metro Long Range Transportation Plan, the TOC Implementation Plan establishes guidance and performance measures for the implementation of Metro's TOC policy. Monica provided strategy and input on TOC, FLM, and Equity measures and best practices. She participated in a stakeholder working group meetings with partner agencies and community-based organizations. Vicus developed technical material for the TOC framework and Implementation Plan and facilitated working group meetings with over 20 CBO and agency partners.

Project Lead; *Traffic Reduction Study, LA Metro, Los Angeles, CA.* Monica was the project lead serving as the Equity task lead, overseeing both technical analysis and an outreach program for stakeholder engagement. Monica developed a cutting-edge program to evaluate potential benefits and burdens on vulnerable population groups, identification of performance measures and recommended policies to address equity. She also developed an inclusive and diverse equity outreach program involving public outreach meetings, focus groups, and CBO and stakeholder engagement. Metro's Traffic Reduction Study is evaluating viable alternatives for the development of a pilot congestion pricing project.

Project Lead; *SR 78 Comprehensive Multi-modal Corridor Plan, San Diego Association of Governments, Southern CA.* Monica was the project lead responsible for supporting the development of a corridor assessment, as well as leading the equity analysis and a FLM assessment. Monica also supported outreach activities, equity workshop facilitation, and meetings with SANDAG, Caltrans and the technical working group. The SR 78 CMCP provides a strategic framework for planning multimodal transportation projects along the SR 78 corridor in North County.

Project Lead; *SR 67 Comprehensive Multi-modal Corridor Plan, San Diego Association of Governments, Southern CA.* Monica was the project lead responsible for supporting the development of a corridor assessment, as well as leading the equity analysis and a FLM assessment. Monica also supported outreach activities, equity workshop facilitation, and meetings with SANDAG, Caltrans and the technical working group. The SR 67 CMCP provides a strategic framework for planning multimodal transportation projects along the SR 67 corridor in North County.

Project Lead; *Connect SoCal – 2020 Regional Transportation Plan/Sustainable Communities Strategy, Southern California Association of Governments, Southern CA.* Monica was the project lead responsible for supporting public engagement activities, strategic advice on engagement, and facilitating meetings throughout SCAG's six county regions. SCAG's Connect SoCal outreach program engaged the public and stakeholders throughout Southern California as part of the agency's RTP/SCS update.

CORDOBA
CORPORATION

1401 North Broadway
Los Angeles, CA 90012
Ph: (213) 895-0224
cordobacorp.com

EXHIBIT B
APPROVED FEE SCHEDULE

(SCHEDULE OF HOURLY LABOR RATES AND REIMBURSABLE)

Evaluation Criteria:

The Cordoba team's proposal includes a Schedule of Hourly Rates that identifies the job titles of all personnel including all subconsultants to be assigned to the City's projects.

Hourly rates reflect costs for office overhead, including direct and indirect costs. The Schedule of Hourly Rates remain fixed for the term of the PSA.

H. Schedule of Hourly Rates

Title/Classification	Experience	Hourly Rate
Project/Design Manager (PE)	16+ years	$307.99
Senior Project Engineer (PE)	12+ years	$271.03
Project Engineer (PE)	8-11 years	$227.91
Engineer III (PE)	5-8 years	$197.12
Engineer II (PE)	3-5 years	$166.32
Engineer I (EIT)	0-3 years	$123.20
Principal Designer	16+ years	$227.91
Designer III	11-15 years	$203.28
Designer II	7-10 years	$172.48
Designer I	4-7 years	$141.68
CAD Manager	15+ years	$163.38
Technician	0-5 years	$73.92
Project Controls Manager	16+ years	$242.55
Sr. Estimator	10-15 years	$221.83
Estimator	5-10 years	$174.65
Sr. Scheduler	10-15 years	$221.83
Scheduler	5-10 years	$174.65
Sr. Cost Analyst	10-15 years	$184.58
Cost Analyst	5-10 years	$135.38
Planning Manager	16+ years	$307.99
Senior Planner	8-11 years	$227.91
Planner III	5-8 years	$197.12
Planner II	3-5 years	$166.32
Planner I	0-3 years	$123.20
Document Control Specialist	0-5 years	$97.88
Sr. Procurement Specialist	5-8 years	$179.18
Procurement Specialist	3-5 years	$147.53

EXHIBIT C
TERMS FOR COMPLIANCE WITH CALIFORNIA LABOR LAW REQUIREMENTS

1. This Agreement calls for services that, in whole or in part, constitute "public works" as defined in Division 2, Part 7, Chapter 1 (commencing with Section 1720) of the California Labor Code ("Chapter 1"). Further, Consultant acknowledges that this Agreement is subject to (a) Chapter 1 and (b) the rules and regulations established by the Department of Industrial Relations ("DIR") implementing such statutes. Therefore, as to those Services that are "public works", Consultant shall comply with and be bound by all the terms, rules and regulations described in 1(a) and 1(b) as though set forth in full herein.

2. California law requires the inclusion of specific Labor Code provisions in certain contracts. The inclusion of such specific provisions below, whether or not required by California law, does not alter the meaning or scope of Section 1 above.

3. Consultant shall be registered with the Department of Industrial Relations in accordance with California Labor Code Section 1725.5, and has provided proof of registration to City prior to the Effective Date of this Agreement. Consultant shall not perform work with any subconsultant that is not registered with DIR pursuant to Section 1725.5. Consultant and subconsultants shall maintain their registration with the DIR in effect throughout the duration of this Agreement. If the Consultant or any subconsultant ceases to be registered with DIR at any time during the duration of the project, Consultant shall immediately notify City.

4. Pursuant to Labor Code Section 1771.4, Consultant's Services are subject to compliance monitoring and enforcement by DIR. Consultant shall post job site notices, as prescribed by DIR regulations.

5. Pursuant to Labor Code Section 1773.2, copies of the prevailing rate of per diem wages for each craft, classification, or type of worker needed to perform the Agreement are on file at City Hall and will be made available to any interested party on request. Consultant acknowledges receipt of a copy of the DIR determination of such prevailing rate of per diem wages, and Consultant shall post such rates at each job site covered by this Agreement.

6. Consultant shall comply with and be bound by the provisions of Labor Code Sections 1774 and 1775 concerning the payment of prevailing rates of wages to workers and the penalties for failure to pay prevailing wages. The Consultant shall, as a penalty to City, forfeit $200.00 for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the DIR for the work or craft in which the worker is employed for any public work done pursuant to this Agreement by Consultant or by any subconsultant.

7. Consultant shall comply with and be bound by the provisions of Labor Code Section 1776, which requires Consultant and each subconsultant to: keep accurate payroll records and verify such records in writing under penalty of perjury, as specified

in Section 1776; certify and make such payroll records available for inspection as provided by Section 1776; and inform City of the location of the records.

8. Consultant shall comply with and be bound by the provisions of Labor Code seq. concerning the employment of apprentices on public works projects. Consultant shall be responsible for compliance with these aforementioned Sections for all apprenticeable occupations. Prior to commencing work under this Agreement, Consultant shall provide City with a copy of the information submitted to any applicable apprenticeship program. Within 60 days after concluding work pursuant to this Agreement, Consultant and each of its subconsultants shall submit to City a verified statement of the journeyman and apprentice hours performed under this Agreement.

9. The Consultant shall not perform Work with any Subconsultant that has been debarred or suspended pursuant to California Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. The Consultant and Subconsultants shall not be debarred or suspended throughout the duration of this Contract pursuant to Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. If the Consultant or any subconsultant becomes debarred or suspended during the duration of the project, the Consultant shall immediately notify City.

10. Consultant acknowledges that eight hours labor constitutes a legal day's work. Consultant shall comply with and be bound by Labor Code Section 1810. Consultant shall comply with and be bound by the provisions of Labor Code Section 1813 concerning penalties for workers who work excess hours. The Consultant shall, as a penalty to City, forfeit $25.00 for each worker employed in the performance of this Agreement by the Consultant or by any subconsultant for each calendar day during which such worker is required or permitted to work more than eight hours in any one calendar day and 40 hours in any one calendar week in violation of the provisions of Division 2, Part 7, Chapter 1, Article 3 of the Labor Code. Pursuant to Labor Code section 1815, work performed by employees of Consultant in excess of eight hours per day, and 40 hours during any one week shall be permitted upon public work upon compensation for all hours worked in excess of eight hours per day at not less than one and one-half times the basic rate of pay.

11. California Labor Code Sections 1860 and 3700 provide that every employer will be required to secure the payment of compensation to its employees. In accordance with the provisions of California Labor Code Section 1861, Consultant hereby certifies as follows:

> "I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract."

12. For every subconsultant who will perform work on the project, Consultant shall be responsible for such subconsultant's compliance with Chapter 1 and Labor Code Sections 1860 and 3700, and Consultant shall include in the written contract between it and each subconsultant a copy of those statutory provisions and a requirement that each subconsultant shall comply with those statutory provisions. Consultant shall be required to take all actions necessary to enforce such contractual provisions and ensure subconsultant's compliance, including without limitation, conducting a periodic review of the certified payroll records of the subconsultant and upon becoming aware of the failure of the subconsultant to pay his or her workers the specified prevailing rate of wages. Consultant shall diligently take corrective action to halt or rectify any failure.

13. To the maximum extent permitted by law, Consultant shall indemnify, hold harmless and defend (at Consultant's expense with counsel reasonably acceptable to City) City, its officials, officers, employees, agents and independent consultants serving in the role of City officials, and volunteers from and against any demand or claim for damages, compensation, fines, penalties or other amounts arising out of or incidental to any acts or omissions listed above by any person or entity (including Consultant, its subconsultants, and each of their officials, officers, employees and agents) in connection with any work undertaken or in connection with the Agreement, including without limitation the payment of all consequential damages, attorneys' fees, and other related costs and expenses. All duties of Consultant under this Section shall survive the termination of the Agreement.

AGREEMENT NO. _____
PROFESSIONAL SERVICES AGREEMENT
BETWEEN THE CITY OF PICO RIVERA AND
KIMLEY HORN & ASSOCIATES, INC.

1. IDENTIFICATION

THIS PROFESSIONAL SERVICES AGREEMENT ("Agreement") is entered into by and between the City of Pico Rivera, a California municipal corporation ("City") and Kimley Horn & Associates, Inc., ("Consultant"). City and Consultant are sometimes hereinafter individually referred to as a "Party" and collectively referred to as "Parties."

2. RECITALS

2.1 City has determined that it requires professional services from a consultant to provide on-call engineering services.

2.2 Consultant represents that it is fully qualified to perform such professional services by virtue of its experience and the training, education and expertise of its principals and employees. Consultant further represents that it is willing to accept responsibility for performing such services in accordance with the terms and conditions set forth in this Agreement.

NOW, THEREFORE, for and in consideration of the performance by the Parties of the mutual covenants and conditions herein contained, the Parties hereto agree as follows:

3. DEFINITIONS

3.1 "Scope of Services": Such professional services as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "A" and incorporated herein by this reference.

3.2 "Approved Fee Schedule": Such compensation rates as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "B."

3.3 "Commencement Date" : April 23, 2024

3.4 "Expiration Date" : June 30, 2029

4. TERM

The term of this Agreement shall commence at 12:00 a.m. on the Commencement Date and shall expire at 11:59 p.m. on the Expiration Date unless extended by written agreement of the Parties or terminated in accordance with Section 22 below.

5. CONSULTANT'S SERVICES

5.1 Consultant shall perform the services identified in the Scope of Services. City shall have the right to request, in writing, changes in the Scope of Services. Any such changes mutually agreed upon by the Parties, and any corresponding increase or decrease in compensation, shall be incorporated by written amendment to this Agreement. In no event shall the total compensation and costs payable to Consultant under this Agreement exceed the sum of Two Million Five Hundred Thousand Dollars ($2,500,000.00), unless specifically approved in advance, in writing, by City.

5.2 Consultant shall perform all work to the highest professional standards of Consultant's profession and in a manner reasonably satisfactory to City.

6. COMPENSATION

6.1 City agrees to compensate Consultant for the services provided under this Agreement, and Consultant agrees to accept in full satisfaction for such services, payment in accordance with the Approved Fee Schedule.

6.2 Consultant shall submit to City an invoice, on a monthly basis or less frequently, for the services performed pursuant to this Agreement. Each invoice shall itemize the services rendered during the billing period and the amount due. Within ten (10) business days of receipt of each invoice, City shall notify Consultant in writing of any disputed amounts included on the invoice. Within thirty (30) calendar days of receipt of each invoice, City shall pay all undisputed amounts included on the invoice. City shall not withhold applicable taxes or other authorized deductions from payments made to Consultant.

6.3 Payments for any services requested in writing by City and not included in the Scope of Services shall be made to Consultant by City on a time-and-materials basis using Consultant's standard fee schedule. Fees for such additional services shall be paid within sixty (60) days of the date Consultant issues an invoice to City for such services.

7. BUSINESS LICENSE

Consultant shall obtain a City of Pico Rivera business license prior to commencing performance under this Agreement.

8. COMPLIANCE WITH LAWS

Consultant shall keep informed of State, Federal and Local laws, ordinances, codes and regulations that in any manner affect those employed by it or in any way affect the performance of its services pursuant to this Agreement. Consultant shall at all times comply with such laws, ordinances, codes and regulations. Without limiting the generality

of the foregoing, if Consultant is an out-of-state corporation or LLC, it must be qualified and registered to do business in the State of California pursuant to sections 2105 and 17708.02 of the California Corporations Code. The City, its officers and employees shall not be liable at law or in equity occasioned by failure of Consultant to comply with this Section.

9. CONFLICT OF INTEREST

Consultant covenants that it presently has no interest and shall not acquire any interest, direct or indirect, which may be affected by the services to be performed by Consultant under this Agreement, or which would conflict in any manner with the performance of its services hereunder. During the term of this Agreement, Consultant shall not perform any work for another person or entity for whom Consultant was not working at the Commencement Date of this Agreement if both: (i) such work would require Consultant to abstain from a decision under this Agreement pursuant to a conflict of interest statute; and (ii) City has not consented in writing prior to Consultant's performance of such work.

10. PERSONNEL

Consultant represents that it has, or will secure at its own expense, all personnel required to perform the services identified in the Scope of Services. All such services shall be performed by Consultant or under its supervision, and all personnel engaged in the work shall be qualified to perform such services. Consultant reserves the right to determine the assignment of its own employees to the performance of Consultant's services under this Agreement, but City reserves the right, for good cause, to require Consultant to exclude any employee from performing services on City's premises. Patrick Wong, Project Manager, shall be Consultant's project administrator and shall have direct responsibility for management of Consultant's performance under this Agreement. No change shall be made to Consultant's project administrator without City's prior written consent.

11. OWNERSHIP OF WRITTEN PRODUCTS

All reports, documents or other written material ("written products") developed by Consultant in the performance of this Agreement shall be and remain the property of City without restriction or limitation upon its use or dissemination by City. Consultant may take and retain copies of such written products as desired, but no such written products shall be the subject of a copyright application by Consultant. If any state, federal, or local law requires mandatory copyright protection for Consultant's work product, City shall comply with such laws to the extent feasible.

12. INDEPENDENT CONTRACTOR

12.1 Consultant is, and shall at all times remain as to City, a wholly independent contractor. Consultant shall have no power to incur any debt, obligation, or liability on behalf of City or otherwise to act on behalf of City as an agent. Neither City nor any of its officers, employees or agents shall have control over the conduct of Consultant or any of Consultant's employees, except as set forth in this Agreement. Consultant shall not at any time represent that it is, or that any of its agents or employees are, in any manner employees of City.

12.2 The Parties further acknowledge and agree that nothing in this Agreement shall create or be construed to create a partnership, joint venture, employment relationship, joint-employer relationship, or any other relationship between Consultant or Consultant's employees except as set forth in this Agreement.

12.3 City shall have no direct or indirect control over Consultant's employees or sub-consultants with respect to wages, hours, and working conditions. In addition, City shall not deduct from the Compensation paid to Consultant any sums required for Social Security, withholding taxes, FICA, state disability insurance or any other federal, state or local tax or charge which may or may not be in effect or hereinafter enacted or required as a charge or withholding on the compensation paid to Consultant, Consultant's employees or subconsultants. City shall have no responsibility to provide Consultant, its employees or subconsultants with workers' compensation insurance or any other insurance.

12.4 The Parties further acknowledges the following: (i) that Consultant shall provide the services outlined in the Scope of Services directly to City; (ii) Consultant maintains a business location at the address listed under Section 20 that is separate and distinct from the City; (iii) Consultant contracts with other businesses to provide the same or similar services and maintains a clientele without restriction from the City; (iv) Consultant advertises and holds itself out to the public as available to provide the same or similar services; (v) unless otherwise specified in this Agreement, Consultant provides its own tools, vehicles, and equipment necessary for performing the Scope of Services; (vi) Consultant has proposed and negotiated its own rates; and (vii) consistent with the nature and demands of the project and the City's business hours, Consultant may set its own hours and location of work.

13. CONFIDENTIALITY

All data, documents, discussion, or other information developed or received by Consultant or provided for performance of this Agreement are deemed confidential and shall not be disclosed by Consultant without prior written consent by City. City shall grant such consent if disclosure is legally required. Upon request, all City data and any copies thereof shall be returned to City upon the termination or expiration of this Agreement.

14. NON-LIABILITY OF CITY OFFICIALS AND EMPLOYEES

No official or employee of the City shall be personally liable to Consultant in the event of any default or breach by City, or for any amount which may become due to Consultant.

15. INDEMNIFICATION

15.1 The Parties agree that City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers should, to the extent permitted by law, be fully protected from any loss, injury, damage, claim, lawsuit, cost, expense, attorneys' fees, litigation costs, or any other cost arising out of or in any way related to the performance of this Agreement. Accordingly, the provisions of this indemnity provision are intended by the Parties to be interpreted and construed to provide the fullest protection possible under the law to City. Consultant acknowledges that City would not enter into this Agreement in the absence of Consultant's commitment to indemnify and protect City as set forth herein. Notwithstanding the foregoing, to the extent Consultant's services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.2 To the full extent permitted by law, Consultant shall indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant or any of its officers, employees, servants, agents, or subconsultants in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees. Notwithstanding the foregoing, to the extent Consultant's Services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.3 City shall have the right to offset against the amount of any compensation due Consultant under this Agreement any amount due to City from Consultant as a result of Consultant's failure to pay City promptly any indemnification arising under this Section 15 or related to Consultant's failure to either: (i) pay taxes on amounts received pursuant to this Agreement or (ii) comply with applicable workers' compensation laws.

15.4 The obligations of Consultant under this Section 15 will not be limited by the provisions of any workers' compensation act or similar act. Consultant expressly waives its statutory immunity under such statutes or laws as to City, its officers, agents, employees and volunteers.

15.5 Consultant agrees to obtain executed indemnity agreements with provisions identical to those set forth here in this Section 15 from each and every subconsultant or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. In the event Consultant fails to obtain such indemnity obligations from others as required herein, Consultant agrees to be fully responsible and indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant's subconsultants or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees.

15.6 City does not, and shall not, waive any rights that it may possess against Consultant because of the acceptance by City, or the deposit with City, of any insurance policy or certificate required pursuant to this Agreement. This hold harmless and indemnification provision shall apply regardless of whether or not any insurance policies are determined to be applicable to the claim, demand, damage, liability, loss, cost or expense.

15.7 **PERS ELIGIBILITY INDEMNITY.** In the event that Consultant or any employee, agent, or subconsultant of Consultant providing services under this Agreement claims or is determined by a court of competent jurisdiction or the California Public Employees Retirement System (PERS) to be eligible for enrollment in PERS as an employee of the City, Consultant shall indemnify, defend, and hold harmless City for the payment of any employee and/or employer contributions for PERS benefits on behalf of Consultant or its employees, agents, or subconsultants, as well as for the payment of any penalties and interest on such contributions, which would otherwise be the responsibility of City.

Notwithstanding any other agency, state or federal policy, rule, regulation, law or ordinance to the contrary, Consultant and any of its employees, agents, and subconsultants providing service under this Agreement shall not qualify for or become entitled to, and hereby agree to waive any claims to, any compensation, benefit, or any incident of employment by City, including but not limited to eligibility to enroll in PERS as an employee of City and entitlement to any contribution to be paid by City for employer contribution and/or employee contributions for PERS benefits.

16. INSURANCE

16.1 During the term of this Agreement, Consultant shall carry, maintain, and keep in full force and effect insurance against claims for death or injuries to persons or damages to property that may arise from or in connection with Consultant's performance of this Agreement. Such insurance shall be of the types and in the amounts as set forth below:

16.1.1 Comprehensive general liability, and Umbrella or Excess Liability Insurance covering all operations by or on behalf of Consultant providing insurance for bodily injury liability and property damage liability for the following and including coverage for:

16.1.1.1 Premises, operations, and mobile equipment

16.1.1.2 Products and completed operations

16.1.1.3 Broad form property damage (including completed operations)

16.1.1.4 Explosion, collapse, and underground hazards

16.1.1.5 Personal Injury

16.1.1.6 Contractual liability

in the amount of One Million Dollars ($1,000,000) per occurrence combined single limit; Two Million Dollars ($2,000,000) aggregate for products/completed operation; Two Million Dollars ($2,000,000) general aggregate (General aggregate must apply separately to Consultant's work under this Agreement.); and Five Million Dollars ($5,000,000) umbrella or excess liability.

16.1.2 Automobile Liability Insurance for owned, hired and non-owned vehicles utilized by Consultant, its employees or subconsultants, in the amount of One Million Dollars ($1,000,000) per accident for bodily injury and property damage.

16.1.3 Worker's Compensation Insurance as required by the laws of the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than One Million Dollars ($1,000,000) per accident for bodily injury or disease.

16.1.4 Professional Liability Insurance against errors and omissions in the performance of the work under this Agreement with coverage limits of not less than One Million Dollars ($1,000,000) per occurrence of claim/ Two Million Dollars ($2,000,000) in the aggregate.

16.2 Consultant shall require each of its subconsultants, if any, to maintain insurance coverage that meets all of the requirements of this Agreement.

16.3 The policy or policies required by this Agreement shall be issued by an insurer admitted in the State of California and with a rating of at least A:VII in the latest edition of Best's Insurance Guide.

16.4 Consultant agrees that if it does not keep the aforesaid insurance in full force and effect City may either: (i) immediately terminate this Agreement; or (ii) take out the necessary insurance and pay, at Consultant's expense, the premium thereon.

16.5 At all times during the term of this Agreement, Consultant shall maintain on file with City's Risk Manager a certificate or certificates of insurance showing that the aforesaid policies are in effect in the required amounts and, for the general liability and automobile liability policies, naming the City as an additional insured. Consultant shall, prior to commencement of work under this Agreement, file with City's Risk Manager such certificate(s).

16.6 Consultant shall provide proof that policies of insurance required herein expiring during the term of this Agreement have been renewed or replaced with other policies providing at least the same coverage. Consultant shall provide such proof to City at least two weeks prior to the expiration of the coverages.

16.7 The general liability and automobile policies of insurance required by this Agreement shall contain an endorsement naming City, its officers, employees, agents and volunteers as additional insureds. All of the policies required under this Agreement shall contain an endorsement providing that the policies cannot be canceled or reduced except on thirty days' prior written notice to City. Consultant agrees to require its insurer to modify the certificates of insurance to delete any exculpatory wording stating that failure of the insurer to mail written notice of cancellation imposes no obligation, and to delete the word "endeavor" with regard to any notice provisions.

16.8 The general liability and automobile policies of insurance provided by Consultant shall be primary to any coverage available to City. Any insurance or self-insurance maintained by City, its officers, employees, agents or volunteers, shall be in excess of Consultant's insurance and shall not contribute with it.

16.9 All insurance coverage provided pursuant to this Agreement shall not prohibit Consultant, and Consultant's employees, agents or subconsultants, from waiving the right of subrogation prior to a loss. Consultant hereby waives all rights of subrogation against the City.

16.10 Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of City, Consultant shall either reduce or eliminate the deductibles or self-insured retentions with respect to City, or Consultant shall procure a bond guaranteeing payment of losses and expenses.

16.11 Procurement of insurance by Consultant shall not be construed as a limitation of Consultant's liability or as full performance of Consultant's duties to indemnify, hold harmless and defend under Section 15 of this Agreement.

16.12 If Consultant maintains broader coverage and/or higher limits than the minimums shown above, the City requires and shall be entitled to the broader coverage and/or the higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

17. MUTUAL COOPERATION

17.1 City shall provide Consultant with all pertinent data, documents and other requested information as is reasonably available to City for the proper performance of Consultant's services under this Agreement.

17.2 In the event any claim or action is brought against City relating to Consultant's performance in connection with this Agreement, Consultant shall render any reasonable assistance that City may require.

18. RECORDS AND INSPECTIONS

Consultant shall maintain full and accurate records with respect to all matters covered under this Agreement for a period of three years after the expiration or termination of this Agreement. City shall have the right to access and examine such records, without charge, during normal business hours. City shall further have the right to audit such records, to make transcripts therefrom and to inspect all program data, documents, proceedings, and activities.

19. PERMITS AND APPROVALS

Consultant shall obtain, at its sole cost and expense, all permits and regulatory approvals necessary in the performance of this Agreement. This includes, but shall not be limited to, encroachment permits and building and safety permits and inspections.

20. NOTICES

Any notices, bills, invoices, or reports required by this Agreement shall be deemed received on: (i) the day of delivery if delivered by hand, facsimile, email, or overnight courier service during Consultant's and City's regular business hours; or (ii) on the third business day following deposit in the United States mail if delivered by mail, postage prepaid, to the addresses listed below (or to such other addresses as the Parties may, from time to time, designate in writing).

If to City:

Steve Carmona, City Manager
City of Pico Rivera
PO Box 1016
6615 Passons Blvd.
Pico Rivera, California 90660-1016

If to Consultant:

Darren Adrian, Principle-in-Charge/Senior Vice President
Kimley Horn & Associates, Inc.
660 South Figueroa St., Suite 2050
Los Angeles, CA 90017

With a courtesy copy to:

Arnold M. Alvarez-Glasman, City Attorney
13181 Crossroads Parkway North
Suite 400 - West Tower
City of Industry, CA 91746

21. SURVIVING COVENANTS

The Parties agree that the covenants contained in Sections 13, 15 and Paragraph 17.2 of Section 17, of this Agreement shall survive the expiration or termination of this Agreement.

22. TERMINATION

22.1 City shall have the right to terminate this Agreement for any reason on five (5) calendar days' written notice to Consultant. Consultant shall have the right to terminate this Agreement for any reason on sixty (60) calendar days' written notice to City. The effective date of termination shall be upon the date specified in the notice of termination. Consultant agrees that in the event of such termination, City's obligation to pay Consultant shall be limited to payment only for those services satisfactorily rendered, as solely determined by the City, prior to the effective date of termination. Consultant agrees to cease all work under this Agreement on or before the effective date of any notice of termination. All City data, documents, objects, materials or other tangible things shall be returned to City upon the termination or expiration of this Agreement.

22.2 If City terminates this Agreement due to no fault or failure of performance by Consultant, then Consultant shall be paid based on the work satisfactorily performed, as solely determined by the City, at the time of termination. In no event shall Consultant be entitled to receive more than the amount that would be paid to Consultant for the full performance of the services required by this Agreement.

23. ASSIGNMENT

Consultant shall not delegate, transfer, subcontract or assign its duties or rights hereunder, either in whole or in part, without City's prior written consent, and any attempt to do so shall be void and of no effect. City shall not be obligated or liable under this Agreement to any Party other than Consultant.

24. NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY

24.1 In the performance of this Agreement, Consultant shall not discriminate against any employee, subconsultant, or employment applicant because of race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation. Consultant will take affirmative action to ensure that subconsultants, employees, and employment applicants are treated without regard to their race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.2 Consultant will, in all solicitations or advertisements for employees placed by or on behalf of Consultant state either that it is an equal opportunity employer or that all qualified applicants will receive consideration for employment without regard to race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.3 Consultant will cause the foregoing provisions to be inserted in all subcontracts for any work covered by this Agreement except contracts or subcontracts for standard commercial supplies or raw materials.

25. WARRANTIES

25.1 Each Party has received independent legal advice from its attorneys with respect to the advisability of entering into and executing this Agreement, or been provided with an opportunity to receive independent legal advice and has freely and voluntarily waived and relinquished the right to do so. Each Party who has not obtained independent counsel acknowledges that the failure to have independent legal counsel will not excuse such Party's failure to perform under this Agreement.

25.2 In executing this Agreement, each Party has carefully read this Agreement, knows the contents thereof, and has relied solely on the statements expressly set forth herein and has placed no reliance whatsoever on any statement, representation, or promise of any other party, or any other person or entity, not expressly set forth herein, nor upon the failure of any other party or any other person or entity to make any statement, representation or disclosure of any matter whatsoever.

25.3 It is agreed that each Party has the full right and authority to enter into this Agreement, and that the person executing this Agreement on behalf of either Party has

the full right and authority to fully commit and bind such Party to the provisions of this Agreement.

26. CAPTIONS

26.1 The captions appearing at the commencement of the sections hereof, and in any paragraph thereof, are descriptive only and for convenience in reference to this Agreement. Should there be any conflict between such heading, and the section or paragraph thereof at the head of which it appears, the section or paragraph thereof, as the case may be, and not such heading, shall control and govern in the construction of this Agreement.

26.2 Masculine or feminine pronouns shall be substituted for the neuter form and vice versa, and the plural shall be substituted for the singular form and vice versa, in any place or places herein in which the context requires such substitution(s).

27. NON-WAIVER

27.1 The waiver by City or Consultant of any breach of any term, covenant or condition herein contained shall not be deemed to be a waiver of such term, covenant or condition or of any subsequent breach of the same or any other term, covenant or condition herein contained. In no event shall the making by City of any payment to Consultant constitute or be construed as a waiver by City of any breach of covenant, or any default which may then exist on the part of Consultant, and the making of any such payment by City shall in no way impair or prejudice any right or remedy available to City with regard to such breach or default. No term, covenant or condition of this Agreement shall be deemed to have been waived by City or Consultant unless in writing.

27.2 Each right, power and remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise shall be cumulative and shall be in addition to every other right, power, or remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise. The exercise, the commencement of the exercise, or the forbearance of the exercise by any Party of any one or more of such rights, powers or remedies shall not preclude the simultaneous or later exercise by such Party of any of all of such other rights, powers or remedies.

27.3 Consultant shall not be liable for any failure to perform if Consultant presents acceptable evidence, in City's sole judgment, that such failure was due to causes beyond the control and without the fault or negligence of Consultant.

28. COURT COSTS AND ATTORNEY FEES

In the event legal action shall be necessary to enforce any term, covenant or condition herein contained, the Party prevailing in such action, whether reduced to judgment or not, shall be entitled to its reasonable court costs, including accountants' fees and expert witness fees, if any, and attorneys' fees expended in such action. The venue for any litigation shall be Los Angeles County, California.

29. SEVERABILITY

If any term or provision of this Agreement or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable, then such term or provision shall be amended to, and solely to, the extent necessary to cure such invalidity or unenforceability, and in its amended form shall be enforceable. In such event, the remainder of this Agreement, or the application of such term or provision to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby, and each term and provision of this Agreement shall be valid and be enforced to the fullest extent permitted by law.

30. GOVERNING LAW

This Agreement shall be governed and construed in accordance with the laws of the State of California.

31. COUNTERPARTS

This Agreement may be signed in any one or more counterparts all of which taken together shall be but one and the same Agreement. Any signed copy of this Agreement or of any other document or agreement referred to herein, or copy or counterpart thereof, delivered by facsimile or email transmission, shall for all purposes be treated as if it were delivered containing an original manual signature of the Party whose signature appears in the facsimile or email and shall be binding upon such Party in the same manner as though an originally signed copy had been delivered.

32. ENTIRE AGREEMENT

All documents referenced as exhibits in this Agreement are hereby incorporated in this Agreement. In the event of any material discrepancy between the express provisions of this Agreement and the provisions of any document incorporated herein by reference, the provisions of this Agreement shall prevail. This instrument contains the entire Agreement between City and Consultant with respect to the transactions contemplated herein. No other prior oral or written agreements are binding upon the Parties. Amendments hereto or deviations herefrom shall be effective and binding only if made in writing and executed by City and Consultant.

TO EFFECTUATE THIS AGREEMENT, the Parties have caused their duly authorized representatives to execute this Agreement on the dates set forth below.

"CITY" CITY OF PICO RIVERA	"CONSULTANT" KIMLEY HORN & ASSOCIATES, INC.
_____ Andrew C. Lara, Mayor	_____ Darren Adrian, Principle-in-Charge/Senior Vice President
Dated: _____	Dated: _____
ATTEST:	**APPROVED AS TO FORM:**
_____ Cynthia Ayala, City Clerk	_____ Arnold M. Alvarez-Glasman, City Attorney

EXHIBIT A
SCOPE OF SERVICES

Prepared for:

City of Pico Rivera

Proposal for On-Call Engineering Services

Prepared by:

Kimley»Horn

Expect More. Experience Better.

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A. LETTER OF OFFER

February 14, 2024

» 660 South Figueroa
Street Suite 2050
Los Angeles, CA 90017
TEL 213.261.4040

Ms. Noe Negrete
Director of Public Works
City of Pico Rivera
6615 Passons Boulevard
Pico Rivera, CA 90660

RE: Proposal for On-Call Engineering Services

Dear Ms. Negrete and Members of the Selection Committee:

The **City of Pico Rivera** (City) embraces cultural diversity and celebrates a strong sense of community, as is evident in the City's commitment to public service and its support for local economic growth. Your unique location and welcoming environment present a place with special characteristics, such as opportunities for community enhancement and sustainable living. With 57 years of experience providing consulting services to municipalities and public clients nationwide, the **Kimley-Horn** team has a record of delivering cost effective, high quality, and responsive services for on-call contracts. Our team offers the following benefits:

Proven Leadership and Extensive On-Call Experience. The Kimley-Horn team has had the pleasure of working with the City of Pico Rivera on a variety of projects including the Pico Rivera Regional Bikeway, Pio Pico State Park Trail, and Phaeton Traffic Calming projects. In addition, Kimley-Horn has successfully completed hundreds of on-call tasks for agencies across Southern California, including projects for the Counties of Los Angeles and Orange and for the cities of Pico Rivera, Downey, El Monte, Industry, Anaheim, Santa Ana, Fontana, Santa Monica, Los Angeles, Malibu, Thousand Oaks, and more.

Project manager **Patrick Wong, CPD, QSD/P, ENV SP** has more than 25 years of experience managing various infrastructure projects, transportation and transit, commercial retail, and multi-story residential projects. Patrick will be supported by principal-in-charge **Darren Adrian, P.E.** with 30 years of experience in planning, design, management and construction of transportation, commercial, industrial, institutional, municipal, and military facilities; and QC/QA managers **Frank Hoffmann, P.E.** with 35 years of experience in civil design and construction management, **Jean Fares, P.E.** with 35 years of experience in traffic and transportation engineering, and **Kevin Thomas, CEP, ENV SP** who has 38 years of experience managing and preparing environmental and planning studies for public and private sectors clients under the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA).

Multidisciplinary Approach and Resources. Our in-house multidisciplinary resources have helped us create a unique approach to public works projects resulting in consistent success in project execution for our clients. We will mainly support the City for this on-call project from our Los Angeles and Orange offices. Our teaming partners, **Arellano Associates** (outreach and planning), **Calvada Surveying, Inc.** (surveying and mapping), **Diaz Yourman & Associates** (geotechnical engineering), and **Paragon Partners Consultants, Inc.** (right-of-way), all have local experience on public works projects.

Commitment to You. We know that a strong commitment to client satisfaction and success must be the foundation of our service to you and we will strive to deliver technical excellence, timely service, and practical solutions for this on-call program. I will be personally available to the City for this program and will serve as the main point of contact for Kimley-Horn. If you have any questions regarding these qualifications, I can be reached at my contact information below.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.

Patrick Wong, CPD, QSD/P, ENV SP
Project Manager

Darren Adrian, P.E.
Principal-in-Charge/Senior Vice President

Consulting Firm:

Kimley-Horn | 660 South Figueroa Street, Suite 2050, Los Angeles, CA 90017 | 213.261.4040

Contact Person:

Patrick Wong, CPD, QSD/P, ENV SP | Project Manager | 660 South Figueroa Street, Suite 2050, Los Angeles, CA 90017 | 213.354.9952

Federal Tax ID:

56-0885615

Proposed Subconsultants:

Arellano Associates | 5851 Pine Avenue, Suite A, Chino Hills, CA 91709 | Contact: Genoveva L. Arellano, Principal

Calvada Surveying, Inc. | 411 Jenks Circle, Suite 205, Corona, CA 92878 | Contact: Saul Melgarejo Jr., PLS

Diaz Consultants, Inc. dba Diaz Yourman & Associates | 1616 East 17th Street, Santa Ana, CA 92705 | Contact: S. Niranjanan, PE, GE, Geotechnical Principal

Paragon Partners Consultants, Inc. | 5660 Katella Avenue, Suite 100, Cypress, CA 90630 | Contact: Cheryl DeMucci, Vice President

Other Required Statements:

Kimley-Horn's proposal shall remain valid for a period of not less than 90 calendar days from the date of submittal.

Kimley-Horn acknowledges that we are obligated by all addenda to this RFP. Kimley-Horn also acknowledges receipt of the Q&As released on February 5, 2024.

As Senior Vice President of the firm, Darren Adrian is the person authorized to bind Kimley-Horn to the terms of the RFP.

Kimley-Horn attests that all information submitted with the Proposal is true and correct.

B. QUALIFICATIONS OF THE FIRM

FIRM PROFILE

Kimley-Horn, a corporation, is a full-service engineering, planning, and environmental consulting firm providing services to both public and private sector clients nationwide. Since our founding in 1967, Kimley-Horn has grown from a small group of traffic engineers and transportation planners to a firm of more than 7,500 employees in 127 offices nationwide, including 12 in California. We have supported the City of Pico Rivera for the past four years and will continue to support the City from our well-established Southern California locations.

Our growth over the last 57 years is the result of the firm's commitment to integrity and dedication to providing quality services—in fact, 90 percent of our work originates from repeat clients. We provide our clients with the local knowledge and responsiveness of a small organization, backed by the depth of resources only a national firm could offer.

Today, we are one of the largest engineering, planning, and environmental consulting firms in the U.S. ***According to Engineering News-Record, our firm now ranks 9th overall among the nation's top 500 design firms.***

WHY SELECT THE KIMLEY-HORN TEAM

Success with On-Call Project Delivery: Kimley-Horn has an extensive history of completing as-needed, on-call projects successfully by quickly mobilizing and committing necessary resources, taking ownership of the project, maintaining the project schedule, obtaining team consensus, developing accurate construction cost estimates, and delivering quality technical submittals. The City needs a consultant with the experience and commitment to deliver highly responsive service. Kimley-Horn is that firm with a history of successfully providing on-call services to over 180 California municipalities.

Collaborative Work History with Cities in Los Angeles County: Kimley-Horn has been providing a wide range of engineering services to Public Works Departments and local municipalities in Los Angeles County since 1988. We are currently working on, and have recently completed several projects, many of them using Los Angeles County Public Works manuals and design criteria. Our team understands urgency and budgetary requirements of public works projects and is well-equipped to respond promptly to City requests.

Available and Committed Resources: ***Patrick Wong, CPD, QSD/P, ENVSP*** will be the main point of contact for the City, providing overall management, coordination, and quality for Kimley-Horn's on-call services. Patrick will be supported by a team of experienced engineers, planners, and subconsultant specialists. Our staff will be available to the City as needed and duration of this program. In addition, our staff in our Los Angeles and Orange offices are available to meet with you and make site visits on short notice. Our multidisciplinary practice model provides the City of Pico Rivera with a unique and robust suite of services for its on-call program.

Working with Multiple Public Agencies: For more than 57 years, Kimley-Horn has been serving municipal agencies and transportation authorities. Locally, we have been providing planning and design services to local agencies for more than 35 years. As such, we have a thorough understanding of local conditions, processes, rules, and regulations as well as other agencies having jurisdiction such as County of Los Angeles, Los Angeles County Metropolitan Transportation Authority (Metro), and California Department of Transportation (Caltrans). Our team can handle multiple tasks in different disciplines simultaneously while maintaining the expected quality for the City's projects. In addition, Patrick personally manages several on-call contracts, including the current on-call with the City.

FINANCIAL CONDITION

As previously mentioned, Kimley-Horn is a full-service engineering and consulting firm with approximately 7,500 employees and 127 offices in 29 states and Puerto Rico. The Company had 2022 revenues of $2 billion. Kimley-Horn has been in business since 1967. We are financially strong, and we are committed to our continued financial health. As of December 31, 2022, the Company had total assets of $1.2 billion and stockholder's equity of approximately $266 million. In addition, Kimley-Horn also has an untapped $125 million line of credit available for short-term cash flow needs. The Company's cash flow continues to be very strong. We maintain a disciplined focus on business fundamentals, operate the firm conservatively, and our internal controls and business standards are designed to keep our foundation strong.

Kimley-Horn uses one institutional lender, Wells Fargo. If necessary, reference information can be obtained from the following contact: Michael Pugsley, Senior Vice President, Wells Fargo Bank, N.A., 150 Fayetteville Street, Suite 600, PO Box 3008, Raleigh, NC 27601, (919) 881-6469. For any questions regarding Kimley-Horn's financial status, please contact Lindsey Balltzglier, Controller, at (919) 678-4141.

Kimley-Horn does not have any conditions (e.g., bankruptcy, pending litigation, outstanding claims in excess of twenty-five thousand dollars ($25,000) for or against the firm), planned office closures, or mergers that may impede our ability to provide on-call engineering and professional consulting services.

PREVIOUS PROJECTS WITH SUBCONSULTANTS AND THEIR ROLES

Arellano Associates: City of Palmdale, Sustainable Transportation Plan (public outreach); Caltrans Headquarters On-Call Safety Programs (public outreach); Metro, Northwest 138 Corridor Improvement Program (public outreach); San Bernardino Associated Governments (SANBAG), Victor Valley Area Transportation Study (public outreach)

Calvada Surveying, Inc.: City of Gardena, Artesia Boulevard ALTA/Re-Certification; Paramount Saw Corporation ALTA/Topographic and Subsurface Utilities; City of Compton, Alameda Street ALTA/ Topographic Survey ROS and Subsurface Utilities; City of Los Angeles, Wilshire Boulevard ALTA/ Topographic and Subsurface Utilities

Diaz Yourman & Associates: Metro Division 9 and El Monte Station Battery Electric Bus Infrastructure; Metro Harbor Gateway Transit Center Battery Electric Bus Infrastructure; Chumash Park Restroom Replacement; Norwalk Local Streets Rehabilitation Program Phase 1 Zone 32; OC Public Works Old Joplin Road; Pico Rivera Pio Pico Bike Path Additional Study; Whittier Bike Trail MSE Wall

Paragon Partners Consultants, Inc.: Alameda Corridor East Construction Authority, Fullerton Road Grade Separation Project; East Construction Authority, Fullerton Road Grade Separation Project; SCRRA - SCORE, Antelope Valley Line - Balboa Double Track Extension, Antelope Valley Line - Canyon Double Track Extension, and Cogswell Avenue Grade Separation

Kimley-Horn has a proven track record and working relationship with our subconsultant team to deliver quality services to our clients.

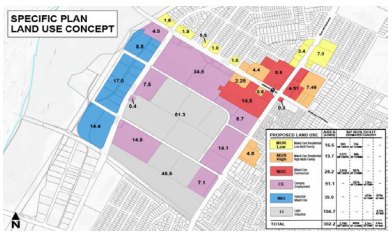
STRENGTH, STABILITY, STAFFING, AVAILABILITY, WORKLOAD, RECORD OF MEETING SCHEDULES

As previously mentioned, Kimley-Horn is financially strong and committed to our continued financial health. Our unique culture allows us to operate with the soul of a small firm. This benefits our clients such that we can truly customize our services to be tailored to your specific needs, but with the resources of a large firm, should they be needed. We have the resources, both in staffing depth and in financial stability to be thoroughly responsive to your needs while keeping projects under budget and on schedule. To use reasonable professional effort and be responsive to City needs, Kimley-Horn uses a workload forecasting technique to determine staff availability, known as our "cast-aheads" process, to determine resource requirements by division, office, and region. Our division and regional managers then shift resources and workloads as needed to meet all demand-supply needs. This cast-ahead process enables us to assign the staff and technical resources needed to complete each project on time and to our clients' satisfaction.

RELEVANT PROJECTS

Our recent experience with similar projects is outlined below and demonstrates our team's capabilities and familiarity with the project area. Our team is proud of their working relationships with their clients.

CITY OF PICO RIVERA, WASHINGTON/ ROSEMEAD TOD SPECIFIC PLAN, PICO RIVERA, CA



Kimley-Horn is preparing the Washington/ Rosemead Transit-Oriented Development (TOD) Specific Plan in the City of Pico Rivera. The Specific Plan is in response to the LA County METRO's GoldLine Extension, bringing urban light rail through the City. The Specific Plan seeks to enhance economic development and create additional opportunities for living, working and shopping, in a compact, mixed-use environment. The 375-acre plan area provides for significant changes in urban density, mix of uses and public improvements in increase local mobility and enhance community design.

CITY OF WHITTIER, PIO PICO STATE PARK TRAIL, WHITTIER, CA

Kimley-Horn provided design consulting services to the City of Whittier for a bicycle facility that would connect Pio Pico Historic Park and the existing San Gabriel River Trail based on the conceptual study prepared by Kimley-Horn in 2004. The project required a construction of the Pio Pico State Historic Trail that will be a Class I multi-use path and would link the intersection of the south entrance of the San Gabriel River trail at Whittier Boulevard with the Pio Pico Historic Park's now vacant maintenance area. The 330-linear-foot trail will run parallel to the existing sidewalk and would enter the Park property near the northern end of the maintenance area. Kimley-Horn's team provided civil engineering, structural, landscape architectural, survey, and geotechnical engineering services to support the project.

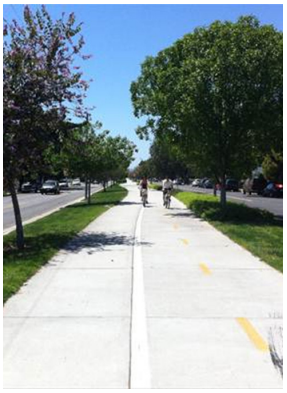
SAN GABRIEL VALLEY COUNCIL OF GOVERNMENTS, SAN GABRIEL VALLEY TRANSIT STUDY, SAN GABRIEL VALLEY, CA

Kimley-Horn is working with the San Gabriel Valley Council of Governments (SGVCOG) to develop a Transit Feasibility Study for the San Gabriel Valley. The project was initiated through a two phase project approach. The first phase began with establishing the study area, defining mobility problems, and creating initial concepts which will be screened and refined for further study. Phase I also included

ridership forecasting, high-level cost information, and extensive community and stakeholder outreach. It concluded with a Vision Plan, which identified several east/west and north/south concepts for bus rapid transit (BRT) implementation. The second phase examines the Vision Plan further, refining these concepts and selecting a single east/west and north/south concept. The second phase focuses on conceptual engineering and working with stakeholder agencies to develop lane configurations within their existing right-of-way to accommodate high-quality transit service.

CITY OF BURBANK, PS&E FOR SAN FERNANDO CLASS I BIKEWAY, BURBANK, CA

The San Fernando Bikeway is a three-mile Class I bike path in Burbank that runs parallel to the Union Pacific/ Metrolink Valley rail line owned by the Metropolitan Transportation Authority. The project will be constructed primarily as a separate Class I bicycle path with a small portion (0.15 miles) consisting of a Class III bike route. Most of the path will be constructed in Metro-owned rail right-of-way adjacent to the current Union Pacific/Metrolink railroad right-of-way along with ½-mile stretch along Los Angeles County Flood Control Channel. Kimley-Horn was selected to prepare plans, specifications and engineer's estimates (PS&E); coordinate with regulatory agencies; coordinate with City staff in the preparation of the PS&E package; and provide bid support services for the San Fernando Bikeway Project.

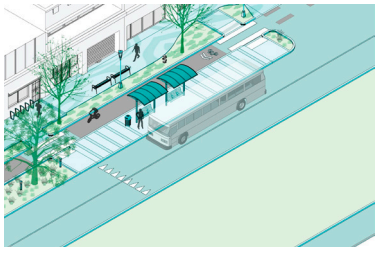


While this project is a standalone project, its design and implementation must be carefully coordinated with the adjacent I-5 HOV/Empire Avenue Interchange project and a planned railroad grade separation at Buena Vista Street and San Fernando Boulevard, both of which are currently being designed. This project is being funded by Federal Congestion Management and Air Quality (CMAQ) funds, therefore all design and construction services must conform to Caltrans and federal guidelines for design and construction procurement. Kimley-Horn is responsible for preparing the PS&E package, including the associated documents and exhibits in Caltrans' Local Assistance Procedures Manual (LAPM) to result in E-76 approval for right-of-way and construction.

LA METRO, RAIL TO RAIL SEGMENT A, LOS ANGELES, CA

This project is part of the overall Active Transportation Rail to River Corridor Project. Segment A spans 5.5 miles from the newly constructed Crenshaw Line to the east along a dedicated pedestrian and bicycle path along the north side of Slauson Avenue to the Blue Line Station to the west. The corridor will link neighborhoods, schools, commercial centers and other key cultural institutions. The corridor will facilitate a new east-west pedestrian and bicycle linkage, connections to Metro and municipal bus services and enhancements to the overall bicycle network. Kimley-Horn provided civil engineering services for the path including geometrics, grading, stormwater mitigation, and utility relocation. The project also extended Americans with Disabilities Act (ADA) access along the path as well as provide accessibility to key points along the corridor. The team incorporated a raised crosswalk at city street intersections that would provide a key safety feature for both bicyclists and pedestrians.

CITY OF LOS ANGELES BOE, BROADWAY-MANCHESTER ACTIVE TRANSPORTATION EQUITY PROJECT, LOS ANGELES, CA



Kimley-Horn is providing civil, traffic, and hydraulic design services to improve safety and quality of life for all corridor users by increasing the use

of active modes of transportation, enhancing community spaces, increasing connectivity, reducing the heat island effect, improving air quality, and increasing stormwater capture and reuse along Manchester Avenue (from S. Vermont Avenue to S. Broadway) and S. Broadway (from Manchester Avenue to Imperial Highway). The project will accomplish this by constructing Class IV cycles tracks, curb extensions, HAWK Signals, bus islands, street amenities, tree planting, cisterns, and drywells. The Project requires coordination between multiple agencies (multiple City of LA departments, LA County, LA Metro, and Caltrans), and grant funding sources.

LA METRO, NORTH HOLLYWOOD TO PASADENA BRT PLANNING AND ENVIRONMENTAL STUDY, LOS ANGELES TO PASADENA, CA

Kimley-Horn is the prime consultant for an 18-mile BRT project connecting the San Fernando Valley with the San Gabriel Valley that encompasses the North Hollywood and Eagle Rock districts of Los Angeles along with the Cities of Burbank, Glendale, and Pasadena. The effort is leading the project through alternatives analysis, CEQA environmental approval, and preliminary engineering with the route including a combination of street-running and freeway-based alignments. The project, which is a key element of Metro's Twenty-Eight by '28 Vision in preparation for the 2028 Summer Olympics, will connect the Metro North Hollywood B (Red) Line (heavy rail) and G (Orange) Line (BRT) Station with the L (Gold) Line in Pasadena. The project is emphasizing Metro's emerging Transit Oriented Communities (TOC), First-Last Mile, and Sustainability initiatives with more than 20 station options being selected based on a wide range of metrics including Value Capture potential. The project provides a "showcase" of BRT prototypes applicable to a wide regime of urban roadways ranging from narrow constrained minor arterials to major boulevards and provides complete street solutions integrating on-street bus lanes and BRT stations with vehicular traffic movements, bicycle facilities, sidewalks and the pedestrian realm, and active transportation projects. As of late 2020, the team has delivered a completed Alternatives Analysis and Draft EIR along an accelerate timeline in a little over two years, and will advance the project with preparation of the FEIR and PE in mid-2021.

SCRRA, METROLINK CANYON DOUBLE TRACK SIDING EXTENSION, SANTA CLARITA, CA

The project proposes to extend the Saugus Siding by 1.5 miles from the existing CP Canyon at MP 33.4 through Golden Oak Road crossing at MP 34.96. The project includes a second SCRRA standard side platform at the Santa Clarita Station along a new SCRRA standard pedestrian crossing linking with an extension of the existing side platform. The existing CP Canyon turnout at MP 33.4 will be removed and a new crossover will be installed in its location. A new second track bridge undercrossing will be required over the Bermite Road at MP 34.32.

Two station improvement design options are to investigated and progressed through an alternatives analysis during the Preliminary Design (15-30%) phase of the project: (1) a new pedestrian underpass at the Santa Clarita station to connect the platforms to the existing station plaza, and (2) a center island platform configuration to replace the existing side platform configuration along with a pedestrian underpass crossing.

CITY OF NORWALK, ON-CALL PROFESSIONAL ENGINEERING SERVICES FOR DESIGN, PROJECT MANAGEMENT, AND CONSTRUCTION SUPPORT SERVICES, NORWALK, CA

Kimley-Horn was selected by the City of Norwalk to provide on-call engineering services for various public works and capital improvement projects. Project types include intersection improvements, pavement rehabilitation, traffic signal improvements, street improvements and rehabilitation, active transportation improvements, roundabout design, corridor planning,

and safety studies. Task orders have included the Potter Street Storm Drain Repairs, and Studebaker Road and Alondra Boulevard Traffic Signal Synchronization Program (TSSP) projects.

CITY OF AGOURA HILLS, ON-CALL TRAFFIC AND CIVIL ENGINEERING SERVICES, AGOURA HILLS, CA

Kimley-Horn has been providing staff augmentation services to the City of Agoura Hills as a part-time City Traffic Engineer for nearly eight years. Our staff provide general on-call traffic engineering services, project management, staff augmentation, and engineering services for a variety of infrastructure and capital improvement projects and city programs/services. The project types include the types listed below and include oversight of all work typically required for the successful delivery of the various types of projects: field investigations, plan check and site visits, traffic study reviews, street improvements/resurfacing/streetscape, traffic signal and electrical installations, public works maintenance projects, roadway widening projects, landscape architecture projects.

CITY OF MALIBU, ON-CALL ENGINEERING – TRAFFIC, MALIBU, CA

Kimley-Horn has been providing on-call traffic engineering services to Malibu since 2013. Services under this contract include conducting engineering and traffic surveys; performing review of traffic control plans, traffic impact analysis reports, and safety studies; completing parking studies and feasibility/conceptual studies; completing reports and recommendations for preliminary, final, and construction design studies; preparation of construction PS&E; researching utilities and other records; collecting and analyzing traffic data; and participating in meetings with City staff associated with various development and improvement projects.

CITY OF RANCHO CUCAMONGA, ON-CALL CIVIL AND TRAFFIC ENGINEERING DESIGN SERVICES, #18/19-017, RANCHO CUCAMONGA, CA

Kimley-Horn staff are providing project management and engineering services for a variety of infrastructure and capital improvement projects as well as for various city programs/services. Project types included field investigations, street improvements/resurfacing/streetscape, traffic signal and electrical installations, public works maintenance projects, and roadway widening projects. The projects include:

- **Rochester Avenue Pavement Rehabilitation:** Preparation of roadway overlay plans, signing/striping plans, traffic signal plans to upgrade loop detection to video detection, curb ramps upgrade design, field review, research of relevant design standards and existing data, utility coordination, and preparation of quantities/bid schedule.
- **Major Arterials Pavement Rehabilitation:** Preparation of roadway overlay plans, signing/striping plans, curb ramps upgrade design, field review, utility coordination, and preparation of quantities/bid schedule for four major arterials.
- **Seven Flashing Yellow Arrow Signal Modifications PS&E:** Preparation of PS&E packages for installation of Flashing Yellow Arrow (FYA) operations for seven existing traffic signals. Included median modifications to assist the sight visibility for three intersections.
- **Installation of Two Traffic Signals and Three Flashing Yellow Arrow Signal Modifications:** Preparation of PS&E packages for installation of FYA operations for two new traffic signals and three existing traffic signals. Included median modifications to assist the sight visibility for intersections.

CITY OF FONTANA, ON-CALL PAVEMENT REHABILITATION/UTILITY DESIGN, FONTANA, CA

Kimley-Horn has completed pavement rehabilitation design under several task orders, including the following.

- **Catawba Avenue, Slover Avenue, Hemlock Avenue, Beech Avenue, and Popular Avenue:** Improvements entailed pavement replacement and overlays per geotechnical recommendations;

miscellaneous concrete improvements where adjacent improvements were affected; and reconstruction/resetting of affected private property improvements such as fences, walls, curb drains, and meters. One area used a full-depth asphalt recycling (FDAR). The construction cost savings by going with FDAR were approximately 40 percent in comparison to conventional remove-and-replace options. Coordination was required to obtain permits for work adjacent to two UPRR at-grade rail crossings and for work associated with affected utilities.

- **CDBG and ARAM Pavement Rehabilitation:** The task included a total of 42 streets, and had strict budget, funding, and scheduling components. Kimley-Horn analyzed several alternative pavement rehabilitation strategies under a limited construction budget, while still meeting the required project guidelines to obtain funding. Improvements entailed grind and overlay of all streets in both bid packages, with the use of an Asphalt Rubber and Aggregate Membrane (ARAM) interlayer, with localized areas of full-depth remove and replace. Kimley-Horn's knowledge of new and innovative pavement rehabilitation strategies has helped the City utilize recycled materials and in-place recycling methods, which has brought the City several funding opportunities and millions of dollars in construction cost savings.
- **Sierra Avenue, Randall Avenue, Locust Avenue, and Armstrong Road:** Our services included the design of pavement replacement and overlays according to geotechnical recommendations and miscellaneous concrete improvements. Streets received various paving treatments which required coordination from both the City of Fontana and County of San Bernardino. After several meetings and coordination, the project was approved by the County. Kimley-Horn also helped the City save on construction costs.

CITY OF ANAHEIM, PLANNING AND ENGINEERING ON-CALL, ANAHEIM, CA

Kimley-Horn provided transportation planning, civil engineering and traffic engineering on-call services to the City on dozens of projects under multi-year contracts with the City's Planning and Engineering Departments. Services provided include the preparation of parking studies and traffic studies for private development projects as well as third-party review of parking and traffic studies prepared by others.

CITY OF INDUSTRY, ON-CALL TRAFFIC AND CIVIL ENGINEERING SERVICES, INDUSTRY, CA

Kimley-Horn has provided on-call traffic and civil engineering services to the City of Industry since 2005. Since initiation, we have been issued more than 50 tasks, focused primarily on improving the transportation system within the City. Tasks entail developing geometric alternatives for major intersection modifications; evaluating access points and presenting various alternatives for modifications at the Puente Hills Mall; attending project meetings on behalf of the City; intersection capacity analysis using Synchro software; and traffic impact analysis, sight distance evaluation, traffic handling design, traffic signal design, signing and striping design, street lighting analysis and design, speed surveys, and peer reviews.

CITY OF POMONA, ON-CALL ENGINEERING SERVICES, POMONA, CA

Kimley-Horn provided street rehabilitation services for various streets within the City of Pomona. The general scope of work was to evaluate the suitable pavement rehabilitation methodologies and select the methods that were most suitable for the City's budget. This project also included isolated concrete improvements including, sidewalk, curb and gutter, cross gutters, curb ramps, bus pads, and medians. Various pavement rehabilitation methods were evaluated. Each method was evaluated with conventional asphalt and rubberized asphalt.

COUNTY OF LOS ANGELES, AS-NEEDED TRAFFIC DESIGN SERVICES FOR VARIOUS COUNTY PROJECTS, LOS ANGELES COUNTY, CA

Kimley-Horn provides on-call traffic engineering and plan checking services for the County of Los Angeles, including as-needed traffic operations analysis and services. Among our projects with the County is a Traffic Signal Synchronization Project (TSSP) along Woodruff Avenue. Design includes the upgrade of traffic signal controllers and design of traffic signal modifications to meet current

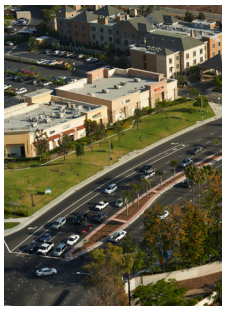
standards at 20 signals along the Woodruff Avenue corridor. We also provided the detailed field review of the existing infrastructure and development of base plans and utility plans per Los Angeles County standards, signing and striping plans, detailed curb ramp design for ADA-compliant access, and development of as-built plans. This project includes coordination between several jurisdictions and the County of Los Angeles to complete design.

CITY OF SANTA MONICA, OCEAN PARK BOULEVARD COMPLETE GREEN STREETS, SANTA MONICA, CA

Kimley-Horn provided construction plans, specifications, and cost estimates (PS&E) to complete the design of the Ocean Park Boulevard Complete Green Streets Project. The Kimley-Horn team designed improvements to the Ocean Park Boulevard corridor to provide connections between the neighborhoods on the north and south side of Ocean Park Boulevard and create an inviting environment for residents. In addition, Kimley-Horn designed watershed improvements to help reduce pollutants for urban runoff while also reducing the overall volume of stormwater runoff reaching Santa Monica Bay.

COUNTY OF RIVERSIDE, MISSION BOULEVARD BRIDGE REPLACEMENT, RIVERSIDE, CA

Working as a major subconsultant, Kimley-Horn is providing preliminary engineering and final design PS&E services for the Riverside County Transportation Department in cooperation with the Cities of Riverside and Jurupa Valley to replace the existing Mission Boulevard Bridge over the Santa Ana River near Mount Rubidoux in Riverside County. Kimley-Horn serves as the primary civil engineer encompassing roadway design, traffic handling, detours, utility relocations, drainage and water quality. The proposed project will widen and re-align the approach roadways to accommodate four traffic lanes with pedestrian and bike lanes, and replace the bridge to address current needs and standards.



CITY OF SEAL BEACH, SEAL BEACH BOULEVARD STREET WIDENING IMPROVEMENTS, SEAL BEACH, CA

Kimley-Horn provided design services to add a third southbound through lane between Saint Cloud Drive and Old Ranch Parkway. This project was implemented to conform to the traffic study recommendations for the adjacent 405/605 HOV Connector Project and to match the number of lanes to the south on the freeway overcrossing structure. This was accomplished through shifting and narrowing the existing raised medians and widening the existing east curb between Lampson Avenue and Saint Cloud Drive.

CITY OF BUENA PARK, FIRESTONE BOULEVARD IMPROVEMENTS, BUENA PARK, CA

Kimley-Horn was responsible for the initial planning and final design to widen Firestone Boulevard and improve the intersection at Firestone Boulevard and Beach Boulevard. This intersection is within Caltrans' right-of-way with the south leg being the terminus for the northbound entrance and exit ramps for the I-5 Freeway. Close coordination for processing and approvals was required with Caltrans District 12 staff. Specific components of work included adding dual left-turn lanes; widening Firestone Boulevard for approximately 900 feet; modifications of the existing traffic signal; a new traffic signal to accommodate a future entrance to a development; storm drain modifications and street lighting upgrades. Kimley-Horn provided the traffic operations analysis, preliminary geometric alternatives, environmental studies support and all final design documents.

OCTA, ON-CALL TRAFFIC ENGINEERING SERVICES, ORANGE COUNTY, CA

Kimley-Horn has been providing services to OCTA through an on-call traffic engineering services contract since 2008. The program involves TSSP

implementation throughout Orange County and includes multijurisdictional signal timing services to improve travel times and reduce delay.

COUNTY OF ORANGE, ON-CALL ROAD, BRIDGE & TRAFFIC ENGINEERING SERVICES, ORANGE COUNTY, CA

For more than a decade, Kimley-Horn has been providing the County of Orange – Public Works Department with civil and traffic engineering design services. From roadway improvements and highway design to bicycle/pedestrian facilities and complete streets projects, Kimley-Horn has provided the county with project management, design and planning services. The Kimley-Horn team has worked directly with the County's in-house staff to provide outstanding as-needed civil engineering support for these projects. Our team recently was selected for another term of the County's on-call program.

CITY OF VENTURA, SYSTEMIC SAFETY ANALYSIS REPORT (SSAR), VENTURA, CA

The City of Ventura selected Kimley-Horn to prepare their SSAR. The state-funded Systemic Safety Analysis Report Program (SSARP), established in California in 2016, focuses on addressing systemic safety concerns for pedestrians and bicycles with consideration to vehicles. The overall goal of this project is to provide the City with a detailed understanding of high risk locations for collisions that identifies selective countermeasures that will allow the City to plan for future safety improvements for the immediate, mid- range, and long-term. This document will trigger projects that will be well defined for future Highway Safety Improvement Program (HSIP) grant cycles.

CITY OF SAN DIEGO, WATER DISTRIBUTION AND SANITARY SEWER SYSTEM ASSESSMENT GROUP JOBS, SAN DIEGO, CA

Kimley-Horn provided preliminary engineering and design services for the analysis and replacement of sewer and water lines located throughout the City of San Diego due to maintenance issues, accessibility, and the age of the facilities. The areas of analysis are designated as Group Jobs 762, 765, 767, 768, and 745. The total length of sewer designated for replacement was 14.9 miles and the total length of water designated for replacement was 3.0 miles. The initial planning studies involved analysis of the existing system by CCTV and included a hydraulic analysis of the sewers. Constraints for each Group Job including utility conflicts, construction moratoriums, etc. were analyzed. Kimley-Horn prepared final design plans, specifications and cost estimates for the sewer and water line replacements after approval of the planning studies. Kimley-Horn also prepared designs and legal documents for retrofitting existing homes with new on-site sewer lines to eliminate non-standard conditions.

TRAMMELL CROW COMPANY, DISTRICT NOHO TRANSIT ORIENTED DEVELOPMENT NORTH HOLLYWOOD, CA

Kimley-Horn provided transit planning and design services for this 29 bus bay intermodal station in North Hollywood, California. The NoHo Station is a major transit hub in the San Fernando Valley. Metro trains and buses along with local transit intersect at this station to make it one of the busiest stations with over 28,000 daily boardings. The project site is part of a larger transit oriented development project encompassing 15.6 acres of Metro-owned property for commercial, residential, and office uses. The new transit center will shorten transfers by consolidating the Orange Line Station, local, and municipal bus stops by building an additional Red Line Station portal. Kimley-Horn provided planning and design services for the bus layouts, including parking and tracking movements; transit rider modeling using ALPS; site layout and design; phasing plans for continuous usage throughout the construction period; traffic engineering for associated intersections, and EV systems for bus charging. Kimley-Horn developed a flexible EV bus charging plan to eventually grow the initial eight charging stations into 20 charging stations. The base line concept would accommodate future Metro needs by planning the placement of an on-site EV bus equipment yard.

CALIFORNIA STATE UNIVERSITY, LONG BEACH - SEWER AND STORM DRAIN REPLACEMENT, LONG BEACH, CA

Kimley-Horn provided civil design services for replacing six damaged sewer lines on the campus. Plans were prepared to show protect-in- place, removal, new construction, and replacement information for the construction of the new sewer lines. It identified sewer inverts, key crossings details, and points of connection. We also provided assistance in determining probable costs for civil engineering items and appropriate specifications. Kimley-Horn also provided civil design services for replacing a damaged storm drain line servicing the fine arts building. The project included coordination with the campus facilities management who had utilized a CCTV camera to locate the section of pipe that was damaged. We provided assistance in determining probable costs for civil engineering items.

CITY OF SANTA ANA, ON-CALL ENGINEERING SERVICES, SANTA ANA, CA

Kimley-Horn has been assisting the City of Santa Ana with its on-call program since 2014. The scope of services for the City's program includes general engineering design services for a variety of projects such as arterial and local streets improvements, bike paths, storm drain, sewer and water improvements, traffic studies, traffic signal, landscape and irrigation systems, grant application writing, surveying, geotechnical investigation, environmental and planning support services, and public parks design. Our team has successfully assisted the City for this program on several task orders.

LA METRO, WILLOWBROOK/ROSA PARKS STATION IMPROVEMENT PROJECT, LOS ANGELES, CA

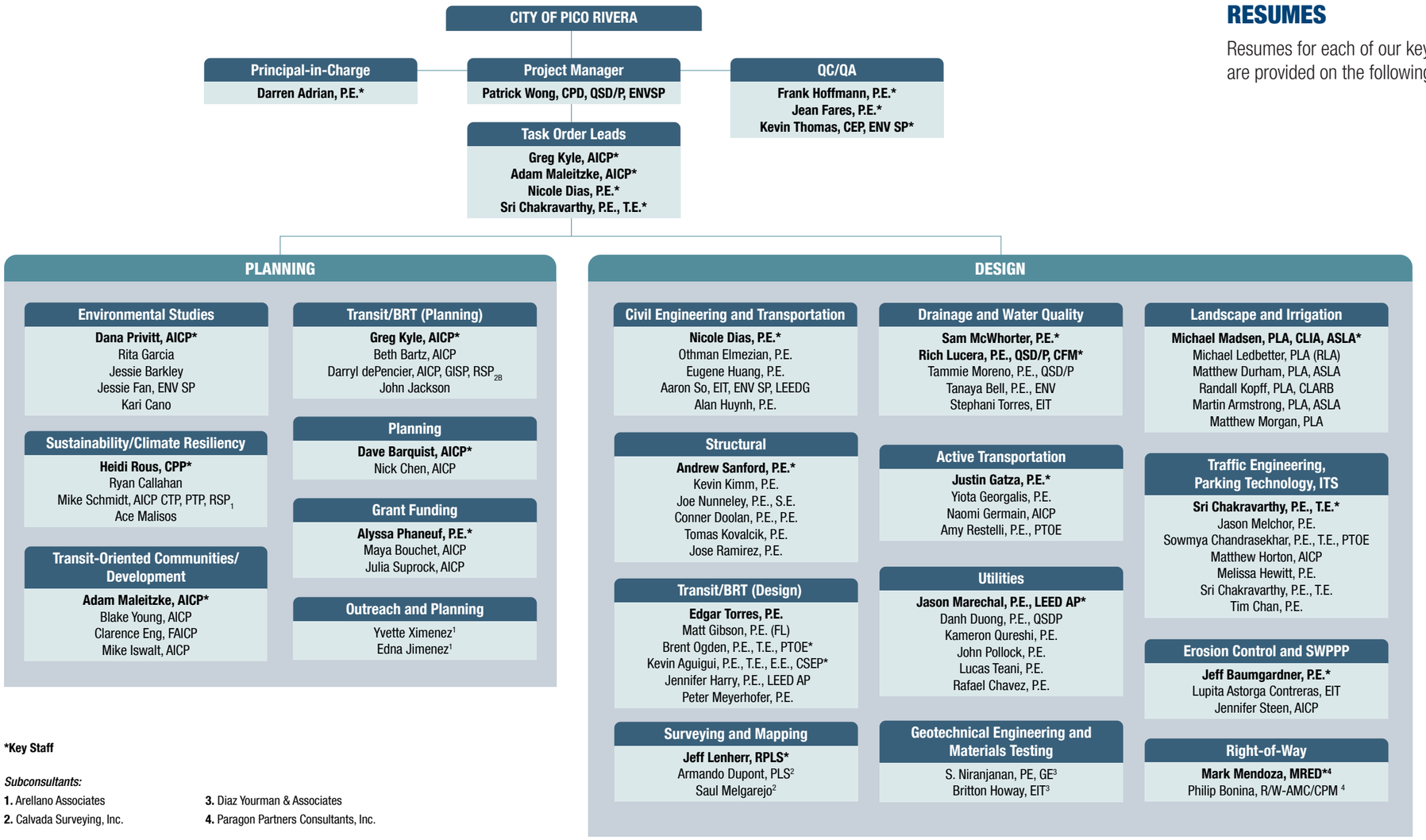
Located in a diverse area of Los Angeles County and adjacent local municipalities, the Willowbrook/Rosa Parks Station is a transfer station between the Metro Green Line and Blue Line. The Green Line is an east west light rail train that traverses the median of the I-105 Freeway above. The Blue Line is a north south light rail train that traverses existing Metro rail right-of-way adjacent to Union Pacific right-of-way. The project will expand the existing platform with enhanced pedestrian/commuter rail crossings, add new services for bicycle mobility and transit services, and create a new civic plaza. The multimodal station will also have upgraded bus berths at both sides of the track. Kimley-Horn provided site civil engineering, utility engineering, active transportation design, traffic signal design, and storm water management for the urban site.

C. PROPOSED STAFFING

When you choose a consultant, you are really choosing the people who offer you the technical expertise, hands-on experience with similar projects, and commitment to a high standard of quality and client service that will make your projects as successful as you have envisioned. Our team is comprised of project management, engineers, and technical staff to provide streamlined design engineering support on a variety of tasks. While we remain responsive to our clients' dynamic needs by drawing upon a diverse professional staff, we also provide management continuity through the assignment of a client-oriented project manager. As our primary contact with the City, **Patrick Wong, CPD, QSD/P, ENVSP**, will coordinate all team members' efforts and deliverables. Before a project starts, he will conduct a project scoping meeting with all respective team members to brainstorm the project issues. Our team also will conduct a project initiation meeting with the appropriate team members to coordinate the project plan including milestones, deliverables, and current project events. Project coordination meetings will be scheduled depending upon the project duration to make sure the project remains on track with the project plan. Kimley-Horn will review work performed by subconsultants as part of our quality control standards. Depending on the scope and size of the task order, Kimley-Horn can also bring in a task order lead to assist with the technical components of the project.

Our organizational chart below depicts our team and those who will be working on each service. Key personnel will be available to the extent proposed for the duration of the Professional Services Agreement. Kimley-Horn acknowledges that no person assigned to a project shall be removed or replaced without the prior written concurrence of the City.

ORGANIZATION CHART



RESUMES

Resumes for each of our key team members are provided on the following pages.

***Key Staff**

Subconsultants:

1. Arellano Associates
2. Calvada Surveying, Inc.
3. Diaz Yourman & Associates
4. Paragon Partners Consultants, Inc.

Patrick Wong, CPD, QSD/P, ENVSP

Project Manager

PROFESSIONAL CREDENTIALS

- Bachelor of Science, Urban and Regional Planning, California Polytechnic University, Pomona
- Certified Professional in Stormwater Quality in California #0854
- Qualified SWPPP Practitioner/ Developer in California #22862
- Envision Sustainability Professional #20912
- Crime Prevention Through Environmental Design #23675179

Patrick has served as project director on major infrastructure, transit, and site development projects providing civil site and utility design, erosion control, Stormwater Pollution Prevention Plan (SWPPP), and Low Impact Development (LID) services as well as utility reports, utility design and relocation; street improvement and widening; third party approvals; and other civil tasks. He has worked on various infrastructure projects, commercial retail, and multi-story residential projects, such as the Rose Bowl Pavilion and Concourse Improvements, Expo Maintenance Light Rail Facility, and Metro Division 13 Bus Maintenance Facility. In these large complex campus-type projects, his tasks included civil site and utility design, addressing stormwater mitigation issues for pre and post construction conditions and multiple phases, researching and documenting existing utilities slated for relocation, civil and utility design, and plan approvals.

RELEVANT EXPERIENCE

- **City of Pico Rivera, On-Call Services, Pico Rivera, CA** – Project Manager
- **City of Artesia, On-Call Services, Artesia, CA** – Project Manager
- **LA Metro, North Hollywood to Pasadena BRT Planning and Environmental Study, Los Angeles to Pasadena, CA** – Project Engineer
- **City of Irvine, Main and Secure Parking Lot, Irvine, CA** – Project Quality Assurance Manager
- **LA Metro, Sustainability Program Assistance Services 2020-2025, Los Angeles, CA** – Project Manager
- **LA Metro, Willowbrook/Rosa Parks Station Improvement Project Design and Engineering Services, Los Angeles, CA** – Project Manager
- **LA Metro, Division 9 & El Monte Station, Battery Electric Bus Infrastructure Project, El Monte, CA** – Civil Design Lead Manager
- **Trammell Crow Company, Metro North Hollywood Station Joint Development, Los Angeles, CA** – Project Engineer
- **City of San Clemente, East Avenida Cordoba Drainage Study, San Clemente, CA** – Project Manager
- **City of Artesia, Norwalk Boulevard Construction Support Services, Artesia, CA** – Project Manager
- **LA Metro, Rail to Rail Segment A (Design), Los Angeles, CA** – Project Manager
- **LA Metro, Cesar E Chavez Avenue Transit Center, Los Angeles, CA** – Project Manager
- **SCRRA Metrolink, Professional Engineering Design Services for Devonshire Street Crossing Safety Improvement Project, Los Angeles, CA** – Project Engineer
- **City of Gardena, Harbor Gateway Transit Center Electric Bus Charging Infrastructure Design, Gardena, CA** – Project Manager
- **Rose Bowl Operating Company, Rose Bowl Parking Study, Pasadena, CA** – Project Manager
- **City of Artesia, Battery Electric Bus Charging Station Deployment, Artesia, CA** – Project Manager

Darren Adrian, P.E.

Principal-in-Charge

PROFESSIONAL CREDENTIALS

- Bachelor of Science, Civil Engineering, California State Polytechnic University, Pomona
- Professional Engineer in California #C53031
- American Public Works Association (APWA), Member
- Institute of Transportation Engineers (ITE), Member
- American Society of Civil Engineers (ASCE), Board Member

Darren has more than 30 years of professional experience in civil engineering related to planning, design, management and construction of transportation, commercial, industrial, institutional, municipal and military facilities. His primary emphasis has been in the transportation field, including planning and final design associated with street and highway improvements and rehabilitation, new street and highway segments, railway grade separations and at-grade crossings, storm drain and sewer systems, water systems, pump stations, traffic signals and intelligent transportation systems (ITS) improvements. Clients include cities, counties, Caltrans districts, and various authorities within and around the Southland.

RELEVANT EXPERIENCE

- **City of Moreno Valley, On-Call Civil Engineering Services 2020-2023, Moreno Valley, CA** – Project Manager
- **City of Pomona, Civil Engineering Master On-Call Consultant 2020-2025, Pomona, CA** – Project Manager
- **City of Irvine, Consultant Team Program 2022-2025, Irvine, CA** – Principal-in-Charge
- **City of Irvine, On-Call Civil Engineering Design 2019-2022, Irvine, CA** – Project Engineer
- **City of Cypress, On-Call Transportation Planning and Traffic Engineering Services, Cypress, CA** – Project Engineer
- **City of Santa Ana, On-Call Water Resources Engineering Services 2022-2025, Santa Ana, CA** – Project Manager
- **City of Banning, On-Call Engineering Services 2022-2025, Banning, CA** – Project Manager
- **City of Fontana, On-Call Engineering Services 2019-2022, Fontana, CA** – Project Manager
- **City of Fontana, On-Call Engineering Design and Construction Management Services 2020-2022, Fontana, CA** – Project Manager
- **County of Orange, Qualified Vendor List (QVL) for Road and Bikeway Engineering Services 2020-2023, Orange, CA** – Project Manager
- **County of San Bernardino, On-Call Professional Services 2019-2022, San Bernardino, CA** – Project Manager

Frank Hoffmann, P.E.

QC/QA

PROFESSIONAL CREDENTIALS

- Bachelor of Science, Civil Engineering, Fachhochschule Rheinland-Pfalz
- Professional Engineer in California #61839
- American Society of Civil Engineers (ASCE), Member

Frank has more than 35 years of diverse experience in civil design and construction management. Project types include private, local, state, and federal working with roadway design and improvement, utility design, water resources, drainage design, airport construction, private and commercial development, and more. His responsibilities include project management, work plan preparation, cost estimating, contractor selection, scheduling and oversight, design specification development, resource allocation, technical and final report preparation and review, quality control (QC/QA), troubleshooting, negotiation/approval of field changes, and client relations.

RELEVANT EXPERIENCE

- **City of Irvine, Consultant Team Program 2022-2025, Irvine, CA** – QC/QA Manager
- **Western Riverside Council of Governments (WRCOG), 2016 On-Call, Riverside, CA** – QC/QA Manager
- **City of Palm Springs, On-Call Civil Engineering Services 2019-2024, Palm Springs, CA** – Project Manager
- **County of San Bernardino, On-Call Professional Services, San Bernardino, CA** – Project Engineer
- **City of Indian Wells, On-Call Design Engineering Services, Indian Wells, CA** – Project Manager
- **City of Palm Springs, On-Call Civil Engineering Services, Palm Springs, CA** – Project Manager
- **City of Beaumont, Pennsylvania Avenue Widening, Beaumont, CA** – Lead Roadway Engineer
- **Western Riverside Council of Governments (WRCOG), On-Call Services, Riverside, CA** – Project Engineer
- **County of Riverside, I-10 Bypass Project Approval & Environmental Document (PA&ED), Riverside County, CA** – QC/QA Manager
- **City of Desert Hot Springs, Hacienda Avenue Improvement Project, Desert Hot Springs, CA** – Project Manager
- **Coachella Valley Water District (CVWD), Thousand Palms Channel Rehabilitation, Coachella Valley, CA** – Roadway Task Lead
- **City of Palm Desert, Traffic Operations and Capacity Improvements, Palm Desert, CA** – Lead Roadway Engineer
- **City of Palm Desert, Haystack Road and Highway 74 Intersection Modification, Palm Desert, CA** – Lead Roadway Engineer
- **City of San Bernardino, 224 Traffic Signal Improvements HSIP Project, San Bernardino, CA** – Project Engineer
- **City of Moreno Valley, Highland Fairview, Cactus Road Extension, Moreno Valley, CA** – Project Manager
- **Lewis Management Corporation, Ontario Ranch Road Bridge, Ontario, CA** – Project Manager
- **City of Palm Springs, Citywide Engineering and Traffic Survey, Palm Springs, CA** – Project Engineer
- **City of Corona, McKinley Street Grade Separation, Corona, CA** – Lead Roadway Engineer
- **LA Metro, Expo Metro Line Light Rail Train (LRT) Phase 2 Bike Path, Los Angeles, CA** – Project Manager

Jean Fares, P.E.

QC/QA

PROFESSIONAL CREDENTIALS

- Bachelor of Science, Architecture, California State Polytechnic University, Pomona
- Traffic Engineer in California #TR2097
- Institute of Transportation Engineers (ITE), Member

Jean is a project manager with more than 35 years of professional experience in the fields of traffic and transportation engineering. He has provided traffic signal design at over 2,000 locations, signal system design at over 1,500 locations, traffic signal timing at over 2,500 locations, and has wide-ranging experience with traffic operations, signing and marking plans preparation, transportation management plans (TMP), and traffic control plans. Jean also has extensive experience in applying traffic engineering, ITS technologies, and communications infrastructure design to leading design-build transportation and transit projects. He has managed Kimley-Horn's contracts to provide on-call traffic engineering services to the cities of Glendale, Thousand Oaks, Agoura Hills, Santa Clarita, and across Caltrans District 7.

RELEVANT EXPERIENCE

- **City of Downey, On-Call Traffic Engineering Services, Downey, CA** – Project Manager
- **City of Agoura Hills, On-Call General Engineering Services, Agoura Hills, CA** – Project Manager
- **City of Santa Clarita, On-Call General Engineering Services, Santa Clarita, CA** – Project Manager
- **City of Malibu, On-Call Traffic Engineering Services, Malibu, CA** – Project Director
- **City of Inglewood, As-Needed Professional Engineering Services, Inglewood, CA** – Project Manager
- **City of Glendale, On-Call Traffic Engineering Services, Glendale, CA** – Project Manager
- **City of Culver City, General Public Works On-Call Engineering Services, Culver City, CA** – Project Manager
- **City of Inglewood, Inglewood Stadium ITS Improvements, Inglewood, CA** – Project Manager
- **City of Glendale, Glenoaks Boulevard Traffic Signal Modification, Glendale, CA** – Project Manager
- **City of Thousand Oaks, Thousand Oaks Boulevard Pedestrian Crossings, Thousand Oaks, CA** – Project Manager
- **County of Los Angeles, Woodruff Avenue Traffic Signal Synchronization Project, Los Angeles County, CA** – Project Manager
- **County of Los Angeles, As-Needed Traffic Design Services for Various County Projects, Los Angeles County, CA** – Project Manager
- **City of Irvine, Consultant Team Program 2022-2025, Irvine, CA** – QC/QA Manager
- **City of Beverly Hills, As-Needed Traffic Consulting Services, 2022-2025, Beverly Hills, CA** – Project Manager
- **City of Culver City, General Public Works On-Call Engineering Services 2023-2028, Culver City, CA** – Project Manager
- **City of Los Angeles Department of Transportation, On-Call Professional Consultant Services 2019-2022, Los Angeles, CA** – Project Manager
- **City of Thousand Oaks, On-Call Professional Consulting Services 2020-2023, Thousand Oaks, CA** – Project Manager

Kevin Thomas, CEP, Env-SP

QC/QA

PROFESSIONAL CREDENTIALS

- Bachelor of Arts, Environmental Engineering, University of California, Los Angeles
- Certified Environmental Professional (CEP) #99040383
- Envision Sustainability Professional #9362
- National Association of Environmental Professionals, Member

Kevin has more than 38 years of experience managing and preparing environmental and planning studies for public and private sectors clients under CEQA and NEPA. His responsibilities also include staff training and public hearing presentations. Kevin draws on his broad background and understanding of environmental constraints to provide technical and CEQA compliance review and environmental documentation, in addition to research, analysis, and writing. He's managed a wide range of environmental planning projects, including environmental documents for major infrastructure and land development projects, air quality and noise studies, community participation programs, highly controversial hillside development projects, state-of-the-art visual analyses, facility siting and due diligence studies, and technical support for the California Energy Commission facility siting process. Kevin has never had a CEQA or NEPA document successfully challenged in court.

RELEVANT EXPERIENCE

- **County of Riverside, On-Call Environmental Services, Riverside County, CA** – Project Manager
- **City of Irvine, Consultant Team Program 2022-2025, Irvine, CA** – QC/QA Manager
- **County of Riverside General Plan Update and Program EIR, Riverside County, CA** – Project Manager
- **City of Fontana, On-Call Environmental Services, Fontana, CA*** – Project Manager
- **California Army National Guard, Operational Maintenance Station EA/FONSI, Riverside, CA** – Project Manager
- **City of Murrieta, Murrieta Hills Specific Plan EIR, Murrieta, CA** – Project Manager
- **Santa Margarita Water District, Headquarters IS/MND, Santa Margarita, CA** – Project Manager
- **Mojave Water Agency, Operations Center IS/MND, Apple Valley, CA** – Project Manager
- **City of Murrieta, Jackson Avenue Extension and Bridge Project IS/MND, Murrieta, CA** – Project Manager
- **City of Murrieta, 25 Grading Project IS/MND, Murrieta, CA** – Project Manager
- **City of Murrieta/Caltrans, Los Alamos/I-215 Interchange Improvements CE/CE, Murrieta and Caltrans, CA** – Project Manager
- **City of Temecula, Wine Country Community Plan Program EIR, Temecula, CA*** – Project Manager
- **San Bernardino County Special Services District On-Call, San Bernardino County, CA** – CEQA/NEPA and Permitting Task Manager
- **California Administrative Office of the Courts On-Call Environmental Services, Various, CA*** – Project Manager
- **Caltrans District 8, On-Call Environmental, San Bernardino, CA*** – Project Manager
- **Caltrans District 7, On-Call Technical Studies, Los Angeles, CA*** – Project Manager

*Prior to joining Kimley-Horn

Dana Privitt, AICP

Environmental Studies

PROFESSIONAL CREDENTIALS

- Bachelor of Science, Social Ecology, University of California, Irvine
- American Institute of Certified Planners #9036
- American Planning Association (APA), Board Member

Dana is an urban planner with over 40 years of private-sector and public-sector experience that has focused on environmental analysis, project management, and planning documentation for multi-issue development and infrastructure projects. Her projects include preparation of CEQA documentation for large- and small-scale urban infill and greenfield developments, public infrastructure, and policy programs. In addition, she provides public sector staff support services, including staff report preparation, third-party reviews, and public hearing presentations as well as project management services to local agencies and private development applicants. She has also conducted CEQA training in coordination with the Association of Environmental Professionals (AEP) as well as for the City of Newport Beach and the University of California, Irvine (UCI).

RELEVANT EXPERIENCE

- **City of Anaheim, On-Call Environmental Review Services 2020-2024, Anaheim, CA** – Project Manager
- **City of Fullerton, Professional Services for On-Call CEQA Services 2020-2025, Fullerton, CA** – Project Manager
- **City of Huntington Beach, On-Call Environmental CEQA Consulting Services 2019-2022, Huntington Beach, CA** – Project Manager
- **City of Irvine, Consultant Team Program 2022-2025, Irvine, CA** – Project Planner
- **University of California, Irvine (UC Irvine), On-Call Environmental Services 2019-2024, Irvine, CA** – Project Manager
- **UC Irvine, Environmental Consulting Services for Various Capital Improvement Projects, Irvine, CA** – Senior Advisor
- **UC Irvine, Campus Medical Complex (ICMC) EIR, Irvine, CA** – Project Manager
- **County of Riverside, I-10 Bypass PA&ED, Riverside County, CA** – Project Planner
- **City of Indio, Downtown/Old Town Indio Specific Plan Update and Community Outreach, Indio, CA** – Project Planner
- **City of Downey, Rancho Los Amigos South Campus - Specific Plan, Downey, CA** – Environmental Planner
- **City of El Monte, Ramona Boulevard at Valley Boulevard Intersection Improvement Project, El Monte, CA** – Environmental Planner
- **Norwalk, Alondra Boulevard Active Transportation Plan from Studebaker Road to Pioneer Boulevard, Norwalk, CA** – Project Manager
- **City of Tustin, Red Hill Corridor Specific Plan and EIR, Tustin, CA** – Environmental Planner
- **City of Newport Beach, Environmental Services for The Towers at Koll Center Newport, Newport Beach, CA** – Project Manager
- **City of Ventura Residential Allocation Program, Ventura County, CA** – Project Planner

Heidi Rous, CPP

Sustainability/Climate Resiliency

PROFESSIONAL CREDENTIALS

- Bachelor of Science, Physics, California State Polytechnic University, Pomona
- Certified Permitting Professional (CPP) registered with South Coast Air Quality Management District #86027
- GPRO Certified, Urban Green Council

Heidi has over 30 years of experience providing comprehensive multi-media environmental risk management and assessment services, including climate vulnerability assessments (CVAs), climate action and adaptation plans, GHG inventories and mitigation strategies, policy and compliance tracking and training, and CEQA documentation. Heidi currently serves as the Project Manager for the climate vulnerability assessment and adaptation planning portion of OCTA's Climate Adaptation and Sustainability Plan (CASP), Task Lead for Anaheim's CAP and analyses in support of the PEIR, and served as the Project Director for the Southern California Association of Government's (SCAG's) innovative Regional Climate Adaption Framework project, wherein the Southern California Climate Adaptation Planning Guide (October 2020) was developed. She is currently managing numerous climate and resiliency projects including CVAs describing and evaluating the degree to which a city or county's natural, built, and human systems are at risk of exposure to climate change impacts, including drought and altered precipitation patterns, extreme weather, changes in temperature, increased air pollutants, wildfires, sea level rise, and flood risk.

RELEVANT EXPERIENCE

- **Orange County Transportation Authority (OCTA), Climate Adaptability and Sustainability Plan, Orange County, CA** – Vulnerability Technical Lead
- **City of San Clemente, Water Reclamation Plant Environmental Clearance, San Clemente, CA** – Project Manager
- **City of Anaheim, Community Climate Action Plan (CAP) and PEIR, Anaheim, CA** – Project Manager
- **City of El Monte, Climate Action Plan, El Monte, CA** – Project Manager
- **Seaport Village Redevelopment Project, Net Zero GHG Plan, San Diego, CA** – Project Manager
- **Port of Virginia, Decarbonization Plan, Norfolk, VA** – Technical Lead
- **Confidential Industrial Client, Net Zero GHG Plan, Southern California** – Technical Lead
- **City of Menifee, Climate Vulnerability Assessment, Safety Element, and Environmental Justice, Menifee, CA** – Technical Lead
- **City of Hemet, Climate Vulnerability Assessment, Safety Element, and Environmental Justice Element, Hemet, CA** – Technical Lead
- **City of San Clemente, East Cordoba Stormwater Project, Grant Support, San Clemente, CA** – Project Manager
- **City of Solana Beach, Safety Element Update, Climate Vulnerability Assessment, and Environmental Justice Element, Solana Beach, CA** – Technical Lead
- **City of Beverly Hills, Safety Element Update and Climate Vulnerability Assessment, Beverly Hills, CA** – Project Manager
- **Gateway Cities Council of Governments, Climate Action Framework, Paramount, CA*** – Project Director

*Prior to joining Kimley-Horn

Adam Maleitzke, AICP

Transit-Oriented Communities/Development

PROFESSIONAL CREDENTIALS

- Master of Landscape Architecture, University of Minnesota, Minneapolis
- Master of Urban and Regional Planning, University of Minnesota , Minneapolis
- Bachelor of Arts, Architecture, University of Minnesota, Minneapolis
- American Institute of Certified Planners (AICP) #027697

Adam is a planner and urban designer with more than 17 years of experience leading large-scale transportation, transit-oriented communities (TOC), and land use projects for clients throughout Southern California and beyond, and has worked in the private, public, and non-profit sectors. He is skilled at managing the preparation of master plans, station area plans, active transportation plans, streetscape plans, and feasibility studies, managing large multidisciplinary teams. Recent projects include station design and planning services for the California High Speed Rail Authority and LA County Metro, station area planning and Specific Plan preparation for emerging TOCs along emerging LRT and commuter rail station areas. Adam has played a key role on developer-led TOC projects in Oceanside, Los Angeles, and the Inland Empire, giving him an implementation-focused perspective and experience with all phases of the development process. He excels in leading projects that seamlessly integrate land use and transportation and brings a critical skill set for designing walkable, livable communities that promote equity, mobility, and lead to a climate-resilient future.

RELEVANT EXPERIENCE

- **San Bernardino Associated Governments (SANBAG)/Southern California Association of Governments (SCAG) ARRIVE Corridor Project, San Bernardino, CA*** – Senior Planner
- **SCAG High-Quality Transit Area Analysis, Riverside, CA*** – Project Manager
- **Eco Rapid Transit Paramount/South Gate Station Area Plan, Los Angeles, CA*** – Project Manager
- **City of Rancho Cucamonga/SBCTA Rancho Cucamonga Metrolink TOD Joint Development, Rancho Cucamonga, CA*** – Project Manager
- **City of Long Beach Downtown and TOD Pedestrian Master Plan, Long Beach, CA*** – Project Manager

*Prior to joining Kimley-Horn

Greg Kyle, AICP

Transit/BRT (Planning)

Greg has 30 years of multifaceted transportation and transit planning experience working on a broad range of mobility projects, from early planning phases through environmental approvals, preliminary design, and funding/grant applications and agreements. He has led the development of BRT, streetcar, and commuter rail projects nationally through alternatives analysis and NEPA documentation. Greg brings demonstrated experience integrating shared mobility and emerging technologies (e.g., flexible fleets, active transportation modes) into transit projects. He also has extensive experience serving in program management roles guiding projects through grant applications and agreements, including overseeing the estimation of capital and O&M costs. Greg also has in-depth experience in public outreach and interagency coordination, including explaining issues to non-technical audiences and presenting findings to decision-making boards of elected and appointed officials.

PROFESSIONAL CREDENTIALS

- Master of Science, Urban and Regional Planning, Florida State University
- Master of Business Administration, Business Administration, Florida Atlantic University
- Bachelor of Science, Political Science, Florida State University
- American Institute of Certified Planners #013000
- American Planning Association (APA), Member, Transportation Planning Division
- Women's Transportation Seminar (WTS), Member
- Conference of Minority Transportation Officials (COMTO), Member

RELEVANT EXPERIENCE

- **LA Metro, North Hollywood to Pasadena BRT, Los Angeles, CA** – Deputy Project Manager
- **Miami-Dade TPO, Shared Mobility Study, Miami-Dade County, FL** – Project Manager
- **City and County of Honolulu, Ala Moana Transit Plaza Alternatives Analysis, Honolulu, HI** – Project Manager
- **City and County of Honolulu, Kapolei Maintenance Facility and Transit Center Alternatives Analysis, Honolulu, HI** – Project Manager
- **MST, SURF! BRT Capital Investment Grant Support, Monterey, CA** – Principal-in-Charge, Capital Investment Grant Director
- **Golden Gate Transit, San Rafael Transit Center Relocation Advanced Planning, Environmental Approval, and Preliminary Engineering Services, San Rafael, CA** – Principal-in-Charge
- **Miami-Dade TPO, Strategic Miami Area Rapid Transit (SMART) Plan Beach-Northeast Corridors Land Use Scenario & Visioning Planning, Miami-Dade County, FL** – Project Manager
- **Regional Transportation Authority of Central Oklahoma, Alternatives Analysis Update in the Central Oklahoma Region, Oklahoma City, OK** – Alternatives Analysis Lead
- **City of Miami Beach, Miami Beach Light Rail Transit/Modern Streetcar Environmental Documentation and P3 Procurement Support, Miami Beach, FL** – Project Manager
- **LA Metro, Wilshire BRT Before and After Study, Los Angeles, CA** – QC/QA Manager
- **Trammell Crow Company, Metro North Hollywood Station Joint Development, Los Angeles, CA** – Project Planner

Dave Barquist, AICP

Planning

PROFESSIONAL CREDENTIALS

- Bachelor of Science, Urban and Regional Planning, California State Polytechnic University, Pomona
- American Institute of Certified Planners (AICP) #136746
- American Planning Association (APA), Member

Dave brings over 26 years of public and private sector planning experience. He brings to this contract a diverse range of skills, including policy analysis, policy development, and urban design. His experience includes projects involving comprehensive planning, local government policy, land use, parks and recreation planning, and grant writing. He has authored numerous planning grants for local governments equating to approximately $3.5 million in grant awards. Successful grant awards were based upon the development of precursor policies through General Plans, Specific Plans, and Master Plans. Dave is also accomplished in providing community engagement to guide in the development of public policy. Dave has been an instructor for California State Fullerton's Leadership Program for Public Agencies, teaching public agency staff on principals of communication and group facilitation. He has led hundreds of public meetings and is well-versed in finding locally specific techniques and tools to engage the community in the planning process.

RELEVANT EXPERIENCE

- **City of Pico Rivera, Washington/Rosemead TOD Specific Plan, Pico Rivera, CA** – Project Manager
- **Yorba Linda General Plan Update and Community Outreach and Parks and Recreation Master Plan, Yorba Linda, CA** – Project Manager
- **City of Tustin, Red Hill Corridor Specific Plan and EIR, Tustin, CA** – Project Manager
- **City of Valdez, Alaska, Comprehensive Community Visioning - Redevelopment Program, Valdez, AK** – Project Manager
- **City of Whittier, Whittier Boulevard Specific Plan Moratorium Analysis, Whittier, CA** – Project Manager
- **City of Downey, Rancho Los Amigos South Campus - Specific Plan, Downey, CA** – Project Manager
- **City of Palmdale, Active Transportation Program (ATP), Palmdale, CA** – Project Manager
- **City of Newport Beach, 6th Cycle Housing Element Update, Newport Beach, CA** – Project Manager
- **City of Anaheim, 6th Cycle Housing Element Update, Anaheim, CA** – Project Manager
- **City of Rialto, 5th and 6th Cycle Housing Element Updates, Rialto, CA** – Project Manager
- **City of Fontana, 6th Cycle Housing Element Update, Rialto, CA** – Project Manager
- **City of Hemet, 6th Cycle Housing Element Update, Hemet, CA** – Project Manager
- **City of Murrieta, 6th Cycle Housing Element, Murrieta, CA** – Project Manager
- **City of Menifee, 6th Cycle Housing Element, Menifee, CA** – Project Manager
- **City of Solana Beach, 6th Cycle Housing and Safety Element Update, Solana Beach, CA** – Project Manager
- **City of Encinitas, 5th and 6th Cycle Housing Element, Encinitas, CA** – Project Manager
- **City of Brea, Downtown Specific Plan, Brea** – Project Manager

Alyssa Phaneuf, P.E.

Grant Funding

PROFESSIONAL CREDENTIALS

- Master of Science, Civil Engineering – Transportation, Georgia Institute of Technology
- Master of City and Regional Planning, Georgia Institute of Technology
- Bachelor of Science, Civil and Environmental Engineering, University of California, Berkeley
- Professional Engineer in California #63123
- International Parking and Mobility Institute (IPMI), Member
- Intelligent Transportation Society (ITS), Board Member
- Institute of Transportation Engineers (ITE), Board Member

Alyssa has over 20 years of experience in the transportation industry. She has the unique ability to translate stakeholder needs into transportation solutions. She has used this skill to write successful grant applications for her clients for funding for a variety of different projects, including HOV lanes, transit improvements, and transportation technology projects. She has won hundreds of millions of dollars through Senate Bill 1 (SB1), Rebuilding American Infrastructure with Sustainability and Equity (RAISE), Mega Program (National Infrastructure Project Assistance program), INFRA (Nationally Significant Multimodal Freight and Highway Projects program), TIGER Discretionary Grant Program, Discretionary Grant Program (CMIA), Proposition 1B: Goods Movement Emission Reduction Program (Prop 1B), and Metro Call for Projects funding programs, among others. She understands that the key to a successful grant application is a story backed by data-driven analysis. She is a specialist in transportation technology where she has planned and implemented projects for LA Metro, Caltrans District 7, and Los Angeles Department of Transportation (LADOT). She is also proficient in engaging stakeholders and avoiding technical jargon to elicit needs.

RELEVANT EXPERIENCE

- **SBCAG, Senate Bill 1 Grant Services, Santa Barbara County, CA** – Project Manager
- **SBCAG, South Coast ITS Implementation Plan, Santa Barbara County, CA** – Deputy Project Manager
- **SANDAG, Advanced Transportation and Congestion Management Technologies Deployment (ATCMTD) Grant, San Diego, CA** – Task Lead
- **City of Santa Clarita Department of Energy, Grant Writing Services, Santa Clarita, CA** – Project Manager
- **City of Santa Clarita, Metro Call for Projects Grant Application Assistance, Santa Clarita, CA** – Project Manager
- **City of Pasadena SAFETEA-LU - Parking Guidance and Information Systems Integrator, Manager, and Design (TMC), Pasadena, CA** – Project Engineer
- **OCTA, Traffic Signal Synchronization Master Plan (TSSP) (TSSMP), Orange, CA** – Project Engineer
- **LA Metro, West Santa Ana Branch Transit Corridor Environmental Study, Los Angeles, CA** – Project Engineer
- **LA Metro, Arterial ITS Inventory Tool Expansion (ITS First), Los Angeles County, CA** – Project Manager
- **OCTA, Brookhurst Street TLSP (8-0612-4), Orange County, CA** – Project Engineer
- **Caltrans District 12, North Orange County Triangle ICM TSMO Plan, District 12, CA** – Project Engineer
- **City of Anaheim, ITS Master Plan (Anaheim Traffic Management Center TMC), Anaheim, CA** – Project Engineer

Nicole Dias, P.E.

Civil Engineering and Transportation

Nicole has been supporting the design of multidisciplinary roadway and transit projects across Southern California for more than 12 years. She has supported a wide range of projects, from local roadway improvements to major interchange projects, from feasibility studies to final design and construction phase services. Her emphasis has been on active transportation, street improvement design, interchange improvements, and feasibility studies

PROFESSIONAL CREDENTIALS

- Bachelor of Science, Civil Engineering, San Diego State University, San Diego
- Professional Engineer in California #86490
- Engineers Without Borders, Student Chapter
- American Society of Civil Engineers (ASCE), Student Chapter

RELEVANT EXPERIENCE

- **City of Los Angeles BOE, Broadway-Manchester Active Transportation Equity Project, Los Angeles, CA** – Deputy Project Manager
- **LA Metro, Willowbrook/Rosa Parks Station Improvement Project Design and Engineering Services, Los Angeles, CA** – Project Analyst
- **Trammell Crow Company, Metro North Hollywood Station Joint Development, Los Angeles, CA** – Project Engineer
- **SANDAG, South Bay Bus Rapid Transit (BRT) East Palomar Street Segment Final Design, San Diego, CA** – Project Analyst
- **SANDAG/MTS Light Rail Transit (LRT) Renewal Project - Blue Line Stations, San Diego, CA** – Project Analyst
- **City of Lancaster, At-Grade Rail Crossing Improvements (Avenue K, J, M, G), Lancaster, CA** – Project Engineer
- **City of Los Angeles, Telfair Avenue Multi-Modal Bridge Over Pacoima Wash Preliminary Design and Environmental Documentation, Los Angeles, CA** – Deputy Project Manager
- **City of Malibu, Civic Center Way Improvements, Malibu, CA** – Project Engineer
- **LA Metro, SR 138 Project Approval & Environmental Documentation (PA&ED), North Los Angeles County, CA** – Project Engineer
- **City of San Diego, I-5/Genesee Avenue Interchange PA&ED, PS&E and Construction Phase Services (CPS), San Diego, CA** – Project Analyst
- **City of Los Angeles, Los Angeles Downtown Streetcar Independent Cost Estimate, Los Angeles, CA** – Project Engineer
- **City of Agoura Hills, Kanan Road/Agoura Road Ultimate Intersection Improvements Project, Agoura Hills, CA** – Project Engineer
- **City of Camarillo, Pleasant Valley Road Bike Lanes, Camarillo, CA** – Project Engineer
- **City of Thousand Oaks, Rancho Road Sidewalks and Bike Lanes, Thousand Oaks, CA** – Project Engineer

Andrew Sanford, P.E.

Structural

PROFESSIONAL CREDENTIALS

- Bachelor of Science, Civil Engineering, California State University, Chico
- Professional Engineer in California #49671
- American Society of Civil Engineers (ASCE), Member

Andrew has a solid background in project management and structural design, leading the design of over 75 bridge projects, representing well over 100 individual bridges, including PS&E and APS for both PSR and PR/ED documents. He has served as a structural design manager on dozens of projects, including heading up the structural design team for some of Kimley-Horn's most structurally-focused projects (I-5/Genesee Interchange, I-215/Van Buren Interchange Bridge, I-10/Sunset Avenue Interchange Grade Separation, I-805/Palm Avenue Overhead). With more than 34 years of structural engineering experience, Andy's depth of experience runs the gamut from bridge widenings, seismic retrofits, and bridge repairs, to multi-structure interchanges and long aerial viaducts. In addition, he has led the design of numerous grade separations, underpasses, and overcrossings and is very familiar with coordinating with federal, state, and local agencies, including various Caltrans Districts.

RELEVANT EXPERIENCE

- **City of Moreno Valley, On-Call Structural Engineering Services 2020-2025, Moreno Valley, CA** – Project Manager
- **City of Irvine, Consultant Team Program 2022-2025, Irvine, CA** – Project Engineer
- **City of Norwalk, On-Call Professional Engineering Services for Design, Project Management, and Construction Support Services, Norwalk, CA** – Project Engineer
- **City of Gilroy, On-Call Engineering for Bridge Services 2020-2025, Gilroy, CA** – Project Manager
- **County of Riverside, Engineering and Environmental Services for Bridge, Structures, Interchange, and Roadway Projects, Riverside, CA** – Project Manager
- **City of Ontario, Ontario Ranch Road Bridge, Ontario, CA** – Task Manager
- **City of Barstow, Yucca Avenue Overhead Retrofit, Barstow, CA** – Project Manager
- **City of Barstow, First Avenue Bridge over Mojave River Bridge Replacement PA&ED, Barstow, CA** – Project Engineer
- **Ontario Airport, Design-Build - FedEx, Ontario, CA** – Project Engineer
- **City of Barstow, North 1st Avenue Bridge Replacement PSR/PDS, PA&ED, and PS&E, Barstow, CA** – Project Engineer
- **Caltrans District 11, Clairemont Mesa Boulevard/SR 163 PSR/PR/ED & PS&E, San Diego, CA** – Task Manager
- **County of Riverside, I-215/Van Buren Boulevard Interchange PA&ED and PS&E, Riverside, CA** – Structural Engineer
- **City of San Diego, I-5/Genesee Avenue Interchange PA&ED, PS&E and Construction Phase Services (CPS), San Diego, CA** – Project Engineer

Edgar Torres, P.E.

Transit/BRT (Design)

PROFESSIONAL CREDENTIALS

- Master of Science, Transportation Engineering, Massachusetts Institute of Technology
- Bachelor of Science, Civil Engineering, Massachusetts Institute of Technology
- Professional Engineer in California #75079
- American Society of Civil Engineers (ASCE), Member

Edgar has over 16 years of experience in public transportation planning, design, operations, and management strategies. He has worked with various transit agencies including the San Diego Metropolitan Transit Sytem (MTS), SANDAG, LA Metro,Metro Transit (Minneapolis/Saint Paul, MN), Chicago Transit Authority, Massachusetts Bay Transportation Authority, Miami-Dade Transit, and Santa Clara Valley Transportation Authority. His work with these agencies has included strategic planning; feasibility studies; transit service and infrastructure concept development and consensus building; transit corridor alignment and mode alternatives analysis; context sensitive integration of transit improvements in urbanized communities; implementation and phasing plans; transit-oriented development/communities, and infrastructure design for BRT, LRT, and streetcar.

RELEVANT EXPERIENCE

- **SANDAG On-Call Transportation Planning Services (2010-Ongoing), San Diego, CA** – Contract Manager
- **LA Metro, Wilshire Bus Rapid Transit (BRT) Before and After Study, Los Angeles, CA** – Project Engineer
- **LA Metro, North Hollywood to Pasadena BRT Planning and Environmental Study, Los Angeles to Pasadena, CA** – Task Lead
- **SANDAG, San Vicente (SR 67) Comprehensive Multimodal Corridor Plan (CMCP), Lakeside, CA** – Project Director
- **SANDAG, North County Regional Corridor (SR 78) Comprehensive Multimodal Corridor Plan, San Diego County, CA** – Project Manager
- **SANDAG, North UTC/Sorrento Valley Transit Study, San Diego, CA** – Project Manager
- **SANDAG, Downtown Transit Plan and Bus Rapid Transit (BRT) Stations PS&E, San Diego, CA** – Project Manager
- **MTS, Transit Optimization Plan, San Diego, CA** – Kimley-Horn Project Manager
- **MTS, Iris Rapid Zero-Emission Bus Implementation Feasibility Study, San Diego, CA** – Project Engineer
- **SANDAG, Mid-Coast Transit Corridor Project, San Diego, CA** – Project Engineer
- **SANDAG, South Bay Bus Rapid Transit (BRT) CEQA-EIR, San Diego, CA** – Project Manager
- **SANDAG, South Bay Bus Rapid Transit (BRT) East Palomar Street Segment Final Design, San Diego, CA** – Project Engineer
- **SANDAG, Light Rail Transit (LRT) Blue Line Stations Renewal Project, San Diego, CA** – Project Engineer
- **SANDAG, Bus On Shoulder (BOS) Bus Rapid Transit (BRT) Demonstration, San Diego, CA** – Project Manager
- **MTS, Old Town Transit Center (OTTC) West Improvements, San Diego, CA** – Project Manager
- **NCTD, San Marcos Station TOD and Access Master Plan, San Marcos, CA** – Project Engineer
- **Long Beach Transit, Facilities and Fleet Electrification Assessment, Long Beach, CA** – Project Manager

Jeff Lenherr, RPLS

Surveying and Mapping

PROFESSIONAL CREDENTIALS

- Professional Land Surveyor in California #9305, Texas #6935, and Washington #35977

Jeff brings a wealth of experience with project management, topographic surveys, construction staking, American Land Title Association (ALTA) surveys, GPS, and all aspects of complex subdivision mapping. As a professional land surveyor with experience spanning California, Texas, and Washington, he is passionate about staying up-to-date with and implementing the most current technology in his work.

RELEVANT EXPERIENCE

- **Ambrose Apartments, Irvine, CA** – Land Surveyor
- **San Mateo Apartments, Irvine, CA** – Land Surveyor
- **Spectrum Center, Irvine, CA**– Land Surveyor
- **Von Karman Topo, Irvine, CA** – Land Surveyor
- **University Center, Irvine, CA**– Land Surveyor
- **Promenade 8, Irvine, CA**– Land Surveyor
- **2050 Main Street ALTA, Irvine, CA** – Land Surveyor
- **Oak Creek Retail ALTA, Irvine, CA** – Land Surveyor
- **Jamboree Bus Center ALTA, Irvine, CA** – Land Surveyor
- **Lincoln Orange Mapping, Orange, CA** – Land Surveyor
- **Orange County Sheriff Training Center, Orange, CA** – Land Surveyor
- **Howell and Katella Industrial, Anaheim, CA** – Land Surveyor
- **La Palma Master Plan, Anaheim, CA** – Land Surveyor
- **South Lewis Street ALTA, Anaheim, CA** – Land Surveyor
- **1374 Logan Avenue, Costa Mesa, CA** – Land Surveyor
- **Homewood Suites, Cypress, CA**– Land Surveyor
- **Troy High School Addition, Fullerton, CA** – Land Surveyor
- **The Goddard School, Lake Forest, CA** – Land Surveyor
- **Los Alisos ALTA, Mission Viejo, CA** – Land Surveyor

Sam McWhorter, P.E.

Drainage and Water Quality

PROFESSIONAL CREDENTIALS

- Master of Science, Civil Engineering (Water Resources), San Diego State University
- Bachelor of Science, Civil Engineering, San Diego State University
- Professional Engineer in California #61788
- American Society of Civil Engineers (ASCE), Member

Sam has over 27 years of experience providing engineering on a variety of complex civil projects. His experience includes designing and managing projects involving water, sewer and storm drain systems including pump stations, street design and grading, and stormwater quality BMPs. He has worked on a variety of public works and private projects and has a strong base knowledge of the local permitting requirements. He can aid from conceptual project planning through detailed design and project implementation.

RELEVANT EXPERIENCE

- **City of Norwalk, On-Call Professional Engineering Services for Design, Project Management, and Construction Support Services, Norwalk, CA** – Project Engineer
- **County of San Bernardino, On-Call Professional Services for Civil Engineering 2022-2027, San Bernardino, CA** – Project Manager
- **City of Irvine, Consultant Team Program 2022-2025, Irvine, CA** – Project Engineer
- **City of San Diego, As-Needed Civil Engineering Services 2023-2028, San Diego, CA** – Project Manager
- **City of Hollister, Water Reclamation Recreation Facility Design and Construction Support, Hollister, CA** – Project Engineer
- **San Elijo Joint Powers Authority (SEJPA), Inverted Siphon and Recycled Water Relocations - Horizontal Directional Drill, San Diego, CA** – Project Engineer
- **City of Escondido, Sewer Outfall Rehabilitation, Escondido, CA** – Project Manager
- **City of Oceanside, Downtown Water and Sewer Pipelines Replacement - Phase 2, Oceanside, CA** – Project Manager
- **Otay Valley Regional Park Trails Feasibility Study, Chula Vista, CA** – Project Engineer
- **City of San Diego, Palm Avenue and I-805 Interchange Widening (Bridge), San Diego, CA** – Project Engineer
- **Caltrans D11, I-5 North Coast - PA&ED and PS&E, San Diego, CA** – Task Manager
- **County of Riverside, I-10 Bypass PA&ED, Riverside County, CA** – Task Manager
- **County of Riverside, I-215/Van Buren Boulevard Interchange PA&ED and PS&E, Riverside, CA** – Project Engineer
- **City of Temecula, Main Street Bridge, Temecula, CA** – Deputy Project Manager
- **City of Palm Desert, Fred Waring Drive and Monterey Avenue Roadway Improvements, Palm Desert, CA** – Task Manager
- **City of Barstow, North 1st Avenue Bridge Replacement PSR/PDS, PA&ED, and PS&E, Barstow, CA** – Task Manager

Rich Lucera, P.E., QSD/P, CFM

Drainage and Water Quality

Rich is a recognized industry leader with 31 years of experience in the fields of stormwater design and water quality analysis, his work includes hydrology/hydraulics, BMP siting and construction, drainage improvements, stormwater permit compliance, feasibility studies, plan checking, and third-party review for cities, counties, schools, Caltrans, private developers, and the U.S. Navy. He was an active participant in the creation of the recently published County of San Diego Low Impact Development Handbook and he also served as a member of the San Diego County Technical Advisory Committee, contributing to the creation of the local hydromodification management plan.

PROFESSIONAL CREDENTIALS

- Master of Engineering, Environmental Engineering, Pennsylvania State University
- Bachelor of Science, Civil Engineering, University of Delaware
- Professional Civil Engineer in California #58089
- Qualified Stormwater Pollution Prevention Plan Developer/ Practitioner #00043
- Certified Floodplain Manager #US-06-02109

RELEVANT EXPERIENCE

- **City of Menifee, Garbani Road Interchange Feasibility Study and PSR, Menifee, CA** – Drainage and Water Quality Design Lead
- **City of Corona, McKinley Street Grade Separation, Corona, CA** – Project Engineer
- **City of San Clemente, East Avenida Cordoba Drainage Improvements, San Clemente, CA** – Project Manager
- **County of Orange, State Route 57 Northbound Widening Final PS&E (Orangethorpe Avenue to Yorba Linda Boulevard), Orange County, CA*** – Discipline Lead for Stormwater Design
- **City of Escondido, Hale Avenue Resource Recovery Facility BMP Retrofit Design, Escondido, CA*** – Project Manager and Engineer
- **City of Escondido, Spruce Street Channel Improvements, Escondido, CA*** – Project Manager and Engineer
- **City of San Diego, Southcrest Park LID Retrofit, San Diego, CA*** – Project Manager
- **City of San Diego, Logan Heights LID Retrofit, San Diego, CA*** – Project Manager
- **City of Carlsbad, On-Call Stormwater Design Services, Carlsbad, CA*** – Project Manager
- **City of Lakeside, Woodside Avenue Drainage Improvements, Lakeside, CA** – Drainage Task Manager*
- **San Diego County Regional Airport Authority, Phase II Strategic Stormwater Master Plan, San Diego County, CA*** – Project Manager and Engineer of Responsible Charge
- **National Cooperative Highway Research Program(NCHRP 25-40), Nationwide*** – Discipline Leader
- **County of Los Angeles, Green Alley Master Plan, Los Angeles County, CA*** – Project Manager and Engineer in Responsible Charge
- **City of Oceanside, Rancho Del Oro Basin and Levee Improvements, Oceanside, CA*** – Engineer of Responsible Charge

*Prior to joining Kimley-Horn

Sri Chakravarthy, P.E., T.E.

Traffic Engineering, Parking Technology, ITS

PROFESSIONAL CREDENTIALS

- Master of Science, Civil Engineering, Louisiana State University
- Bachelor of Science, Civil Engineering, Kakatiya University, India
- Professional Engineer in California #73626
- Traffic Engineer in California #2531

Sri has more than 20 years of experience overseeing a variety of transportation projects ranging from planning, design, operations, and on-call engineering services. His project management at Kimley-Horn is informed by his former career with the Los Angeles County Public Works Department and knowledge of grant funding opportunities and working with multiple stakeholders. Sri has overseen medium to large scale projects for local and regional agencies with design budgets ranging from $50K to $2.5M and schedules ranging from six months to 3.5 years. These projects are often multidisciplinary and require coordination with local and regional agencies, Caltrans, and local businesses and residents. His experience working with Southern California Cities and with staff combined with his knowledge of transportation systems, traffic engineering, and safety provide a strong benefit to the project.

RELEVANT EXPERIENCE

- **City of Norwalk, On-Call Professional Engineering Services for Design, Project Management, and Construction Support Services, Norwalk, CA** – Project Manager
- **City of Malibu, On-Call Traffic Engineering Services 2020-2024, Malibu, CA** – Project Manager
- **City of Orange, On-Call Traffic Engineering/Plan Checking/Design/Public Works Inspection Services, Orange, CA** – Principal-in-Charge
- **City of Lancaster, Multiyear Professional Engineering Services 2023-2026, Lancaster, CA** – Project Manager
- **City of Montclair, On-Call General Civil Engineering, Architectural, Landscape, and Support Professional Services 2022-2027, Montclair, CA** – Project Manager
- **City of Rancho Cucamonga, On-Call Civil and Traffic Engineering Services, 2019- 2026, Rancho Cucamonga, CA** – Project Manager
- **City of Simi Valley, On-Call Civil Engineering Design Services 2022-2025, Simi Valley, CA** – Project Manager
- **City of Ventura, On-Call 3-Year Professional Services 2022-2025, Ventura, CA** – Project Manager
- **City of Irvine, Consultant Team Program 2022-2025, Irvine, CA** – Contract Manager
- **City of Irvine, On-Call Civil Engineering Design 2019-2022, Irvine, CA** – Project Engineer

Jason Marechal, P.E.

Utilities

PROFESSIONAL CREDENTIALS

- Bachelor of Science, Civil and Environmental Engineering, University of California, Berkeley
- Professional Engineer in California #63164
- Leadership in Energy and Environmental Design Accredited Professional (LEED AP)
- American Society of Civil Engineers (ASCE), Member
- U.S. Green Building Council – National Capital Region, Member

Jason has 25 years of experience in civil engineering design and management, primarily focused on public and private land development projects. His technical experience includes all civil design aspects of land development projects including grading, drainage, and utility design, along with extensive knowledge of hydrology and hydraulics, and water quality standards. His innovative approach to drainage and water quality design includes experience with low-impact development (LID), hydromodification, green streets, and large watershed studies. He has worked extensively in all counties in Southern California and has successfully completed the design of several projects in Orange County ranging from one acre to over 100 acres in size.

RELEVANT EXPERIENCE

- **City of Irvine, Consultant Team Program 2022-2025, Irvine, CA** – Project Engineer
- **Moreno Valley Mall Redevelopment, Moreno Valley, CA** – Project Manager
- **La Habra Harbor/Lambert Intersection Widening, La Habra, CA** – Project Engineer
- **City of Tustin, Red Hill Corridor Specific Plan and EIR, Tustin, CA** – Project Engineer
- **Los Angeles County, Harbor-UCLA Medical Center Master Plan Implementation, Los Angeles, CA** – Project Engineer
- **Rocketdyne/UTC Canoga Park Campus Master Plan (UTC/Warner Center Development), Canoga Park, CA** – Project Engineer
- **Regency Centers, Village at Tustin Legacy, Tustin, CA** – Project Manager
- **City of Long Beach, La Reina Court Alley Complete Streets Project (Green Street Design), Long Beach, CA** – Project Manager
- **Fresno Marketplace at El Paseo, Fresno, CA** – Project Manager
- **The Merge Eastvale - On-Site CDs, Eastvale, CA** – Project Engineer
- **Eastvale Homestead 52 CDs, Eastvale, CA** – Project Engineer
- **Boeing, Douglas Park-Long Beach, Long Beach, CA** – Project Engineer
- **Veteran Administration (VA) Loma Linda Ambulatory Care Center (Health Care Center), Loma Linda, CA** – Project Engineer
- **University of California, Irvine (UC Irvine), Environmental Consulting Services for Various Capital Improvement Projects, Irvine, CA** – Hydrology/Water Quality
- **Legacy Partners, Sunflower Santa Ana, Santa Ana, CA** – Project Manager

Michael Madsen, PLA, CLIA, ASLA

Landscape and Irrigation

Michael has more than 20 years of landscape architectural experience in master planning, streetscapes, site design, pool and amenity areas, and planting and irrigation design. His background includes coordinating multidisciplinary design projects involving landscape architecture, urban planning, architecture, civil engineering, roadway design, and transportation. Michael has a passion for people and spaces and seeks opportunities for environmental education in his designs. He strives to use plant palettes that incorporate native and adaptive species, combining aesthetics with a sensitivity towards efficient water.

PROFESSIONAL CREDENTIALS

- Master of Landscape Architecture, Landscape Architecture, University of Florida
- Bachelor of Science, Business Administration, Florida State University
- Professional Landscape Architect in California #5798
- Council of Landscape Registration Boards #21623
- Certified Landscape Irrigation Auditor #92638
- American Society of Landscape Architects #7785032

RELEVANT EXPERIENCE

- **I-215/Van Buren Boulevard Bridge Interchange PA&ED and PS&E Phases, Riverside County, CA** – Landscape Architect
- **Riverside Community Hospital Expansion, Riverside, CA** – Landscape Architect
- **City of Los Angeles, Figueroa Street Landscape Architectural Services, Los Angeles, CA** – Project Manager
- **City of Banning, I-10/Sunset Avenue Railroad Grade Separation, Banning, CA** – Landscape Architect
- **SANDAG, Mid-Coast - 100% Final Design Phase, San Diego, CA** – Landscape Architect
- **City of El Centro, Aquatic Center/Plank Park Design Services, El Centro, CA** – Landscape Architect
- **City of Palm Springs, Demuth Park Pickleball Expansion Project, Palm Springs, CA** – Landscape Architect
- **City of National City, Paradise Creek Educational Park, National City, CA** – Landscape Architect
- **City of Desert Hot Springs, Hacienda Avenue Improvement Project, Desert Hot Springs, CA** – Landscape Architect
- **City of Thousand Oaks, Rancho Road Sidewalks and Bike Lanes, Thousand Oaks, CA** – Landscape Architect
- **City of San Diego, South Bay Community Park ADA Improvements, San Diego, CA** – Project Manager
- **SANDAG, South Bay Bus Rapid Transit (BRT) East Palomar Street Segment Final Design, San Diego, CA** – Landscape Architect
- **City of San Diego, Voigt Drive/I-5 North Coast Corridor (NCC) Improvements (PS&E), San Diego, CA** – Landscape Architect
- **City of El Centro, Martin Luther King Community-Oriented Skate Park, El Centro, CA** – Landscape Architect
- **City of National City, A Avenue Green Street Kimball Park, National City, CA** – Landscape Architect
- **City of Los Angeles, Bridge On-Call Program (North Spring Street and Laurel Canyon Tasks), Los Angeles, CA** – Landscape Architect

Justin Gatza, P.E.

Active Transportation

PROFESSIONAL CREDENTIALS

- Bachelor of Science, Civil Engineering, California State Polytechnic University, Pomona
- Professional Engineer in California #83496
- American Society of Civil Engineers (ASCE), Member

Justin is highly experienced in the planning and design of multidisciplinary roadway and highway improvement projects throughout Southern California. His technical skill allows him to support a wide range of transportation infrastructure projects ranging from municipal roadway improvements, major freeway and interchange design, transit, and pedestrian/bicycle improvements. Justin has served the role as project engineer on numerous Southern California based projects where he has obtained a very thorough understanding of the various elements of delivering successful transportation engineering projects. His particular emphasis has been on street improvement design, roadway widening and re-alignments, complete streets, active transportation, transit planning, ADA and pedestrian improvements, bike path planning and design, drainage and hydraulics, stormwater management, pavement rehabilitation, and utility design.

RELEVANT EXPERIENCE

- **City of Malibu, On-Call Traffic Engineering Services since 2013, Malibu, CA** – Project Engineer
- **Expo Metro Line Construction Authority, Design of Metro E Line (Expo) LRT Phase 2, Los Angeles, CA** – Project Analyst
- **City of Burbank, PS&E for San Fernando Class I Bikeway, Burbank, CA** – Project Analyst
- **LA Metro, SR 138 Project Approval & Environmental Documentation (PA&ED), North Los Angeles County, CA** – Project Analyst
- **City of Agoura Hills, Agoura Road Widening (Complete Streets), Agoura Hills, CA** –Project Engineer
- **Graton Casino, Wilfred Avenue Off-Site Improvements, Rohnert Park, CA** – Project Engineer
- **City of Camarillo, Santa Rosa Road Widening Project, Camarillo, CA** – Project Engineer
- **City of San Diego, I-5/Genesee Avenue Interchange PA&ED, PS&E and Construction Phase Services (CPS), San Diego, CA** – Project Engineer
- **RCTD, I-10/Sunset Avenue Interchange Railroad Grade Separation PS&E, Banning, CA** – Project Engineer
- **City of Agoura Hills, Kanan Road/Agoura Road Ultimate Intersection Improvements Project, Agoura Hills, CA** – Project Engineer
- **City of Lancaster, Avenue J/SR 14 (SR 138) Interchange PSR-PDS, PA&ED and PS&E, Lancaster, CA** – Project Engineer
- **City of Alhambra, 710 North Arterial and I-10 Interchange Improvements at I-10/Fremont Avenue, I-10/Atlantic Boulevard, and I-10/Garfield Avenue, Alhambra, CA** – Project Engineer

Jeff Baumgardner, P.E.

Erosion Control and SWPPP

PROFESSIONAL CREDENTIALS

- Bachelor of Science, Civil Engineering, University of Detroit, Mercy
- Professional Engineer in California #C77759
- American Society of Civil Engineers (ASCE), Member
- Engineers Without Borders, Member

Jeff has more than 23 years of experience as a civil engineer, task manager, and project manager responsible for airport and land development projects. He provides site civil engineering, drainage design, utilities design, and construction administration for development projects. Jeff has worked extensively at airports including the Los Angeles International Airport (LAX) for the ongoing Mid-Field Satellite Concourse terminal expansion and the Consolidated Rent-a-Car Facility (CONRAC) facility expansion programs.

RELEVANT EXPERIENCE

- **Los Angeles International Airport, Consolidated Rent-a-Car Facility, Los Angeles, CA** – Project Manager
- **Los Angeles International Airport, Architecture, Engineering Planning, and Design Services for Midfield Satellite Concourse, Tom Bradley International Terminal Expansion, Los Angeles, CA** – Project Engineer
- **Los Angeles International Airport, Design-Build for Midfield Satellite Concourse North at LAX, Los Angeles, CA** – Project Engineer
- **Valencia Commerce Center, Valencia, CA** – Project Engineer
- **Riverside Community Hospital Expansion, Riverside, CA** – Project Engineer
- **Brickyard Commerce Center (Compton Brickyard), Compton, CA** – Project Engineer
- **Aerospace Corporation, Building A-9, El Segundo, CA*** – Project Engineer
- **San Diego International Airport, Landmark FBO Facility, San Diego, CA*** – Project Engineer
- **Los Angeles International Airport, Terminal 1, Los Angeles, CA*** – Project Engineer

*Prior to joining Kimley-Horn

Yvette Ximenez

Outreach and Planning

arellano associates

PROFESSIONAL CREDENTIALS

- Bachelor of Science, Public Policy, Planning and Development, University of Southern California

Yvette provides strategic public outreach services and direction for a variety of planning, environmental, and construction projects both in Los Angeles and Orange Counties. She is experienced in strategic partnerships with community-based organizations and continues to build this expertise through her work with Metro. Yvette supports with development of strategies for partnering with community-based organizations, development of key messaging, presentations and collateral materials, coordination of events and public meetings, notification for public meeting and hearings, direct stakeholder outreach, client relations, construction outreach and assists with project and budget management. She is particularly interested in engaging minority, Limited English Proficiency, and low-income groups to become involved in the development of their communities. She is knowledgeable in several software systems, including Adobe Creative Suite, Microsoft Office products, ESRI ArcGIS, and Constant Contact. Yvette speaks, reads, and writes fluent Spanish.

RELEVANT EXPERIENCE

- **City of Pico Rivera, Telegraph Road Over San Gabriel River Bridge, Pico Rivera, CA** – Senior Project Coordinator
- **Los Angeles County Metropolitan Transportation Authority (Metro), Eastside Transit Corridor Phase 2 (Advanced Conceptual Engineering phase), Los Angeles County - Gateway Cities and San Gabriel Valley Regions, CA** – Senior Project Coordinator
- **Metro, Interstate 605 (I-605)/State Route 60 (SR 60)/Interstate 5 (I-5) Project Approval and Environmental Document (PA/ED) Interchange Project, Los Angeles County, CA** – Senior Project Coordinator
- **County of Los Angeles, Rosemead Boulevard Complete Streets Improvement Projects, South El Monte, CA** – Project Coordinator
- **City of Pico Rivera, Beverly Crossing Project, Pico Rivera, CA** – Project Coordinator

Edna Jimenez

Outreach and Planning

arellano associates

PROFESSIONAL CREDENTIALS

- Bachelor of Science, Urban and Regional Planning, California State Polytechnic University, Pomona

Edna has played a key role in many transportation, planning, environmental, and construction projects as deputy project manager at Arellano Associates. She focuses on strategic communication, message development, inter-agency relations, marketing, event coordination and implementation, database management, and project organization. As a natural leader, Edna excels at building relationships with various stakeholders and has successfully developed strategic outreach plans that focus on serving diverse groups. Additionally, Edna has served as project manager on efforts and developed engagement plans that focus on digital outreach and innovative tools to support client needs and increase opportunities for enhanced community engagement. Edna continues to be instrumental in leading the development of an equitable approach for several clients, including the use of hybrid options for engagement. Some of the technical tools she has utilized for virtual meetings, are ArcGIS online interactive maps, ESRI StoryMaps, Social Pinpoint, MetroQuest, online surveys, polls, MiroBoard, and Jamboard. Edna is a fluent Spanish speaker and is proficient in reading and writing the Spanish language.

RELEVANT EXPERIENCE

- **City of Pico Rivera, Telegraph Road Over San Gabriel River Bridge, Pico Rivera, CA** – Project Manager
- **City of Pico Rivera, Washington Blvd Over Rio Hondo Channel, Pico Rivera, CA** – Project Manager
- **Los Angeles County Metropolitan Transportation Authority (Metro), Eastside Transit Corridor Phase 2 (Alternative Analysis/Draft EIS/EIR/Advanced Conceptual Engineering phase), Los Angeles County - Gateway Cities and San Gabriel Valley Regions, CA** – Deputy Project Manager
- **City of Pico Rivera, Beverly Crossing Project, Pico Rivera, CA** – Senior Project Coordinator
- **County of Los Angeles, Rosemead Boulevard Complete Streets Improvement Projects, Rosemead, CA** – Project Coordinator

Armando Dupont, PLS

Surveying and Mapping

CALVADA SURVEYING, INC.

PROFESSIONAL CREDENTIALS

- Associate of Arts, Civil Engineering, Fullerton College, Fullerton, California
- Land Surveying, California State Polytechnic University, Pomona
- Professional Land Surveyor, State of California, PLS #7780
- California Land Surveyors Association (CLSA), Member
- American Council of Engineering Companies (ACEC), Member

Armando started his career in the surveying industry in 1977. As President and founding member of Calvada, he is responsible for all business activities of the company including executive management of technical, field, engineering, design and land survey personnel. His project experience includes topographic mapping, boundary surveying and analysis, ALTA/ ACSM Land Title Surveys, construction and control surveying, preparation of tract and parcel maps, earth work calculations and quantities, and targeting and control for photogrammetry observations.

Armando is fluent in managing commercial, industrial and governmental as well as private sector projects. He leads a team of professionals at Calvada providing insight and leadership based on his years of experience as a party chief, project surveyor, and project manager on a wide array of projects. He has provided work for a number of industries, including providing services to the engineering, telecommunications, transportation, environmental and real estate industries.

RELEVANT EXPERIENCE

- **Dep. of Public Works BOE, BOE-TOS-1-Complete Streets , Los Angeles, CA** – Principal Lead Surveyor
- **City of Los Angeles, Barham Blvd Street Improvements, Los Angeles, CA** – Principal Lead Surveyor
- **City of Anaheim, Knollwood Circle Sewer Improvement Project, Anaheim, CA - QC/QA Reviewer**
- **City of San Juan Capistrano - Topographic Survey of Public Right of Way for Sidewalk Improvements, San Juan Capistrano, CA** – Principal Lead Surveyor

Saul Melgarejo Jr., PLS

Surveying and Mapping

CAL VADA SURVEYING, INC.

PROFESSIONAL CREDENTIALS

- Bachelor of Science, Civil Engineering, Geospatial Emphasis, California State Polytechnic University, Pomona
- Professional Land Surveyor, State of California, PLS #7771

Saul has worked in the field of land surveying since 2006, in the capacity of project manager for the environmental division and has managed projects for some of the industry's largest clients such as CH2MHill, TRC, and Arcadis. He is experienced in topographic mapping, boundary survey, environmental compliance, and analysis as well as High Definition Laser Scanning. Saul's educational background is well rounded to include photogrammetry, highway engineering, public land surveys, vector dynamics, fluid mechanics, hydraulic engineering, water supply engineering, structure analysis, and geotechnical engineering.

In Saul's present capacity as environmental, topographic/aerial survey project manager, he is responsible for CAD team oversight, QC/QA, management and technology development, project coordination, supervision, and delivery. He is also responsible for finalizing all project control including aerial targets.

RELEVANT EXPERIENCE

- **MNWD, Pipeline Replacements at I-5 and Oso Creek - MNWD/SMWD Plant 3A, Mission Viejo, CA** – Project Manager
- **City of Palm Desert, Groundwater Replenishment Projectl Palm Desert, CA** – Project Manager
- **City of Coachella, Cultivation Farm Projects #1 and #2 I Coachella, CA** – Project Manager
- **Department of Public Works BOE, LosAngeles-BOE-TOS-1-Complete Streets - La Brea Avenue, from Coliseum Street to Adams Boulevard** – Project Manager
- **Woodard & Curran, Knollwood Circle Sewer Improvement Project, Anaheim, CA** – Project Manager
- **GHD/IEUA I Haven Avenue Regional Sewer System Repair Project No. EN20056, Ontario, CA** – Project Manager

S. Niranjanan, PE, GE

Geotechnical Engineering and Materials Testing

DIAZ·YOURMAN & ASSOCIATES
Geotechnical Services

PROFESSIONAL CREDENTIALS

- Master of Civil Engineering, Civil Engineering, Washington State University, Pullman, Washington
- Bachelor of Science, Civil Engineering, University of Peradeniya Sri Lanka, Peradeniya, Sri Lanka
- Geotechnical Engineer in California #C-2819
- Professional Civil Engineer California #C 67023
- American Society of Civil Engineers (ASCE), Member

Mr. Niranjanan is a registered geotechnical engineer with over 24 years of project experience, including bridges, street widenings, highway improvements, sound walls and retaining walls; and grade separations; bike paths; pavement evaluation and rehabilitation; buildings; and other transportation projects. He has coordinated, performed, or directed geotechnical investigations for well over 600 projects in Southern California. Niranjan has practical experience in all aspects (design and construction) of geotechnical engineering, including site selection, field investigations, engineering analyses, recommendations, construction observation and testing, and preparation of geotechnical reports and recommendations. He has worked on more than 40 Caltrans bridges, including those funded through the Highway Bridge Replacement and Rehabilitation program. Niranjan's knowledge of FHWA and Caltrans policies, requirements, and procedures, including extensive knowledge of the Local Assistance Procedures Manual (LAPM), makes certain that geotechnical and environmental reports will be thorough, accurate, and approved.

RELEVANT EXPERIENCE

- **City of Pico Rivera, Regional Bikeway Project, Pico Rivera, CA** – Geotechnical Manager
- **City of Downey, Lakewood Boulevard at Florence Intersection Improvements, Downey, CA** – Geotechnical Manager
- **Los Angeles County Department of Public Works (LACDPW), Rosemead Boulevard Complete Streets Improvements, Phase I, Los Angeles, CA** – Geotechnical Manager
- **Caltrans District 12, Pavement Rehabilitation Preliminary Engineering and Final PS&E, Orange County, CA** – Geotechnical Manager
- **City of Norwalk, Foster Road Rehabilitation from Studebaker Road to Pioneer Boulevard, Norwalk, California** – Geotechnical Manager

Britton Howay

Geotechnical Engineering and Materials Testing

DIAZ·YOURMAN & ASSOCIATES
Geotechnical Services

PROFESSIONAL CREDENTIALS

- Master of Science, Geotechnical Engineering, California Polytechnic State University, Pomona, California
- Bachelor of Science, Civil Engineering, California Polytechnic State University, Pomona, California
- Engineer-in-Training in California #C-1870584
- American Society of Civil Engineers (ASCE), Member

Britton has more than seven years of geotechnical engineering experience, including street improvements, bike and pedestrian trails, pavements, and rail and transit projects. He is proficient with data review, field investigations, soil logging and sampling using Standard Penetration Test and Modified California Sampler from exploratory boreholes and excavation pits, local geology/groundwater investigations, and site map/vicinity map preparation. Britton has also conducted percolation tests, performed foundation/footing embedment depth investigations, and performed environmental Phase II hazardous materials soils sampling. He has been promoted twice and routinely assists with project management, proposal preparation, engineering analyses, geotechnical recommendations, and report preparation.

RELEVANT EXPERIENCE

- **City of Pico Rivera, Regional Bikeway Project, Pico Rivera, CA** – Geotechnical Staff Engineer
- **City of Manhattan Beach, Aviation Boulevard Missing Sidewalk Project, Manhattan Beach, CA** – Geotechnical Manager
- **Riverside County Transportation Department (RCTD), Temescal Canyon Road Widening, El Cerrito Segment, Riverside, CA** – Geotechnical Manager
- **City of Irvine, Harvard and Michelson Intersection PS&E, Irvine, CA** – Geotechnical Manager
- **Caltrans, District 12 Pavement Rehabilitation Preliminary Engineering and Final PS&E, Orange County, CA** – Geotechnical Project Engineer

Mark Mendoza

Right-of-Way

PARAGON
A CLS COMPANY

Mark is responsible for all supervision of right-of-way services as Paragon's Corporate Broker. He provides oversight of subconsultants and interfaces with the roject client as well as elected and appointed officials. For over 37 years, Mark has managed real estate and right-of-way projects in California. Mark is responsible for strategy and is involved with regulatory agency interface and compliance. Mark has unparalleled experience managing real estate for public projects in California. He knows how to develop win-win solutions to right-of-way problems. Mark's vast understanding of real estate acquisition projects enables him to accurately assign resources based on experience. In addition, he worked with the Los Angeles CTC when it merged with the RTD. His experience includes bus rapid transit projects, bus maintenance and facilities, and working with FTA and Caltrans to achieve project approvals. Mark has spearheaded transportation projects through California is knowledgeable in federal, state and local funding programs. As a leader, Mark sets clear direction, inspires vision, and motivates team members.

PROFESSIONAL CREDENTIALS

- Licensed California Real Estate Broker License No. 01445764
- Corporate Broker License No. 01317327
- Commissioner, County of Los Angeles Citizens Redistricting Commission
- Alameda Corridor Transportation Authority (ACTA) Relocation Appeals
- National Association of Realtors, Member

RELEVANT EXPERIENCE

- **Alameda Corridor-East Construction Authority (ACE), Gateway to America Project, San Gabriel Valley/Los Angeles County, CA** – Program Director
- **San Gabriel Valley Council of Governments, SR-57 - SR-60 Interchange Confluence Project, San Gabriel Valley/Los Angeles County, CA** – Project Manager
- **City of Corona, McKinley Street Grade Separation Project, Corona/Riverside County, CA** – Project Director
- **City of Fontana, Sierra Avenue Widening Project, Fontana/San Bernardino County, CA** – Project Director
- **Orange County Sanitation District (OCSD), Right-of-Way and Property Management Services Orange County, CA** – Project Manager
- **Orange County Transportation Authority (OCTA), SR-55 Improvement Project (I-5 to I-405 SB) Santa Ana, Orange County, CA** – Project Manager
- **County of Los Angeles, Real Estate Property Management/Lease Negotiations, Los Angeles County, CA** – Project Manager
- **City of San Bernardino, H Street Widening, San Bernardino County, CA** – Project Director
- **City of Pomona, SR-71/Mission Boulevard Grade Separation, Pomona, Los Angeles County, CA** – Project Manager
- **City of Los Angeles Community Redevelopment Agency, North Hollywood Redevelopment Project, Los Angeles, Los Angeles County, CA** – Project Manager

Phillip Bonina, CPM

Right-of-Way

PARAGON
A CLS COMPANY

PROFESSIONAL CREDENTIALS

- Licensed California Real Estate Broker License No. 01023028
- Certified Property Manager (CPM)

Phillip is a high performance and results driven commercial, industrial, and residential real estate professional with proven experience to successfully manage client-driven real estate and business strategies for public and private projects throughout California. Phillip has more than 32 years of professional experience working with property owners, public entities, privately owned companies, utility companies, construction managers, subconsultants, and vendors, including projects in Southern California. Leveraging this level of experience coupled with his licenses, certifications, and background as a Certified Property Manager (CPM), and a licensed California Real Estate Broker, he can proactively prepare for and mitigate unforeseen changes during the implementation of right of way services. Phillip is a strong leader with exceptional interpersonal skills. He continuously finds new ways to apply his knowledge to enhance the performance of his entire team while introducing updated problem-solving tactics and best practices that ensure our agents' success for our clients.

RELEVANT EXPERIENCE

- **San Gabriel Valley Council of Governments (formerly Alameda Corridor East-Construction Authority), Durfee Avenue Grade Separation, Pico Rivera/Los Angeles County, CA** – Project Manager
- **City of Irvine, Irvine Business Complex (IBC) Sidewalk Improvement Project, Irvine/Orange County, CA** – Project Manager
- **City of Irvine, Irvine Venta Spur and Pedestrian Trail Project, Irvine/Orange County, CA** – Project Manager
- **City of Santa Ana, Warner Avenue Improvements, Phase 2 Widening, Santa Ana/Orange County, CA** – Project Manager
- **City of La Habra, Whittier Boulevard and Hacienda Road Intersection Improvements, La Habra/ Los Angeles County, CA** – Project Manager
- **City of Roseville, Dry Creek Greenway East Trail Project Phase II, Roseville/Placer County, CA** – Project Manager
- **Orange County Transportation Authority (OCTA), OC Streetcar Project, Orange County, CA** – Project Manager
- **Los Angeles County Metropolitan Transportation Authority (Metro), I-170 Soundwall Improvement Project, Los Angeles County, CA** – Project Manager

D. CONSULTANTS AND/OR SUBCONSULTANTS

Kimley-Horn understands that the City desires to enter into a PSA with a consultant that will be responsible for all work, products, and services. We acknowledge that there is no assignment of any aspect of assigned projects without the prior written authorization of the City. To enhance our team, we have partnered with four (4) specialized subconsultants with whom we have built long-term relationships and delivered successful local projects in Southern California. Our teaming partners, described below, are poised to provide project support services to the City, as needed.

SUBCONSULTANTS

ARELLANO ASSOCIATES

Company profile: Arellano Associates (AA) is a professional services consulting firm specializing in communications and public outreach, community and government relations, and strategic planning and marketing programs. For 30 years, AA has served many of Southern California's most important public programs, including transportation, public safety, sustainability, planning, infrastructure improvement, and other energy and water-related projects. Their vision is to continue to be a trusted partner guiding meaningful community engagement that is intentional, equitable, and inclusive. Their team of professionals provides comprehensive communications and planning services for the full spectrum of public projects from planning to construction or implementation. AA is a Limited Liability Corporation and is woman-owned and minority-owned (M/WBE). AA is a certified Small Business-owned (SBE) and Disadvantaged Business Enterprise (DBE). AA is headquartered in Chino Hills, California and is comprised of a growing team of 70 staff members.

AA believes positive change is possible in communities that are informed and engaged. AA has made it its mission to provide the most innovative and culturally-fluent outreach that collaboratively engages stakeholders and decision makers to support intentional, equitable, and inclusive community engagement. Their understanding and appreciation for stakeholder diversity – along with bringing forward the latest innovations in outreach – enables them to work together with clients toward achieving their goals. AA creates and executes specific and tailored community engagement programs and can take apart complex and difficult projects and develop approaches and solutions that provide positive results. They hav led outreach for agencies throughout the region and provides unmatched communication and facilitation capabilities and commitment.

Name, address and phone: 5851 Pine Avenue, Suite A, Chino Hills, CA 91709 ⍰ 909.627.2974

Responsibilities: Outreach and planning

Services provided: Communications and public outreach, community and government relations, and strategic planning and marketing programs

Business and reporting relationship with the sub: Subconsultant to Kimley-Horn

References:

LA Metro

One Gateway Plaza, Los Angeles, CA 90012

Jenny Cristales-Cevallos, Senior Manager, Transportation Planning, 213.418.3026

Description of projects and location: Eastside Transit Corridor Phase II, Los Angeles County, San Gabriel Valley and Gateway Cities Subregions, CA

City of Pico Rivera

6615 Passons Boulevard, Pico Rivera, CA 90660

Javier Hernandez, Director of Innovation & Communications, 562.801.4395

Description of projects and location: Telegraph Road Bridge, Pico Rivera, CA

CALVADA SURVEYING, INC.

Company profile:
Calvada Surveying, Inc. (Calvada Surveying) is a Disabled Veteran and Minority Owned land surveying firm founded in 1989 by Armando DuPont, PLS, and Edward Schenet, PLS. Their company headquarters are located in Corona, California. The year 1996 marked the start of an intense growth period for the firm and since that time they have achieved steady growth and established branch offices in Northern California, Colorado, Arizona, and Nevada. Their strategically located offices enable the firm to fully serve the project needs of their clients in California, Colorado, Wyoming, New Mexico, Arizona, Nevada, Utah, and Texas.

Calvada Surveying is a leading provider of professional land surveying services throughout the Western United States. Their expertise lies within the engineering, development, real estate, environmental, and telecommunication industries, serving both the private and public sectors. They are committed to implementing innovative services and are proud to offer the latest in land surveying technology including High Definition Surveying (HDS), also known as 3D laser scanning. This powerful technology allows them to provide accurate 3D drawings more quickly and saves their clients countless hours and cost. They also now offer drone surveying which can be used on certain projects to limit the amount of time their crews spend in the field.

Name, address and phone: 411 Jenks Circle, Suite 205, Corona, CA 92878 | 951.280.9960

Responsibilities: Surveying and Mapping

Services provided: ALTA, Topographis Survey, LIDAR, Boundary, Title Research and Reports

Business and reporting relationship with the sub: Subconsultant to Kimley-Horn

References:

Alta Planning + Design, Inc.

617 W. 7th Street, #1103, Los Angeles, CA 90017

Vincent B. Hellens Jr., ENV SP, QSDSP
213.797.4445

Description of projects and location: City of Los Angeles - Department of Public Works BOE, Design And Support Services During Construction FOR Backlog Reduction, Vision Zero Initiative, South Bay MSP Curb Ramps, and Traffic Infrastructure Facilities, various locations, CA

KOA Corporation

3190 E. Shelby Street, #C, Ontario, CA 91764

Felix "Mario" Ramos, Associate Engineer, 909.890.9693

Description of projects and location: Fontana Safe Routes to School Gap Closure (Federal Project No. 5307(029))

DIAZ YOURMAN & ASSOCIATES

Company profile:
Diaz•Yourman & Associates (DYA) is a privately held geotechnical consulting services corporation, founded in December 1992. DYA provides expert geotechnical design, hazardous materials, construction, and forensic services to public agencies, owners, and the U.S. Government for a wide array of project types, including highways, streets and roads, bridges, rail, grade separations, bike paths, and other transportation infrastructure; ports, harbors, and airports; water/wastewater infrastructure, including treatment plants, reservoirs, pipelines, and pump stations; commercial and industrial buildings; and schools, hospitals, and other facilities. DYA has currently has 25 employees, including 18 engineers, the majority of whom have advanced degrees in geotechnical engineering. Their engineers are supported by a staff of technicians, word processors, and drafters (ArcGIS, AutoCAD and MicroStation), and an extensive technical library. DYA is a certified Minority Business Enterprise and Disadvantaged Business Enterprise (MBE/DBE) under the California Unified Certification Program (CUCP) and a certified Small (Micro) Business Enterprise (SBE) with the State of California Department of General Services (DGS)

Name, address and phone: 1616 East 17th Street, Santa Ana, CA 92705, 714.245.2920

Responsibilities: Geotechnical engineering and materials testing

Services provided: Geotechnical engineering, including geotechnical/geologic site risk analysis, pre-design investigations, seismic design criteria, slope stability, grading, sub-drainage, infiltration, geotechnical design criteria, ground improvement, foundations, pavement structural sections, materials reports, and hazardous materials (Phase I and Phase II investigations), and pavement section thickness design (including subgrade preparation)

Business and reporting relationship with the sub: Subconsultant to Kimley-Horn

References:

Caltrans District 12

3337 Michelson Drive, Suite CN 380,
Irvine, CA 92612

David Lam, 657.328.6080

Description of projects and location: Project to restore the pavement, correct structural defects, improve the ride and serviceability of pavement, correct drainage issues, construct a retaining wall, and extend the service life of the existing pavement at sixteen (16) connectors, two (2) ramps, and one (1) mainline segment near an undercrossing in Orange County, California. DYA provided geotechnical engineering services during the PA/ED and PS&E phases. DYA performed geotechnical engineering services and recommendations. Orange County, CA

OCTA

550 S. Main St., Orange, CA 92863

Jim Beil, 714.560.5646

Description of projects and location: The OC Streetcar project consists of the design and construction of a two-track streetcar system from the Santa Ana Regional Transportation Center (SARTC) in Santa Ana to the proposed Regional Transit Connection and station in Garden Grove, approximately 4 miles. The project also includes design and construction of a maintenance and storage facility and two new bridge structures. DYA provided geotechnical engineering and hazardous materials services and recommendations. Orange County, CA

PARAGON PARTNERS CONSULTANTS, INC.

Company profile: Paragon Partners Consultants, Inc. (Paragon) specializes in providing professional land rights and right-of-way consulting services. Paragon has served public sector clients throughout California for over 30 years, successfully providing extensive and comprehensive right-of-way services for some of the largest highway, road, transportation, and infrastructure projects in the state. Paragon's team is experienced in title research, rights analysis, appraisals, acquisition of permanent and temporary rights, relocation assistance, property management, right-of-way certification, and disposal of surplus land. They work closely with government agencies, engineering design firms and private property owners to identify and implement strategies to successfully obtain the property interests and remove encroachments for project construction. Their team of highly trained professionals carefully follow all local, state, and federal laws, regulations, and policies, including the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (49 CFR Part 24), as amended; Chapter 13 of the Caltrans Local Assistance Procedures Manual (LAPM); the Caltrans Right-of-Way Manual; and the California Relocation Assistance and Real Property Acquisition Guidelines (Title 25, California Code of Regulations).

Name, address and phone: 5660 Katella Avenue, Suite 100, Cypress, CA 90630, 714.379.3376 ext. 105

Responsibilities: Right-of-way

Services provided: Right-of-way services, including title research, rights analysis, appraisals, acquisition of permanent and temporary rights, relocation assistance, property management, certification, and disposal of surplus land

Kimley-Horn's business and reporting relationship with the sub: None

References:

San Gabriel Valley Council of Governments (ACE)

1333 Mayflower Avenue, #360, Monrovia, CA 91016

Renee Cornel, Senior Project Manager, 626.962.9292

Description of projects and location: The ACE Project, San Gabriel Valley, Los Angeles County, CA

City of Highland

27215 Base Line, Highland, CA 92346

Carlos Zamano, Director of Public Works/City Engineer, 909.864.8732

Description of projects and location: Safe Routes to School Projects, 9th Street Acquisition, Victoria Avenue Roadway Improvement Project, various locations, CA

RESUMES

Subconsultant resumes are provided and included with our key team members' resumes in **Section C. Proposed Staffing.**

Kimley-Horn acknowledges that the City has the right to accept or reject any changes made to the proposed project team members, including the use of subcontractors/subconsultants.

E. WORK APPROACH

UNDERSTANDING OF SERVICES

Kimley-Horn understands that the City seeks services that generally include planning and engineering design for, but will not be limited to:

- Roadway Pavement Rehabilitation and/or Restoration
- Streetscape
- Landscaping and Irrigation Systems
- Utility
- Bridges
- Safety Lighting
- Traffic Signal
- Hydraulic Analysis
- Rail/Transit Facilities
- Active Transportation and Complete Streets Facilities
- Water Treatment and Distribution Systems
- Sewer Systems
- Flood Control and Storm Drain Facilities
- Parks/Playgrounds/ Trails, Parklets
- General Facilities (Chain-Link Fencing/Gates, Retaining Walls, etc.)
- Other Public Works Construction Projects
- Grant Administration
- Public Outreach
- Preliminary Engineering and Planning Studies
- Environmental Studies, Surveying
- Right-of-Way Acquisition
- Mapping
- Legal Description Preparation
- Staking
- Geotechnical
- Structural Services
- Architectural Services
- Mechanical (HVAC)/ Electrical Services
- Prior Rights Claim Expertise

Kimley-Horn and our team of subconsultant firms have completed numerous projects with services similar to these services listed in the City's RFP.

We understand that there may be instances where a specialty subconsultant may be needed to respond to task orders. The subconsultant can be brought onto the team during the task order process.

PLANNING

ENVIRONMENTAL STUDIES

Our environmental services team provides complete natural resource regulatory compliance services for public works projects. Our environmental scientists are well versed in all aspects of the development process, from Phase I Environmental Site Assessments to CEQA and NEPA documentation to resource agency permitting. They are experienced in taking a project from conception to final build-out, so they are ideal to provide environmental compliance services in support of design and construction engineering. Our team's environmental services include: CEQA/NEPA documentation; groundwater protection; environmental audits; environmental compliance; natural resource investigations; stormwater management; and more. Our environmental professionals have provided services for a wide variety of projects, including roadway, transit, transportation planning, green streets, complete streets, land development, storm drain, and water resources.

SUSTAINABILITY/CLIMATE RESILIENCY

Kimley-Horn has nurtured long and successful working relationships with the state and federal agencies, such as Caltrans, California Air Resources Board (CARB), Federal Highway Administration (FHWA), Federal Emergency Management Agency (FEMA), Federal Transit Administration, and Department of Energy, which may provide relevant guidance needed to build and implement Irvine's sustainability plans.

While working with these various agencies, Kimley-Horn has learned the guidelines and regulations for the agencies and is able to successfully navigate their processes, secure funding, and make their programs work for the City. Guidance, policies, and other tools relevant to sustainability services will include, but not be limited to, the following:

- CalAdapt
- CalEnviroScreen4
- California Air Pollution Control Officers Association's Quantifying Greenhouse Gas Mitigation Measures
- CalEPA's Urban Heat Island Index for California
- Healthy Places Index
- ICLEI Greenhouse Gas Protocols, Equity in Climate Planning, Adaptation in Climate Planning and Implementation, and the ClearPath tool
- California's Fifth Climate Change Assessment
- ICARP Technical Advisory Council
- IPCC's Sixth Assessment Report
- California Climate Adaptation Planning Guide
- Safeguarding California: California's Climate Adaptation Strategy
- California Transportation Plan 2040
- SCAG's Southern California Climate Adaptation Planning Guide
- National Oceanic and Atmospheric Administration (NOAA), Coastal Flood Exposure Mapper and other data sets
- FEMA flood maps
- United States Geological Survey for groundwater data

The approach to sustainability and climate resiliency involves a series of steps. The team will assess current sustainability and climate resiliency practices to develop new strategies. We will take a comprehensive approach by setting clear and measurable objectives and goals with the aim of reducing impacts and increasing climate resiliency.

GRANT ADMINISTRATION

Our team understands that grant administration is a key element in financial management and ensuring your agency follows through on procurements. It is important that agencies understand and follow the regulations established by the administering agency for compliance as well as eligibility for future funding. We have been providing grant application services to many municipalities in Los Angeles County, and other counties on Southern California. This made us familiar with the latest grant requirements for public works projects such as Safe Routes to School, High Safety Improvement Program, Active Transportation Program and other transportation, water resources and environmental grants.

Funding administration involves various steps such as the tracking of all eligible & non-eligible expenditures through the life of the project, providing advisement on programmatic changes and updates, and building the relationships with each agency granting or administering the funding. Our team will provide insight into the procedures required to maintain funding. Further, we have assisted numerous local agencies in developing design and improvement plans and programs that were successful in obtaining funding assistance.

COMMUNITY ENGAGEMENT

Community engagement at various points during the project allow participants to participate in the preliminary and final design process. The Kimley-Horn team believes outreach materials including PowerPoint presentations, graphics, exhibits, fact sheets, and all materials required for community engagement activities must be created in a meaningful and strategic way. Upon the City's request, all community engagement activities will be turn-key (set-up/breakdown, materials/supplies, easels, refreshments, presentation materials, etc.), allowing City staff to focus on the issues, not meeting logistics. Kimley-Horn will provide outreach collateral (flyers, press releases) prior to community engagement activities and coordinate with City's public information officer. To optimally engage public stakeholders, the Kimley-Horn team will provide translation headsets and Spanish-speaking engineers at each public informational meeting. Kimley-Horn staff members engaged the public effectively and successfully during the development of many projects in surrounding Cities and we will apply the best elements of that successful outreach approach to the project.

TRANSIT/BRT PLANNING

Kimley-Horn recently completed the North Hollywood to Pasadena BRT project which consisted of 18 miles of busway to connect the Cities of Los Angeles, Burbank, Glendale, and Pasadena. Kimley-Horn prepared the environmental document which paved the way for preliminary design which Metro will utilize a construction manager/general contractor project delivery method. In addition, Kimley-Horn completed a Transit Feasibility Study for San Gabriel Valley, which included defining mobility problems, creating initial concepts, ridership forecasting, high-level cost information, extensive community and stakeholder outreach, and concluded with a Vision Plan, which identified several east/west and north/south concepts for BRT implementation. We approach Transit/BRT Planning with a comprehensive scope of services to analyze all aspects of the project. Identification of goals, issues and approach are paramount. Goals will keep the planning team focused. Issues help the planning team be responsive to the Client as well as community stakeholders. Our approach will guide the project team with concept and technical studies. Outreach and stakeholder engagement are an important aspect that will drive goals, issues, and approach. Kimley-Horn is a leader in Transit/BRT Planning with local and national experts.

Development of Design Guidelines, Manuals, and Procedures. Kimley-Horn staff provide a long history of involvement with development of industry design guidelines, manuals, and procedures. Kimley-Horn team members including our transit/BRT design specialist**, Brent Ogden, P.E., T.E., PTOE**, was involved in the development of the original SCRRA Design Procedures Manual, Project Management Manual, and Design Criteria Manual as well as the development of design guidelines for SCRRA's Sealed Corridor initiative under a 2005 grant from the FRA. The Sealed Corridor effort was modeled after the landmark grade crossing improvement program initially developed by the North Carolina DOT. This effort brought consideration for treatments such as long raised medians, use of exit gates, channelization enhancements, and pedestrian treatments to the Metrolink system.

Kimley-Horn staff have decades of experience participating in the development of national standards. We currently have staff members who participate as voting members of the National Committee on Uniform Traffic Control Devices (NCUTCD)—the NCUTCD is the industry group that provides recommended standards and guidance to FHWA which leads to updates to the Manual on Uniform Traffic Control Devices which transmits national requirements and best practices to the industry.

ACTIVE TRANSPORTATION

Kimley-Horn is dedicated to improving safety for people who travel using different modes. We recognize the importance of planning and designing for people who travel sustainably by walking, biking, or taking transit. We employ cutting-edge techniques to accommodate and encourage more sustainable forms of travel and reduce conflicts with vehicles. Safety concerns are one of the most common factors that discourage people from walking or biking. Our safety planning and design experience helps us understand how to decrease the level of traffic stress (LTS), enhance safety in high-risk areas, and encourage mode-shift. Our team members have led numerous pedestrian and bicycle planning and design projects throughout the country, from single-intersection bike lane improvements to safe routes to school programs and active transportation master plans with miles of protected bikeways. In all, our team members have designed over 200 miles of multi-use and bicycle trails in California.

Knowledge of active transportation planning principles and the differences among various user groups leads Kimley-Horn engineers and planners toward the philosophy that one size does not fit all circumstances. Beginner and intermediate bicyclists prefer protected bike lanes and off-road facilities while advanced bicyclists may prefer paved shoulders and wide outside lanes on major roadways. Our plans often emphasize connectivity with adjacent sites, destinations, and/or jurisdictions

to serve different types of users and remove barriers to under-served neighborhoods and key community destinations such as schools and parks. We routinely design bike facilities—including protected bikeways, bike boulevards with diverters, center running bikeways, and other types of bikeways—***using the Caltrans Highway Design Manual, NACTO's Urban Bikeway Design Guide, and FHWA's Separated Bike Lane Planning and Design Guide.*** Our experience in pedestrian and bikeway design helps us provide better services to our clients and the communities we serve.

Our team also understands the integrated nature of transportation, mobility, and land use, and our collective expertise enables us to view projects from a "360-degree" view. We employ this philosophy in all of our planning efforts. Our team has developed comprehensive land use and transportation policy plans for numerous jurisdictions throughout California and are well-versed in new legislative requirements, including AB 1358, the Complete Streets Act, AB 32, AB 43/1938, and SB 375..

DESIGN

CIVIL ENGINEERING AND ROADWAY DESIGN

Kimley-Horn can meet all your civil engineering and roadway design needs. Since 1967, Kimley-Horn engineers have designed more than 4,000 miles of roadway, including highways, highway interchanges, urban arterials, and neighborhood streets. These projects—performed for state departments of transportation, cities, and counties—have included route/corridor studies, schematic design, maintenance of traffic plans, construction sequencing, and final plans, specifications, and estimates (PS&E). Our in-house staff is equipped to address all aspects of roadway design projects, including pavement rehabilitation, roadway realignment and widening, intersection geometrics, utility relocations, and erosion control. Also, Kimley-Horn's team has provided municipal agencies with design services for their public facilities such as parks, parking lots, parking structures, libraries, senior and community centers. We have gained extensive experience in dealing with local regulatory and other agencies to secure the permits and approvals necessary for the building and upgrading of municipal facilities.

Green Streets. Green Streets combine multiple elements that allow a roadway to be an extension of the sustainable environment. This method of sustainable roadway design can incorporate stormwater management elements such as permeable pavements, vegetated water quality facilities, and open spaces that reduce runoff and strive to duplicate predevelopment hydrology. We integrate nature based solutions into the design where possible. Energy reduction technologies, such as LED lighting and traffic signals, can be used. In addition, heat island effects are reduced through the use of reflective pavements and the incorporation of street trees. Green Streets can be designed with "Complete Streets" principles that encourage alternate modes of transportation.

Safe Routes to School, Traffic Management, and Traffic Calming Design. Kimley-Horn's team of roadway designers, traffic engineers, and planners know how to design roadways that accommodate a defined volume of through traffic, while serving as safe corridors for business and residential units, school areas, and pedestrian and bicycle usage. All reasonable efforts are made to restore a balance between automobiles and pedestrians. When addressing the functional and aesthetic needs of municipal road corridors, Kimley-Horn's team emphasizes a wide variety of traffic calming principles, including:

- Narrowed lane widths that serve to slow traffic and reduce the overall street width—while providing safer pedestrian crossings.
- Heavily landscaped medians that reduce the appearance of expansive paving, help slow traffic, lower the number of accidents, and promote pedestrian safety through the provision of median "refuges" at crosswalk locations.

- Raised intersections (or "speed tables"), equal to the sidewalk elevation, that redefine the road as a "pedestrian area through which traffic must pass" vs. traditional intersections that are clearly "vehicular spaces through which pedestrians and bicyclists must pass." Such intersection designs often incorporate special paving designs to further reinforce their presence and importance.
- Paving designs, including the use of pre-cast paving systems, or color asphaltic pavement mixes, that help to "announce" intersections or neighborhood gateways, and provide a unique character and quality to the roadway corridor. We have used special pavement striping patterns to create special areas, thereby reducing vehicle speeds.
- Traffic circles (or "roundabouts") that permit the development of major gateway features, calm through traffic, and in some instances, even improve the flow of traffic.

Being a leader in this field, we understand the various traffic calming techniques and the numerous alternatives available to facilitate traffic calming.

TRANSIT/BRT DESIGN AND RAILROAD ENGINEERING SERVICES

Kimley-Horn is a leader in transit and BRT design. We are one of a few national consultants to have worked on the full cycle of a BRT project—from the planning phases through environmental clearance, civil/facility infrastructure design, funding acquisition, construction, and implementation—several projects in California. To date, we have been responsible for the planning and design of more than 400 miles of BRT corridor, and 70 projects of different sizes and complexities. Our depth of experience with BRT projects lends you the technical experience, lessons learned, and project management expertise to tackle any challenges that may arise with the City's future BRT projects. Furthermore, our years of experience with BRT projects that are both constructed and in operation gives us keen insight into potential constructability and maintenance issues for these systems.

Special Trackwork and Trackwork Alignment. The Kimley-Horn team has multi-faceted qualifications for addressing the wide array of needs and complexities related to track design. Our core Kimley-Horn staff most recently completed the design for two miles of double mainline track realignment with shoofly tracks and complex phasing for the Fullerton Grade Separation Project along UPRR's LA Subdivision and SCRRA's Riverside Line. The team is currently working with UPRR to begin the construction phase. This same team worked with Metrolink staff in recent years to develop the track realignment concept with shoofly track for the 17th Street Grade Separation Project on the LOSSAN Corridor. This involved evaluation of multiple options to address the design and allowable construction work windows in a constrained corridor with a universal crossover.

Railroad Equipment Maintenance Facility Design. The Kimley-Horn team has significant direct experience in leading the planning, design, rehabilitation and construction management of a wide variety of rail maintenance facilities. Our team members have designed transportation facility projects nationwide for a wide range of sizes, site configurations, and functional requirements.

Grade Crossing Design. The Kimley-Horn team approach to grade crossing design considers all elements of crossing design and construction. We adapt SCRRA standard plans to site-specific conditions, respecting SCRRA policies regarding the use of exit gates, pedestrian treatments, channelization of the rail and road approaches and other features. Kimley-Horn develops General Order (GO) 88-B applications required by the CPUC process to obtain approval for modifications to existing crossings. Fundamental to the approach is conducting a comprehensive "field diagnostic" of the crossing with a multidisciplinary "diagnostic team" comprised of all knowledgeable parties of interest (as defined in 23 CFR Section 109, Part 646.204).

CPUC Application Processes. Kimley-Horn has extensive and recent experience working with the CPUC for commuter rail, light rail, heavy rail, and freight operations, including at-grade crossings and

grade separations. Our team includes experienced personnel who are very familiar with CPUC processes and requirements and who coordinated recent improvements to the Metrolink system, Santa Clara Valley Transporation Authority (VTA) LRT, the Expo LRT extension in Los Angeles, the BART heavy rail system, UPRR, and the SD&AE Railroad (SANDAG Blue Line LRT corridor). Our recent project experience includes the LA Countywide Grade Crossing and Corridor Safety Program, working with CPUC to inventory and analyze safety at 1,500 at-grade crossings across the entire state, and designing rail crossing improvements and traffic signal improvements for the Andersen Drive/ Francisco Boulevard intersection in San Rafael as well as for numerous intersections through downtown San Rafael as part of the SMART commuter line. We bring relationships at every level with CPUC, and have a complete understanding of their process to gain approvals, including both GO 88-B Modification approvals and New Crossing Applications.

Kimley-Horn recently completed the Metro Willowbrook/Rosa Parks Station that included site civil improvements, new platform and access, gate and track crossings, as well as roadway and bikeway improvements. The station also accommodates seven bus berths for transit interconnectivity. In addition, staff completed the civil and utilities design for Metro's Division 14, a new light rail station along the E (Expo) Line. The LEED Gold facility consists of 45 light rail vehicles on 9.7 acres of land. The facility features a rainwater harvesting system that recycles water for industrial uses such as the train wash.

TRANSIT ORIENTED COMMUNITIES/DEVELOPMENT

Kimley-Horn offers the local knowledge and responsiveness of a small organization, backed by the depth of resources only a national firm can offer. Today, we are not only one of the largest engineering, planning, and environmental consulting firms in the U.S., but also one of the highest rated. According to Engineering New-Record, our firm now ranks 9th overall among the nation's top 500 design firms. As a fully integrated, multidiscipline consulting firm, we offer a variety of in-house transit-oriented communities (TOC) and transit-oriented development (TOD) services. We bridge the knowledge of the public sector needs with transit and development with the private sector's approach and understanding. These types of projects begin with the right planning team combined with the appropriate mix of designers.

TRAFFIC ENGINEERING

Kimley-Horn has been an industry leader in traffic engineering for past 57 years and offers complete in-house traffic engineering services in the areas of traffic signal communication and system integration design, intersection lanes configuration design, signing and striping, traffic control plans, construction phasing plans, preparation of traffic impact studies, traffic calming studies, speed zoning studies, safety and operations studies, safe routes to school programs, accident analysis, pedestrian safety programs, parking studies, site access, and general consultation studies in traffic engineering. Our traffic engineering team consists of experts in each discipline of traffic studies, traffic signal design and traffic planning and is equipped with the latest software and hardware to meet your project's goals.

Traffic Signal Design. Signal design is one of the cornerstones of Kimley-Horn's professional practice. Over the past five decades, we have developed signal systems for thousands of signalized intersections for municipalities and state DOTs nationwide. In addition to comprehensive master planning for traffic signalization, our engineers have designed numerous plans to standardize traffic control systems and provide comprehensive systems communications. Advanced traffic management projects include citywide signal system designs, transportation control centers, and innovative transit and public transportation systems. Each of our systems is designed not only to address current needs, but also to accommodate future growth and advances in technology. Kimley-Horn has participated in an extremely large number of signal system projects

throughout the nation. Members of our staff have also assisted several clients during the selection and the administration of various procurement methods, including design-build. We have been responsible for virtually every aspect of traffic systems, including PS&E packages, conceptual designs, operational feasibility, communication architecture, system design, software development, and deployment and implementation plans.

UTILITY DESIGN AND COORDINATION

Our utility design team has successfully completed sewer and water infrastructure projects for various agencies in Southern California. These projects consist of sewer and water main replacement, realignment, upsizing and capacity increase, master planning, existing system evaluation and maintenance and operational support. Every project is unique and presents its own special design challenges; however, the most frequent challenge we face in local municipal projects is related to existing utilities. The majority of the projects under this category are located in developed areas where utility facilities are currently within the proposed project area and any improvement will generally affect or be affected by the location of the utility facilities. Kimley-Horn believes in drawing all utility lines and features to their true size in our plans to aid in identifying conflicts early in the design phase; potholing potential conflict locations when budgets allow, which gives a better understanding of the locations of the existing lines; and extensive coordination with the various utility companies. We also use 3-Dimensional modeling of utilities to identify potential conflicts in early stages of design. This method has helped us to avoid discrepancies between construction documents and actual field conditions that resulted in cost effective and timely manner execution of projects.

STORM DRAIN DESIGN AND DRAINAGE ANALYSIS

Kimley-Horn's drainage engineering services include the design of canals; detention basins; culvert crossings; water control structures; diversion structures; pump stations; and more. Representative project areas range in size from one to more than 130,000 acres. Our engineers have been called upon by numerous public agencies and major agricultural, industrial, and residential developers. Our staff has the expertise to conduct preliminary studies and drainage consultation, prepare stormwater management plans, perform watershed and floodplain analysis, prepare storm drain master plans, and coordinate permit applications on behalf of our clients.

SEWER DESIGN AND WASTEWATER SERVICES

Kimley-Horn has experience in all phases of project planning, design, and construction management of sewer and wastewater projects. We have a growing list of collection system condition assessment projects including flow monitoring, infiltration and inflow assessments, smoke and dye testing, hydraulic modeling, rehabilitation/ replacement recommendation, capital improvement planning, master planning, rate studies, pipe lining, pipe bursting, bypass pumping, trenchless construction, lift station improvements, and odor and corrosion inspection and control.

LANDSCAPE ARCHITECTURE

From the revitalization of a community park to the design and implementation of a downtown streetscape, Kimley-Horn has successfully planned and implemented scores of landscape architecture projects. We have successfully completed numerous parks and master plan projects for federal, state, regional, and local governments. As metropolitan urban areas continue to grow, urban design, streetscape design, and landscape architecture have become integral roadway and transportation system improvements. Providing recreational areas with pedestrian and bicycle facilities in increasingly congested areas are some of the solutions designed by our landscape architects and planners.

PLAN CHECK SERVICES

Our team has provided plan checking, peer review and consultant services for various public agencies to assist them with their plan check needs. Kimley-Horn will utilize the City's in-house plan checklist and plan check documents if available. Kimley-Horn will also supplement the City's checklist as each project requires with Kimley-Horn's checklist. Kimley-Horn has developed a step-by-step plan review criterion so that every improvement plan is reviewed with a consistent checking process. Each development application is thoroughly reviewed, and the required engineering conditions of approval are prepared to comply with generally sound engineering and construction practice, and applicable City, County, State, and Federal standards, building codes, municipal code, ordinances, grading and drainage requirements.

WATER QUALITY AND NPDES

Our approach to designing the public works project's components are to preserve or improve water quality by utilizing latest technology available for Low Impact Development (LID) projects. The project team is very familiar with the Los Angeles County Public Works process and the National Pollutant Discharge Elimination System (NPDES) for storm drain review, and water quality requirements. Our comprehensive green street knowledge and experience will influence our stormwater design. Our proven green street and LID installations will inspire our design and help us deliver a practical and sustainable stormwater management system to the City.

EROSION CONTROL AND SWPPP

Kimley-Horn's professionals have extensive experience in the design of erosion control and water pollution control projects in Southern California and across the country. Our key staff have been responsible for planning and designing erosion control features, scour mitigation measures, flood control channels, and flood proofing of existing structures. Supported by strong technical investigations, the Kimley-Horn team provides design of erosion control features using a wide range of systems and approaches for levees, channels, embankments, and bridge abutments. As part of the engineering plan and/or environmental document review, Kimley-Horn's certified Qualified SWPPP Developer (QSD) engineers will provide the support to review the project's documents including the Water Quality Management Plan (WQMP), Storm Water Pollution Prevention (SWPPP) and Water Pollution Control Plan (WPCP).

SURVEYING AND MAPPING

Our team's expertise in mapping and surveying covers all aspects of field surveying, including boundary, aerial and topographic surveys as well as preparation of easement plats and parcel maps. We are adept at utilizing GIS systems to integrate project mapping data with spatial information to support the City in project decision making process. Our subconsultant, Calvada Surveying, Inc., brings extensive surveying capabilities to our team including; review for boundary and Right-of-Way surveys and mapping, final maps, easements, deeds, lot lines adjustments, and other related documents to support the City's staff.

STRUCTURAL ANALYSIS

Kimley-Horn's structural engineering team is capable of providing structural design and analysis for a range of major retaining structures, parking structures, roadway bridges, pedestrian bridges, to minor footings and foundations for traffic signals, roadway signs, and storm drain structures. Our structural engineers have extensive experience working with public agencies and are familiar with Cities' routine plan check process. This will help the City's staff to focus more in project management rather than design.

Bridge Replacement/Rehabilitation. As the infrastructure in the US continues to age, it is important to both maintain and replace aging structures. At Kimley-Horn, we understand what constitutes a bridge rehabilitation over a replacement.

This saves our clients' money that can be utilized on other projects that are necessary for their communities. When it is necessary to replace a structure due to its load rating, expected life, foundation deficiencies, or just overall poor condition our team collaborates with the agency staff to understand the needs of the community and projected projects in the area that may affect the requirement of the bridge. This may include the addition of bike paths, wider sidewalks, additional lanes due to increased traffic as a result of projected community growth, and utility requirements. This is important so that the new structure will meet the projected future needs of the community and not require additional action to correct deficiencies shortly after it opens.

Retaining Structures. Not only does Kimley-Horn perform bridge design we also specialize in retaining walls. There are many types of retaining walls that can be utilized that will perform the purpose needed by the city. The difficulty is knowing what retaining solution is best suited for the specific project. This will depend on the condition of the soil; whether the wall is in a cut or fill condition, does it have right-of-way constraints, what is it supporting, and is settlement of the supporting material acceptable? All of these elements and more must be evaluated to determine the suitable walls for your project. Kimley-Horn works with our project geotechnical engineer to identify subsurface challenges that may exist at project locations; with our civil partners to identify challenges with alignments; and our clients to identify visual requirements to identify the most suitable and cost effective retaining structure for our projects. We have designed cantilevered concrete retaining walls, ground anchor walls, soldier pile walls, and MSE walls.

STREET LIGHTING DESIGN

Kimley-Horn has lighting specialists who design and select light fixtures that are functionally appropriate for each project. Appropriate lighting—both aesthetically and functionally—can help to provide clarity of directional cues for autos, service providers, bicyclists, and pedestrians. The appropriate level of lighting in public spaces results in a fixture quantity, enhancing the overall design experience and recommendations and apply the results to the design layout whether it is a new installation or one trying to reuse existing poles and infrastructure. Kimley-Horn is also familiar with converting existing high pressure sodium and metal halide fixtures to energy efficient LED fixtures.

CONSTRUCTION AND BID SUPPORT

Our team is equipped with the latest construction management systems, and applications available in the industry. These tools are scalable and customized to best fit the City's project needs and budget, and to integrate with the City's way of doing business. From simple, time-tested forms and procedures to the state- of-the-art in construction management and web-based systems, our team will deliver small and large projects on-time and under budget while keeping the City up to date on a "real-time" basis. In addition to receiving the benefit of our design team's experience, our construction phase personnel can attend pre-construction conferences and regular project meetings, and provide review and approval of submittals, and all other activities required to achieve well-coordinated construction of proposed improvements.

WORKFORCE DEVELOPMENT

We understand that the City has embarked on a workforce development program and is integrating this program among its planning and capital initiatives program. As demonstrated, Kimley-Horn has fully supported these programs and will integrate this program into our task orders as much as possible to provide the next generation opportunities to grow and learn.

Workforce development is an essential component to cultivating quality talent who will make positive contributions to the community. The goal of the workforce development program within this project team is to provide multiple opportunities for students and community stakeholders to see and potentially

work on various parts of the projects. They will have the opportunity to provide meaningful input as the design takes shape. Opportunities for job shadowing and stakeholder meeting participation will be provided.

Kimley-Horn regularly reaches out and participates in local college career day and job fair events. We have also been involved in specific club and student chapter outreach events. We have a deep understanding of internships and first year college recruiting. We continue to take pride in our outreach and impact to our local communities and college campuses.

Kimley-Horn also participates in workforce development through the Kimley-Horn Foundation. It was established to foster volunteerism within the company. The primary goal of the Foundation is to give back to our communities where we live and work; and to support and encourage our employees to be active volunteers.

Here in the Southern California area, we've participated in the Women Transportation Seminar Orange County Transportation Academy for the last three summers. The program invited students of all majors and backgrounds to apply to the program and participate. The transportation industry encompasses a wide range of career options that also provide mentorship opportunities as well as networking experience with industry leaders. The Kimley-Horn team is committed to helping the City promote diversity and inclusion into the architectural, landscape architectural, engineering, and planning professions. Through our client relationships in the private sector with local and national developers, industry partners, and transit agency relationships, we can elevate the City's workforce development program.

METHODOLOGY AND WORK PLAN

PROVEN APPROACH TO ON-CALL CONTRACTS

Kimley-Horn provides on-call services to public agencies statewide and our staff is organized to address the needs of a wide range of projects—from focused transportation planning studies to complete environmental documents and PS&E packages. We know that being on-call means being available to promptly address agency requests as they arise. Our team understands how to work effectively and efficiently on smaller projects with limited scope and budget, and we can quickly compile an in-house team to meet the needs of any project.

Our approach to on-call contracts is based on developing a team-oriented approach to the project review process. Key characteristics that distinguish Kimley-Horn include:

- **Rapid mobilization of staff** for each agency request, including immediate identification of the key personnel and sub-consultants needed for each project. The availability of in-house planning, environmental and engineering staff provides efficiency and consistent quality of the technical analyses.
- **Ongoing communication and consultation** to address issues that arise during the project review process. The collaborative process maintains project progress and results in constructible and user- friendly design and legally-defensible documents.
- **Commitment of senior level management to the project** to provide close coordination with the City, for technical accuracy, and to carefully monitor budget and schedule compliance.
- **Responsiveness** to any significant issues of concern raised by responsible and regulatory agencies and the public.
- **Flexibility** to tailor our approach to meet the specific needs of each project and client.

Project Management - Single Point of Contact

We have extensive expertise and experience in all facets of municipal projects and are knowledgeable about federal, state, county, and municipal regulations. Kimley-Horn's project manager for this on-call, **Patrick Wong, CPD, QSD/P, ENV SP**, will serve as the primary point of contact, and will manage the team through the length of the contract. As previously noted, he has over 25 years of municipal engineering experience and has managed several projects with various cities in California. His experience includes design, planning, plan checking, and construction of roadways, transportation facilities, streetscape improvements, and underground utilities (water, sewer, and storm drains). Patrick leads the Kimley-Horn team to provide quality design, planning, and construction support services. He will oversee and review the engineering activities including engineering design, studies, investigations, peer review, surveying, and other related activities. He will be available to City staff to use reasonable professional effort for a timely response to service requests, including questions about budgets, invoices, and schedules. As an experienced project manager with work throughout California, Patrick has been responsible for the preparation of project design and bid documents for a broad range of public agency and private development projects. He is supported by staff with a depth of extensive local experience to provide project analysis, technical support, and design reviews.

Effective Communication

Communication between our design team and the City is critical to thoroughly understanding your vision and implementing the innovative and cost-effective solutions that our team is known for. Effective communication begins with listening to the City of Pico Rivera's ideas, concerns, and goals for its projects. Making certain that our team and your staff are on the same page throughout the course of each project will help avoid or mitigate potential problems or issues that may arise. In our experience, successful techniques include monthly progress development team meetings (PDT) and bi-weekly progress reports, regular conference calls to keep you abreast of critical issues, and ongoing electronic communications among all members of the project team, including e-mail and an internet ftp/ collaboration site dedicated to the project.

Team Organization

Our team organization chart illustrates our team members' roles and responsibilities, but our firm's culture has established open and clear lines of communication between our staff. Kimley-Horn principals and management committee members take an active, hands-on role in the firm's day-to-day operations to see that our corporate commitments are met to our clients' satisfaction. Because we strive to give clients a better experience, we don't get bogged down in internal processes like other firms. And we know that problem/task resolution is a critical element of management. Our approach is to "deal with it now" by making good basic decisions and seeking advice, as necessary, without allowing a problem to get out-of-hand due to indecision. Problems require immediate, and often senior staff-level, attention in order to be effectively addressed - there is no more effective or efficient means of doing so. Our firm also takes a proactive leadership role, where possible. A concerted effort is made to anticipate potential problems or negative impacts to operations and project development before these situations occur. These efforts allow us to make decisions which can preempt difficulties that hinder project development.

Resource Availability

We have carefully selected a key team of seasoned professionals that offer the high level of responsiveness you need in the short- and long-term duration of this contract, in terms of exceptional local understanding and support, and extensive experience in the disciplines you require. The depth of our staff in required areas of expertise and our familiarity with the needs of municipalities allows us to maximize our coordination efforts while integrating resources, adhering to project schedules, and effective budget management. With

these processes in place, we can meet the technical and staffing needs anticipated for this contract.

The individual members of our project team were selected using two criteria: (1) their experience with a wide range of municipal projects, and (2) their availability to assume major technical responsibilities within this contract timeframe. Kimley-Horn uses our cast-aheads, which is a proactive management system that details every project's personnel needs and also to determine each staff person's availability. By continuously matching project needs with staff availability, our cast-aheads system is an accurate tool for keeping our projects on schedule.

Responsiveness and Cost-Effective Solutions

Responsiveness is much more than proximity or distance from your office to the client's office. Responsiveness is providing the client with information on short notice. It's promptly returning phone calls. It's meeting the client's needs. And it's where Kimley-Horn excels.

We put our client's needs first. When you call, we will be there. Our senior regional leaders are aware of the City's needs and have made a commitment to programming our firm's resources to give your projects a high priority. We strongly believe that Kimley-Horn's continuing success rests on the strengths of its day-to-day management, vision for the firm, emphasis on quality, and responsiveness to you, our client.

We have worked with multiple public agencies on their on-call programs, so we understand importance of providing cost effective solutions in the early stages of design for the City's future projects. Over the last 57 years, the Kimley-Horn team has a proven record of performing on time and within budget. The key to our success in this area is managing the right resources at the right time. We emphasize project management using bi-monthly effort reports that give our project managers up-to-date staffing and expense information related to their projects. This information enables them to continuously monitor the status of project cost, cost control effectiveness, and schedule.

Project Cost Control

The Kimley-Horn team has an excellent track record of completing projects within or very close to established budgets. The ability to control project costs throughout the progress of work is the result of a strong commitment to do so, a thorough understanding of the project, and incorporation of this understanding into project design drawings. The ability to control costs requires many of the same actions and attitudes. Strong communications and use of experienced personnel are two effective cost control mechanisms. Other critical elements play a key role in meeting schedules and controlling costs:

- It is essential to develop a clear understanding of the project scope early in the process. A project budget is only as good as the clarity of the underlying scope. Be realistic from day one.
- The project team must be well-organized and exhibit good teamwork. Good communication is essential. A breakdown in communication can easily result in a failure in project control.

These fundamental principles apply to the entire project team and the design team's internal work effort. The strongest proof of Kimley-Horn's ability to meet schedules and manage project costs is our high percentage of repeat clients, approximately 90%.

Our Commitment to Quality

At Kimley-Horn, quality is essential to all phases of a project life- cycle, including inception, planning, design, construction, and operations. Kimley-Horn measures the success of our quality by the following metrics:

- **Client Satisfaction:** We conduct quality calls throughout the year to glean how we can do better.
- **Construction Change Orders:** We limit change orders by the quality and depth of our design package.
- **Construction Costs**: Because of our industry awareness and depth of services our engineers' opinion of costs land near construction bid costs.

- **Project Delivery:** We deliver within schedule and budget to achieve the above metrics. We actively implement our firm wide QC/QA policies and procedures on all of our projects.
- **Quality of Scope and Schedule:** Quality starts with a mutual understanding of project goals and deliverables. Our team includes technical experts who provide senior-level review of the scope of work, budget, and schedule before they are presented to the client.
- **Quality of Planning and Preliminary Engineering:** We listen and tailor our project to the requirements of the end user. Where applicable, we coordinate closely with the ultimate user throughout the life of the project. Our teams emphasize consensus building with the key project stakeholders early, to aid in development of the basis of the design. We utilize proven tools to help communicate and visually represent the end product, such as visual simulations, operational modeling software, material boards, and architectural renderings.
- **Design Quality:** The true test of the quality of a design occurs during construction of the project. Anything missing from the design or ambiguity on the plans or in the specifications is found by the contractor. Our goal is to minimize construction changes through a thorough and complete QC/QA process prior to and during the design. Kimley-Horn's quality control starts with experienced, proficient professionals who know how to implement innovative, cost-saving ideas and employ project management practices that have proven to be successful.
- **Project Construction Bids:** Kimley-Horn's quality control measures focus closely on construction estimates. Our team has extensive resources and recent experience that we combine with unit prices taken from recent similar projects to create our engineer's opinion of probable construction cost. The quality and accuracy of our estimates is the result of our early efforts to define basis of design assumptions and identify technical methods. Reviews by senior technical staff help maintain the quality of the estimate. We are proud of our success rate—our recently bid projects have consistently come in at or slightly below the engineer's estimate.

- **QC/QA Implementation:** The QC/QA plan that Kimley-Horn and its team members will follow in the execution of services prepared under this contract is currently being utilized successfully on our other local public contracts and includes the following six key elements:
  - **Structure:** Each QC/QA plan includes a project manager (responsible for the overall quality of the project), technical managers (engineers responsible for discipline design development), and a QC/QA manager (responsible for verifying that the QC/QA plan is being implemented and followed).
  - **Procedures:** Intra-disciplinary checking of documents will be performed by a competent individual within each discipline other than the designer. We have established a color-coded comment process that involves the following steps: an initial check (performed by the checker); a review of comments so that suggested changes to the documents are given adequate consideration and the resolution is documented (performed by the designer); a review that makes certain changes to the documents are completed in the original documents (performed by the designer); and finally, a review that makes certain changes to the documents are completed accurately (performed by the checker).
  - **Inter-Disciplinary Reviews:** Inter-disciplinary reviews and coordination are performed throughout the project and prior to key submittals, when senior staff from the various

discipline groups are brought together to discuss and comments on the interaction of the overall project elements.

- **Quality Assurance Audit:** The QC/QA manager will be responsible for conducting a quality assurance audit after completion of the checking and review process and prior to the submittal of any document or deliverable.
- **Deliverables and Document Control:** The project manager will manage the submission of design documents after the QC/QA audit is complete and at milestone completion dates.
- **Corrective Action Measures:** Corrective action measures will be taken if incorrect or nonconforming work is discovered in deliverable items that have already completed the QC/QA process.

Key Factors for Successful Project Delivery

- **Strong Relationships:** The Kimley-Horn team has developed relationships and trust with key decision makers at LA Metro, Los Angeles County, SCAG, Caltrans, utility agencies and local Cities which allow us to effectively communicate and build project consensus in a timely manner. In addition, we have long standing working relationships with our team members, and know how to work collaboratively as a team.
- **Involvement in Project Development:** For successful project delivery, it is critical that scopes are clearly defined so that both the City and Kimley-Horn project managers have the same project understanding and expectations at the start of a project. We strive to be on the same page with the agency project manager regarding expectations of work included in the project scope, including deliverables and schedule, before we submit our fee proposal.
- **Project Management Structure:** The project manager for each project is responsible for providing exceptional, proactive client service by maintaining overall control of the project delivery; managing the flow of information both internal to the project team and with the agency and key stakeholders; managing integration of our team members; maintaining adherence to budget and schedule; and being responsible for the quality control of final deliverables. Our project managers utilize a proven set of project control tools to proactively manage schedule, costs, resource needs, and minimize risks. The extensive management and design experience of our project managers will make certain that the Kimley-Horn team will be able to deliver the various types and sizes of projects likely to arise from this on-call contract.
- **Project Delivery Team Structure:** Our project-specific teams are structured to meet the complexities of the project and requirements of the scope and schedule. As we have established on our other local projects, each of our projects has a dedicated core team, who provide consistency from project initiation to closeout. In addition, we staff our projects from a pool of resources with specialty skills and technical abilities required by the project. Our position as a mid-sized firm contributes to our comfort with multi-disciplinary work. In larger firms, staff members might be expected to specialize in narrow discipline areas, while staff at smaller firms may not have experience required by large, multidiscipline projects.
- **Budget, Scope, and Schedule Adherence:** For each project, our project managers develop and execute a work plan which includes project scope, budget, and schedule so that the overall delivery of the project remains consistent with the expectations of the agency and stakeholders. Our advance work planning and constant coordination with key stakeholders has allowed us to deliver projects in short time frames using innovative methods.
- **Project Ownership:** Our project managers are successful because they are passionate about delivering key projects for their clients. Our people take pride in successful implementation and delivery.

F. CLIENT REFERENCES

Kimley-Horn is proud of our working relationship with our clients, and believe much of our success during the past 57 years is directly related to our efforts in performing high-quality, timely services. We are very proud of our dedication to proactive communication and client service. We have provided four references below for Kimley-Horn projects that took place within the past five years—we invite you to contact our clients and talk to them about our work history, quality of service, and if they would again select us for similar services.

City of Agoura Hills

Address: 30001 Ladyface Court, Agoura Hills CA 91301

Contact person and phone: Charmaine Yambao, Assistant Civil Engineer, 818.597.7360

Description of services and location: On-Call Civil and Traffic Engineering Services, Agoura Hills, CA

City of Artesia

Address: 18747 Clarkdale Avenue, Artesia CA 90701

Contact person and phone: Karen Lee, Special Projects Manager, 562.865.6262 ext. 234

Description of services and location: On-Call Civil and Traffic Engineering Services, Artesia, CA

City of Norwalk

Address: 12700 Norwalk Boulevard, Norwalk, CA 90650

Contact person and phone: Mario Mera, City Engineer, 562.929.5700

Description of services and location: On-Call Professional Engineering Services for Design, Project Management, and Construction Support Services, Norwalk, CA

LA Metro

Address: 1 Gateway Plaza, Los Angeles CA 90012

Contact person and phone: Kenyon Price, Transportation Planning, Program Management, 213.922.7446

Description of services and location: Metro Rail to Rail Active Transportation Corridor, Los Angeles, CA

San Gabriel Valley Council of Governments (SGVCOG)

Address: 1000 S. Fremont Avenue, Unit 42, Building A-10N, Suite 10-210, Alhambra, CA 91803

Contact person and phone: Roy Choi, Manager of Transportation, 626.373.2687

Description of services and location: SGVCOG Transit Study, Irwindale, CA

G. RIGHTS TO MATERIALS

Kimley-Horn acknowledges that all responses, inquiries, and correspondence relating to this RFP and all reports, charts, displays, schedules, exhibits, and other documentation produced by Kimley-Horn that are submitted as part of the Proposal and not withdrawn shall, upon receipt by CITY, become property of CITY.

H. SCHEDULE OF HOURLY RATES

Hourly rate sheets for Kimley-Horn and our subconsultants are provided on the following pages. Rates will remain fixed for the duration of the contract.

I. CONTRACT EXCEPTIONS

Kimley-Horn has reviewed the City's Appendix B Professional Services Agreement and would like to request the following modification as previously agreed upon.

5. CONSULTANT'S SERVICES

5.2 Consultant shall perform all work to the ~~**highest**~~ professional standards of Consultant's profession and in a manner reasonably satisfactory to City.

19. PERMITS AND APPROVALS

Consultant ~~**shall obtain, at its sole cost and expense**~~ **will assist the City in applying for**, all permits and regulatory approvals necessary in the performance of this Agreement. This includes, but shall not be limited to, encroachment permits and building and safety permits and inspections.

Kimley»Horn

Kimley-Horn and Associates, Inc.

Hourly Labor Rate Schedule

Classification	*Rate**
Analyst I	$135 - $190
Analyst II	$170 - $230
Professional	$215 - $265
Senior Professional I	$255 - $360
Senior Professional II	$355 - $450
Senior Technical Support	$120 - $320
Technical Support	$110 - $185
Support Staff	$90 - $160

*Rate ranges will remain fixed for the duration of the contract. Staff will bill at their classification at the time of the executed task order.

Internal Reimbursable Expenses will be charged at 5% of Labor Billings

External Reimbursable Expenses will be charged at 15% mark-up, or per the Contract

Sub-Consultants will be billed per the Contract

kimley-horn.com | 1100 W Town & Country Road, Suite 700, Orange, CA 92868 | 714-939-1030

arellano associates

5851 Pine Avenue, Suite A | Chino Hills, CA 91709
909.627.2974
arellanoassociates.com

Hourly Rates for Key Personnel

Classification	Hourly Rate
Project Manager	$221.03
Deputy Project Manager	$179.06

Subconsultant rates will remain fixed for the duration of the contract.

CAL VADA
SURVEYING INC

DVBE • MBE • SBE • CERTIFIED

PROFESSIONAL LAND SURVEYING

Rate Schedule (03/01/2024-03/31/2029)

Item Description	Unit	Unit Price
Field Support		
Field Survey Crew & Equipment (Prevailing Wage)*	Hour	$405.00
Round Trip Travel Time & Costs	Hour	$175.00
Office Support		
Principal	Hour	$285.00
Director Surveying/Professional Land Surveyor	Hour	$240.00
Senior Project Manager	Hour	$200.00
Project Surveyor	Hour	$190.00
GPS Post Processing	Hour	$175.00
Survey Technician	Hour	$170.00
Drafting/AutoCAD Technician	Hour	$135.00
Accounting / Clerical	Hour	$95.00
Miscellaneous Services		
Consultation in Connection with Litigation	Hour	$490.00
Overtime and Saturday Rates		
	Hour	1.5 times Hourly Rate

The hourly rates are good for 03/01/2024 through 03/31/2029.

*4 or 8 Hour Minimum

Subconsultant rates will remain fixed for the duration of the contract.

Armando D. DuPont, Professional Land Surveyor 7780

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DIAZ • YOURMAN
& ASSOCIATES

Geotechnical Services

DIAZ•YOURMAN & ASSOCIATES
Schedule of Charges – Valid March 2024 through March 2025

Professional Services	
Staff I	$177.00/hour
Staff II	202.00/hour
Project I	222.00/hour
Project II	243.00/hour
Senior	268.00/hour
Associate I	292.00/hour
Associate II	314.00/hour
Principal	349.00/hour
Support Services	
CADD	127.00/hour
Technical Editing	154.00/hour
Technician I	148.00/hour
Technician II	180.00/hour
Prevailing Wage Field Services	
Week Days (6 am to 5 pm)	205.00/hour
Weekday Overtime (first 4 hours)	243.00/hour
Week Nights (5 pm to 6 am), Saturdays (0 to 12 hours)	243.00/hour
Sundays, Holidays, Other Overtime	282.00/hour
Equipment	
Field Truck	23.00/hour
Nuclear Gauge	120.00/day
Manometer	71.00/day
Slope Inclinometer	79.00/day
Coring Machine	278.00/day
Outside direct costs such as drillers, laboratory testing, geophysical surveys, traffic control, equipment rental, outside services, printing, and copying	Cost + 15%

For non prevailing wage field services provided by a staff engineer during night time (7 pm to 7 am) a $160 surcharge/ per night and a minimum per visit charge of 4 hours will apply.

Contract personnel may be charged at the hourly rates listed above. Travel time will be charged at regular hourly rates.

Subconsultant rates will remain fixed for the duration of the contract.

PARAGON | 2024 SCHEDULE OF FEES

CLASSIFICATION	HOURLY RATE
PROJECT DIRECTOR/CORPORATE BROKER	$225.00
PROJECT MANAGER	$185.00
QA/QC MANAGER	$175.00
CALTRANS COMPLIANCE OFFICER	$165.00
PRINCIPAL ACQUISITION AGENT	$115.00
SENIOR ACQUISITION AGENT	$105.00
ACQUISITION AGENT	$85.00
RELOCATION MANAGER	$160.00
PRINCIPAL RELOCATION AGENT	$115.00
SENIOR RELOCATION AGENT	$105.00
RELOCATION AGENT	$85.00
TITLE MANAGER	$160.00
TITLE SUPERVISOR	$125.00
SENIOR TITLE AGENT	$105.00
TITLE AGENT	$85.00
PROJECT CONTROLS SPECIALIST	$95.00
PROJECT COORDINATOR/ESCROW COORDINATOR	$85.00
GIS MANAGER/SENIOR ROW ENGINEER	$135.00
GIS SPECIALIST	$105.00
RIGHT OF WAY ENGINEERING TECHNICIAN	$80.00
ADMINISTRATIVE SUPPORT	$65.00
OFFICE CLERK	$55.00
IT SUPPORT	$125.00
DEPOSITIONS AND COURT TESTIMONY	$300.00

DIRECT CHARGES			
REAL ESTATE DATA SERVICES	Cost + 10%	POSTAGE/FEDEX	Cost
MILEAGE	$0.67/mile*	SUBCONSULTANTS	Cost + 10%

**Or current IRS allowable*

TERMS OF PAYMENT

Net 30 days. Invoices will be submitted monthly. All rates are effective as of January 1, 2024. Rates may be revised annually on January 1 to reflect increases in the cost of living and current business conditions. Overtime for applicable labor classifications will be charged at 1.5 times the hourly rate in accordance with California law.

January 2024

Subconsultant rates will remain fixed for the duration of the contract.

APPENDIX C. NON-COLLUSION AFFIDAVIT

APPENDIX C
NON-COLLUSION AFFIDAVIT

The undersigned declares states and certifies that:

1. This Proposal is not made in the interest of, or on behalf of any undisclosed person, partnership, company, association, organization or corporation. This Proposal is genuine and not collusive or sham.

2. I have not directly or indirectly induced or solicited any other Proposer to put in a false or sham proposal and I have not directly or indirectly colluded, conspired, connived, or agreed with any other Proposer or anyone else to put in sham proposal or to refrain from submitting to this RFP.

3. I have not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the proposal price or to fix any overhead, profit or cost element of the proposal price or to secure any advantage against the City of Pico Rivera or of anyone interested in the proposed contract.

4. All statements contained in the Proposal and related documents are true.

5. I have not directly or indirectly submitted the proposal price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay any fee to any person, corporation, partnership, company, association, organization, RFP depository, or to any member or agent thereof to effectuate a collusive or sham proposal.

6. I have not entered into any arrangement or agreement with any City of Pico Rivera public officer in connection with this proposal.

7. I understand collusive bidding is a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards.

Signature of Authorized Representative

Darren J. Adrian, P.E.
Name of Authorized Representative

Senior Vice President, Kimley-Horn and Associates, Inc.
Title of Authorized Representative

CONTACT

Patrick Wong, CPD, CPSWQ, QSD/P, ENV SP

Patrick.Wong@kimley-horn.com
213.354.9952

660 South Figueroa Street, Suite 2050, Los Angeles, CA 90017

Kimley»Horn

Expect More. Experience Better.

www.kimley-horn.com

EXHIBIT B
APPROVED FEE SCHEDULE

(SCHEDULE OF HOURLY LABOR RATES AND REIMBURSABLE)

Kimley»Horn

Kimley-Horn and Associates, Inc.

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**Or current IRS allowable*

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January 2024

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EXHIBIT C
TERMS FOR COMPLIANCE WITH CALIFORNIA LABOR LAW REQUIREMENTS

1. This Agreement calls for services that, in whole or in part, constitute "public works" as defined in Division 2, Part 7, Chapter 1 (commencing with Section 1720) of the California Labor Code ("Chapter 1"). Further, Consultant acknowledges that this Agreement is subject to (a) Chapter 1 and (b) the rules and regulations established by the Department of Industrial Relations ("DIR") implementing such statutes. Therefore, as to those Services that are "public works", Consultant shall comply with and be bound by all the terms, rules and regulations described in 1(a) and 1(b) as though set forth in full herein.

2. California law requires the inclusion of specific Labor Code provisions in certain contracts. The inclusion of such specific provisions below, whether or not required by California law, does not alter the meaning or scope of Section 1 above.

3. Consultant shall be registered with the Department of Industrial Relations in accordance with California Labor Code Section 1725.5, and has provided proof of registration to City prior to the Effective Date of this Agreement. Consultant shall not perform work with any subconsultant that is not registered with DIR pursuant to Section 1725.5. Consultant and subconsultants shall maintain their registration with the DIR in effect throughout the duration of this Agreement. If the Consultant or any subconsultant ceases to be registered with DIR at any time during the duration of the project, Consultant shall immediately notify City.

4. Pursuant to Labor Code Section 1771.4, Consultant's Services are subject to compliance monitoring and enforcement by DIR. Consultant shall post job site notices, as prescribed by DIR regulations.

5. Pursuant to Labor Code Section 1773.2, copies of the prevailing rate of per diem wages for each craft, classification, or type of worker needed to perform the Agreement are on file at City Hall and will be made available to any interested party on request. Consultant acknowledges receipt of a copy of the DIR determination of such prevailing rate of per diem wages, and Consultant shall post such rates at each job site covered by this Agreement.

6. Consultant shall comply with and be bound by the provisions of Labor Code Sections 1774 and 1775 concerning the payment of prevailing rates of wages to workers and the penalties for failure to pay prevailing wages. The Consultant shall, as a penalty to City, forfeit $200.00 for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the DIR for the work or craft in which the worker is employed for any public work done pursuant to this Agreement by Consultant or by any subconsultant.

7. Consultant shall comply with and be bound by the provisions of Labor Code Section 1776, which requires Consultant and each subconsultant to: keep accurate payroll records and verify such records in writing under penalty of perjury, as specified

in Section 1776; certify and make such payroll records available for inspection as provided by Section 1776; and inform City of the location of the records.

8. Consultant shall comply with and be bound by the provisions of Labor Code seq. concerning the employment of apprentices on public works projects. Consultant shall be responsible for compliance with these aforementioned Sections for all apprenticeable occupations. Prior to commencing work under this Agreement, Consultant shall provide City with a copy of the information submitted to any applicable apprenticeship program. Within 60 days after concluding work pursuant to this Agreement, Consultant and each of its subconsultants shall submit to City a verified statement of the journeyman and apprentice hours performed under this Agreement.

9. The Consultant shall not perform Work with any Subconsultant that has been debarred or suspended pursuant to California Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. The Consultant and Subconsultants shall not be debarred or suspended throughout the duration of this Contract pursuant to Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. If the Consultant or any subconsultant becomes debarred or suspended during the duration of the project, the Consultant shall immediately notify City.

10. Consultant acknowledges that eight hours labor constitutes a legal day's work. Consultant shall comply with and be bound by Labor Code Section 1810. Consultant shall comply with and be bound by the provisions of Labor Code Section 1813 concerning penalties for workers who work excess hours. The Consultant shall, as a penalty to City, forfeit $25.00 for each worker employed in the performance of this Agreement by the Consultant or by any subconsultant for each calendar day during which such worker is required or permitted to work more than eight hours in any one calendar day and 40 hours in any one calendar week in violation of the provisions of Division 2, Part 7, Chapter 1, Article 3 of the Labor Code. Pursuant to Labor Code section 1815, work performed by employees of Consultant in excess of eight hours per day, and 40 hours during any one week shall be permitted upon public work upon compensation for all hours worked in excess of eight hours per day at not less than one and one-half times the basic rate of pay.

11. California Labor Code Sections 1860 and 3700 provide that every employer will be required to secure the payment of compensation to its employees. In accordance with the provisions of California Labor Code Section 1861, Consultant hereby certifies as follows:

> "I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract."

12. For every subconsultant who will perform work on the project, Consultant shall be responsible for such subconsultant's compliance with Chapter 1 and Labor Code Sections 1860 and 3700, and Consultant shall include in the written contract between it and each subconsultant a copy of those statutory provisions and a requirement that each subconsultant shall comply with those statutory provisions. Consultant shall be required to take all actions necessary to enforce such contractual provisions and ensure subconsultant's compliance, including without limitation, conducting a periodic review of the certified payroll records of the subconsultant and upon becoming aware of the failure of the subconsultant to pay his or her workers the specified prevailing rate of wages. Consultant shall diligently take corrective action to halt or rectify any failure.

13. To the maximum extent permitted by law, Consultant shall indemnify, hold harmless and defend (at Consultant's expense with counsel reasonably acceptable to City) City, its officials, officers, employees, agents and independent consultants serving in the role of City officials, and volunteers from and against any demand or claim for damages, compensation, fines, penalties or other amounts arising out of or incidental to any acts or omissions listed above by any person or entity (including Consultant, its subconsultants, and each of their officials, officers, employees and agents) in connection with any work undertaken or in connection with the Agreement, including without limitation the payment of all consequential damages, attorneys' fees, and other related costs and expenses. All duties of Consultant under this Section shall survive the termination of the Agreement.

AGREEMENT NO. _____
PROFESSIONAL SERVICES AGREEMENT
BETWEEN THE CITY OF PICO RIVERA AND
MARK THOMAS & COMPANY, INC.

1. IDENTIFICATION

THIS PROFESSIONAL SERVICES AGREEMENT ("Agreement") is entered into by and between the City of Pico Rivera, a California municipal corporation ("City") and Mark Thomas & Company, Inc., ("Consultant"). City and Consultant are sometimes hereinafter individually referred to as a "Party" and collectively referred to as "Parties."

2. RECITALS

2.1 City has determined that it requires professional services from a consultant to provide on-call engineering services.

2.2 Consultant represents that it is fully qualified to perform such professional services by virtue of its experience and the training, education and expertise of its principals and employees. Consultant further represents that it is willing to accept responsibility for performing such services in accordance with the terms and conditions set forth in this Agreement.

NOW, THEREFORE, for and in consideration of the performance by the Parties of the mutual covenants and conditions herein contained, the Parties hereto agree as follows:

3. DEFINITIONS

3.1 "Scope of Services": Such professional services as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "A" and incorporated herein by this reference.

3.2 "Approved Fee Schedule": Such compensation rates as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "B."

3.3 "Commencement Date" : April 23, 2024

3.4 "Expiration Date" : June 30, 2029

4. TERM

The term of this Agreement shall commence at 12:00 a.m. on the Commencement Date and shall expire at 11:59 p.m. on the Expiration Date unless extended by written agreement of the Parties or terminated in accordance with Section 22 below.

5. CONSULTANT'S SERVICES

5.1 Consultant shall perform the services identified in the Scope of Services. City shall have the right to request, in writing, changes in the Scope of Services. Any such changes mutually agreed upon by the Parties, and any corresponding increase or decrease in compensation, shall be incorporated by written amendment to this Agreement. In no event shall the total compensation and costs payable to Consultant under this Agreement exceed the sum of Two Million Five Hundred Thousand Dollars ($2,500,000.00), unless specifically approved in advance, in writing, by City.

5.2 Consultant shall perform all work to the highest professional standards of Consultant's profession and in a manner reasonably satisfactory to City.

6. COMPENSATION

6.1 City agrees to compensate Consultant for the services provided under this Agreement, and Consultant agrees to accept in full satisfaction for such services, payment in accordance with the Approved Fee Schedule.

6.2 Consultant shall submit to City an invoice, on a monthly basis or less frequently, for the services performed pursuant to this Agreement. Each invoice shall itemize the services rendered during the billing period and the amount due. Within ten (10) business days of receipt of each invoice, City shall notify Consultant in writing of any disputed amounts included on the invoice. Within thirty (30) calendar days of receipt of each invoice, City shall pay all undisputed amounts included on the invoice. City shall not withhold applicable taxes or other authorized deductions from payments made to Consultant.

6.3 Payments for any services requested in writing by City and not included in the Scope of Services shall be made to Consultant by City on a time-and-materials basis using Consultant's standard fee schedule. Fees for such additional services shall be paid within sixty (60) days of the date Consultant issues an invoice to City for such services.

7. BUSINESS LICENSE

Consultant shall obtain a City of Pico Rivera business license prior to commencing performance under this Agreement.

8. COMPLIANCE WITH LAWS

Consultant shall keep informed of State, Federal and Local laws, ordinances, codes and regulations that in any manner affect those employed by it or in any way affect the performance of its services pursuant to this Agreement. Consultant shall at all times comply with such laws, ordinances, codes and regulations. Without limiting the generality

of the foregoing, if Consultant is an out-of-state corporation or LLC, it must be qualified and registered to do business in the State of California pursuant to sections 2105 and 17708.02 of the California Corporations Code. The City, its officers and employees shall not be liable at law or in equity occasioned by failure of Consultant to comply with this Section.

9. CONFLICT OF INTEREST

Consultant covenants that it presently has no interest and shall not acquire any interest, direct or indirect, which may be affected by the services to be performed by Consultant under this Agreement, or which would conflict in any manner with the performance of its services hereunder. During the term of this Agreement, Consultant shall not perform any work for another person or entity for whom Consultant was not working at the Commencement Date of this Agreement if both: (i) such work would require Consultant to abstain from a decision under this Agreement pursuant to a conflict of interest statute; and (ii) City has not consented in writing prior to Consultant's performance of such work.

10. PERSONNEL

Consultant represents that it has, or will secure at its own expense, all personnel required to perform the services identified in the Scope of Services. All such services shall be performed by Consultant or under its supervision, and all personnel engaged in the work shall be qualified to perform such services. Consultant reserves the right to determine the assignment of its own employees to the performance of Consultant's services under this Agreement, but City reserves the right, for good cause, to require Consultant to exclude any employee from performing services on City's premises. Pat Somerville, Division Manager/Contract Manager, shall be Consultant's project administrator and shall have direct responsibility for management of Consultant's performance under this Agreement. No change shall be made to Consultant's project administrator without City's prior written consent.

11. OWNERSHIP OF WRITTEN PRODUCTS

All reports, documents or other written material ("written products") developed by Consultant in the performance of this Agreement shall be and remain the property of City without restriction or limitation upon its use or dissemination by City. Consultant may take and retain copies of such written products as desired, but no such written products shall be the subject of a copyright application by Consultant. If any state, federal, or local law requires mandatory copyright protection for Consultant's work product, City shall comply with such laws to the extent feasible.

12. INDEPENDENT CONTRACTOR

12.1 Consultant is, and shall at all times remain as to City, a wholly independent contractor. Consultant shall have no power to incur any debt, obligation, or liability on behalf of City or otherwise to act on behalf of City as an agent. Neither City nor any of its officers, employees or agents shall have control over the conduct of Consultant or any of Consultant's employees, except as set forth in this Agreement. Consultant shall not at any time represent that it is, or that any of its agents or employees are, in any manner employees of City.

12.2 The Parties further acknowledge and agree that nothing in this Agreement shall create or be construed to create a partnership, joint venture, employment relationship, joint-employer relationship, or any other relationship between Consultant or Consultant's employees except as set forth in this Agreement.

12.3 City shall have no direct or indirect control over Consultant's employees or sub-consultants with respect to wages, hours, and working conditions. In addition, City shall not deduct from the Compensation paid to Consultant any sums required for Social Security, withholding taxes, FICA, state disability insurance or any other federal, state or local tax or charge which may or may not be in effect or hereinafter enacted or required as a charge or withholding on the compensation paid to Consultant, Consultant's employees or subconsultants. City shall have no responsibility to provide Consultant, its employees or subconsultants with workers' compensation insurance or any other insurance.

12.4 The Parties further acknowledges the following: (i) that Consultant shall provide the services outlined in the Scope of Services directly to City; (ii) Consultant maintains a business location at the address listed under Section 20 that is separate and distinct from the City; (iii) Consultant contracts with other businesses to provide the same or similar services and maintains a clientele without restriction from the City; (iv) Consultant advertises and holds itself out to the public as available to provide the same or similar services; (v) unless otherwise specified in this Agreement, Consultant provides its own tools, vehicles, and equipment necessary for performing the Scope of Services; (vi) Consultant has proposed and negotiated its own rates; and (vii) consistent with the nature and demands of the project and the City's business hours, Consultant may set its own hours and location of work.

13. CONFIDENTIALITY

All data, documents, discussion, or other information developed or received by Consultant or provided for performance of this Agreement are deemed confidential and shall not be disclosed by Consultant without prior written consent by City. City shall grant such consent if disclosure is legally required. Upon request, all City data and any copies thereof shall be returned to City upon the termination or expiration of this Agreement.

14. NON-LIABILITY OF CITY OFFICIALS AND EMPLOYEES

No official or employee of the City shall be personally liable to Consultant in the event of any default or breach by City, or for any amount which may become due to Consultant.

15. INDEMNIFICATION

15.1 The Parties agree that City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers should, to the extent permitted by law, be fully protected from any loss, injury, damage, claim, lawsuit, cost, expense, attorneys' fees, litigation costs, or any other cost arising out of or in any way related to the performance of this Agreement. Accordingly, the provisions of this indemnity provision are intended by the Parties to be interpreted and construed to provide the fullest protection possible under the law to City. Consultant acknowledges that City would not enter into this Agreement in the absence of Consultant's commitment to indemnify and protect City as set forth herein. Notwithstanding the foregoing, to the extent Consultant's services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.2 To the full extent permitted by law, Consultant shall indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant or any of its officers, employees, servants, agents, or subconsultants in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees. Notwithstanding the foregoing, to the extent Consultant's Services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.3 City shall have the right to offset against the amount of any compensation due Consultant under this Agreement any amount due to City from Consultant as a result of Consultant's failure to pay City promptly any indemnification arising under this Section 15 or related to Consultant's failure to either: (i) pay taxes on amounts received pursuant to this Agreement or (ii) comply with applicable workers' compensation laws.

15.4 The obligations of Consultant under this Section 15 will not be limited by the provisions of any workers' compensation act or similar act. Consultant expressly waives

its statutory immunity under such statutes or laws as to City, its officers, agents, employees and volunteers.

15.5 Consultant agrees to obtain executed indemnity agreements with provisions identical to those set forth here in this Section 15 from each and every subconsultant or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. In the event Consultant fails to obtain such indemnity obligations from others as required herein, Consultant agrees to be fully responsible and indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant's subconsultants or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees.

15.6 City does not, and shall not, waive any rights that it may possess against Consultant because of the acceptance by City, or the deposit with City, of any insurance policy or certificate required pursuant to this Agreement. This hold harmless and indemnification provision shall apply regardless of whether or not any insurance policies are determined to be applicable to the claim, demand, damage, liability, loss, cost or expense.

15.7 **PERS ELIGIBILITY INDEMNITY.** In the event that Consultant or any employee, agent, or subconsultant of Consultant providing services under this Agreement claims or is determined by a court of competent jurisdiction or the California Public Employees Retirement System (PERS) to be eligible for enrollment in PERS as an employee of the City, Consultant shall indemnify, defend, and hold harmless City for the payment of any employee and/or employer contributions for PERS benefits on behalf of Consultant or its employees, agents, or subconsultants, as well as for the payment of any penalties and interest on such contributions, which would otherwise be the responsibility of City.

Notwithstanding any other agency, state or federal policy, rule, regulation, law or ordinance to the contrary, Consultant and any of its employees, agents, and subconsultants providing service under this Agreement shall not qualify for or become entitled to, and hereby agree to waive any claims to, any compensation, benefit, or any incident of employment by City, including but not limited to eligibility to enroll in PERS as an employee of City and entitlement to any contribution to be paid by City for employer contribution and/or employee contributions for PERS benefits.

16. INSURANCE

16.1 During the term of this Agreement, Consultant shall carry, maintain, and keep in full force and effect insurance against claims for death or injuries to persons or damages to property that may arise from or in connection with Consultant's performance of this Agreement. Such insurance shall be of the types and in the amounts as set forth below:

16.1.1 Comprehensive general liability, and Umbrella or Excess Liability Insurance covering all operations by or on behalf of Consultant providing insurance for bodily injury liability and property damage liability for the following and including coverage for:

16.1.1.1 Premises, operations, and mobile equipment

16.1.1.2 Products and completed operations

16.1.1.3 Broad form property damage (including completed operations)

16.1.1.4 Explosion, collapse, and underground hazards

16.1.1.5 Personal Injury

16.1.1.6 Contractual liability

in the amount of One Million Dollars ($1,000,000) per occurrence combined single limit; Two Million Dollars ($2,000,000) aggregate for products/completed operation; Two Million Dollars ($2,000,000) general aggregate (General aggregate must apply separately to Consultant's work under this Agreement.); and Five Million Dollars ($5,000,000) umbrella or excess liability.

16.1.2 Automobile Liability Insurance for owned, hired and non-owned vehicles utilized by Consultant, its employees or subconsultants, in the amount of One Million Dollars ($1,000,000) per accident for bodily injury and property damage.

16.1.3 Worker's Compensation Insurance as required by the laws of the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than One Million Dollars ($1,000,000) per accident for bodily injury or disease.

16.1.4 Professional Liability Insurance against errors and omissions in the performance of the work under this Agreement with coverage limits of not less than One Million Dollars ($1,000,000) per occurrence of claim/ Two Million Dollars ($2,000,000) in the aggregate.

16.2 Consultant shall require each of its subconsultants, if any, to maintain insurance coverage that meets all of the requirements of this Agreement.

16.3 The policy or policies required by this Agreement shall be issued by an insurer admitted in the State of California and with a rating of at least A:VII in the latest edition of Best's Insurance Guide.

16.4 Consultant agrees that if it does not keep the aforesaid insurance in full force and effect City may either: (i) immediately terminate this Agreement; or (ii) take out the necessary insurance and pay, at Consultant's expense, the premium thereon.

16.5 At all times during the term of this Agreement, Consultant shall maintain on file with City's Risk Manager a certificate or certificates of insurance showing that the aforesaid policies are in effect in the required amounts and, for the general liability and automobile liability policies, naming the City as an additional insured. Consultant shall, prior to commencement of work under this Agreement, file with City's Risk Manager such certificate(s).

16.6 Consultant shall provide proof that policies of insurance required herein expiring during the term of this Agreement have been renewed or replaced with other policies providing at least the same coverage. Consultant shall provide such proof to City at least two weeks prior to the expiration of the coverages.

16.7 The general liability and automobile policies of insurance required by this Agreement shall contain an endorsement naming City, its officers, employees, agents and volunteers as additional insureds. All of the policies required under this Agreement shall contain an endorsement providing that the policies cannot be canceled or reduced except on thirty days' prior written notice to City. Consultant agrees to require its insurer to modify the certificates of insurance to delete any exculpatory wording stating that failure of the insurer to mail written notice of cancellation imposes no obligation, and to delete the word "endeavor" with regard to any notice provisions.

16.8 The general liability and automobile policies of insurance provided by Consultant shall be primary to any coverage available to City. Any insurance or self-insurance maintained by City, its officers, employees, agents or volunteers, shall be in excess of Consultant's insurance and shall not contribute with it.

16.9 All insurance coverage provided pursuant to this Agreement shall not prohibit Consultant, and Consultant's employees, agents or subconsultants, from waiving the right of subrogation prior to a loss. Consultant hereby waives all rights of subrogation against the City.

16.10 Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of City, Consultant shall either reduce or eliminate the deductibles or self-insured retentions with respect to City, or Consultant shall procure a bond guaranteeing payment of losses and expenses.

16.11 Procurement of insurance by Consultant shall not be construed as a limitation of Consultant's liability or as full performance of Consultant's duties to indemnify, hold harmless and defend under Section 15 of this Agreement.

16.12 If Consultant maintains broader coverage and/or higher limits than the minimums shown above, the City requires and shall be entitled to the broader coverage and/or the higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

17. MUTUAL COOPERATION

17.1 City shall provide Consultant with all pertinent data, documents and other requested information as is reasonably available to City for the proper performance of Consultant's services under this Agreement.

17.2 In the event any claim or action is brought against City relating to Consultant's performance in connection with this Agreement, Consultant shall render any reasonable assistance that City may require.

18. RECORDS AND INSPECTIONS

Consultant shall maintain full and accurate records with respect to all matters covered under this Agreement for a period of three years after the expiration or termination of this Agreement. City shall have the right to access and examine such records, without charge, during normal business hours. City shall further have the right to audit such records, to make transcripts therefrom and to inspect all program data, documents, proceedings, and activities.

19. PERMITS AND APPROVALS

Consultant shall obtain, at its sole cost and expense, all permits and regulatory approvals necessary in the performance of this Agreement. This includes, but shall not be limited to, encroachment permits and building and safety permits and inspections.

20. NOTICES

Any notices, bills, invoices, or reports required by this Agreement shall be deemed received on: (i) the day of delivery if delivered by hand, facsimile, email, or overnight courier service during Consultant's and City's regular business hours; or (ii) on the third business day following deposit in the United States mail if delivered by mail, postage prepaid, to the addresses listed below (or to such other addresses as the Parties may, from time to time, designate in writing).

If to City:

Steve Carmona, City Manager
City of Pico Rivera
PO Box 1016
6615 Passons Blvd.
Pico Rivera, California 90660-1016

If to Consultant:

Pat Somerville, Division Manager/Contract Manager,
Mark Thomas & Company, Inc.
2121 Alton Pkwy, Suite 210
Irvine, CA 92606

With a courtesy copy to:

Arnold M. Alvarez-Glasman, City Attorney
13181 Crossroads Parkway North
Suite 400 - West Tower
City of Industry, CA 91746

21. SURVIVING COVENANTS

The Parties agree that the covenants contained in Sections 13, 15 and Paragraph 17.2 of Section 17, of this Agreement shall survive the expiration or termination of this Agreement.

22. TERMINATION

22.1 City shall have the right to terminate this Agreement for any reason on five (5) calendar days' written notice to Consultant. Consultant shall have the right to terminate this Agreement for any reason on sixty (60) calendar days' written notice to City. The effective date of termination shall be upon the date specified in the notice of termination. Consultant agrees that in the event of such termination, City's obligation to pay Consultant shall be limited to payment only for those services satisfactorily rendered, as solely determined by the City, prior to the effective date of termination. Consultant agrees to cease all work under this Agreement on or before the effective date of any notice of termination. All City data, documents, objects, materials or other tangible things shall be returned to City upon the termination or expiration of this Agreement.

22.2 If City terminates this Agreement due to no fault or failure of performance by Consultant, then Consultant shall be paid based on the work satisfactorily performed, as solely determined by the City, at the time of termination. In no event shall Consultant be entitled to receive more than the amount that would be paid to Consultant for the full performance of the services required by this Agreement.

23. ASSIGNMENT

Consultant shall not delegate, transfer, subcontract or assign its duties or rights hereunder, either in whole or in part, without City's prior written consent, and any attempt to do so shall be void and of no effect. City shall not be obligated or liable under this Agreement to any Party other than Consultant.

24. NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY

24.1 In the performance of this Agreement, Consultant shall not discriminate against any employee, subconsultant, or employment applicant because of race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation. Consultant will take affirmative action to ensure that subconsultants, employees, and employment applicants are treated without regard to their race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.2 Consultant will, in all solicitations or advertisements for employees placed by or on behalf of Consultant state either that it is an equal opportunity employer or that all qualified applicants will receive consideration for employment without regard to race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.3 Consultant will cause the foregoing provisions to be inserted in all subcontracts for any work covered by this Agreement except contracts or subcontracts for standard commercial supplies or raw materials.

25. WARRANTIES

25.1 Each Party has received independent legal advice from its attorneys with respect to the advisability of entering into and executing this Agreement, or been provided with an opportunity to receive independent legal advice and has freely and voluntarily waived and relinquished the right to do so. Each Party who has not obtained independent counsel acknowledges that the failure to have independent legal counsel will not excuse such Party's failure to perform under this Agreement.

25.2 In executing this Agreement, each Party has carefully read this Agreement, knows the contents thereof, and has relied solely on the statements expressly set forth herein and has placed no reliance whatsoever on any statement, representation, or promise of any other party, or any other person or entity, not expressly set forth herein, nor upon the failure of any other party or any other person or entity to make any statement, representation or disclosure of any matter whatsoever.

25.3 It is agreed that each Party has the full right and authority to enter into this Agreement, and that the person executing this Agreement on behalf of either Party has

the full right and authority to fully commit and bind such Party to the provisions of this Agreement.

26. CAPTIONS

26.1 The captions appearing at the commencement of the sections hereof, and in any paragraph thereof, are descriptive only and for convenience in reference to this Agreement. Should there be any conflict between such heading, and the section or paragraph thereof at the head of which it appears, the section or paragraph thereof, as the case may be, and not such heading, shall control and govern in the construction of this Agreement.

26.2 Masculine or feminine pronouns shall be substituted for the neuter form and vice versa, and the plural shall be substituted for the singular form and vice versa, in any place or places herein in which the context requires such substitution(s).

27. NON-WAIVER

27.1 The waiver by City or Consultant of any breach of any term, covenant or condition herein contained shall not be deemed to be a waiver of such term, covenant or condition or of any subsequent breach of the same or any other term, covenant or condition herein contained. In no event shall the making by City of any payment to Consultant constitute or be construed as a waiver by City of any breach of covenant, or any default which may then exist on the part of Consultant, and the making of any such payment by City shall in no way impair or prejudice any right or remedy available to City with regard to such breach or default. No term, covenant or condition of this Agreement shall be deemed to have been waived by City or Consultant unless in writing.

27.2 Each right, power and remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise shall be cumulative and shall be in addition to every other right, power, or remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise. The exercise, the commencement of the exercise, or the forbearance of the exercise by any Party of any one or more of such rights, powers or remedies shall not preclude the simultaneous or later exercise by such Party of any of all of such other rights, powers or remedies.

27.3 Consultant shall not be liable for any failure to perform if Consultant presents acceptable evidence, in City's sole judgment, that such failure was due to causes beyond the control and without the fault or negligence of Consultant.

28. COURT COSTS AND ATTORNEY FEES

In the event legal action shall be necessary to enforce any term, covenant or condition herein contained, the Party prevailing in such action, whether reduced to

judgment or not, shall be entitled to its reasonable court costs, including accountants' fees and expert witness fees, if any, and attorneys' fees expended in such action. The venue for any litigation shall be Los Angeles County, California.

29. SEVERABILITY

If any term or provision of this Agreement or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable, then such term or provision shall be amended to, and solely to, the extent necessary to cure such invalidity or unenforceability, and in its amended form shall be enforceable. In such event, the remainder of this Agreement, or the application of such term or provision to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby, and each term and provision of this Agreement shall be valid and be enforced to the fullest extent permitted by law.

30. GOVERNING LAW

This Agreement shall be governed and construed in accordance with the laws of the State of California.

31. COUNTERPARTS

This Agreement may be signed in any one or more counterparts all of which taken together shall be but one and the same Agreement. Any signed copy of this Agreement or of any other document or agreement referred to herein, or copy or counterpart thereof, delivered by facsimile or email transmission, shall for all purposes be treated as if it were delivered containing an original manual signature of the Party whose signature appears in the facsimile or email and shall be binding upon such Party in the same manner as though an originally signed copy had been delivered.

32. ENTIRE AGREEMENT

All documents referenced as exhibits in this Agreement are hereby incorporated in this Agreement. In the event of any material discrepancy between the express provisions of this Agreement and the provisions of any document incorporated herein by reference, the provisions of this Agreement shall prevail. This instrument contains the entire Agreement between City and Consultant with respect to the transactions contemplated herein. No other prior oral or written agreements are binding upon the Parties. Amendments hereto or deviations herefrom shall be effective and binding only if made in writing and executed by City and Consultant.

TO EFFECTUATE THIS AGREEMENT, the Parties have caused their duly authorized representatives to execute this Agreement on the dates set forth below.

"CITY" CITY OF PICO RIVERA	"CONSULTANT" MARK THOMAS & COMPANY, INC.
_____ Andrew C. Lara, Mayor	_____ Pat Somerville, Division Manager/Contract Manager,
Dated: _____	Dated: _____
ATTEST:	**APPROVED AS TO FORM:**
_____ Cynthia Ayala, City Clerk	_____ Arnold M. Alvarez-Glasman, City Attorney

EXHIBIT A
SCOPE OF SERVICES

PROPOSAL

SUBMISSION DATE

FEBRUARY 14, 2024

PROJECT

ON-CALL ENGINEERING SERVICES

PREPARED FOR

City of Pico Rivera

MARK THOMAS

MARK THOMAS

February 14, 2024

Noe Negrete, PE, Director of Public Works
City of Pico Rivera
6615 Passons Blvd.
Pico Rivera, CA 90670-3658

Dear Mr. Negrete:

The City of Pico Rivera (City) is seeking consultants to provide On-Call Engineering Services for the planning and engineering design for a variety of projects. The Mark Thomas team is ideally suited to deliver the upcoming tasks under the on-call. We are a recognized industry leader in the planning, design, and management of transportation mobility, and public works projects. We have delivered hundreds of civil engineering projects ranging from the planning phase and conceptual design phase through the final design and construction phases.

For more than 97 years, Mark Thomas (FEIN 94-1451490) has had extensive experience providing a wide range of civil and structural engineering, landscape architecture, and surveying services for infrastructure projects throughout California. Our firm focuses on client satisfaction by providing proactive service and the delivery of task orders on schedule and within budget. We offer the City key benefits including:

Project Manager with the Right Experience. Our team will be led by Pat Somerville, PE, as project manager. Pat started his career with the City of Fullerton and has over 38 years of experience managing and delivering projects for public works agencies throughout Southern California. His vast experience encompasses projects similar to the City's, including roadway pavement rehabilitation, streetscape, rail/transit facilities, active transportation and complete streets. As a former public sector employee, Pat brings in-depth knowledge of local agency policy and procedures and will work with the City to produce efficient and cost-effective solutions on each task order assigned to Mark Thomas under this on-call.

Successful On-Call Task Order Management. The Mark Thomas staff is highly familiar with the management of on-call contracts and the execution of various, and often concurrent, task orders. We have recently or are currently managing on-call contracts for over a dozen agencies throughout Southern California. Our approach to providing successful on-call services is characterized by carefully listening to our clients' needs and goals, proactive communication, and being highly responsive. Under Pat's leadership, the City can be assured that each task order will be executed on time, within budget, and with exceptional quality.

Strong and Dedicated Project Team. Pat will be supported by a full team of technical staff and subject matter experts who were selected because of their abilities to manage the variety of anticipated projects. We provide key personnel that have worked in the public sector, who know and understand what's required to make a project successful. In addition to our in-house staff we have a strong group of subconsultants supporting our team. These well-qualified firms have been selected based on the strong working relationships we hold, and their extensive experience working within the Southern California region. Provided on the following page is their firm name and contact information:

COMPANY NAME/ ROLE	CONTACT PERSON/ADDRESS
LIN Consulting, Inc. *Traffic*	Ray Kommidi, Senior Project Manager 21660 Copley Dr. Suite 270, Diamond Bar, CA 91765 | ☎ (714) 726- 8960
Cordoba Corporation *Transit*	Terry Nash, Senior Vice President 1401 North Broadway, Los Angeles, California 90012 | ☎ (480) 262-5994
Monument *Right of Way*	BJ Swanner Senior Project Manager 200 Spectrum Center Suite 300, Irvine, CA 92618 | ☎ (310) 318-4558
GPA Consulting *Environmental*	Ryan Todaro, Principal 840 Apollo Street, Suite 312, El Segundo, CA 90245 | ☎ (310) 792-2690 ext. 107
Earth Mechanics, Inc. *Geotechnical*	Alahesh Thurairajah, PE, GE, BC. GE, Principal 17800 Newhope Street, Suite B, Fountain Valley, CA 92708 | ☎ (714) 751-3826
BOA Architects *Architecture*	Edward Lok Ng, Architect 1511 Cota Avenue, Long Beach, CA 90813 | ☎ (562) 912-7900

With our successful history delivering on-call projects, and with the experience of our team and subconsultants, we are uniquely qualified to develop and deliver the City's projects over the life of this contract. The project will be managed from our office located at 2121 Alton Parkway, Suite 210, Irvine, CA 92606. Pat Somerville will oversee the services and be the City's primary contact. He can be reached at (714) 815-5222 or psomerville@markthomas.com.

As a division manager of Mark Thomas, I am authorized to negotiate and contractually bind the firm. This proposal will remain valid for a period of not less than 90 days from the date of submittal, and we acknowledge that we are obligated by all addenda to this RFP. We have included our contract comments for the City's consideration. We do not have any existing or potential conflict of interest that could arise from this engagement. By submitting our proposal, we attest that all information submitted is true and correct.

We are excited to partner with the City in delivering task orders that benefit your community.

Sincerely,
MARK THOMAS & COMPANY, INC.

Pat Somerville, PE
Division Manager + Contract Manager

PROPOSED CONTRACT EXCEPTIONS

Mark Thomas has reviewed the City's Professional Services Agreement. If selected to work on this project, we respectfully request the following modifications. Additions are included in red text and deletions are included in ~~strikethrough~~. Request to revise language as follows:

SECTION 5 - CONSULTANT'S SERVICES

5.2 – ~~Consultant shall perform all work to the highest professional standards of Consultant's profession and in a manner reasonably satisfactory to City.~~ In providing services under this Agreement, Consultants shall perform, consistent with but limited to, that degree of skill and care ordinarily used by other members of Consultants profession, practicing in the same or similar locality and under similar circumstances. Consultant makes no warranties, guarantees, express or implied under this Agreement or otherwise in connection with connection with consultant's services.

SECTION 11 - OWNERSHIP OF WRITTEN PRODUCTS

All final professional work product including reports, documents or other written material ("written products") developed by Consultant in the performance of this Agreement shall be and remain the property of City without restriction or limitation upon its use or dissemination by City. Any reuse by City for another project or project location shall be at City's sole risk.

SECTION 15 - INDEMNIFICATION

15.1 The Parties agree that City, its officers, ~~agents,~~ elected and appointed officials, employees, ~~affiliated public agencies and volunteers should~~, to the extent permitted by law, be held harmless ~~fully protected~~ from any loss, injury, damage, claim, lawsuit, cost, expense, ~~attorneys' fees, litigation costs, or any other cost arising out of or in any way related to~~ directly related to the performance of this Agreement. Accordingly, the provisions of this indemnity provision are intended by the Parties to be interpreted and construed to provide the fullest protection possible under the law to City. Consultant acknowledges that City would not enter into this Agreement in the absence of Consultant's commitment to indemnify and protect City as set forth herein. Notwithstanding the foregoing, to the extent Consultant's services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims actually caused by ~~that arise out of, pertain to, or relate to~~ the negligence, recklessness, or willful misconduct of the Consultant.

15.2 To the full extent permitted by law, Consultant shall indemnify, hold harmless ~~and~~ but not defend City, its officers, ~~agents~~, elected and appointed officials, employees, ~~affiliated public agencies and volunteers~~ from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting but only to the extent caused by ~~from or arising out of any alleged~~ intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant or any of its officers, employees, servants, agents, or subconsultants in the performance of this Agreement. ~~Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees.~~ Notwithstanding the foregoing, to the extent Consultant's Services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code

Section 2782.8, liability for damages caused by ~~to claims that arise out of, pertain to, or relate to~~ the negligence, recklessness, or willful misconduct of the Consultant. Consultant has no obligation to provide an immediate defense or to pay for any of the indemnities defense related cost prior to a final determination of liability or to pay any amount that exceeds Consultant's final determined percentage of liability based upon the comparative fault of Consultant.

15.4 Delete Section

15.5 Consultant agrees to obtain executed indemnity agreements with provisions identical to those set forth here in this Section 15 from each and every subconsultant or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. In the event Consultant fails to obtain such indemnity obligations from others as required herein, Consultant agrees to be ~~fully responsible~~ responsible as provided above. ~~and indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant's subconsultants or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees.~~

15.6 Delete Section

15.7 Delete Section

28. ~~COURT COSTS AND ATTORNEY FEES~~ Dispute Resolution

~~In the event legal action shall be necessary to enforce any term, covenant or condition herein contained, the Party prevailing in such action, whether reduced to judgment or not, shall be entitled to its reasonable court costs, including accountants' fees and expert witness fees, if any, and attorneys' fees expended in such action. The venue for any litigation shall be Los Angeles County, California.~~

In the event of any dispute between the Parties related to this Agreement or this Project, the Parties agree to first negotiate in good faith toward a resolution with participation by representatives of each Party holding sufficient authority to resolve the dispute. If such dispute cannot be resolved in this manner, before any action or litigation is initiated other than as required to secure lien rights, the dispute shall be submitted to mediation using the American Arbitration Association or another mediator as mutually selected by the Parties. Such mediation shall be completed within a reasonable period of time following either Party's written demand with each Party to bear an equal share of the mediation fees and its own respective attorney and Contractor fees and costs.

B. QUALIFICATIONS OF FIRM

ABOUT MARK THOMAS

Mark Thomas is a recognized industry leader in the planning, design, and management of infrastructure and parks projects. Mark Thomas is a California corporation specializing in transportation engineering and planning, We have provided a full range of transportation services to public agency and municipal clients in Southern California, from active transportation planning, grant funding support, roadway engineering, highway interchange design, structural engineering, traffic calming, drainage design, landscape architecture, transit facility design, and more.

With over 90 professionals in Southern California and 380+ statewide, our firm has the experience, knowledge and the resources to provide support to the City for the projects anticipated in this on-call contract. Provided below are the number, size, and location of our offices:

- SAN JOSE (CORPORATE)
  - » Size: 31
- CUPERTINO
  - » Size: 27
- FRESNO
  - » Size: 18
- IRVINE
  - » Size: 57
- OAKLAND
  - » Size: 17
- ROSEVILLE
  - » Size: 17
- LAKEWOOD
  - » Size: 6
- SACRAMENTO
  - » Size: 130
- INLAND EMPIRE
  - » Size: 29
- WALNUT CREEK
  - » Size: 42

1927
year founded

CA
corporation

380+
employees

10
offices statewide

>6K
projects delivered

#9
ENR top CA transportation firm

SERVICES PROVIDED

- » Roadway Improvements
- » Complete Streets
- » Active Transportation
- » Traffic Engineering
- » Bridges & Structures
- » ADA Compliance
- » Utility Coordination
- » Rail/Transit
- » Storm Drain
- » Landscape Architecture
- » Sanitary Sewer
- » Survey & Mapping
- » Right of Way Engineering
- » Funding

Mark Thomas has been a reliable partner to Southern California agencies and currently works closely with numerous cities and counties within the Los Angeles and Orange County region providing on-call services; including the cities of Montebello, Norwalk, Anaheim, La Mirada, Irvine, Fullerton, Santa Ana, and Irvine; the counties of Orange, Riverside and San Bernardino; and program management services to the City of Corona, City of Inglewood, and Los Angeles World Airports.

KEY BENEFITS OF THE MARK THOMAS TEAM

In-House Planning and Design Expertise

Mark Thomas has the unique in-house combination of transportation planning and design services. Our transportation planning and design disciplines are supported by numerous other disciplines in-house, so while subconsultant partners are a value-add to our team structure, we have the unique capability of performing most tasks without the need to outsource. This experience allows us to develop mobility solutions that are feasible, implementable, and have realistic budgets.

On-Call Experience

Our team of accomplished staff have delivered numerous task orders with a wide range of scopes of work with varied schedules. Whether working on behalf of municipal clients or public agencies, Pat is experienced at advancing multiple efforts concurrently.

Tailored Approach

We tailor our approach to the needs of each task order, attending to the particular challenges, constraints, budget and schedule. We understand how to accommodate the unique needs of each site, and our approach allows us to develop context sensitive designs that address community needs and avoid a "one size fits all" approach.

Public Agency Experience

Pat and our support team are well-practiced at serving local agencies throughout California. **We have multiple former public employees on staff that bring a thorough understanding of public policies and procedures.** We have bid thousands of projects throughout the State and are fully aware of these governing procedures, requirements and laws. This not only includes support of our design documents, but also in a construction management role. We are accustomed to working in various capacities for public agencies and operate as a true extension of their staff.

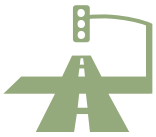
Multimodal Improvements on Bayside Drive, Newport Beach

AREAS OF EXPERTISE

Mark Thomas' areas of expertise are well-matched to meet the City's needs. **We possess strong in-house resources** and we have the technical capabilities to provide specialized services to efficiently deliver various types of projects that may arise from this on-call contract. Below are examples of our areas of expertise.

Roadway Improvements

Mark Thomas is recognized as an industry leader in the planning, design, and delivery of roadway and highway improvement projects. Our experience spans from localized widening projects, gap closures, rehabilitation and intersection improvements, to grade separations and arterial reconstructions, as well as Caltrans highway widening and interchanges. We have the expertise to deliver both small localized projects as well as complex highway improvements. We are knowledgeable of local agency design standards, the Standard Plans and Specifications for Public Works Construction (Greenbook), the Caltrans Highway Design Manual (HDM), and the AASHTO. We offer a solid group of experienced professionals in all phases of project delivery, including planning documents, preliminary engineering, and final plans, specifications, and estimates (PS&E).



Traffic Engineering and Transportation Planning

Our team includes recognized experts who have delivered traffic engineering and transportation planning projects for clients throughout Southern California. Our services include working with staff and stakeholders to address residential traffic management concerns, interacting directly with homeowners and their representative associations, commissioners, elected officials and business owners. Our team has extensive experience with transportation planning studies related to system improvements and land development projects. We have worked with many cities to refine their traffic system signal operations and implement traffic calming designs into local roadway reconfigurations and widenings.

Complete Streets/Active Transportation/Trails

Mark Thomas is a statewide leader with extensive experience planning and designing complete streets, active transportation corridors and paths and trails for bicycles and pedestrians to connect to key destinations including schools, housing, employment, commercial centers, and other recreational facilities. We have developed the knowledge and expertise essential to designing improvements that facilitate access, connectivity, and safety for all modes of travel. Our complete streets projects ultimately facilitate the growth of local businesses and developments while accommodating design elements that appeal to both vehicles and pedestrians. Our designs incorporate National Association of City Transportation Officials (NACTO) and other Complete Streets guidelines, as well as nationwide best practices and innovations.

ADA Compliance and Design

Mark Thomas excels at integrating ADA compliant practices into all types of roadway, parks, parking lots, and other facilities. We have assisted many local municipalities and even Caltrans in analyzing and achieving ADA compliance. This includes all aspects of design including curb ramps, slopes, and path of travel. Providing detailed elevations and slopes for all grade breaks and critical points is key to eliminating any misinterpretations of the standard plan by the contractor during construction and allowing enough room to accommodate traditional construction tolerances. Our experience will be invaluable in assessing and prioritizing ADA requirements in any task order, a critical element for any project.

Drainage/Stormwater

We are experienced in the analysis and design of stormwater and drainage facilities. Our task leads have successfully completed numerous projects involving the preparation of hydraulic and hydrology analysis and reports for creeks and pipelines, bridge scour analysis, erosion control plans, and Water Quality Management Plan (WQMP) implementation plans, including drainage/ Low Impact Development (LID) improvements. We are capable of designing a wide variety of drainage facilities that include storm drain inlets, storm drain lines, drainage ditches, flood channel grading and modifications, flood control structures, and complex filter systems.

Bridge/Structure Design

Mark Thomas has extensive experience delivering structural design for transportation, flood control, and bridge projects. This includes the design of new bridges, bridge replacements and rehabilitations, retaining walls, soundwalls, flood walls, water/wastewater structures, and other structures. Our retaining wall design experience encompasses standard cantilever retaining walls through more complex systems like MSE walls and tieback walls. We are knowledgeable of the Caltrans Bridge Design Manual and Standards, as well as AASHTO Load and Resistance Factor Design Standards.

Survey/Right of Way

Mark Thomas provides a full range of surveying services that include right of way retracement surveys, legal descriptions, plats and deeds, and we provide support with lot line adjustments or boundary line adjustments. We also have extensive experience providing surveying services to suit all phases of projects from project planning topographic base information for construction documents, up to and including layout and support for construction activities.

Landscape Architecture

Mark Thomas offers landscape architecture and urban design services with an integrated and comprehensive planning and design suite of services. Focusing on site-responsive design with the goal of providing specific community improvements, yields a successful project. We have the flexibility to deliver a range of projects such as a detailed complete street planning, streetscape and green street designs, median and gateway enhancements, landscape master plans, parks, and trail designs. The focus on public infrastructure projects allows our team to understand the regulatory environment and local preferences for landscape and aesthetic design, and to implement these improvements while meeting limited capital budget.

Transit Facilities

Mark Thomas brings the City experience in developing the interface between transit systems, including bus, bus rapid transit (BRT), light rail transit (LRT) and streetcar, and city streets. This experience includes the user experience of boarding or crossing the facility, development of stops and stations and corridor-wide transit improvements that enhance the community. We have also provided operation and headquarter facility planning and design to support the systems. Our capabilities also include the review of third-party designs and documentation for implementation of transit systems.

Grant Funding Assistance

Our staff have provided application assistance for multiple state and federally-funded projects. Our staff has worked with local agencies to submit grant applications for multiple programs and are experienced preparing Requests for Authorization (RFA) to Caltrans Local Assistance for various phases of work; including Preliminary Engineering (PE), Right of Way (R/W), Utility relocation (RW/UTIL), and Construction (CON). Since 2017, Mark Thomas has secured more than $1.3B in transportation funding for local and regional agency projects.

For the County of Orange OC Loop, Segments O, P, Q, Mark Thomas prepared the conceptual plans, secured ATP Grant Funding for the environmental clearance and are now providing the final design services on this $50M project.

FINANCIAL CONDITION

Our firm is a financially strong and a secure business entity with 97 years of profitable growth. We are rated financially strong by Dun & Bradstreet and have never borrowed or used our line of credit to maintain company operations. This contract presents no financial burden or challenge to the company.

We have no pending bankruptcies, liens, stop payment notices, or foreclosures filed or resolved in the past seven years. Mark Thomas operates throughout California and has had average annual billings over the last five years in excess of $53M. To date, we have no planned office closures or impending mergers. There are no claims in excess of $25,000 pending against the company that would impact its ability to discharge its contractual duties if awarded a contract.

EXPERIENCE WITH OUR SUBCONSULTANT PARTNERS

Mark Thomas has provided a strong group of subconsultants that our team has long-standing relationships with, and they have proven their ability to deliver quality work on schedule. Following is a sampling of the Mark Thomas and/or our Contract Manager's direct working relationship with each of our subconsultants. Subconsultant information, roles and references are included in Section D.

BA, Inc | Water Systems
- Doran Street Grade Separation, Metro
- I-710 South End Utility Study, Metro

BOA | Building Architecture & Systems
- On-Call A&E Services, Montebello
- Port of Los Angeles On-Call Services
- Senior Center Remodel, Montebello
- Fire Station 56 Remodel, Montebello

Cordoba Corporation | Transit
- Program Management On-Call, Port of Long Beach
- OC Streetcar, OCTA
- Glendale Streetcar Feasibility Study, Glendale

EMI | Geotechnical Services
- On-Call A&E Services, Montebello
- Cannon Street Widening, Orange
- OC Loop, Segment O, P, Q, County of Orange

GPA | Environmental Services
- On-Call A&E Services, Montebello
- Nuevo Road Bridge Replacement, Riverside County
- Highland Springs Interchange, Beaumont
- North/South Bikeways Projects, Eastvale

LIN Consulting | Traffic Engineering
- On-Call A&E Services, Montebello
- Campus Avenue At-Grade Crossing, Ontario
- OC Loop, O, P, Q, County of Orange
- Cannon Street Widening, Orange

Monument | Right of Way
- On-Call A&E Services, Montebello
- Jeffrey Road/Irvine Center Drive Widening, Irvine
- Yorba Linda Boulevard Widening, Yorba Linda
- Laguna Canyon Road Complete Street, Laguna Beach

STRENGTH AND STABILITY

Mark Thomas has been providing services for over 97 years and as noted has been growing steadily and is financially sound. With the resources and proven ability to deliver projects on schedule, we are in the right position to successfully deliver for the City over the life of this contract.

STAFFING CAPABILITY AND AVAILABILITY

Mark Thomas has more than 380 team members with a depth of disciplines needed to support the City. This demonstrates that we have the resources and availability to successfully deliver a wide range of task orders separately or concurrently whether they require a multi-disciplinary team or a single subject matter expert. Our team includes redundancies to make sure we can deliver the disciplines needed and teams that can meet any project's demands.

CURRENT WORKLOAD

We have evaluated workloads of staff presented herein and they are available to perform their designated roles. We have more than 90 professional staff between our three Southern California offices and we can also draw from a pool of more than 380 staff company wide, who are available to serve as supplemental resources to successfully complete multiple, concurrent task orders. Mark Thomas utilizes weekly and monthly coordination meetings wherein resource planning and workload are reviewed. This planning ensures that there are sufficient resources available to meet the schedule and quality commitments for any task order issued.

PROACTIVE SCHEDULE MANAGEMENT

Mark Thomas has a proven ability of delivering projects on-schedule, particularly under tight funding deadlines. The foundation for this is our project managers who take a proactive approach for planning project activities, looking ahead and drilling down to track tasks critical to achieving each milestone. Identifying the risks to the project schedule and mitigating them by advancing early activities where possible without the risk changes later in design. Our strategy for keeping projects on schedule is simple, track the action items, communicate key milestones often and over communicate.

We will develop comprehensive design schedules, to identify all critical tasks and interrelationships of each project, and effectively use it to track critical path items. A Critical Path Method (CPM) project schedule with a prioritized task list will be developed to monitor the progress of critical and concurrent tasks. Schedule accuracy and communication is particularly important for the City, especially the timing for review cycles. The schedules will need to be comprehensive showing not only Mark Thomas effort, but other related work that can affect project delivery.

Mark Thomas has had success completing projects on or ahead of schedule. For the San Fernando Road project, our pro-active efforts in developing concepts and exhibits, meeting and communicating with City staff on a weekly basis, and public outreach campaign, gave our team the ability to screen concepts in a highly active business and residential community. This allowed the project to be fast-tracked to meet the aggressive Clean California Grant program schedule.

RELEVANT PROJECT EXPERIENCE

Mark Thomas has planned, designed and managed a wide variety of local, state and federally funded public infrastructure projects for agencies throughout Southern California. The following representative projects demonstrate our team's experience with a wide breadth of service areas and capability in successfully delivering the design and management of transportation improvement projects to public agencies. We have provided a detailed description of the highlighted projects on the following pages.

PROJECT	RELEVANT SERVICES									
	ROADWAY DESIGN / REHABILITATION	COMPLETE STREETS / ADA COMPLIANCE	BIKE / TRAIL FACILITIES	BRIDGE / STRUCTURES	SURVEY / MAPPING / RIGHT OF WAY	STREETSCAPE / PLANTING & IRRIGATION	UTILITY COORDINATION / RELOCATION	TRAFFIC ENGINEERING	STORM DRAIN / WATER QUALITY	ENVIRONMENTAL (CEQA AND/OR NEPA)
On-Call Architecture & Engineering (A&E), Montebello	✓	✓	✓		✓	✓	✓	✓	✓	
On-Call Engineering, County of Orange	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
On-Call Consultant Services, Irvine	✓	✓	✓		✓	✓	✓	✓	✓	✓
On-Call Engineering, Santa Ana	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
San Fernando Rd Complete Street, Glendale	✓	✓	✓		✓	✓	✓	✓	✓	
Yorba Linda Blvd/Savi Ranch Pkwy Widening, Yorba Linda	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
OC Loop, Segments O, P, Q, County of Orange	✓		✓	✓	✓	✓	✓	✓	✓	
Mendez Historic Freedom Trail, Westminster	✓	✓	✓		✓	✓	✓	✓	✓	✓
Long Beach Boulevard Complete Street, South Gate	✓	✓	✓		✓	✓	✓	✓	✓	✓
Firestone Boulevard Widening, Norwalk	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Campus Avenue At-Grade Crossing, Ontario	✓				✓		✓	✓	✓	✓
Cannon Street Widening, Orange	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bayside Drive Multi-Modal Improvements, Newport Beach	✓	✓	✓		✓	✓	✓	✓	✓	
Limonite Avenue Gap Closure, Eastvale	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tracks at Brea, Brea			✓		✓	✓	✓	✓	✓	
OC Loop, Segment D, County of Orange	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Glendale Narrows Riverwalk Bridge, Glendale	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Nuevo Road Bridge, County of Riverside	✓			✓	✓		✓	✓	✓	✓
Cherry Street Extension, Temecula	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Palomar Street Complete Street, Wildomar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

MONTEBELLO ON-CALL A&E SERVICES | MONTEBELLO

Mark Thomas has delivered over a dozen task orders in the past 12 months on this contract. Efforts include:

Systemic Safety Analysis Report: Prepared the citywide SSAR, identifying 12 priority locations that included countermeasures, design layouts, and estimates.

Montebello Boulevard Median Islands & Rehabilitation: Preparing the PS&E for the addition of new raised landscaped medians, asphalt rehabilitation, ADA ramp upgrades, planting and irrigation.

Plan Checking Services: Reviewing third-party street, grading, utility, storm drain, sewer plans and reports, including the new Montebello Hills residential tract, the USACE realignment of Lincoln Avenue, and the widening of the Garfield/Wilcox intersection.

As-Needed Survey: Reviewing parcel and tract maps, preparing legal descriptions and plats, assisting on clearing ownership issues.

Facility Remodels: Preparing the remodel plans for the Senior Center and Fire Station 56.

Parks: Developing concept for the first Dog Park as well as final design to upgrade the Montebello Park Baseball Field.

RELEVANT FEATURES
- ✓ Roadway
- ✓ Pavement Rehabilitation
- ✓ Active Transportation
- ✓ Traffic Engineering
- ✓ Landscape
- ✓ Parks
- ✓ Architecture
- ✓ Surveying and Right of Way
- ✓ Plan Checking

ON-CALL ENGINEERING | COUNTY OF ORANGE

Mark Thomas has been providing on-call support for the County of Orange for multiple on-call contracts. Within the last 2 years we have delivered over 13 task orders. In addition, we've had several project specific contracts. Our work includes:

Modjeska Grade Road Improvements: The proposed project addresses critical pavement and drainage deficiencies along a 1.2-mile segment of Modjeska Grade Road

Silverado Canyon Road Bridge Replacement: Providing PS&E for the replacement of the Silverado Canyon Road Bridge over Ladd Creek.

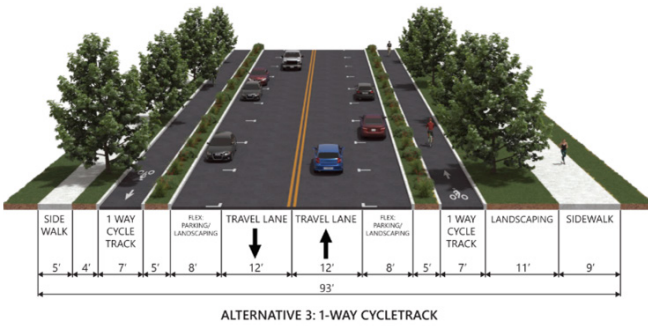
Brea Canyon Road Widening: The project improvements include widening to a four-lane divided roadway, replacing the three existing bridges over the Brea Canyon Channel.

Grant Application Assistance: Prepared concept plans and grant applications for ATP Cycles 4, 5, and 6, netting the County nearly $50M for OC Loop Segments O/P/Q.

RELEVANT FEATURES
- ✓ Roadway
- ✓ Active Transportation
- ✓ Structures
- ✓ Traffic Engineering
- ✓ Drainage/Stormwater
- ✓ Landscape
- ✓ Right of Way
- ✓ Structures
- ✓ Funding Assistance

ON-CALL CONSULTANT SERVICES | CITY OF IRVINE

Mark Thomas has been on the Irvine on-call list since 2019 in multiple categories, including Preliminary Engineering & Environmental Documents, Civil Engineering, Structures Engineering and Grant Funding.



ALTERNATIVE 3: 1-WAY CYCLETRACK

Projects have included:

Walnut Avenue/The Mall Traffic Signal Improvements (PS&E): Addition of a signal and pedestrian improvements.

Bake Parkway/Jeronimo Road (PR/ED): Widening of the intersection to provide additional turning capacity and improved bike facilities

Jeffrey Road/Irvine Center Drive Widening (PS&E): Widening for additional through, left and right turn lanes and extending the on-street bike lanes.

Reimagining Yale Avenue (PR/ED): Removing vehicular lanes and implementing one-way Class IV Cycle Tracks.

RELEVANT FEATURES
- ✓ Concept Development
- ✓ Environmental
- ✓ Final Design
- ✓ Streetscape Features
- ✓ Active Transportation
- ✓ Complete Streets
- ✓ Traffic Engineering
- ✓ Funding Support
- ✓ Community Outreach

ON-CALL CONSULTANT SERVICES | CITY OF SANTA ANA

Mark Thomas is currently providing the City of Santa Ana with on-call engineering services as well as separate contracts for additional services. A sampling of our work includes:

Santa Ana Grade Boulevard Separation: Developed an alternative solution to reduce right of way impacts and project costs. To date, secured $7M in grant funding through the State TIRCP Program.

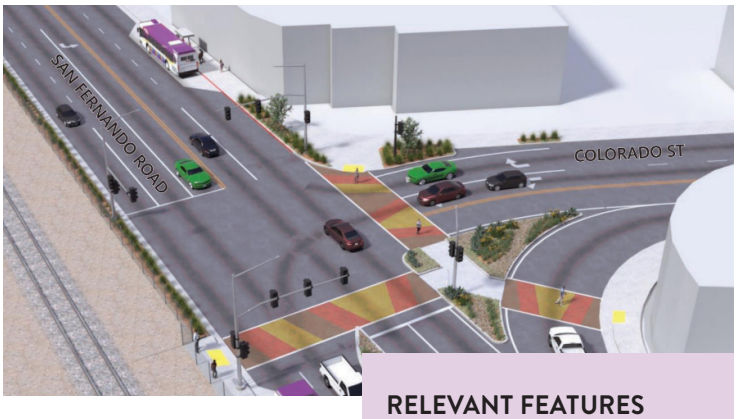
Santa Ana Stadium Structural Repairs: Prepared a memorandum documenting the site investigation, analysis and recommendations and included final design services.

Standard Avenue Bike Lanes: Led the preparation of PS&E to right-size and reconfigure two miles of Standard Avenue from Warner Avenue to First Street, using buffered bicycle lanes, separated bikeways, and shared use bicycle routes as well as green conflict striping, crosswalks, and landscaping. The project will include the first protected intersection design within the City at Standard Avenue/McFadden Avenue and continue to anchor Santa Ana as a community that delivers mobility solutions for the residents.

RELEVANT FEATURES
- ✓ Concept Development
- ✓ Final Design
- ✓ Streetscape Features
- ✓ Active Transportation
- ✓ Complete Streets
- ✓ Structures
- ✓ Traffic Engineering
- ✓ Funding Support
- ✓ Community Outreach

SAN FERNANDO ROAD COMPLETE STREET | CITY OF GLENDALE

Mark Thomas provided preliminary engineering and PS&E for the San Fernando Road Multi-Modal and Beautification Improvement project located on San Fernando Road between Elk Avenue and the northerly limit of the City of Glendale at Spazier Avenue.



Mark Thomas developed four alternatives during concept development, conducted extensive public outreach efforts, and just delivered final design for the Phase 1 improvements. The project includes new raised medians, Class II bike lane, numerous curb extensions, parkway planting, enhanced crosswalks, and bus stop relocation efforts.

The project was delivered on a fast-tracked schedule to meet the aggressive Clean California Grant program schedule.

RELEVANT FEATURES
- ✓ Concept Development
- ✓ Complete Street
- ✓ Raised Medians
- ✓ Streetscape Features
- ✓ New Class II Bike Lane
- ✓ Traffic Engineering
- ✓ Community Outreach
- ✓ Accelerated Schedule

YORBA LINDA BOULEVARD/SAVI RANCH PARKWAY WIDENING | CITY OF YORBA LINDA

Mark Thomas is providing final design services for this $30M project that involves the widening of Yorba Linda Boulevard from La Palma Avenue to Santa Ana Canyon Road, including the bridge over the Santa Ana River, to improve corridor operations, and provide a barrier protected Class I bike path. Savi Ranch Parkway is also being widening to provide a third westbound left turn lane and extend a Class I bike path into the Savi Ranch area.

The project also includes additional bicycle and pedestrian improvements along La Palma Avenue and Old Canal Road and includes drainage, landscaping, traffic signals and lighting. Our Contract Manager, Pat Somerville, has led this project from its inception, including a feasibility study, project report and environmental clearance and securing funding.

RELEVANT FEATURES
- ✓ Concept Development
- ✓ Environmental Clearance
- ✓ Roadway Widening
- ✓ New Class I Bike Path
- ✓ Traffic Engineering
- ✓ Bridge Widening
- ✓ Funding Support
- ✓ USACE Permitting

OC LOOP SEGMENTS O, P, Q | COUNTY OF ORANGE

Mark Thomas is delivering the OC Loop Segments OPQ (Coyote Creek Bikeway) project. The project closes a 2.7-mile gap in the Class I bikeway between the Coyote Creek North Fork split in Cerritos and La Mirada Boulevard in Buena Park. Our initial work included developing 25% concept plans and estimates to support the ATP grant applications.

To date, Mark Thomas has helped secure $50M for this project. Our team is now completing the final design for the three segments. The design has been refined to include overhead crossings of the UPRR and BNSF/SCRRA tracks, underpass of a BNSF spur track, overcrossing at Stage Road, and underpasses at Valley View Street and Artesia Boulevard. Our refinements identified more than $11 million in cost savings. The project includes extensive coordination efforts with UPRR, BNSF, SCRRA, CPUC, USACE, and OCFCD to obtain permitting and approval for the project.

RELEVANT FEATURES
- ✓ Concept Development
- ✓ Final Design
- ✓ Street Improvements
- ✓ New Class I Bike Path
- ✓ Traffic Engineering
- ✓ Multiple Bridges
- ✓ Railroad Coordination
- ✓ Funding Support
- ✓ USACE Permitting

MENDEZ HISTORIC FREEDOM TRAIL | CITY OF WESTMINSTER

The Mendez Historic Freedom Trail runs along Hoover Street and will be redefined from an auto-centric 5-lane roadway to a bicycle and pedestrian friendly street. We are providing engineering design services that will develop layered transportation networks, reduce vehicle travel lanes and create a two-mile long Class IV bikeway.

Other project features: raised median to separate vehicles & cyclists and serves as stormwater treatment, pedestrian lighting, correction of deficient driveways, ADA upgrades, pavement rehab, overlay and curb ramps. Our team members helped to secure $2.3 million from the California Natural Resource Agency's Urban Greening Program. Mark Thomas is also coordinating with railroad authorities and preparing GO-88B applications for CPUC approval.

RELEVANT FEATURES
- ✓ Concept Development
- ✓ Final Design
- ✓ Street Improvements
- ✓ Streetscape Features
- ✓ New Class IV Bike Path
- ✓ Traffic Engineering
- ✓ Railroad Coordination
- ✓ Funding Support

ON-CALL EXPERIENCE

Mark Thomas brings extensive experience with on-call contracts, including the ability to quickly mobilize as well as the resources to deliver concurrent task orders as they arise. Below is a list of agencies that we have on-call contracts with, some with multiple service areas.

SOUTHERN CALIFORNIA AGENCIES:

City of Anaheim
Multiple On-Call Contracts

City of Eastvale
Multiple On-Call Contracts

City of Glendale
On-Call Public Works

City of Irvine
Multiple On-Call Contracts

City of Laguna Beach
On-Call Public Works Services

City of Moreno Valley
On-Call Services

City of Montebello
As-Needed Services

City of Newport Beach
On-Call Transportation and Traffic Engineering

City of Norwalk
On-Call Engineering Services

City of Ontario
On-Call Professional Engineering Services

City of Rialto
On-Call Professional Engineering Services

City of Santa Ana
On-Call Engineering Services

City of Santa Clarita
On-Call Civil Engineering Design Services

County of Orange
Multiple On-Call Contracts

County of Riverside
On-Call Design Services

County of San Bernardino
On-Call Professional Services

Port of Long Beach
On-Call Engineering Services

Port of Los Angeles
On-Call Engineering Services

OTHER CALIFORNIA AGENCIES:

Amador County
On-Call Engineering

Bay Area Rapid Transit
On-Call Engineering

Calaveras County
On-Call Construction Management

California High Speed Rail
Plan Check Services (Fresno)

Caltrans District 4
On-Call Construction Management
On-Call Civil, Survey & Structural

Caltrans District 12
On-Call Construction Management

City of Berkeley
On-Call Engineering

City of Brentwood
On-Call General Civil & Survey

City of Concord
On-Call Survey

City of Davis
On-Call Civil Engineering

City of Dublin
On-Call Engineering

City of Gilroy
Streets, Trails and Sidewalks

City of Lincoln
On-Call Engineering

City of Manteca
On-Call Engineering and Construction Management

City of Menlo Park
On-Call Engineering

City of Mill Valley
On-Call Engineering

City of Pleasanton
On-Call Civil, Survey, Transportation

City of Rancho Cordova
On-Call Consulting

City of Redwood City
On-Call Civil, Survey, & Structural

City of Roseville
On-Call Engineering
On-Call Construction Management

City of Sacramento
On-Call Civil & Survey

City of San Jose
On-Call Trail Design
On-Call Surveying

City of San Rafael
MSA On-Call Civil & Structural Engineering Services

City of South San Francisco
On-Call Civil Engineering
On-Call Survey

City of Turlock
On-Call Roadway Design and Construction Management

C. PROPOSED STAFFING

TEAM ORGANIZATION

Mark Thomas understands the importance of assembling a team who will be available throughout the duration of this contract. The organization chart depicts the lines of communication and responsibilities for our team. The organizational chart also reflects our ability to address any project need along with the depth of resources to handle concurrent task orders. As the contract manager, *Pat Somerville will be the City's primary contact and will lead the team in task orders that come from this contract while also managing subconsultants.*

PROJECT DIRECTOR
Darin Johnson, PE

CONTRACT MANAGER
Pat Somerville, PE

QA/QC
Josh Cosper, PE, QSD, PLS

Key Staff

ENGINEERING DESIGN

STREET IMPROVEMENTS & REHABILITATION
Xavier Espinosa, PE
Ravi Shah, PE
Rachel Yazawa, PE
Ali Monajjemi, EIT

COMPLETE STREETS
Kimberly Barling, PE
Madison Hall, EIT

TRAFFIC ENGINEERING
Ricky Chan, PE, TE, PTOE
Ray Kommidi, PE, TE LIN CONSULTING

ACTIVE TRANSPORTATION
Paul Martin, PE, TE, LCI
Jackie Young, PE

RAIL/TRANSIT SYSTEMS
Jesseca Martinez, EIT
Terry Nash CORDOBA
Farveh Makhssous CORDOBA

BRIDGES/STRUCTURES
Lynn Odgiiv, SE

DRAINAGE/STORM WATER
Tyler Hodges, PE
Yon Chung, EIT

WATER TREATMENT & DISTRIBUTION
Mario D. Fragomeno BA INC.

SANITARY SEWER
Ben Porter, PE

STREETSCAPE, PLANTING & IRRIGATION
Jingwen Guo, PLA

PARKS, PLAYGROUNDS, TRAILS & PARKLETS
Taishiro Goto, PLA

SPECIFICATIONS/ESTIMATES
Trisha Keith, PE

STUDIES & SUPPORT SERVICES

SURVEYING & MAPPING
Dave Moritz, PLS

RIGHT OF WAY MAPPING & ENGINEERING
Teri Kahlen, PLS

RIGHT OF WAY ACQUISITION
Daniela Borbe MONUMENT

UTILITY COORDINATION
Josh Cosper, PE, QSD, PLS

PRIOR RIGHTS ANALYSIS
BJ Swanner MONUMENT

FUNDING SUPPORT & ADMINISTRATION
Ryan Bissegger
Amber Collins

ENVIRONMENTAL STUDIES
Catherine Saint GPA

TRAFFIC STUDIES
Sue Song LIN CONSULTING

GEOTECHNICAL
Alahesh Thurairajah, PE, GE EARTH MECHANICS

REGULATORY PERMITTING
Jennifer Johnson GPA

ENCROACHMENT PERMITS
Paul Mittica, PE

BUILDING ARCHITECTURE & SYSTEMS
Edward Lok Ng, LEED AP BOA

OUTREACH SUPPORT
Deanna Gibson

We concur that the key personnel listed will be available to the extent proposed for the duration of the project. We acknowledge that no person designated as "key" to the project will be removed or replaced without the prior written concurrence of the City.

PROPOSED KEY PERSONNEL

MEET OUR CONTRACT MANAGER

Pat Somerville, PE | CONTRACT MANAGER

BS in Civil Engineering | CA PE C56141

Pat brings more than 38 years of experience in civil engineering and management with a focus on municipal and capital improvement projects. **He started his career in the public sector, working nearly 12 years for the City of Fullerton.** This provides Pat with understanding of the inner workings of a City. Additionally, he has held numerous on-call contracts and program management assignments. A summary of this experience includes:

City of Montebello On-Call Services: Contract manager for this on-call and has delivered nearly 20 task orders in less than 18 months. Services include final design, street rehabilitation, landscape architecture, street improvement plan checking, right-of-way legal descriptions & plats, tract and parcel map reviews, Senior Center remodel and park refurbishment.

Long Beach On-Call Services: Across five separate contracts that Pat managed, over 30 task orders were delivered that included a variety of services including residential and arterial street reconstruction projects, over 9 miles of streetscape improvements including new raised medians, hydrology and hydraulic reports that supported major storm drain upgrades and stormwater facilities.

Santa Ana On-Call Services: Through consecutive on-call contracts, Pat delivered over 20 task orders that included residential and arterial pavement rehabilitation, structural analysis of existing city parking structures, upgrades of various city facilities. Pat also provided program management services, working part time out of City Hall, managing their CIP projects.

City of Fullerton: As an Associate Engineer for the City, Pat was responsible for the delivery of the Capital Improvement Program (CIP), including the yearly arterial, residential and alley pavement programs, curb & gutter and sidewalk replacement, street and intersection widenings, sewer and storm drain improvements as well as facility upgrades including parks, City Hall and Library projects.

Through this experience, he has developed proven consensus building skills with staff, the community and project stakeholders. He is adept at public presentations at City Council, Commission or community outreach meetings. He actively engages third parties, including transportation agencies, regulatory agencies, and utility companies, coordinating early and often through the project life cycle. He brings extensive experience with a proven ability of on-time project delivery.

Pat's additional recent experience includes:

- Rosecrans/Marquardt Grade Separation, Santa Fe Springs
- Systemic Safety Analysis Report, Montebello
- Long Beach Boulevard Complete Street Improvements, South Gate
- Valley Boulevard Multimodal Improvements, Los Angeles

- Firestone Boulevard Widening, Norwalk
- Complete Streets Program, Los Angeles
- Yorba Linda Boulevard Widening, Yorba Linda
- San Fernando Road Multi-Modal Improvements, Glendale
- Westside Storm Drain Improvements, Long Beach
- Brea Canyon Road Widening, Orange County
- OC Loop Segment D Bike Path, Orange County
- OC Streetcar, OCTA
- Standard Avenue Bike Lanes, Santa Ana

ADDITIONAL KEY TEAM MEMBERS

The table below identifies our key team members, roles, qualifications and experience. Full resumes for key staff are included in the Appendix.

TEAM MEMBER & ROLE	EDUCATION, LICENSE, & YEARS OF EXPERIENCE	RECENT SIMILAR EXPERIENCE
Xavier Espinosa, PE *Street Improvements & Rehabilitation*	BS in Civil Engineering California State University, Los Angeles CA PE C88927 11 years of experience	» Firestone Boulevard Widening, Norwalk » OC Loops Segments O, P, Q, Orange County » OC Loop Segment D, Orange County » Long Beach Boulevard Complete Street, South Gate
Kimberly Barling, PE *Roadway*	BS in Civil Engineering University of California, Irvine CA PE C92279 9 years of experience	» Firestone Boulevard Widening, Norwalk » Montebello On-Call, Montebello » San Fernando Road Improvements, Glendale » Long Beach Boulevard Complete Street, South Gate
Ricky Chan, PE, TE, PTOE *Traffic Engineering*	BS in Civil Engineering University of California, Irvine CA PE C71389 CA TE TR2673 PTOE 3685 24 years of experience	» Jeffrey Road/Irvine Center Drive, Irvine » San Fernando Road Multi-Modal Improvements, Glendale » Yorba Linda/Savi Ranch Widening, Yorba Linda
Paul Martin, PE, TE, LCI *Active Transportation*	BS in Civil Engineering University of California, Irvine CA PE C65868 CA TE TR2315 LCI 4936 25 years of experience	» South Yale Improvements » Caltrans FRAMES, Orange County » Laguna Niguel Active Transportation Plan, Laguna Nigel
Terry Nash Cordoba Corporation *Rail/Transit Systems*	BS in Civil Engineering University of Arizona CA PE C87096 27 years of experience	» LA Metro Eastside Light Rail Phase 2 Extension » Glendale-Burbank Regional Streetcar Feasibility Study, Glendale » Orange County Transportation Authority OC Streetcar Final Design, Santa Ana

TEAM MEMBER & ROLE	EDUCATION, LICENSE, & YEARS OF EXPERIENCE	RECENT SIMILAR EXPERIENCE
Lynn Odgiiv, SE, PE *Bridges & Structures*	BS in Civil Engineering Arizona State University MS in Structural Engineering Illinois Institute of Technology CA PE C86869 CA SE6838 17 years of experience	» OC Loops Segments O, P, Q, Orange County » Cannon Street Widening, City of Orange » Nuevo Road Bridge Rehabilitation, Riverside
Jingwen Guo, PLA *Streetscape, Planting & Irrigation*	BS in Landscape Architecture South China Agricultural University MS in Landscape Architecture California State Polytechnic University, Pomona CA PLA 6563 12 years of experience	» Cannon Street Widening, City of Orange » Firestone Boulevard Widening, Norwalk » Jeffrey / Irvine Center Drive Improvements Irvine » Long Beach Boulevard Complete Street, South Gate
Dave Moritz, PLS *Surveying and Mapping*	BS in Civil Engineering and Land Surveying Option California State Polytechnic University, Pomona CA PLS 7388 31 years of experience	» Montebello As Needed Services, Montebello » On-Call Engineering Services, Rialto » Laguna Canyon Road Complete Street, Laguna Beach » SR 132 Phases 2&3, Stanislaus County

Our Contract Manager, along with Xavier Espinosa, Kimberly Barling and Jesseca Martinez delivered the roadway improvements for the newly opened Rosecrans Avenue/Marquardt Avenue Grade Separation in the cities of Santa Fe Springs and La Mirada. This team worked closely with Noe Negrete in the development and delivery of this project.

D. SUBCONSULTANTS

In order to provide comprehensive services, we have selected trusted subconsultants to help us deliver task orders for the City. We selected our team based on our ongoing working relationship and previous track record of success with them on similar types of projects. All of our subconsultants have excellent reputations and are extremely competent, qualified in their areas of expertise and have a proven history of delivering for their clients. Our subconsultants will report to Pat who will mange the entire team. Full resumes for subconsultants are included in the Appendix.

SUBCONSULTANT NAME/ADDRESS	COMPANY PROFILE/SERVICES	REFERENCE
LIN Consulting, Inc. **(DBE)** *Traffic, Lighting, Studies* 21660 Copley Dr. Suite 270 Diamond Bar, CA 91765 ☎ (714) 726- 8960	LIN Consulting, Inc. (LCI) a California corporation founded in 1997 specializes in traffic, civil, and electrical engineering. For over 25 years, LCI has been well-regarded for our work on traffic and electrical engineering services to on-call and public works-type projects throughout Southern California. LCI has consistently produced quality designs in accordance with agency guidelines under tight time constraints.	**Rita Montalvo** City of Montebello 1600 W Beverly Blvd., Montebello, CA 90640 ☎ (323) 887-1200 ext. 1469
Cordoba Corporation *Rail/Transit* 1401 North Broadway Los Angeles, CA, 90012 ☎ (213) 895-0224	Cordoba Corporation is a nationally recognized firm with expertise in program, project and construction management, and engineering planning and design, focusing on rail and transit, energy, water, and education and public facilities sectors.	**Mike Burrows** San Bernardino International Airport Authority 1601 E. Third Street, San Bernardino, CA 92408 ☎ (909) 382-4100
Monument (DBE) *ROW Acquisition*	Monument, formed in 2018, is a full-service real estate and right-of-way company Monument's interdisciplinary team is composed of highly experienced project managers, seasoned acquisition agents, relocation experts, and project support specialists, working together with the client to provide solutions at every phase of the project.	**Tami McCrossen-Orr** City of Inglewood 1 W Manchester Blvd, Inglewood, CA 90301 ☎ (626) 807-3203
GPA Consulting (DBE) *Environmental/ Permitting*	GPA is a multi-disciplinary consulting firm specializing in environmental planning, biological resource studies, and historic preservation planning. The firm is skilled in analyzing environmental impacts of transportation projects. Many of these projects are processed through the Caltrans Local Assistance Program.	**Aaron P. Burton** Caltrans District 8 464 West Fourth Street, 6th Floor San Bernardino, CA 92401 ☎ (909) 383-2841

SUBCONSULTANT NAME/ADDRESS	COMPANY PROFILE/SERVICES	REFERENCE
Earth Mechanics, Inc. (DBE) *Geotechnical* 17800 Newhope Street, Suite B, Fountain Valley, CA 92708	Founded as a California Corporation in 1989, Earth Mechanics, Inc. (EMI) is a geotechnical and earthquake engineering consulting firm specializing in major geotechnical site investigations and testing, seismic hazard and earthquake retrofit evaluations, and foundation design for projects related to transportation infrastructure.	**Dan Mahgerefteh, PE** LA Metro One Gateway Plaza, Los Angeles, CA ☎ (213) 418-3219
BOA Architects *Building Architecture & Systems*	BOA has performed over 2,000 architectural design services for over 80 local public entities with many comparable to those anticipated in the on-call contract. They have experience with civic center facilities, fire stations, police departments, community centers, libraries, ADA compliance, parks & recreation, and workplace safety/security enhancements.	**Luis Estevez** City of Placentia 401 E. Chapman Avenue, Placentia, CA 92870 ☎ (714) 993-8120

E. WORK APPROACH

PROJECT UNDERSTANDING

The City of Pico Rivera (City) is seeking consultant services on an on-call basis for projects throughout the City. The City's Capital Improvement Program (CIP) is vast with a wide variety of project types. Mark Thomas brings you a team that can deliver the services necessary to address any CIP project. These projects consist of work related to streets and active transportation; sewer, water and storm drain; landscaping and irrigation; traffic studies, engineering and traffic signals; city-owned facilities such as parks, parking lots and buildings; and funding support services. Mark Thomas understands that through the on-call contract, the services may include project management, plan checking, conceptual and final design, third party coordination and permitting, support through the bid and construction phases.

As we've demonstrated in our project experience, Mark Thomas is familiar with providing on-call services, knowing we function as an extension of staff to assist in delivering the volume of projects in your CIP. The key to successfully completing on-call services is to have the depth of staff and a strong cadre of specialty subconsultants, including DBE subconsultants just in case project specific DBE goals need to be met. With a staff of over 380, with 90 locally in Southern California, Mark Thomas stands ready to provide the staff and services needed to support the City.

With the resources available to Mark Thomas, multiple task orders can be performed concurrently, and with the strength of the task order managers, these tasks will be delivered on time and on budget. We will help you deliver your CIP and meet your commitment to your community.

We use a five-step process shown in the adjacent figure to ensure timely and effective response to our client's requests for on-call services.

On the following pages, we provide a work plan that represents our general project approach to deliver the scope of services. Mark Thomas will develop a specific work plan for each task order for which we are selected. The key to our approach is to provide the right team for each task.

STEP 1

Project is identified that requires consultant services through issuance of a request for task order proposal (RFTP).

STEP 2

Mark Thomas reviews RFTP documents, performs field review and research to develop understanding.

STEP 3

Mark Thomas prepares the task order proposal and submits for City Review.

STEP 4

Mark Thomas meets with the City to review and finalize the scope, budget and schedule requirements.

STEP 5

Upon approval and receipt of the Notice to Proceed, our project manager will promptly mobilize the team and begin work.

TASK ORDER APPROACH

Our approach to on-call contracts is grounded in our understanding that successful projects, including at the task order level, are a direct result of the following elements:

- A commitment of our qualified engineering, design, support staff, and additional resources via teaming partners as is necessary to deliver every task order on time and within budget
- Acting as an extension of City staff, including always looking out for the City's best interest
- Being responsive and collaborative in order to meet the needs of the City and the community
- Monitoring design activities and delivery schedules through a committed Quality Assurance/Quality Control process
- Providing direction on the most beneficial and cost-effective task order solutions

Mark Thomas has developed the following general approach to a street and/or active transportation PS&E task order. Ultimately, each task order is completed with a tailored approach according to project type and the City's specific needs, budget, and schedule. For projects with State and/or Federal funding, Mark Thomas will assist the City in the administration and processing of the necessary documents with Caltrans Local Assistance, including right of way certifications and RFAs.

PROJECT MANAGEMENT & ADMINISTRATION

Mark Thomas will gather readily accessible information on the project and will conduct a detailed project site visit during our scope development process where applicable. This will confirm our project understanding and help us answer key technical questions, even before task order notice to proceed (NTP) is received.

We understand that our job is to drive the project schedule, evaluate and monitor budgets, perform quality control, conduct project meetings including agendas, exhibits and meeting minutes.

KEY DELIVERABLES

- Agendas & Minutes
- Supporting Exhibits
- Progress Reports
- Schedule Updates
- Quality Control & Audits
- Outreach Support

Throughout the life of the project, Mark Thomas will support the city in their community outreach efforts. Our team is proficient in making presentations to City Council, City Commissions and in public forums to the community. We have staff that develop high quality exhibits and project renderings to assist in effectively conveying the proposed project to the public.

Mark Thomas has internal capabilities to generate high quality exhibits and renderings to support outreach efforts.

BASELINE REVIEW AND PROJECT DEFINITION

Our team will conduct a detailed walk audit of the project site, identifying existing conditions and deficiencies related to pavement condition, curb, gutter and sidewalk conditions, ADA compliance and other elements that may affect the proposed project. These details will be documented in a field review form and a photo log developed.

KEY DELIVERABLES

- Site Audit
- Field Review Form
- As-Built Plans
- Survey & Mapping
- Right of Way Mapping
- Utility "A" Letters
- Utility Mapping

Survey and mapping will be conducted to provide a project basemap. When ADA ramp upgrades are included, field survey will fully detail the curb returns, including all corners of existing pullboxes and utilities to ensure ADA compliant ramps can be properly designed, including proper grades and landings, pedestrian push button placement and non-walkable surfaces as needed.

Other site-specific information will be obtained, including as-builts and facility maps from pertinent agencies and utility owners (utility "A" letter request). Utility mapping will be performed based upon the information received.

PRELIMINARY DESIGN AND ENVIRONMENTAL CLEARANCE

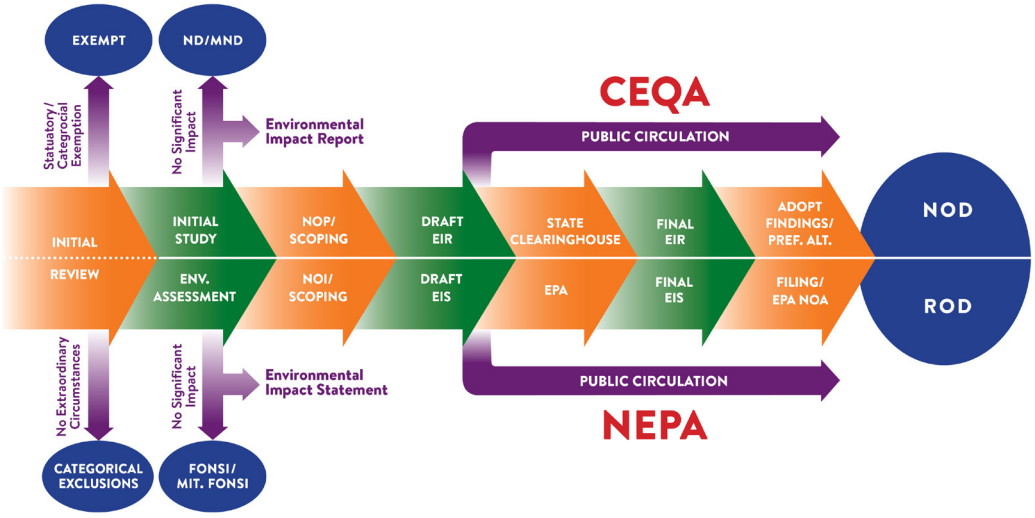
Early pre-concept design identification of constraints provides us with flexibility, allowing for more time to mitigate risks and incorporate cost-effective solutions in the project. Mark Thomas will include preliminary design tasks in the scope of work for the project. We will analyze alternatives to determine their relative impacts and prepare preliminary construction cost estimates to assist the City in evaluating each alternative.

KEY DELIVERABLES

- Preliminary Plans (30%)
- Cost Estimate
- ROW and Utility Impacts
- Environmental Clearance
- Geotechnical Report
- WQMP/LID
- Potholing, if necessary

For each alternative, if needed, we will address the required CEQA and NEPA (if necessary due to funding) environmental clearance and documentation for the project.

Our Team is well versed in the CEQA/NEPA process. The vast majority of your CIP will be a CEQA Categorical Exemption and at most, an Initial Study/ Mitigated Negative Declaration.



As part of the Mark Thomas team, GPA, a DBE firm, will be providing environmental services for this on-call service. We will assist the City with project environmental documents and associated technical study needs. For CEQA this would include a compliant Categorical Exemption, Initial Study/Mitigated Negative Declaration (IS/MND), or an Environmental Impact Report (EIR). If the project has federal funding, then NEPA compliance is required through a Categorical Exclusion, Environmental Assessment/Finding of No Significant Impact (EA/FONSI), or an Environmental Impact Statement (EIS).

Mark Thomas and GPA are also proficient in obtaining the necessary regulatory agency permits for a project, which may include the Regional Water Quality Control Board (RWQCB), United States Army Corps of Engineers (USACE) and the California Department of Fish and Wildlife (CDFW). With the alternative set, additional studies will be performed including geotechnical, stormwater water quality management plan (WQMP)/low impact development (LID), and potholing (if necessary).

FINAL DESIGN

Typically, when a project reaches the final design phase, all conceptual/preliminary design tasks have already been completed and environmental clearance obtained. During the final PS&E phase, our team will prepare the project plans in Autocad Civil 3D, specifications will be prepared based on the Greenbook and City special provisions. A construction cost estimate will be produced for the City, identifying all bid items along with quantity backup.

Utility coordination will be ongoing through the final design phase with "B" and "C" Letters sent out with any utility impacts identified and cost liability determined, to ensure no delays in construction.

KEY DELIVERABLES

- PS&E at 60%, 90% and 100% Completion Levels
- ROW Impact Map
- ROW Legals & Plats
- Quantity Backup
- Utility Impact Map
- Utility "B" & "C" Letters

Additionally, if a project requires the acquisition of any necessary right of way and or easement, our team can produce legal descriptions, appraisal maps, and right of way maps necessary for any fee takes or temporary construction easements. All permits will be obtained during this phase, including encroachment permits for adjacent agencies such as bordering cities, Caltrans or Los Angeles Flood Control District, as well as regulatory permits from resource agencies.

BID & CONSTRUCTION PHASE

Mark Thomas will assist the City through the bid and construction phases of the project. During the bid phase, we will respond to inquiries, assist in addenda preparation if required, and review the bid results.

During construction we will support the City construction management and inspection crews, including attendance at the pre-construction meeting, performing field reviews, respond to requests for information (RFI), review shop drawings and submittals and prepare as-built record drawings.

KEY DELIVERABLES

- Bid RFC Responses
- Bid Addenda
- Bid Analysis
- Field Reviews
- RFI Responses
- Submittal Reviews
- As-Builts

Jeffrey/Irvine Center Drive Improvements, Irvine

Mark Thomas has been excellent to work with. They performed exceptionally well in delivering the complex Jeffrey Road/Irvine Center Drive widening project. Pat and his team were responsive, proactive and drove the coordination with the numerous third-party stakeholders. They were always prepared with solutions and recommendations which made addressing the project challenges much easier for the City. The firm consistently met or exceeded my expectations to protect the interests of the City.

-Uyenly Bui, Project Manager
City of Irvine (Retired)

GRANT FUNDING SUPPORT

Mark Thomas fully understands the process of securing state and federal funding for projects, and have done so successfully on behalf of our clients, as well as administering the funding once received, as is discussed below.

ADMINISTERING STATE AND FEDERAL FUNDING

Mark Thomas has extensive experience managing and designing state and federally funded projects for local agencies. We fully understand the administrative challenges that come along with this funding. We have an unmatched understanding of the Caltrans Local Assistance process gained through delivering more than 100 projects that required this coordination. We are intimately familiar with the Caltrans Local Assistance Procedures Manual (LAPM) and Local Assistance Program Guidelines (LAPG) requirements and processes. These guidelines require compliance with federal and/or state laws, regulations, policies and procedures related to all project phases.

We are also knowledgeable of the federal and/or state laws, regulations, policies and procedures related to design, right of way certification, utility coordination, construction and maintenance. Federal funding requires a separate E-76 process for each phase of work in order to receive

reimbursement. This involves preparing RFAs and supporting information for the various project phases, including preparation of Right-of-Way and Utility Certification Forms.

We have extensive experience with State-only funding requirements as well. We have recently prepared Senate Bill 1 (SB-1) forms and reports for the City of Corona McKinley Street Grade Separation Project that is funded with Trade Corridor Enhancement Program (TCEP) and Proposition 1B Highway- Railway Crossing Safety Account (HRCSA) funds. Our recent experience also includes projects funded through the Active Transportation Program (ATP) and Highway Safety Improvement Program (HSIP), as administered on the Long Beach Boulevard Complete Street project in South Gate, which is currently in construction.

SECURING OUTSIDE FUNDING TO DELIVER YOUR CIP

Mark Thomas has secured over $1.3 billion in funding for our clients since 2017.

A value added service we provide for our clients is our ability to find and secure funding. Mark Thomas has an internal funding team that has an in-depth understanding of funding programs and state and federal policies and proven success securing competitive grant funds. We also have extensive planning and design experience for complex transportation projects. We have delivered numerous projects requiring grant writing, grant administration, and related services including technical writing and development of narratives, cost benefit analysis, air quality benefit calculations, economic impact analysis, exhibits to support grant applications, cost estimates, requests for authorization, funding, reimbursements, and grant reporting.

We have successfully assisted agencies with the preparation of state and federal grant funding applications, through a myriad of programs that will benefit the City. Our team is well practiced at analyzing funding opportunities and project financing needs, developing strategies, grant narratives and benefit cost analyses, developing exhibits and maps, and coordinating with stakeholders to obtain letters of support.

Mark Thomas helped secure a $7M State grant to fund the preliminary and final design of the Santa Ana Boulevard Grade Separation.

MANAGEMENT APPROACH

For the delivery of an on-call services contract on a task order basis, it is important to have an experienced project manager and a well-thought-out Project Management Plan (PMP). One of the first items of work is to prepare a PMP that sets the expectations and serves as a guidebook as task orders are developed and executed.

PROJECT MANAGEMENT PLAN

The preparation of a PMP is crucial. PMPs are prepared shortly after NTP and serve as a guide for project implementation and management. The PMP provides a baseline of project objectives to achieve, how it is to be achieved, who will be involved, how it will be reported and measured, and how information will be communicated. With an on-call contract, we create an overarching PMP that includes items such as the contract contact list, communication protocols, budget tracking and invoicing procedures.

The PMP will be amended for each specific task order and will include the following:

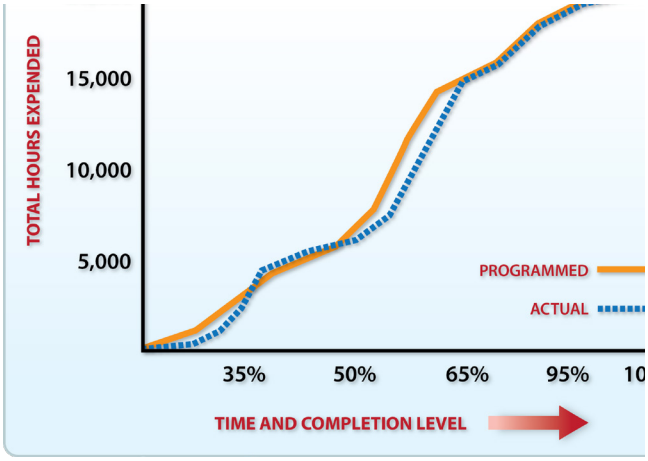
- Project Overview and Objectives
- Project Scope, Requirements, and Deliverables
- Project Team Roles and Responsibilities Project Budget
- Schedule and Key Milestones
- Quality Control Approach

While the PMP serves as a guide, it is active and engaged project management that keeps our projects on schedule and under budget. Following are the keys to our successful delivery.

CONTINUAL BUDGET CONTROL

We use Deltek for all our accounting functions. Deltek has modules "Project Review" that allow project managers to enter budgets for Mark Thomas and the subcontractors and track spending in real-time. We use these modules to track earned value on our project and will be done for each task order.

Our Work Breakdown Structure forms the base for our budget. As shown in the chart, we plan our work using a resource loaded schedule, monitor the project progress, and track the planned budget vs. actuals, and we report this to the City on a monthly basis. We review and report any variations along with a corrective action plan.



"Mark Thomas continues to show flexibility and adaptation with changing project circumstances to ensure the project fulfills grant funding budget and schedule. The team is well-rounded, responsive, and proactive to meet project and design needs."

-Sarah Aziz, Project Manager
Port of Los Angeles

PROACTIVE SCHEDULE MANAGEMENT

Our project managers are taught to take a proactive approach for planning project activities, looking ahead and drilling down to track tasks critical to achieving each milestone. Identifying the risks to the project schedule and mitigating them by advancing early activities where possible without the risk changes later in design. Our strategy for keeping projects on schedule is simple, track the action items, communicate key milestones often and overcommunicate.

DELIVERING QUALITY PRODUCTS, EVERY TIME

Mark Thomas is committed to delivering quality products that meet the City's expectations. For each project, we develop a project-specific Quality Management Plan (QMP) that will guide the quality review process. We leverage our firmwide Quality Management System (QMS) that provide the tools necessary to ensure quality deliverables.

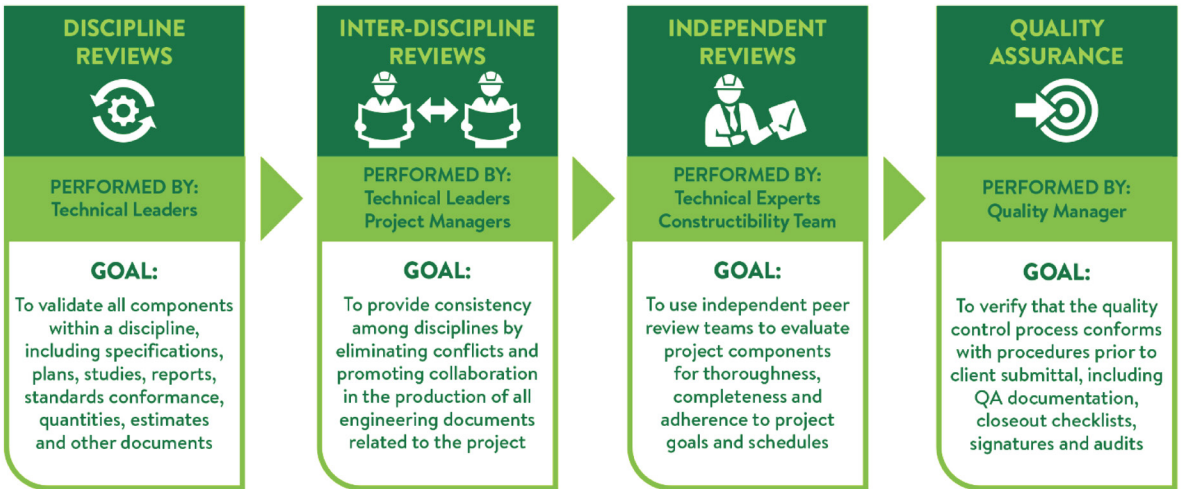
The PMPs/QMPs stipulate the deliverables and schedules for the various levels of quality control reviews to be conducted throughout the project. Our project managers perform on-going reviews as the project develops and Quality Control Reviews/Accuracy Checks are conducted for every completed work product. The steps in our process are shown in the figure below.

To ensure delivery of high-quality products, Pat Somerville will actively participate in the quality control procedures. This includes personally reviewing our response to comments to check that everything has been properly addressed prior to the next submittal.

Before delivering to the client, fresh eyes are provided by Independent Technical Reviews which are conducted by those who are knowledgeable but not involved in the day-to-day project development. Interdisciplinary reviews are conducted on projects that bring together multiple disciplines to proof their integration.

Internal audits are conducted to verify overall conformance with approved policies and procedures, prior to the submittal being released.

The Mark Thomas quality process extends to the entire team, including subconsultants, ensuring quality products team-wide.



F. CLIENT REFERENCES

Provided below are three references for the projects that showcases our expertise in providing a broad range of the services in this on-call and align with qualifications provided in this proposal.

CITY OF MONTEBELLO I ON-CALL ARCHITECTURAL AND ENGINEERING SERVICES

Rita Montalvo, PE
City of Montebello
1600 West Beverly Boulevard
Montebello, CA 90640
☎ (323) 532-0936
✉ rmontalvo@montebelloca.gov

Mark Thomas has delivered nearly 20 task orders in less than two years on this contract, including street rehabilitation, ADA upgrades, landscape architecture, facility remodels, plan checking, surveying and right of way support.

CITY OF YORBA LINDA I ON-CALL SERVICES, YORBA LINDA BOULEVARD WIDENING, SAVI RANCH PARKWAY WIDENING

Jamie Lai, PE
City of Yorba Linda
4845 Casa Loma Avenue
Yorba Linda, CA 92886
☎ (714) 961-7172
✉ jlai@yorbalindaca.gov

Mark Thomas has delivered several task orders to successfully secure funding for City projects. We are also providing final design services for the two widening projects, valued at $30M.

COUNTY OF ORANGE I ON-CALL SERVICES (MULTIPLE CONTRACTS)

Austin Morgan, PE
County of Orange
400 W. Civic Center Drive
Santa Ana, CA 92701
☎ (714) 647-3981
✉ austin.morgan@ocpw.ocgov.com

Mark Thomas has delivered task orders through multiple on-call contracts as well as several standalone projects, including Brea Canyon Road Widening and OC Loop Segments D and O/P/Q.

G. RIGHTS TO MATERIALS

Mark Thomas certifies that all responses, inquiries, and correspondence relating to this RFP and all reports, charts, displays, schedules, exhibits, and other documentation produced by Mark Thomas that are submitted as part of the Proposal and not withdrawn shall, upon receipt by City, become property of City.

H. SCHEDULE OF HOURLY RATES

MARK THOMAS

City of Pico Rivera - On-Call Engineering Services
MARK THOMAS & COMPANY, INC. RATE SCHEDULE
EXPIRES 2027
(3) Years after Contract Execution

Engineering & Planning	
Intern	$74
Technician	$109
Design Engineer I	$129
Design Engineer II	$159
Sr. Technician	$162
Civil Engineering Designer	$176
Project Engineer	$184
Sr. Project Engineer	$208
Sr. Technical Engineer	$208
Project Manager	$240
Technical Lead	$240
Sr. Project Manager	$297
Sr. Technical Lead	$297
Engineering Manager	$357
Design Manager	$357

Construction Management	
Office Technician	$91
Office Engineer	$172
* Asst. Resident Engineer	$243
* Inspector - CM	$240
Project Controls/Scheduler	$239
Resident Engineer	$284
Project Manager - CM	$287
Sr. Project Manager - CM	$315
Sr. Resident Engineer	$332
Division Manager - CM	$381
Area Manager - CM	$414

Planning	
Planner I	$105
Planner II	$132
Sr. Planner	$159

Grant Writing	
Funding Specialist	$176
Sr. Funding Specialist	$207
Funding Manager	$319

District Management	
* Inspector - Apprentice	$91
* Inspector	$128
* Sr. Inspector	$152
Assistant Sanitary Engineer	$174
Associate Sanitary Engineer	$198
Sanitary Project Engineer	$231
Sr. Sanitary Project Engineer	$262
Operations Manager	$295
Deputy District Manager	$339
District Manager-Engineer	$377

Project Support/Coordination	
Project Assistant	$99
Technical Writer	$99
Sr. Project Assistant	$128
Project Coordinator	$129
Graphic Designer	$141
Sr. Technical Writer	$151
Project Accountant	$144
Sr. Project Coordinator	$162
Sr. Graphic Designer	$166
Sr. Project Accountant	$164
Sr. Graphic Manager	$194
Project Accountant Manager	$207

Landscape Architecture/Urban Design	
Landscape Intern	$74
Landscape Designer I	$105
Landscape Designer II	$131
Landscape Architect	$166
Sr. Landscape Architect	$183
LAUD Project Manager	$236
Sr. LAUD Project Manager	$272
LAUD Division Manager	$290

Special Services	
Expert Witness	$553
Strategic Consulting	$553

Surveying	
Survey Division Manager	$356
Survey Manager II	$271
Survey Manager I	$243
Project Surveyor III	$249
Project Surveyor II	$215
Project Surveyor I	$198
Asst Surveyor III	$169
Asst Surveyor II	$152
Asst Surveyor I	$136
Survey Specialist III	$236
Survey Specialist II	$181
Survey Specialist I	$141
Lead Survey Technician	$176
Survey Technician III	$152
Survey Technician II	$141
Survey Technician I	$124
* Chief of Party (OE3)	$192
* Instrumentperson (OE3)	$175
* Chainperson (OE3)	$169
* Apprentice (OE3)	$122
* 2-Person Crew (OE3)	$367
* 3-Person Crew (OE3)	$491
* Utility Locator (PW North)	$152
* 2-person Utility Locate (PW North)	$300
* Chief of Party (OE12)	$226
* Instrumentperson (OE12)	$204
* Chainperson (OE12)	$198
* Apprentice (OE12)	$122
* 2-Person Crew (OE12)	$424
* 3-Person Crew (OE12)	$542
* Utility Locator (PW South)	$209
* 2-person Utility Locate (PW South)	$424

Reimbursables including, but not limited to; reproductions, delivery and filing fees; outside consultant fees; and survey field expenses will be billed at *Cost Plus 5%* . **Mileage** will be billed per *current IRS Rate* .

This rate schedule expires (3) Years from contract execution
** These charge rates are subject to Prevailing Wage laws and Union contract.*

Standard Fee Schedule for Year 2024-2028

STAFF LEVEL	HOURLY RATE
Principal	$ 280
Senior Project Manager	$ 250
Project Manager	$ 220
Senior Engineer	$ 220
Assistant Project Manager	$ 180
Project Engineer	$ 150
Assistant Engineer	$ 125
Technical Support	$ 105
Administrative Support	$ 75

The above rates are effective to December 31, 2028. After the date specified, the labor rates may be adjusted to compensate for labor adjustments and other increases in labor costs.

The cost of printing, mileage, mailing and other expenses incidental to the performance of the services are not included in the hourly rates of above listed hourly rate schedule.

Rate Card

Cordoba Corporation

February 14, 2024

Title/Classification	Experience	Hourly Rate
Project/Design Manager (P.E.)	16+ years	$ 307.99
Senior Project Engineer (P.E.)	12+ years	$ 271.03
Project Engineer (P.E.)	8-11 years	$ 227.91
Engineer III (P.E.)	5-8 years	$ 197.12
Engineer II (P.E.)	3-5 years	$ 166.32
Engineer I (E.I.T.)	0-3 years	$ 123.20
Principal Designer	16+ years	$ 227.91
Designer III	11-15 years	$ 203.28
Designer II	7-10 years	$ 172.48
Designer I	4-7 years	$ 141.68
CAD Manager	15+ years	$ 163.38
Technician	0-5 years	$ 73.92
Project Controls Manager	16+ years	$ 242.55
Sr. Estimator	10-15 years	$ 221.83
Estimator	5-10 years	$ 174.65
Sr. Scheduler	10-15 years	$ 221.83
Scheduler	5-10 years	$ 174.65
Sr. Cost Analyst	10-15 years	$ 184.58
Cost Analyst	5-10 years	$ 135.38
Planning Manager	16+ years	$ 307.99
Senior Planner	8-11 years	$ 227.91
Planner III	5-8 years	$ 197.12
Planner II	3-5 years	$ 166.32
Planner I	0-3 years	$ 123.20
Document Control Specialist	0-5 years	$ 97.88
Sr. Procurement Specialist	5-8 years	$ 179.18
Procurement Specialist	3-5 years	$ 147.53

CONSULTING

GPA

GPA Rate Schedule

Principal Environmental Planner	$363.00/hr.
Senior Associate Environmental Planner	$289.00/hr.
Senior Environmental Planner	$210.00/hr.
Associate Environmental Planner	$142.00/hr.
Environmental Planner	$116.00/hr.
Senior Associate Biologist	$247.00/hr.
Senior Biologist	$200.00/hr.
Associate Biologist	$142.00/hr.
Biologist	$116.00/hr.
Principal Architectural Historian	$331.00/hr.
Senior Associate Arch. Historian	$221.00/hr.
Senior Architectural Historian	$184.00/hr.
Associate Architectural Historian	$147.00/hr.
Architectural Historian II	$116.00/hr.
Architectural Historian I	$105.00/hr.
Sr. GIS Analyst	$189.00/hr.
Project Coordinator	$132.00/hr.
Administrative Assistant/ Clerical	$84.00/hr.
Intern	$69.00/hr.

**Rates are subject to an annual escalation of 3% on January 1st of each year.*

DIRECT EXPENSES

Direct expenses, including but not limited to those items presented below, will be billed at actual cost:

- Purchases of project materials.
- Reproduction, printing and photographic costs.
- Postage, courier services, and overnight mailing.
- Travel (e.g., Meals, Lodging, Incidental Expenses, Rental Vehicle, Fuel for Rental Vehicle, Parking, Tolls, Transportation/commute fares, etc.)
- Research fees, record searches, permit fees, and other miscellaneous costs.

Technical subconsultants will be billed with a 10% markup.

Mileage will be billed at the current IRS rate.

840 apollo street, suite 312, el segundo, ca 90245 t. 310.792.2690 f. 310.792-2696

EARTH MECHANICS, INC. FEE SCHEDULE
2024 – 2028

City of Pico Rivera
On-Call Engineering Services
Rates effective for the term of the PSA

Classification	Fully Burdened Hourly Rate
Principal/Senior Consultant	$ 334.00
Principal Engineer/Geologist	$ 333.00
Senior Engineer/Geologist	$ 247.00
Senior Project Geologist	$ 225.00
Project Engineer/Geologist	$ 192.00
Senior Staff Engineer/Geologist	$ 169.00
Staff Engineer/Geologist	$ 148.00
Senior Technician	$ 172.00
Technician*	$ 89.00
Project Analyst	$ 162.00

* Non-exempt staff subject to overtime pay per California law.

Reimbursable expenses including, but not limited to, drilling, traffic control, waste disposal, specialty testing, and private utility location services will be reimbursed at actual cost with supporting invoice.

Charges invoiced for travel, lodging, and subsistence shall not exceed the current Caltrans rates.

Combined Overhead Rate = 170.68%

Profit = 10 %

17800 Newhope Street, Suite B, Fountain Valley, California 92708 ● Tel: (714) 751-3826

MONUMENT
2024 HOURLY RATE SCHEDULE

Right of Way Management & Implementation	
Program Manager / Principal	$290.00 per hour
Senior Project Manager / Sr. Utility Project Manager	$210.00 per hour
ROW Project Manager 2 / Utility Project Manager 2	$190.00 per hour
ROW Project Manager 1 / Utility Project Manager 1	$160.00 per hour
Utility Coordinator	$130.00 per hour
Senior Acquisition Agent / Senior Relocation Agent / Senior Analyst	$145.00 per hour
Acquisition Agent 2 / Relocation Agent 2 / Property Manager	$120.00 per hour
Acquisition Agent 1/ Relocation Agent 1	$110.00 per hour
Senior Project Coordinator	$120.00 per hour
Project Coordinator 2	$110.00 per hour
Project Coordinator 1	$100.00 per hour
Senior Project Analyst	$135.00 per hour
Project Analyst	$110.00 per hour
Researcher	$90.00 per hour
Project Support / Administrative	
Professional Staff	$85.00 per hour
Project Controller 2	$100.00 per hour

HOURLY RATES

BLACK O'DOWD AND ASSOCIATES, INC.
DBA BOA ARCHITECTURE
1511 COTA AVENUE
LONG BEACH, CA 90813
PH: 562-912-7900

POINT-OF-CONTACT:
EDWARD LOK NG, PRESIDENT
LOK.NG@BOAARCHITECTURE.COM

JOB TITLE	HOURLY (NOT TO EXCEED)
Principal Architect	$160.00
Project Manager	$150.00
Project Designer	$125.00
Senior Designer	$110.00
Senior Technical	$100.00
Draftsman/AutoCAD Operator	$95.00
Other Technical Staff	$85.00
Structural Engineer	$150.00
Mechanical Engineer	$160.00
Electrical Engineer	$160.00
"Other" Sub-Consultant	$150.00
Clerical Staff	$80.00
Prints	$0.50/s.f.

- The above hourly rates are fully burdened or loaded, including full compensation for all overhead and profit. Billing rates shall include provision for normal office costs, including, but not limited to: office rental, utilities, insurance, cell phone or radio, equipment, normal supplies and materials, in-house reproduction services, and local travel costs.
- The proposed hourly rates are guaranteed for the duration of the contract.

NON-COLLUSION AFFIDAVIT

MARK THOMAS

CITY OF PICO RIVERA
On-Call Engineering Services

APPENDIX C
NON-COLLUSION AFFIDAVIT

The undersigned declares states and certifies that:

1. This Proposal is not made in the interest of, or on behalf of any undisclosed person, partnership, company, association, organization or corporation. This Proposal is genuine and not collusive or sham.

2. I have not directly or indirectly induced or solicited any other Proposer to put in a false or sham proposal and I have not directly or indirectly colluded, conspired, connived, or agreed with any other Proposer or anyone else to put in sham proposal or to refrain from submitting to this RFP.

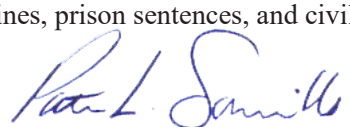
3. I have not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the proposal price or to fix any overhead, profit or cost element of the proposal price or to secure any advantage against the City of Pico Rivera or of anyone interested in the proposed contract.

4. All statements contained in the Proposal and related documents are true.

5. I have not directly or indirectly submitted the proposal price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay any fee to any person, corporation, partnership, company, association, organization, RFP depository, or to any member or agent thereof to effectuate a collusive or sham proposal.

6. I have not entered into any arrangement or agreement with any City of Pico Rivera public officer in connection with this proposal.

7. I understand collusive bidding is a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards.



Signature of Authorized Representative

Pat Somerville, PE
Name of Authorized Representative

Division Manager + Contract Manager
Title of Authorized Representative

APPENDIX-KEY STAFF RESUMES

MARK THOMAS

CITY OF PICO RIVERA
On-Call Engineering Services

PAT SOMERVILLE, PE
PROJECT MANAGER

EDUCATION
BS in Civil Engineering, California State University, Long Beach

REGISTRATION
CA C56141

- ✓ More than 38 years of engineering experience
- ✓ Managed a wide variety of public agency projects
- ✓ Extensive knowledge of public agency procedures

Pat has more than 38 years of experience in civil engineering and management with a focus on municipal transportation and other complex capital improvement projects. He is adept at public presentations at City Council, Commission or community outreach meetings. He actively engages third parties, including regulatory agencies, utility companies, Class I and commuter rail and CPUC, coordinating early and often through the project life cycle. These relationships and this approach will lead to project approvals and on-time project delivery. His career also includes 12 years working in the public sector, which provides him with a detailed understanding of governmental and agency processes, project finance and needs analysis, as well as the technical and contractual requirements for the design and construction of civil projects.

REPRESENTATIVE PROJECT EXPERIENCE

ROSECRANS/MARQUARDT GRADE SEPARATION LOS ANGELES

Civil task manager for the grade separation overpass structure that will span the entire railroad right of way, Pat managed all of the civil elements of the project including overseeing the subconsultant team. Developed the utilization of a frontage road concept to maintain connectivity. Rosecrans Avenue is shifted 125-feet to the south to facilitate maintenance of traffic during construction and significantly reducing impacts on utilities. The overpass structure will span over Marquardt Avenue and Stage Road. This necessitated new connections and circulation routes to maintain access to businesses and residents. Close coordination is being provided with SCE to relocate and elevate two 66kV circuits and a 12kV circuit over the new overpass structure.

LONG BEACH BOULEVARD COMPLETE STREET, SOUTH GATE

Project manager leading the efforts to meet the City of South Gate's goals to address safety and multi-modal deficiencies, and enhance the character of the corridor to one that better reflects the community. Improvements will include ADA-compliant curb ramps, Class III bicycle facilities, enhanced crosswalks, traffic signal modifications and improvements, installing medians, restriping road-ways, shade trees, plantings in the medians and sidewalks, and vegetated biofiltration areas for aesthetics and drainage.

ON-CALL SERVICES, MONTEBELLO

Project manager for on-call engineering services for citywide capital improvement projects consisting of a variety of infrastructure improvement projects including street and sidewalk, traffic signals, sewer pipes and lift stations, storm drain, water, landscaping and irrigation, street lighting, traffic signal, site and building improvements on city facilities such as parks and other institutional campuses; and repairs and modifications to city buildings, including electrical and mechanical repairs/

improvements. Scope of services include project management, conceptual to final design, utility coordination, permitting, development of contract documents, assistance with construction bidding and construction support. Services also include plan check services for private development projects and plan checking work produced by other consultants for city projects.

SAN FERNANDO ROAD IMPROVEMENTS, GLENDALE

Project manager for the City of Glendale's PS&E project located on San Fernando Road between Elk Avenue and the northerly limit of the City of Glendale at Spazier Avenue. Scope of work includes rehabilitation of existing pavement and hardscape, include bicycle facilities, modifications to bus stop locations from near-side to far-side intersections, add raised medians and street beautification features south of Grandview, and include sewer repair north of the Grandview Avenue intersection. This project is a part of the Citywide capital improvement projects (CIP), which contains 365 miles of streets and alleys. The City is investing approximately $457M in its paved roadway network.

YORBA LINDA BOULEVARD WIDENING AND SAVI RANCH PARKWAY WIDENING PROJECTS, YORBA LINDA

Project manager providing final design services for the widening of Yorba Linda Boulevard and Savi Ranch Parkway that includes the bridge widening over the Santa Ana River. Scope of work includes PS&E for both as well as leading the efforts on regulatory permitting processes. Was the lead civil engineer who delivered the previous two phases that the final design will be based off of which is the Savi Ranch Mobility Feasibility Study and Project Report & Environmental Document (PR/ED).

BREA CANYON ROAD WIDENING, BREA

Project manager providing the PS&E, geometric design and retaining wall and bridge design for the widening of nearly two miles of Brea Canyon Boulevard from Canyondale Drive to the Orange County/LA County boundary line, and the replacement of three bridges. The project improvements include widening the existing undivided two-lane roadway to a four-lane divided roadway, replacing the three existing bridges over the Brea Canyon Channel, rehabilitating the existing channel, constructing permanent retaining walls up to 65-feet-high, and replacing the traffic signal at Canyon Country Road.

CANNON STREET WIDENING, ORANGE

Project manager responsible for the structure design, hydraulic analysis, geotechnical investigation and environmental clearance, and permitting for the widening of Cannon Street between Santiago Canyon Road and Serrano Avenue. This vital project will address the heavy regional traffic during the afternoon peak hours that are bypassing congestion on adjacent freeways. In the southbound direction, pedestrian and bicycle traffic will be pulled off Cannon Street and directed onto a new prefabricated bridge spanning over Santiago Creek.

JEFFREY / IRVINE CENTER DRIVE IMPROVEMENTS, IRVINE

Project manager for City of Irvine's project to widen the intersection of Jeffrey Road and Irvine Center Drive to enhance capacity and improve operations. This project needs coordination with the adjacent trail project that traverses through the project site, parallel to Jeffrey Road in the SCE-owned parcels.

XAVIER ESPINOSA, PE
STREET IMPROVEMENTS

EDUCATION
BS in Civil Engineering, California State University, Los Angeles

REGISTRATION
CA C88927

- ✓ More than 11 years of engineering experience
- ✓ Experience with a wide variety of streetscape projects
- ✓ Extensive experience with Southern California agencies

Xavier has 11 years of experience in small and large transportation projects in the Southern California area. He has experience in the design and coordination of local arterial facilities, highways, at-grade rail crossings, and roadway improvements. He has led project teams and supported the design in other disciplines such as rail, utilities, and storm drain design. His project experience includes roadway realignment, highway widening, grade separations, street rehabilitation, parkway improvements, and redesign of at-grade rail crossings

REPRESENTATIVE PROJECT EXPERIENCE

FIRESTONE BOULEVARD WIDENING, NORWALK

Project engineer for the City of Norwalk's widening of Firestone Boulevard where we are currently providing 30% design and CEQA clearance for the project with the PA&ED and final design completed. The project includes the development of the environmental document, preliminary design, and final design for two phases of over one mile of widening/ rehabilitation improvements to the six-lane divided arterial facility, installation of multi-modal improvements for bicycles/pedestrians and on-street parking, and bridge modifications to the existing Union Pacific Railroad (UPRR) overhead bridge structure. Additionally, the project included modifications to four traffic signals and landscape / complete street improvements to the entire segment through two phases of improvements.

LONG BEACH BOULEVARD COMPLETE STREETS, SOUTH GATE

Project engineer responsible for assisting with the conceptual design to meet the City of South Gate's goals to address safety and multi-modal deficiencies, improve pedestrian and bicycle environment, identify LID planter locations, and enhance the character of the corridor to one that better reflects the community. Over the past year, the project has moved forward, and we are currently work-ing to complete bid documents for the City this Spring. Improvements will include ADA-compliant curb ramps, Class III bicycle facilities, enhanced crosswalks, traffic signal modifications and improvements, installing medians, restriping road-ways, shade trees, plantings in the medians and sidewalks, and vegetated biofiltration areas for aesthetics and drainage.

OC LOOP SEGMENTS O, P, AND Q ORANGE COUNTY

Project engineer for engineering services segments O, P, and Q. This project will bridge the 2.7-mile gap in existing Coyote Creek Bikeway Provides safe, off-road bikeway connections that is west to the beach, north to Santa Fe Springs and east to La Habra. Segment O has grade separated crossings at Valley View Avenue and Artesia Boulevard; Segment P has grade separated crossings

at Firestone Boulevard, I-5 and the rail tracks; and Segment Q has grade separated crossings at both rail tracks and Stage Road. It will connect the adjacent neighborhoods to work, school and regional amenities while providing safe crossings of freeways, waterways, and arterial roadways. There will be dedicated off-street paths that encourages active lifestyles and strategies to protect air quality and improving access to Jobs, Parks, and Schools.the engineering concept plans which will be leveraged for future grant pursuits for implementation funding. This work will also help to further SCAG's regional transportation goals and strategies.

ON-CALL ENGINEERING SERVICES, PORT OF LOS ANGELES

Project engineer providing on-call support for the existing engineering services. Xavier developed conceptual alternatives, including plan, profile, and preliminary cost estimate for a revised concept plan for the Navy Way/ Seaside Avenue intersection that would meet Caltrans design standards and approvals with minimal nonstandard design features.

OC LOOP SEGMENT D, ORANGE COUNTY

Project engineer for PS&E for the Carbon Canyon Channel Bikeway design. The project includes a 12'-15' wide bikeway, undercrossing at Golden Avenue, a 160' long 12'x12' box culvert at Bastanchury Road, constructing permanent retaining walls, drainage conveyance, lighting, fencing, landscape, irrigation, hardscape, ADA access, bicycle/ pedestrian signals and beacons, street crossings, maintenance road access, signage, pervious pavement and localized stormwater best management practices (BMP's).

SR-47 / FRONT STREET/HARBOR BOULEVARD INTERCHANGE IMPROVEMENTS, LOS ANGELES

Project engineer responsible for PS&E for the SR 47/Front Street/Harbor Boulevard Interchange modification to alleviate congestion and provide a direct connection to the existing West Basin Container Terminal facility for shipping terminal operators in the Port of Los Angeles. Improvements include widening on- and off-ramps for additional capacity and an increased acceleration/weave length. The realignment requires adding several retaining walls, the abandonment of the existing structure (Harbor Boulevard Off-Ramp Undercrossing), the removal of the inactive portions of the Pacific Harbor Line, and minor realignment of Knoll Avenue.

OCTA SR-55 WIDENING FROM I-405 TO I-5, ORANGE COUNTY

Roadway engineer for local street and pedestrian (ADA) improvements for 4 interchanges along the 4-mile corridor. Also responsible for the staging construction and traffic handling of the freeway mainline and 20 ramps. Responsible for designating temporary on-ramps and off-ramps along the project limits.

COMPLETE STREETS PROGRAM, LOS ANGELES

Project engineer responsible for the identification of non-compliant curb ramps, damaged sidewalk, curb and gutter requiring reconstruction, as well as the design of curb ramps to meet ADA and City standards, and other associated street improvements. He was also responsible for leading the design team in multiple corridors and coordinated the delivery of land survey and utility mapping for the project.

KIMBERLY BARLING, PE
COMPLETE STREETS

EDUCATION
BS in Civil Engineering, University of California, Irvine

REGISTRATION
CA C92279

- ✓ More than 9 years of engineering experience
- ✓ Experience with a wide variety of complete street projects
- ✓ Extensive experience coordinating with multiple stakeholders

Kimberly has nine years of experience in projects across the Southern California region. She has guided and assisted project teams in roadway projects, roadway realignment, local roadway widening, grade separations, street beautification, and complete streets enhancements. In addition, she is experienced in preparing signing and striping plans, stage construction plans, and traffic control plans to ensure they meet with the required agency standards.

REPRESENTATIVE PROJECT EXPERIENCE

FIRESTONE BOULEVARD WIDENING, NORWALK

Project engineer providing support for the development of the drainage plans, green streets report, Engineer's cost estimate, and specifications. This roadway improvement project that will widen Firestone Boulevard to six lanes from Hoxie Avenue to Imperial Highway to accommodate the existing and projected traffic volumes. Phase 1 consists of two lanes in each direction with 10-foot sidewalks, on-street parking, and a variable width median within a right-of-way of 110 feet. This phase will be widened to six lanes as well as maintain on-street parking, sidewalks, and adding bicycle facilities.

LONG BEACH BOULEVARD COMPLETE STREETS, SOUTH GATE

Project engineer responsible for assisting with the conceptual design to meet the City of South Gate's goals to address safety and multi-modal deficiencies, improve pedestrian and bicycle environment, identify LID planter locations, and enhance the character of the corridor to one that better reflects the community. Over the past year, the project has moved forward, and we are currently working to complete bid documents for the City this Spring. Improvements will include ADA-compliant curb ramps, Class III bicycle facilities, enhanced crosswalks, traffic signal modifications and improvements, installing medians, restriping roadways, shade trees, plantings in the medians and sidewalks, and vegetated biofiltration areas for aesthetics and drainage.

PALOMAR STREET WIDENING, WILDOMAR

Project engineer for the final design and streetscape planning services being provided. The project includes over one mile of Palomar Street and Gruwell Street through the Old Town District of Wildomar perimeter walls, decorative landscape and hardscape, multi-use and equestrian trail facilities, Class II bicycle lanes, as well as bus facilities to accommodate all modes of travel but also maintaining the aesthetic theme of Old Town.

SAN FERNANDO ROAD IMPROVEMENTS, GLENDALE

Project engineer for the City of Glendale's PS&E project located on San Fernando Road between Elk Avenue and the northerly limit of the City of Glendale at Spazier Avenue. Scope of work includes rehabilitation of existing pavement and hardscape, include bicycle facilities, modifications to bus stop locations from near-side to far-side intersections, add raised medians and street beautification features south of Grandview, and include sewer repair north of the Grandview Avenue intersection. This project is a part of the Citywide Capital Improvement Projects (CIP), which contains 365 miles of streets and alleys. The City is investing approximately $457M in its paved roadway network.

COMPLETE STREETS PROGRAM CITY OF LOS ANGELES

At a previous firm, Kimberly served as a roadway engineer for the Completes Streets Program, which incorporates pavement resurfacing, sidewalk repairs, concrete bus pads, street trees, Vision Zero and Green Street Infrastructures into a combined project to extend the service life and more importantly, enhance pedestrian and traffic safety. This task order is the first of the program, consisting of six street corridors totaling 22 miles. The project scope includes more than 600 curb ramps to be replaced and damaged sidewalks to be repaired. Tasks include identification of sidewalk, curb and gutter, and ramp locations along the corridor that need to be reconstructed and repaired and design of curb ramps to meet required City and ADA standards.

UNIVERSITY DRIVE PROJECT, IRVINE

Roadway engineer for this project to improve the level of service through this corridor while providing congestion relief for residents, commuters, and students in the City of Irvine. HNTB prepared the infrastructure plans for the University Drive Widening from Ridgeline Drive to the I-405 on-ramp and include the final design, utility coordination, and permitting to provide a third through lane in the eastbound direction. Tasks included assisting in plan preparation, creation of figures for project report and review of potential project impacts (landscaping and utilities).

LIMONITE GAP CLOSURE, EASTVALE

While at a previous firm, Kimberly served as a design engineer who developed retaining walls, pedestrian plazas and flood control access road. In addition, she also assisted with construction detail plans. This project extended Limonite Avenue from its current terminus at Archibald Avenue to Hellman Avenue. The gap closure constructed a divided four-lane facility with 11-foot travel lanes. The project extended bicycle and pedestrian facilities with the construction of 12-foot Class 1 paths on both sides of the roadway. This project also constructed a 320-foot bridge over Cucamonga Creek Channel. A roundabout was constructed at driveway entrances. The gap closure provided a regional east-west connection from SR-71 to I-15.

RICKY CHAN, PE, TE, PTOE

TRAFFIC ENGINEERING

EDUCATION
BS in Civil Engineering, University of California, Irvine

REGISTRATION
CA C71389; TE 2673; PTOE 3658

- ✓ More than 24 years of traffic engineering experience
- ✓ Experience with a wide variety of traffic related projects
- ✓ Extensive experience coordinating with agencies

Ricky has 24 years of experience in transportation, traffic, and municipal engineering projects. Ricky is highly organized and manages projects using a hands-on style. He maintains close communication with clients and follows-through on tasks leading to project delivery. Ricky has worked on a variety of roadway, bikeway, and traffic related projects as well as site projects. Experience includes roadway geometrics, intersection widening, local street design, utility coordination, traffic engineering including design of signals, signing and striping, and traffic control design, construction inspection of traffic signal systems, and communication systems design, federal funding management, and PS&E projects.

REPRESENTATIVE PROJECT EXPERIENCE

JEFFREY / IRVINE CENTER DRIVE IMPROVEMENTS, IRVINE

Traffic engineer for providing final engineering design services for the proposed traffic signal modification, signing and striping, and stage construction plans for the Jeffrey Road/Irvine Center Drive intersection improvements project.

MONTEBELLO AS-NEEDED SERVICES, MONTEBELLO

Project engineer for on-call engineering services for citywide capital improvement projects consisting of a variety of infrastructure improvement projects including street and sidewalk, traffic signals, sewer pipes and lift stations, storm drain, water, landscaping and irrigation, street lighting, traffic signal, site and building improvements on city facilities such as parks and other institutional campuses; and repairs and modifications to city buildings, including electrical and mechanical repairs/ improvements. Scope of services include project management, conceptual to final design, utility coordination, permitting, development of contract documents, assistance with construction bidding and construction support. Services also include plan check services for private development projects and plan checking work produced by other consultants for city projects.

PALOMAR STREET WIDENING, WILDOMAR

Project engineer for the final design and streetscape planning services being provided. The project includes over one mile of Palomar Street and Gruwell Street through the Old Town District of Wildomar perimeter walls, decorative landscape and hardscape, multi-use and equestrian trail facilities, Class II bicycle lanes, as well as bus facilities to accommodate all modes of travel but also maintaining the aesthetic theme of Old Town.

SAN FERNANDO ROAD IMPROVEMENTS, GLENDALE

Project engineer for the City of Glendale's PS&E project located on San Fernando Road

between Elk Avenue and the northerly limit of the City of Glendale at Spazier Avenue. Scope of work includes rehabilitation of existing pavement and hardscape, include bicycle facilities, modifications to bus stop locations from near-side to far-side intersections, add raised medians and street beautification features south of Grandview, and include sewer repair north of the Grandview Avenue intersection. This project is a part of the Citywide Capital Improvement Projects (CIP), which contains 365 miles of streets and alleys.

YORBA LINDA BOULEVARD WIDENING AND SAVI RANCH PARKWAY WIDENING, YORBA LINDA

Senior engineer for final design services for the widening of Yorba Linda Boulevard and Savi Ranch Parkway that includes the bridge widening over the Santa Ana River. Scope of work includes PS&E for both as well as leading the efforts on regulatory permitting processes.

MEREDITH INTERNATIONAL CENTRE, ONTARIO

Traffic engineer for providing final traffic engineering design services for this off-site improvements of new realigned Inland Empire Blvd, Vineyard Avenue, Archibald Avenue, 4th Street, QVC Way (New), and Jay Street (New) within the project site. Services included field investigation, signing and striping design, new traffic signal/ existing traffic signal modifications (10 locations), signal communication (3 miles), street lighting, shop drawing review, and construction support.

GREAT PARK DEVELOPMENT - MARINE WAY IMPROVEMENTS, ORANGE COUNTY

Traffic engineer providing final engineering design services for the improvements of Marine Way from Sand Canyon Avenue to Bake Parkway, including improvements to Sand Canyon Avenue, Barranca Parkway, and Bake Parkway. Responsibilities included interim and final design of roadway improvements, signing and striping, traffic signal, signal communication, traffic handling and stage construction, traffic detour, construction support, and shop drawing reviews. Marine Way is a key backbone roadway for the development of the Orange County Great Park and its coinciding commercial and residential developments.

SOUTH HIGHLAND AVENUE AT MANGO AVENUE TRAFFIC SIGNAL, FONTANA

Project manager for signalizing and widening this T-intersection while constructing minor improvements including the construction of curb access return ramps to ultimate locations determined by the Circulation Master Plan, curb and gutter, and an asphalt concrete transition to the existing asphalt concrete pavement. Services included field investigation, utility research, utility mapping, utility potholing, sight distance analysis, street improvements, signing and striping, traffic signal, coordination with SCE, signal communication, street lighting, shop drawing review, and construction support.

PAUL MARTIN, PE, TE, LCI
ACTIVE TRANSPORTATION

EDUCATION
BS in Civil Engineering, University of California, Irvine

REGISTRATION
CA C65868; CA TR2315; LCI 4936

- ✓ More than 25 years of engineering experience
- ✓ Managed a wide variety of transportation planning projects
- ✓ Extensive knowledge of public agency procedures

Paul has more than 25 years of experience as a transportation manager and traffic engineer. He has a strong engineering and planning background that is focused on improving public travel and safety. Paul's expertise includes active transportation, community engagement, traffic engineering, and strategic funding programs. As the first countywide Active Transportation Coordinator for OCTA, Paul secured over $6 million in ten distinct grants to address infrastructure and non-infrastructure needs.

REPRESENTATIVE PROJECT EXPERIENCE

MENDEZ HISTORIC FREEDOM TRAIL, WESTMINSTER

Project manager responsible for initiating concept for roadway reallocation to provide the first cycletrack in the City of Westminster. Supported City engagement with the CPUC related to adjacent active rail corridor. Positioned the City to seek regional *Go Human* event funding illustrating pop-up cycletrack in 2016 which later led to securing $2.4 million in funding to implement the Mendez Historic Freedom Trail. The trail will provide an outdoor education opportunity related to the historic Mendez school desegregation case while also serving to manage stormwater runoff and provide a high quality bikeway for students and community members.

COUNTY-WIDE ACTIVE TRANSPORTATION PLAN (OC ACTIVE), ORANGE COUNTY

Project manager responsible for securing an Active Transportation Program 2015 grant to prepare the first county-wide Active Transportation Plan covering both bicycle and pedestrian topics. Branded OC Active, the study updated the prior bicycle master plan and created pedestrian heat maps showing the highest need areas in all 35 jurisdictions. Creative outreach included engagement with schools for a chalk-based art contest related to walking and biking and tabling events at over 70 unique community events county-wide.

SANTA ANA VISION ZERO, SANTA ANA

Funded by SCAG, Paul is the project manager overseeing the development of planning level, conceptual plans and estimates for five priority projects. The conceptual engineering plans will utilize proven safety countermeasures developed through the Vision Zero planning document under preparation by others. Paul is providing support another firm for the preparation of the planning document and overseeing the engineering concept plans which will be leveraged for future grant pursuits for implementation funding. This work will also help to further SCAG's regional transportation goals and strategies.

SYSTEMIC SAFETY ANALYSIS REPORT (SSAR), MONTEBELLO

Project manager for the preparation of an SSAR for the City of Montebello. The report involves analyzing crash history throughout the jurisdiction and identifying key intersections and roadway segments for further analysis. The analysis will include identification of safety countermeasures and preliminary benefit cost ratios. The project also involves preparing 30% designs and cost estimates for the recommended projects.

GO HUMAN ENCOURAGEMENT EVENTS, ORANGE COUNTY

Regional agency liaison responsible for the promotion of the SCAG program to host non-infrastructure encouragement activities at seven jurisdictions throughout county. Each event demonstrated a proposed capital infrastructure improvement through use of temporary materials and equipment. The events showcased engineering concepts long before preparation of full design plans and garnered community and elected officials support for implementation.

FREEWAY RAMP ACTIVE MOBILITY ENHANCEMENT STUDY (FRAMES), ORANGE COUNTY

Project manager for this study for Caltrans D12 advancing the local California Active Transportation (CAT) Plan, which identified high priority active transportation needs along and across the state highway system. FRAMES analyzed freeway ramps to document needs and developed solutions for improved safety by people walking and cycling at the junction with local arterial roadways. The technical study utilized available data sets and existing conditions to advance the Caltrans D12 Active Transportation Plan (D12 CAT Plan) which utilized public and stakeholder input to establish three tiers of priority improvement locations within Orange County.

STANDARD AVENUE BIKEWAY, SANTA ANA

Project manager leading the community engagement and engineering design for the project to redesign two miles of Standard Avenue to include buffered bicycle lanes, cycletrack, and bicycle boulevard. Key challenges that were addressed through the project include on-street parking preservation, sight distance analysis, constrained right-of-way, protected intersection design, utility and drainage impacts, transit operations at the intersection, and storm drain and power pole relocations.

LYNN ODGIIV, PE, SE
BRIDGES & STRUCTURES

EDUCATION
BS in Civil Engineering, Arizona State University
MS in Structural Engineering, Illinois Institute of Technology

REGISTRATION
CA C86869; SE 6838

- ✓ More than 17 years of bridge structural engineering experience
- ✓ Experience with local agencies
- ✓ Extensive experience managing bridge projects

Lynn has 17 years of experience in bridge structural engineering for transportation structures with an emphasis in the analysis, design, and inspection of highway bridges, earth retaining structures, and other structures. She has been responsible for leading and managing bridge-specific projects of various sizes, from a small rehabilitation work with local agencies to large full segment structures with Caltrans and OCTA, overseeing the design and analysis calculations of bridge structures, preparing construction plan, specifications, quantities, and cost estimates, and various bridge type selection reports.

REPRESENTATIVE PROJECT EXPERIENCE

CANNON STREET WIDENING, ORANGE COUNTY
Structural engineer responsible for the structure design, hydraulic analysis, geotechnical investigation and environmental clearance, and permitting for the widening of Cannon Street between Santiago Canyon Road and Serrano Avenue. This vital project will address the heavy regional traffic during the afternoon peak hours that are bypassing congestion on adjacent freeways. In the southbound direction, pedestrian and bicycle traffic will be pulled off Cannon Street and directed onto a new prefabricated bridge spanning over Santiago Creek.

2ND STREET BRIDGE REPLACEMENT OVER WARM CREEK, SAN BERNARDINO
Bridge engineer on the project to replace the existing two-span timber bridge with new single span cast-in-place prestressed concrete slab type bridge. Lynn performed 65% design calculations.

I-5/JOST BIKE AND PEDESTRIAN BRIDGE, IRVINE
Bridge engineer responsible for preparing the Type Selection Report and 35% design for a new bicycle and pedestrian bridge over I-5 in the City of Irvine. The 1,300-foot-long bridge will connect portions of JOST, a Class I multi-use trail traversing the city. The new bridge requires coordination with Caltrans District 12 and Caltrans OSFP. The bridge will include development of bridge aesthetics including decorative fencing, lighting, barriers, and concrete textures. The project also requires new retaining walls, grading, pavement delineation, signage, and stage construction/traffic control.

SOUTH PALM CANYON DRIVE BRIDGE REPLACEMENT AT TAHQUITZ CREEK CHANNEL, PALM SPRINGS
Bridge engineer on the project to replace the existing structurally deficient single-span slab girder bridge with new wider cast-in-place concrete girder structure. Lynn prepared the

Structure Type Selection Report and was involved with 65% design calculations.

JAMBOREE/MICHELSON PEDESTRIAN BRIDGE, IRVINE

Bridge engineer on the design of a new pedestrian bridge across Jamboree Road in the business district of Irvine. Provided PA&ED and PS&E phase engineering services as part of an on-call contract with the City of Irvine. The design includes elevators and outreach/consensus building with the developers on either side of the bridge. concrete girder structure. Lynn prepared the Structure Type Selection Report and was involved with 65% design calculations.

SR 91 FROM ACACIA STREET TO LA PALMA AVENUE SEGMENT 3, ORANGE COUNTY

Senior bridge engineer responsible for various bridges, replacement and new, design during Type Selection and final PS&E phases for final PS&E to add a westbound general-purpose lane through the SR 91/ SR 57 system interchange area. Three freeway-to-freeway connectors, and three local interchanges are affected by the improvements. The La Palma Avenue bridge over SR 91 will be replaced, and the State College Boulevard bridge will be widened.

CHATHAM STREET BRIDGE REHABILITATION BLUE ISLAND

Structural engineer for the final design of the rehabilitation project of a 300-foot-long thru-truss bridge over the Cal-Sag Channel. The structure was closed to traffic due to deterioration. The proposed rehabilitation converts the bridge to pedestrian only as part of a larger Cal-Sag pedestrian trail construction project.

I-5 PA/ED AVENIDA PICO TO SD COUNTY LINE, ORANGE COUNTY

Structural lead of the project, responsible for overseeing bridge replacement, bridge widen, and various retaining walls design during PA/ED phase for southern segment of the project limits, which is to study an extension of the HOV facility to the Orange County/San Diego County line, while generally staying within the existing right-of-way. As part of the study, preliminary impacts to environmental resources, structures, utilities, and traffic will be analyzed.

VICTORIA AVENUE UNDERCROSSING AND PIONEER AVENUE UNDERCROSSING WIDENING, SAN BERNARDINO

Bridge engineer on the widening of I-210 to provide one additional mixed-flow lane in each direction required the widening of existing concrete bridges. Both Victoria Avenue and Pioneer Avenue Undercrossing widenings are single span bridges with left and right bridges separated by median gap. The project proposed to widen the superstructure and substructure with in-kind structure types. Lynn was involved with Type Selection Reports for both bridges, and 65% design calculations, preparations, and quantity estimate calculations for the Victoria Avenue Undercrossing.

JINGWIN GUO, PLA
STREETSCAPE

EDUCATION
BS in Landscape Architecture, South China Agricultural University
MS in Landscape Architecture,California State Polytechnic University, Pomona

REGISTRATION
CA PLA 6563

- ✓ More than 12 years of landscape design experience
- ✓ Experience with local agencies
- ✓ Extensive experience managing a variety of landscape projects

Jingwen has 12 years of experience in landscape design. She is an experienced landscape architect who has participated in a variety of projects in California and internationally, including urban planning, parks, schools, campus, commercial, residential community, senior housing, and mixed-use landscape design. She manages projects during the full project scope from conceptual design through construction administration. She has been a main contact for project clients, design teams, and government agencies.

REPRESENTATIVE PROJECT EXPERIENCE

CANNON STREET WIDENING, ORANGE COUNTY
Landscape architect for the widening of Cannon Street between Santiago Canyon Road and Serrano Avenue. This vital project will address the heavy regional traffic during the afternoon peak hours that are bypassing congestion on adjacent freeways. In the southbound direction, pedestrian and bicycle traffic will be pulled off Cannon Street and directed onto a new prefabricated bridge spanning over Santiago Creek.

FIRESTONE BOULEVARD WIDENING, NORWALK
Landscape architect responsible for landscape design for this roadway improvement project that will widen Firestone Boulevard to six lanes from Hoxie Avenue to Imperial Highway to accommodate the existing and projected traffic volumes. Phase 1 consists of two lanes in each direction with 10-foot sidewalks, on-street parking, and a variable width median within a right-of-way of 110 feet. This phase will be widened to six lanes as well as maintain on-street parking, sidewalks, and adding bicycle facilities.

LIMONITE GAP CLOSURE, EASTVALE
Landscape architect responsible for providing landscape design for a gap closure in the existing Limonite Avenue corridor. The project will include a 2,450-foot 4-lane roadway, Class IV protected bikeways, wide sidewalks, new bridge over the Cucamonga Creek channel, and bridge aesthetics and landscape architecture. The bridge over the channel will be 377-foot bridge three span concrete bridge and a challenging 60-degree skew. Additionally, the City wants to construct a new bicycle/pedestrian bridge for the Class I trail located within the SCE right of way.

SAN FERNANDO ROAD IMPROVEMENTS, GLENDALE
Landscape architect supporting the City of Glendale's PS&E project located on San

Fernando Road between Elk Avenue and the northerly limit of the City of Glendale at Spazier Avenue. Scope of work includes rehabilitation of existing pavement and hardscape, include bicycle facilities, modifications to bus stop locations from near-side to far-side intersections, add raised medians and street beautification features south of Grandview, and include sewer repair north of the Grandview Avenue intersection. This project is a part of the Citywide capital improvement projects (CIP), which contains 365 miles of streets and alleys. The City is investing approximately $457M in its paved roadway network.

GREEN VALLEY ROAD MULTI-USE TRAIL IMPROVEMENT, SANTA CRUZ

Landscape for this improvement project for a multi-use trail located north of the City of Watsonville in the unincorporated area of Santa Cruz County between Airport Road and Mesa Verde Drive. The project includes roadway improvements, construction of an 8-foot to 10-foot wide multi-use trail and transit stop enhancements spanning two miles along a well-traveled and high speed road with sporadic existing facilities for pedestrians and bicyclists.

JEFFREY / IRVINE CENTER DRIVE IMPROVEMENTS, IRVINE

Landscape supporting the widening of the intersection at Jeffrey Road and Irvine Center Drive to enhance capacity and improve operations. This project needs coordination with the adjacent trail project that traverses through the project site, parallel to Jeffrey Road in the SCE-owned parcels.

LONG BEACH BOULEVARD COMPLETE STREETS, SOUTH GATE

Landscape architect providing landscape and urban design services for the Long Beach Boulevard project. The project consists of a five-lane, 70-foot wide heavily traveled auto-oriented primary arterial traversing north-south through the City. This crucial corridor currently lacks bicycle facilities and many of the intersections lack modern crosswalks and ADA-compliant curb ramps. Improvements will include ADA-compliant curb ramps, Class III bicycle facilities, enhanced crosswalks, shade trees, plantings in the medians and sidewalks, and vegetated biofiltration areas for aesthetics and drainage.

ON-CALL GENERAL ENGINEERING SERVICES, MARIN TRANSIT

Landscape architect provided preliminary engineering and final design services to improve Marin Transit bus stops throughout Marin County. Mark Thomas' services included preliminary investigations to identify opportunities and constraints to prioritize improvement locations and outreach to public works staff for multiple cities, towns, and the County to define project requirements. We prepared PS&E for the construction of bus stop improvements at 10 locations. The improvements included new and reconstructed sidewalks, curb and gutter, installation of new bus stop shelters, benches, and trash receptacles.

Terry J. Nash, P.E., ENV SP

Senior Vice President – Transportation Sector

Education

B.S., 1997, Civil Engineering, University of Arizona

Certifications

Professional Civil Engineer (PE):
CA #87096 (exp 6/30/23)
AZ #36666 (exp 9/30/23)
WA #51018 (exp 5/22/23)

Envision Sustainability Professional (ENV SP)

Memberships & Affiliations

Member, American Public Transportation Association (APTA) – Light Rail Committee
Member, Los Angeles Chamber of Commerce – Transportation and Goods Movement Council

Years of Experience

26

Years with Cordoba

Less than 1 year

Location

Los Angeles, CA

About Terry Nash

Terry Nash has extensive experience leading large, complex transit capital projects through project development and delivery phases, and has delivered projects in alternatives analysis/planning, project risk identification and assessment, preliminary engineering, and final design/alternative delivery phases. Terry has served as project manager and engineer-of-record on a variety of transit projects, with an emphasis on project development and delivery within dense urban environments. He is proficient in managing and coordinating all aspects of design, from conceptual layout, alternatives development, capital and operating costs, and impact analysis to final plans, specifications, estimates, and bidding documents.

Project Experience

Engineering Manager, LA Metro Eastside Light Rail Phase 2 Extension, Los Angeles, CA (2018-Present) - As part of joint venture with Cordoba, Terry led a team of engineers and architects to define the technical components of the Eastside Phase 2 alternatives. Terry employed an innovative approach of early "tiger teams" to address critical project issues while concurrently performing survey and geotechnical data collection necessary for design; eventually leading to the production of engineering drawings and reports for two 9-mile light rail alignments in support of a Draft Environmental Impact Report. (12/2018 – 2020)

Project Manager, Glendale-Burbank Regional Streetcar Feasibility Study, Glendale, CA - The City of Glendale conducted a feasibility study for a potential streetcar line connecting downtown Glendale's center of commercial, retail, and residential centers with the regional Metrolink Commuter and Amtrak rail station. Terry serves as project manager for the study, leading a team focused on identifying alignment, station location, multimodal access, ridership potential, cost, schedule, and recommended next steps for project development, funding, and implementation.

Project Manager, Orange County Transportation Authority OC Streetcar Final Design, Santa Ana, CA (2015-2018) - Terry serves as project manager for this $300 million, 4.15-mile streetcar project. Project services include final design for all elements of the project, including civil, track, stations, systems and a maintenance facility. The Orange County Streetcar will travel along a route from the Santa Ana Regional Transportation Center, through Downtown Santa Ana and the Civic Center, along the Pacific Electric right-of-way; connecting the Santa Ana Regional Transportation Center and a new transit hub at Harbor Boulevard and Westminster Avenue in Garden Grove. On the current schedule, construction for the Orange County Streetcar began in 2018, with expected service to begin carrying passengers in late 2024. Terry led a team of 50 professionals to deliver each milestone on time and under budget and received praise from Orange County Transportation Authority for the team's ability to deliver creative solutions, mitigate risks and support them through their first-ever FTA New Starts capital grant application. The team spans more than 10 offices and integrates planning, design, risk analysis and safety/security management.

APPENDIX-
SUBCONULTANT RESUMES

MARK THOMAS

CITY OF PICO RIVERA
On-Call Engineering Services

Ray Kommidi, PE, TE

Senior Project Manager

LIN Consulting, Inc.
Traffic, Civil, and Electrical Consulting Engineers

EDUCATION

MS, 2003, Civil Engineering
Clemson University

BS, 2001, Civil Engineering
Osmania University, India

LICENSES

Professional Civil Engineer, CA, 76481
Professional Traffic Engineer, CA, 2591

YEARS OF EXPERIENCE: 21 years

Mr. Kommidi is a licensed Civil and Traffic Engineer in State of California with in-depth experience in the field of Traffic, Civil and Electrical Engineering. Mr. Kommidi has over 20 years of work experience in design and management of projects involving, traffic signal modification/installation, signing and striping, traffic handling during construction and, street and pedestrian lighting modification/installation. He also has in-depth experience performing traffic signal pre-emption calculations and traffic studies using various computer analysis tools such as SYNCHRO, HCS and TRAFFIX.

RELEVANT PROJECT EXPERIENCE

San Gabriel Valley Council of Governments (SGVCOG), Montebello Avenue Grade Separation Project (Montebello, CA) Lead Task Manager. The SGVCOG, in association with the City of Montebello and Union Pacific Railroad (UPRR) proposed a grade separation at the railroad crossing on Montebello Boulevard and pedestrian overcrossing bridge at Maple Avenue and installing safety improvements, for enhanced safety at the crossings, on Maple, Greenwood and Vail Avenues. Mr. Kommidi was responsible for the preparation of the traffic study report in Phase I of the project. The traffic study reviewed the proposed Montebello Grade Separation Project and analyzed the impacts of the proposed project on the study area (47 study area intersections and 16 roadway segments) from a traffic engineering point of view and recommend mitigation measures. The TMP evaluated various strategies to provide congestion relief during the construction of the project by managing traffic flow and balancing traffic demand through the project area. LCI staff prepared PS&E for signing and striping, traffic signal design, traffic handling and detour and street lighting design. As part of the at-grade improvements LCI staff also developed traffic signal preemption calculations for the intersections of Mines Ave/Vail Ave and Greenwood Ave/Truck Wy.

City of La Mirada, Santa Gertrudes Avenue Corridor Traffic Signal Upgrade Project (La Mirada, CA) Project Manager and Engineer of Record. The Capital Improvement Project No. 2018-07, Santa Gertrudes Avenue Corridor Traffic Signal Upgrade Project consists of preparation of traffic signal improvement plans, specifications, and engineers estimate at four (4) intersections. Mr. Kommidi was in charge of the preparation of preparation of PS&E for the four intersections. LCI was also tasked with preparation of a technical memo for proposed phasing on northbound and southbound Santa Gertrudes Avenue at Foster Road. As part of the phasing analysis memo, LIN Consulting conducted turning movement and left turn residual queue counts at the intersection of Santa Gertrudes Ave and Foster Rd and compiled the information provided by the City of La Mirada and County of Los Angeles to prepare a brief memorandum summarizing analysis and recommended traffic signal phasing for the intersection of Santa Gertrudes Avenue and Foster Road. The project is currently under construction and City of LA Mirada retained LCI to provide Design Services During Construction.

City of Bakersfield, Rosedale Highway Widening (Bakersfield, CA) Project Manager. The Rosedale Highway Widening Project widened the highway at the project locations within the City, County and Caltrans right-of-way. Mr. Kommidi prepared plans for a TMP, temporary and permanent signal modification, flashing beacon, street lighting, Closed Circuit Television System (CCTV) and Changeable Message Sign (CMS) system. As part of the project, an interconnect cable had to be designed for a rail crossing within Caltrans right-of-way.

Farveh Makhssous

Principal Planner

Education

B.A., Architecture, University of Minnesota, Twin Cities, MN, 2009

Memberships & Affiliations

Metropolitan Council Livable Communities Advisory Committee (LCAC), Site Design, Architecture, Land Planning Specialty Member
Young Leaders Group (YLG) Executive Committee Co-Chair, ULI Minnesota Chapter
Urban Land Institute (ULI)
American Planning Association (APA)

Years of Experience

14

Years with Cordoba

Less than 1

Location

Santa Ana, CA.

About Farveh

Farveh Makhssous is a Principal Planner with over 14 years of experience working on a wide range of projects such as transportation and transit planning, public engagement and communication, environmental planning, land use planning, economic development, and comprehensive and long-range planning. Farveh has extensive and diverse experience working with municipalities, public agencies, private firms, and nonprofit organizations. Farveh is well regarded for her outstanding project leadership and exceptional relationship-building skills. Throughout her planning career whether in the private or public sector Farveh has always stayed true to her passion for building livable communities with the consideration of equity and diversity. She is experienced in managing large and complex projects, understands client needs and priorities, and is skilled at tying those needs back into the stakeholder engagement and ongoing communication between team members and project partners.

Farveh's transportation planning experience consists of local government and DOT transportation plans, planning and environmental linkages studies (PEL), visioning and corridor studies, subarea studies, mobility analysis, system interchange study, managed lane/HOV system study, congestion management safety plans, and EV and connected corridor program.

Project Experience

Senior Transportation Planner; Bolton & Menk, Inc., Minneapolis, MN (July 2022 – November 2023).
Project management and technical lead in transportation planning, corridor studies, subarea studies, and long-range planning projects for DOT, MPO, local municipalities, and county clients. Staff management, business development, relationship building, client service management, and proposal writing. Manage and facilitate public engagement process, project communication and messaging. Conduct environmental reviews such as EAW, AUAR, and develop technical reports.

Senior Planner; Sambatek Inc., Minnesota, MN (November 2014 – July 2022).
Planning Group Lead. Write proposals, business development, and manage projects. Conduct transportation planning projects, corridor studies, subarea studies, LRT, TOD, and long-range planning projects for DOT, MPO, local municipalities, and county clients. Build relationships with clients and project stakeholders. Facilitate public participation process, project communication, and messaging. Conduct environmental reviews such as EAW, AUAR, Hybrid EA, and technical report writing.

Planning Consultant; City of Maple Grove, MN (September 2013 – June 2015).
Review development projects, residential permit applications, and develop architectural project point system for residential project. Manage Green Step Cities Program for the City of Maple Grove. Develop Form Based Codes for the Maple Grove Gravel Mining Area. Manage Green Gateway Sustainable Neighborhood Development Plans. Conduct research and data analysis, technical writing, and ArcGIS analysis and maps.

DANIELA BORBE, PMP

PROJECT MANAGER

monument

Daniela has over 20 years of industry experience and possesses an extensive knowledge of all aspects of the real estate and right-of-way process. Over the span of her career she has managed numerous projects and successfully completed over 5,000 acquisitions and relocations for public improvement projects. She is responsible for the management of her acquisition and relocation staff and the budget and critical paths for each of her team's projects. Daniela is knowledgeable in Federal, State and local laws, regulations, and policies related to eminent domain, easements, rights of entry, and other right-of-way technical and legal activities involved with the formal process of acquiring right-of-way.

21 YEARS EXPERIENCE
4.5 YEARS WITH MONUMENT

EDUCATION

BACHELORS DEGREE
Public Administration, Babes Bolyai University, Romania

LICENSES

REAL ESTATE SALESPERSON
State of California
CA#01511932

PROJECT MANAGEMENT PROFESSIONAL (PMP)
Project Management Institute

NOTARY PUBLIC
State of California

AFFILIATIONS

IRWA
International Right-of-Way Association

WTS
Women's Transportation Seminar

FUN FACT!

Daniela came to America from her native country Romania and jumped right into the world of right-of-way. After a brief stint selling corduroys at JCPenney, she took a job at a local right-of-way company answering phones even though she barely spoke English. Through hard work and perseverance, she grew into the fierce professional

PROJECT EXPERIENCE

SOUTH LAGUNA TUNNEL STABILIZATION AND SEWER REPLACEMENT PROJECT
South Coast Water District I South Laguna Beach, CA
Daniela has been working with South Coast Water District for over ten years. This project widened and improved an underground sewer tunnel spanning two miles of Pacific Coast Highway. The project involved acquiring upgraded easements, new easements, and fee interest from over 214 properties. Daniela continues to provide acquisition services in additional phases of the project to date.

SANTA ANA WATER RESOURCES PROJECTS
City of Santa Ana I Santa Ana, CA
The Monument Team is providing right-of-way services for the city of Santa on multiple projects for their Public Works department. These projects involve a variety of services including project management, negotiations and acquisitions, title and escrow coordination, appraisal oversight, relocation services, and Caltrans oversight. As Project Manager, Daniela works closely with the City of Santa Ana Water Department to provide project oversight for the implementation of the Water Department's applicable right-of-way services. Recently, she developed and prepared acquisition formats and provided recommendation summaries of the right-of-way impacts facing the City. Daniela and the Monument Team prepared acquisition documents, negotiated with property owners, provided relocation services, provided escrow coordination, researched the local market for available properties to fit the City's needs, identified the fair market rents, and compiled reports. Daniela also recently negotiated with property owners on voluntary acquisition of land.

INTERSTATE 405 IMPROVEMENT PROJECT
Orange County Transportation Authority I Orange, CA
Daniela was the Senior Project Manager providing project management oversight for the implementation of acquisition and relocation for this design-build project that will widen approximately 16 miles of active freeway between the SR-73 freeway in Costa Mesa and I-605 near the L.A. County line. She provided project management and acquisition services for the partial acquisition of 288 parcels. Daniela was also responsible for oversight and management of cost controls (including document control/budgets), schedules, and risk assessment.

BASTANCHURY WIDENING
City of Yorba Linda I Yorba Linda, CA
Daniela was the Project Manager for this project constructing road improvements along Bastanchury Road between Casa Loma Avenue & Eureka Avenue. The project improvements were constructed entirely within the public right of way with local funds. Daniela successfully negotiated voluntary right of entries for 8 properties. Additional services included optional

BJ SWANNER

PROJECT MANAGER

monument

16 YEARS EXPERIENCE

BJ has over 16 years of experience managing right-of-way programs for a variety of public infrastructure projects from small to large. He has demonstrated experience managing projects, as well as developing and implementing technological solutions to real estate challenges utilizing GIS and other systems. Throughout his career, BJ's focus has been on supporting engineers and planners during the pre-acquisition phases of project development. As a recognized leader in the Southern California right-of-way profession, he is knowledgeable about local markets and infrastructure, and has relationships with key stakeholders in the region.

EDUCATION

BACHELORS
Geography, GIS and Remote Sensing,UCLA

TRAINING

ALLIED BUSINESS SCHOOLS
Real Estate Principles
Real Estate Practice
Real Estate Appraisal

PROJECT MANAGEMENT INSTITUTE (PMI)
Managing Multiple Projects
Agile Project Management
Certified Scrum Master

FUN FACT!

When he isn't developing software or managing projects, BJ can be found in the great outdoors. He is an avid trail runner, likes to compete in triathlons, and spends time rock climbing and mountaineering.

PROJECT EXPERIENCE

INGLEWOOD TRANSIT CONNECTOR
City of Inglewood I Inglewood, CA
The ITC Project is a 1.6-mile-long elevated automated people mover that will provide direct connections between the LA Metro Crenshaw/LAX Line and Inglewood's major employment, commercial, housing, sports, and entertainment centers. Monument is assisting the City of Inglewood with strategic planning and implementation. This includes 60 business relocations and 70 acquisitions. BJ is Monument's Project Manager for this landmark Project and has been involved in both the planning phase, as well as the right of way acquisition and relocation phase. During planning, BJ conducted initial right-of-way impact analyses and relocation studies, and cost estimates to support project programming. During the right-of-way acquisition phase, BJ has been managing a team of appraisers and agents to acquire the necessary rights for the project and relocate displaced businesses.

SEPULVEDA PASS TRANSIT (TUNNEL)
Los Angeles County Metropolitan Transportation Authority I Los Angeles, CA
This project consists of a proposed transit facility comprised of over 18 miles of subterranean tunneling which will connect West Los Angeles to the San Fernando Valley. Monument is working with the design team to evaluate the right-of-way impacts for various alignment options being considered. BJ is managing Monument's team of analysts and agents who are providing right of way impact analysis in support of the design and planning efforts. BJ is coordinating closely with the design team and Metro Real Estate staff to document the likely right-of-way requirements and estimate the cost to acquire property rights. This includes over 600 acquisitions, over 400 residential relocations, and over 120 business displacements.

ARROYO SECO PARKWAY SAFETY ENHANCEMENT PROJECT,
Caltrans District 7 I Pasadena, CA
BJ performed right-of-way project development, planning, cost estimation, and Caltrans right-of-way data sheets for planned improvements along the SR-110 Arroyo Seco Parkway. Proposed improvements for the Arroyo Seco Parkway will enhance safety and operations by addressing existing traffic conflicts and allowing vehicles more efficient ingress and egress from the on- and off ramps along the parkway.

PA&ED, PS&E, AND UTILITY INVESTIGATIONS FOR I-105 EXPRESS LANES
Los Angeles County Metropolitan Transportation Authority I El Segundo to Norwalk, CA
BJ prepared Caltrans Right- of-way Data Sheets to inform engineering technical studies required to complete the Project Approval and Environmental Document. BJ and his team reviewed impacts to private properties, Metro and freight rail corridors, and estimated the likely acquisition and permitting costs. During final design of the western segment, BJ ordered and reviewed title reports to identify potential real estate conflicts and title issues. This included analysis of how the project would impact Los Angeles County Flood Control District-owned property. BJ also provided Quality Oversight of the utility investigations and utility coordination tasks on behalf of the design team. Metro is adding Express Lanes in each direction on the I-105 Corridor between the Imperial Highway / Sepulveda Blvd. Intersection and Studebaker Road.

CATHERINE SAINT | SENIOR ENVIRONMENTAL PLANNER

PROJECT MANAGER, ENVIRONMENTAL

Ms. Saint is a resourceful, solution-oriented professional with experience working in local and regional government, research, and environmental consulting. At GPA, she manages the preparation of all levels of technical study and environmental documentation pursuant to both the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA). Prior to GPA, Ms. Saint was a Federal Transportation Improvement Program (FTIP) and Regional Transportation Plan (RTP) coordinator for the Highway Programs department at Los Angeles County Metropolitan Transportation Authority (Metro). She ensured consistency with regional plans and related local, state, and federal planning processes. She managed more than 20 Measure R and Measure M subsidy grants totaling more than $100 million in improvements in Los Angeles County, developing project cashflows and assisting with fiscal year budgets. She also provided support with public outreach coordination between public and private agencies.

EDUCATION

M.U.P., Harvard University, Graduate School of Design, 2021

B.A., Environmental Studies, High Honors, University of California, Santa Barbara, 2016

YEARS OF EXPERIENCE

8

YEARS WITH FIRM

2

SELECTED PROJECT EXPERIENCE

Telfair Avenue Multimodal Bridge, Los Angeles. The City of Los Angeles Department of Public Works, Bureau of Engineering (LABOE), in cooperation with the U.S. Army Corps of Engineers (USACE) and the Los Angeles County Flood Control District (LACFCD), proposes to construct the Telfair Avenue Multi-Modal Bridge over the Pacoima Wash, a concrete-lined channel that is owned by the LACFCD, between La Rue Street and Del Sur Street. Ms. Saint is the project manager, directing the preparation of an Environmental Assessment (EA), Biological Resources Assessment, and Cultural Resource Assessment Report. She is also managing the Archaeological Survey Report being prepared by a subconsultant.

Broadway Streetscape Improvements, Los Angeles. The LABOE, in cooperation with the California Department of Transportation (Caltrans) District 7, proposes to implement streetscape improvements along Broadway Street that were adopted in 2016 as part of the Broadway Streetscape Master Plan. GPA prepared and submitted a Preliminary Environmental Study (PES) for the project through Caltrans Local Assistance, which will lead to a CEQA Categorical Exemption (CE) and NEPA Categorical Exclusion (CE). GPA is preparing historical resource technical studies and managing the subconsultant preparing the Initial Site Assessment (ISA). Ms. Saint is the project manager.

Broadway-Manchester Active Transportation (ATP Cycle 4), Los Angeles. The Broadway-Manchester Active Transportation Equity Project lies along a 2.8-mile corridor of Manchester Avenue and Broadway located in South Los Angeles. The project provides for pedestrian and cyclist enhancements, including the reduction in traffic lanes for a Class IV cycle track along Broadway, continental crosswalks, a center median pedestrian refuge island, sidewalk improvements, curb extensions, upgraded access ramps, and pedestrian signals. Ms. Saint managed the preparation of a PES and technical studies to support a NEPA CE and CEQA CE. Because the project lies in a paleontologically sensitive area and construction activities may have potentially significant impacts on paleontological resources, GPA is managing the preparation of a Paleontological Resource Impact Mitigation Program (PRIMP) being prepared by a subconsultant. The PRIMP requires an Initial Study/Mitigated Negative Declaration (IS/MND). GPA is preparing the IS/MND.

San Gabriel Intersection Improvements, Los Angeles County. The City of San Gabriel, in cooperation with the Los Angeles County Metropolitan Transportation Authority (Metro), proposes to implement traffic safety and operational improvements at the Valley Boulevard and Del Mar Avenue Intersection. Ms. Saint was the project manager, directing the preparation of the IS/MND and Mitigation Monitoring and Reporting Program (MMRP) for compliance with CEQA, and managing the preparation of technical studies related to biological resources, historical resources, air quality, noise, hazardous materials, and visual resources to support the CEQA IS/MND.

Imperial Highway Capacity Enhancements, Los Angeles County. Metro, in cooperation with the City of Lynwood, proposes improvements to Imperial Highway between State Street and Wright Road. These improvements are part of the Interstate 710 Corridor Improvement Project Early Action Program to complete environmental approval and 35% engineering for signal synchronization at 11 intersections with additional geometric improvements at six of those intersections. Ms. Saint managed the preparation of a Biological Resources Memorandum, Visual Impact Assessment and Built Environment Analysis, and the subconsultant preparing air quality and noise studies. These studies supported the issuance of a CEQA CE.

JENNIFER JOHNSON | SENIOR ASSOCIATE BIOLOGIST

BIOLOGICAL RESOURCES AND PERMITTING LEAD

EDUCATION
B.S., Marine Biology, California State University, Long Beach, 2008

YEARS OF EXPERIENCE
16

YEARS WITH FIRM
12

CERTIFICATIONS
Certified *Caulerpa taxifolia* surveyor under the Caulerpa Control Protocol, March 2023

Ms. Johnson has worked in the environmental field since 2011. She is a project manager and staff supervisor. She conducts database research, habitat assessments, mapping, technical reports, regulatory permit applications, construction monitoring, and restoration monitoring. Her expertise includes compliance pursuant to the National Environmental Policy Act (NEPA), California Environmental Quality Act (CEQA), federal and state Endangered Species Acts, Clean Water Act, California Fish and Game Code, and other environmental laws. Ms. Johnson is experienced in conducting biological surveys for black abalone, steelhead, arroyo toad, western burrowing owl, western pond turtle, nesting birds, bats, eelgrass, and Caulerpa. Her experience includes working with local and state agencies, and several counties and cities throughout California. Ms. Johnson has experience coordinating with regulatory agencies including the U.S. Army Corps of Engineers (USACE), U.S. Fish and Wildlife Service (USFWS), California Department of Fish and Wildlife (CDFW), and the Regional Water Quality Control Board (RWQCB). Prior to working for GPA, Ms. Johnson was a contracting biologist for the National Marine Fisheries Service (NMFS) and assisted with Endangered Species Act listing decisions and critical habitat designations for endangered species, including green sturgeon and black abalone.

SELECTED PROJECT EXPERIENCE

6th Street Viaduct Replacement, Los Angeles. The City of Los Angeles Department of Public Works, Bureau of Engineering (LABOE), in cooperation with the California Department of Transportation (Caltrans) District 7, replaced the Sixth Street Viaduct in Los Angeles. GPA performed construction monitoring and nesting bird surveys. Ms. Johnson managed the project during the construction of the new viaduct and preparation of the annual reports for the RWQCB. Prior to construction, Ms. Johnson performed pre-construction bat surveys on the viaduct and adjacent viaducts to determine the presence of bats and potential for alternative roosting sites. She also assisted with the Clean Water Act Section 401 Water Quality Certification Permit Renewal.

1st Street Bridge Over Glendale Boulevard Rehabilitation, Los Angeles. The LABOE, in partnership with Caltrans District 7, proposed to widen and seismically retrofit the 1st Street Bridge over Glendale Boulevard. Ms. Johnson conducted an evening bat emergence survey for the project.

Riverside Drive Bridge Near Zoo Drive Bridge Rehabilitation and Widening, Los Angeles. The LABOE rehabilitated and widened the historic Riverside Drive Bridge over the Los Angeles River. Ms. Johnson prepared the Natural Environment Study and regulatory permit applications and assisted with the Wetland Delineation. Ms. Johnson performed bat emergence surveys and conducted construction monitoring.

Riverside Drive Viaduct at Figueroa Street, Los Angeles. The project involved the demolition of the viaduct by the City of Los Angeles. Ms. Johnson conducted nesting bird monitoring, performed bat emergence surveys, and performed construction monitoring during demolition of the bridge.

Huntington Drive Multi-Modal Transportation Improvement Project, Phase 1, Los Angeles. The LABOE is proposing multi-modal transportation improvements, such as mobility and access improvements, pedestrian access enhancements, transit infrastructure improvements, and potentially a dedicated Bus Rapid Transit (BRT) route to improve mobility for an approximately 2.9-mile corridor along Huntington Drive between Mission Road and Kendall Avenue. Ms. Johnson was the biological resources task manager, and she provided quality assurance/quality control (QA/QC) of the biological resources sections of the Environmental Constraints Analysis.

Higuera Street Bridge Replacement, Los Angeles. The City of Culver City, in cooperation with Caltrans District 7, is replacing the Higuera Street Bridge over Ballona Creek. Ms. Johnson is overseeing construction monitoring for the project. Prior to construction, she managed the preparation of the Natural Environment Study (Minimal Impacts), Visual Impact Memorandum, Water Quality Assessment Report, and regulatory permit applications. She also prepared the Preliminary Environmental Study form and performed on-site biological surveys.

Alahesh Thurairajah, PE, GE, BC.GE, Geotechnical Project Manager

Registrations	Geotechnical Engineering, California, GE 3123, 2018 Civil Engineering, California, PE 81439, 2013 Board-Certified Geotechnical Engineer, ASCE, 2023
Years of Experience	14 years (12 years with EMI)
Education	MS, Civil Engineering, University of California, Los Angeles, 2011 BS Magna Cum Laude, Civil Engineering, California State Polytechnic University, Pomona, 2010

Mr. Thurairajah is a geotechnical principal/project manager with 14 years of experience on California transportation projects. He has provided geotechnical design/construction recommendations for 250+ bridges including 15 HBP bridges, 300+ standard and non-standard retaining walls, and 100+ miles of roadway. He has prepared Foundation Reports and Geotechnical Reports in compliance with Caltrans standards for numerous bridge/roadway projects. In addition to his project management skills, his technical expertise includes design of deep and shallow foundation for bridges, retaining walls, and drainage structures; probabilistic seismic hazard evaluation, liquefaction and seismic settlement evaluations, lateral spreading evaluation, static and pseudo-static slope stability analyses, pavement structural section evaluation/design, and corrosion evaluation. He has provided construction support including plan reviews; and observation and inspection for driven piles, CIDH piles, excavations, and engineering fill placements. His experience includes:

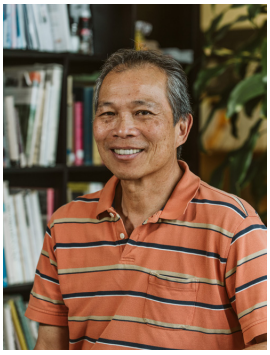
Rosecrans/Marquardt Grade Separation Project, Metro, Santa Fe Springs, CA. Geotechnical Project Manager. The project included grade separation of the intersection of Rosecrans/Marquardt Avenue and the BNSF Railway at-grade rail crossing. The project improvements included a new bridge overpass, wrap-around MSE walls at bent-type abutments, modified Caltrans Type-1 and Type-5 retaining walls, prefabricated modular block walls, and new structural pavement sections. Abutment piles will be constructed prior to placement of the wrap-around MSE walls. Therefore, abutment piles were designed to handle the static downdrag forces induced by soil settlement caused by subsequent construction of the MSE walls. Developed and provided design and construction recommendations for bridge foundations, MSE walls, modified Type 1 and Type 5 walls, prefabricated modular block walls and pavement structural sections. Prepared a Geotechnical Report .

WB SR-91 from Shoemaker Avenue to Alondra Blvd (PA-ED and PS&E), LA Metro, Los Angeles County, CA. Geotechnical Project Manager. The project proposes to widen and improve approximately three miles of freeway along WB SR-91 between Shoemaker Avenue and the I-605 interchange, and at the I-605 NB exit to Alondra Boulevard. The proposed project includes widening a bridge, replacing two bridges, constructing two new bridges, constructing six Caltrans standard retaining walls, three Caltrans standard sound walls over retaining walls, and nine Caltrans standard sound walls, realigning an existing box culvert, constructing a newly proposed box culvert, and installing 14 overhead sign structures. Managed the project for PA-ED and PS&E phases. Prepared Structure Preliminary Geotechnical Reports for five bridges and Materials Report during PA-ED phase. Worked with Caltrans reviewers to get the reports approved on time. Prepared Preliminary Foundation Reports for five bridges for Type Selection and presented in the Type Selection. Managed the field investigation. Prepared Foundation Reports for five bridges, Geotechnical Design Report, and Materials Memo. Worked with the Caltrans Geotech reviewer to minimize the review time gaining approval of the reports on the second submittal, which accelerated the geotechnical delivery.

OC Loop O, P, & Q – Coyote Creek Channel, Orange County and Los Angeles County, CA. Geotechnical Project Manager. The project included 2.7- mile new bikeway along the Coyote Creek Channel. The project improvements included a single-span bridge over Coyote Creek, 30-span bridge over UPRR, 20-span bridge over BNSF, ground anchor wall, soldier/secant pile walls, MSE walls, tub wall, RCB culvert, BNSF underpass, standard retaining walls, and new pavement structural sections. Prepared Preliminary Foundation Report for Type Selection, managed geotechnical field investigation, provided earth pressure recommendations for retaining walls, provided recommendations for bridges and wall foundations, provided recommendations for pavement structural sections in expansive soils, and prepared Foundation Reports and Geotechnical Report.

Earth Mechanics, Inc.
Geotechnical & Earthquake Engineering

BOA Architecture
Government Services



EDWARD LOK NG, ARCHITECT, LEED AP

PROJECT RESPONSIBILITY

- Maintain Client communication, lead overall design effort in form and function, compile client and user group input and day-to-day contact with Client.

EDUCATION

- Bachelor of Architecture, University of Hawaii, 1981

PROFESSIONAL REGISTRATION

- Licensed Architect, C-16840, State of California, 1986
- LEED Accredited Professional 2009
- Completed Accessibility Surveyor Training for State Leased Buildings and Facilities, State of California, since 2003

EXPERIENCE: Edward Lok Ng has been a member of BOA since 1982. Principal and Director of Design, Mr. Ng has over 40 years of experience in all phases of the design process. He has personally designed and managed over 500 municipal facility projects and over 300 parks and recreation projects, and over 200 civic center renovation projects. He leads a talented team of designers and consultants to ensure that design solutions effectively meet the clients' and users' needs while adhering to client schedules and budget constraints. He is proficient in computer aided design (CADD). He has been the Project Manager Designer for numerous Community Centers, City Hall facilities, civic/public buildings, parks and recreation, educational facilities, and ADA retrofit/transition plan projects. This experience coupled with Mr. Ng's dedication and commitment to design excellence has led to numerous honors and commendations for BOA. Currently, Mr. Ng is the Project Manager for all "On-Call" projects for the Cities of Pasadena (5 projects), San Bernardino, Cypress and Placentia as well as the firms current projects with LA County ISD, and Fire Station remodel for La Quinta Fire Station #70. A certified plan review consultant to California's Division of the State Architect, Mr. Lok Ng has completed DSA-sponsored training as an Access Compliance Plan Reviewer and Accessibility Surveyor. As a member of the City of Long Beach Disabled Access Appeals Board since 1994 and the Design Review Board for the City of Downey since 1989, he has reviewed applications and appeals for a broad range of commercial and municipal designed projects. He is also LEED, AP Certified and has design several LEED Certified projects. His expertise on sustainability design will be a definite asset towards your sustainability goals.

Move Forward

MARK THOMAS

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Irvine, CA 92606
(949) 477-9000

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EXHIBIT B
APPROVED FEE SCHEDULE

(SCHEDULE OF HOURLY LABOR RATES AND REIMBURSABLE)

H. SCHEDULE OF HOURLY RATES

MARK THOMAS

City of Pico Rivera - On-Call Engineering Services
MARK THOMAS & COMPANY, INC. RATE SCHEDULE
EXPIRES 2027
(3) Years after Contract Execution

Engineering & Planning	
Intern	$74
Technician	$109
Design Engineer I	$129
Design Engineer II	$159
Sr. Technician	$162
Civil Engineering Designer	$176
Project Engineer	$184
Sr. Project Engineer	$208
Sr. Technical Engineer	$208
Project Manager	$240
Technical Lead	$240
Sr. Project Manager	$297
Sr. Technical Lead	$297
Engineering Manager	$357
Design Manager	$357

Construction Management	
Office Technician	$91
Office Engineer	$172
* Asst. Resident Engineer	$243
* Inspector - CM	$240
Project Controls/Scheduler	$239
Resident Engineer	$284
Project Manager - CM	$287
Sr. Project Manager - CM	$315
Sr. Resident Engineer	$332
Division Manager - CM	$381
Area Manager - CM	$414

Planning	
Planner I	$105
Planner II	$132
Sr. Planner	$159

Grant Writing	
Funding Specialist	$176
Sr. Funding Specialist	$207
Funding Manager	$319

District Management	
* Inspector - Apprentice	$91
* Inspector	$128
* Sr. Inspector	$152
Assistant Sanitary Engineer	$174
Associate Sanitary Engineer	$198
Sanitary Project Engineer	$231
Sr. Sanitary Project Engineer	$262
Operations Manager	$295
Deputy District Manager	$339
District Manager-Engineer	$377

Project Support/Coordination	
Project Assistant	$99
Technical Writer	$99
Sr. Project Assistant	$128
Project Coordinator	$129
Graphic Designer	$141
Sr. Technical Writer	$151
Project Accountant	$144
Sr. Project Coordinator	$162
Sr. Graphic Designer	$166
Sr. Project Accountant	$164
Sr. Graphic Manager	$194
Project Accountant Manager	$207

Landscape Architecture/Urban Design	
Landscape Intern	$74
Landscape Designer I	$105
Landscape Designer II	$131
Landscape Architect	$166
Sr. Landscape Architect	$183
LAUD Project Manager	$236
Sr. LAUD Project Manager	$272
LAUD Division Manager	$290

Special Services	
Expert Witness	$553
Strategic Consulting	$553

Surveying	
Survey Division Manager	$356
Survey Manager II	$271
Survey Manager I	$243
Project Surveyor III	$249
Project Surveyor II	$215
Project Surveyor I	$198
Asst Surveyor III	$169
Asst Surveyor II	$152
Asst Surveyor I	$136
Survey Specialist III	$236
Survey Specialist II	$181
Survey Specialist I	$141
Lead Survey Technician	$176
Survey Technician III	$152
Survey Technician II	$141
Survey Technician I	$124
* Chief of Party (OE3)	$192
* Instrumentperson (OE3)	$175
* Chainperson (OE3)	$169
* Apprentice (OE3)	$122
* 2-Person Crew (OE3)	$367
* 3-Person Crew (OE3)	$491
* Utility Locator (PW North)	$152
* 2-person Utility Locate (PW North)	$300
* Chief of Party (OE12)	$226
* Instrumentperson (OE12)	$204
* Chainperson (OE12)	$198
* Apprentice (OE12)	$122
* 2-Person Crew (OE12)	$424
* 3-Person Crew (OE12)	$542
* Utility Locator (PW South)	$209
* 2-person Utility Locate (PW South)	$424

Reimbursables including, but not limited to; reproductions, delivery and filing fees; outside consultant fees; and survey field expenses will be billed at *Cost Plus 5%* . **Mileage** will be billed per *current IRS Rate* .

This rate schedule expires (3) Years from contract execution
** These charge rates are subject to Prevailing Wage laws and Union contract.*

Standard Fee Schedule for Year 2024-2028

STAFF LEVEL	HOURLY RATE
Principal	$ 280
Senior Project Manager	$ 250
Project Manager	$ 220
Senior Engineer	$ 220
Assistant Project Manager	$ 180
Project Engineer	$ 150
Assistant Engineer	$ 125
Technical Support	$ 105
Administrative Support	$ 75

The above rates are effective to December 31, 2028. After the date specified, the labor rates may be adjusted to compensate for labor adjustments and other increases in labor costs.

The cost of printing, mileage, mailing and other expenses incidental to the performance of the services are not included in the hourly rates of above listed hourly rate schedule.

Rate Card

Cordoba Corporation

February 14, 2024

Title/Classification	Experience	Hourly Rate
Project/Design Manager (P.E.)	16+ years	$ 307.99
Senior Project Engineer (P.E.)	12+ years	$ 271.03
Project Engineer (P.E.)	8-11 years	$ 227.91
Engineer III (P.E.)	5-8 years	$ 197.12
Engineer II (P.E.)	3-5 years	$ 166.32
Engineer I (E.I.T.)	0-3 years	$ 123.20
Principal Designer	16+ years	$ 227.91
Designer III	11-15 years	$ 203.28
Designer II	7-10 years	$ 172.48
Designer I	4-7 years	$ 141.68
CAD Manager	15+ years	$ 163.38
Technician	0-5 years	$ 73.92
Project Controls Manager	16+ years	$ 242.55
Sr. Estimator	10-15 years	$ 221.83
Estimator	5-10 years	$ 174.65
Sr. Scheduler	10-15 years	$ 221.83
Scheduler	5-10 years	$ 174.65
Sr. Cost Analyst	10-15 years	$ 184.58
Cost Analyst	5-10 years	$ 135.38
Planning Manager	16+ years	$ 307.99
Senior Planner	8-11 years	$ 227.91
Planner III	5-8 years	$ 197.12
Planner II	3-5 years	$ 166.32
Planner I	0-3 years	$ 123.20
Document Control Specialist	0-5 years	$ 97.88
Sr. Procurement Specialist	5-8 years	$ 179.18
Procurement Specialist	3-5 years	$ 147.53

CONSULTING

GPA

GPA Rate Schedule

Principal Environmental Planner	$363.00/hr.
Senior Associate Environmental Planner	$289.00/hr.
Senior Environmental Planner	$210.00/hr.
Associate Environmental Planner	$142.00/hr.
Environmental Planner	$116.00/hr.
Senior Associate Biologist	$247.00/hr.
Senior Biologist	$200.00/hr.
Associate Biologist	$142.00/hr.
Biologist	$116.00/hr.
Principal Architectural Historian	$331.00/hr.
Senior Associate Arch. Historian	$221.00/hr.
Senior Architectural Historian	$184.00/hr.
Associate Architectural Historian	$147.00/hr.
Architectural Historian II	$116.00/hr.
Architectural Historian I	$105.00/hr.
Sr. GIS Analyst	$189.00/hr.
Project Coordinator	$132.00/hr.
Administrative Assistant/ Clerical	$84.00/hr.
Intern	$69.00/hr.

**Rates are subject to an annual escalation of 3% on January 1st of each year.*

DIRECT EXPENSES

Direct expenses, including but not limited to those items presented below, will be billed at actual cost:

- Purchases of project materials.
- Reproduction, printing and photographic costs.
- Postage, courier services, and overnight mailing.
- Travel (e.g., Meals, Lodging, Incidental Expenses, Rental Vehicle, Fuel for Rental Vehicle, Parking, Tolls, Transportation/commute fares, etc.)
- Research fees, record searches, permit fees, and other miscellaneous costs.

Technical subconsultants will be billed with a 10% markup.

Mileage will be billed at the current IRS rate.

840 apollo street, suite 312, el segundo, ca 90245 t. 310.792.2690 f. 310.792-2696

EARTH MECHANICS, INC. FEE SCHEDULE
2024 – 2028

City of Pico Rivera
On-Call Engineering Services
Rates effective for the term of the PSA

Classification	Fully Burdened Hourly Rate
Principal/Senior Consultant	$ 334.00
Principal Engineer/Geologist	$ 333.00
Senior Engineer/Geologist	$ 247.00
Senior Project Geologist	$ 225.00
Project Engineer/Geologist	$ 192.00
Senior Staff Engineer/Geologist	$ 169.00
Staff Engineer/Geologist	$ 148.00
Senior Technician	$ 172.00
Technician*	$ 89.00
Project Analyst	$ 162.00

* Non-exempt staff subject to overtime pay per California law.

Reimbursable expenses including, but not limited to, drilling, traffic control, waste disposal, specialty testing, and private utility location services will be reimbursed at actual cost with supporting invoice.

Charges invoiced for travel, lodging, and subsistence shall not exceed the current Caltrans rates.

Combined Overhead Rate = 170.68%

Profit = 10 %

17800 Newhope Street, Suite B, Fountain Valley, California 92708 ● Tel: (714) 751-3826

MONUMENT
2024 HOURLY RATE SCHEDULE

Right of Way Management & Implementation	
Program Manager / Principal	$290.00 per hour
Senior Project Manager / Sr. Utility Project Manager	$210.00 per hour
ROW Project Manager 2 / Utility Project Manager 2	$190.00 per hour
ROW Project Manager 1 / Utility Project Manager 1	$160.00 per hour
Utility Coordinator	$130.00 per hour
Senior Acquisition Agent / Senior Relocation Agent / Senior Analyst	$145.00 per hour
Acquisition Agent 2 / Relocation Agent 2 / Property Manager	$120.00 per hour
Acquisition Agent 1/ Relocation Agent 1	$110.00 per hour
Senior Project Coordinator	$120.00 per hour
Project Coordinator 2	$110.00 per hour
Project Coordinator 1	$100.00 per hour
Senior Project Analyst	$135.00 per hour
Project Analyst	$110.00 per hour
Researcher	$90.00 per hour
Project Support / Administrative	
Professional Staff	$85.00 per hour
Project Controller 2	$100.00 per hour

HOURLY RATES

BLACK O'DOWD AND ASSOCIATES, INC.
DBA BOA ARCHITECTURE
1511 COTA AVENUE
LONG BEACH, CA 90813
PH: 562-912-7900

POINT-OF-CONTACT:
EDWARD LOK NG, PRESIDENT
LOK.NG@BOAARCHITECTURE.COM

JOB TITLE	HOURLY (NOT TO EXCEED)
Principal Architect	$160.00
Project Manager	$150.00
Project Designer	$125.00
Senior Designer	$110.00
Senior Technical	$100.00
Draftsman/AutoCAD Operator	$95.00
Other Technical Staff	$85.00
Structural Engineer	$150.00
Mechanical Engineer	$160.00
Electrical Engineer	$160.00
"Other" Sub-Consultant	$150.00
Clerical Staff	$80.00
Prints	$0.50/s.f.

- The above hourly rates are fully burdened or loaded, including full compensation for all overhead and profit. Billing rates shall include provision for normal office costs, including, but not limited to: office rental, utilities, insurance, cell phone or radio, equipment, normal supplies and materials, in-house reproduction services, and local travel costs.
- The proposed hourly rates are guaranteed for the duration of the contract.

EXHIBIT C
TERMS FOR COMPLIANCE WITH CALIFORNIA LABOR LAW REQUIREMENTS

1. This Agreement calls for services that, in whole or in part, constitute "public works" as defined in Division 2, Part 7, Chapter 1 (commencing with Section 1720) of the California Labor Code ("Chapter 1"). Further, Consultant acknowledges that this Agreement is subject to (a) Chapter 1 and (b) the rules and regulations established by the Department of Industrial Relations ("DIR") implementing such statutes. Therefore, as to those Services that are "public works", Consultant shall comply with and be bound by all the terms, rules and regulations described in 1(a) and 1(b) as though set forth in full herein.

2. California law requires the inclusion of specific Labor Code provisions in certain contracts. The inclusion of such specific provisions below, whether or not required by California law, does not alter the meaning or scope of Section 1 above.

3. Consultant shall be registered with the Department of Industrial Relations in accordance with California Labor Code Section 1725.5, and has provided proof of registration to City prior to the Effective Date of this Agreement. Consultant shall not perform work with any subconsultant that is not registered with DIR pursuant to Section 1725.5. Consultant and subconsultants shall maintain their registration with the DIR in effect throughout the duration of this Agreement. If the Consultant or any subconsultant ceases to be registered with DIR at any time during the duration of the project, Consultant shall immediately notify City.

4. Pursuant to Labor Code Section 1771.4, Consultant's Services are subject to compliance monitoring and enforcement by DIR. Consultant shall post job site notices, as prescribed by DIR regulations.

5. Pursuant to Labor Code Section 1773.2, copies of the prevailing rate of per diem wages for each craft, classification, or type of worker needed to perform the Agreement are on file at City Hall and will be made available to any interested party on request. Consultant acknowledges receipt of a copy of the DIR determination of such prevailing rate of per diem wages, and Consultant shall post such rates at each job site covered by this Agreement.

6. Consultant shall comply with and be bound by the provisions of Labor Code Sections 1774 and 1775 concerning the payment of prevailing rates of wages to workers and the penalties for failure to pay prevailing wages. The Consultant shall, as a penalty to City, forfeit $200.00 for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the DIR for the work or craft in which the worker is employed for any public work done pursuant to this Agreement by Consultant or by any subconsultant.

7. Consultant shall comply with and be bound by the provisions of Labor Code Section 1776, which requires Consultant and each subconsultant to: keep accurate payroll records and verify such records in writing under penalty of perjury, as specified

in Section 1776; certify and make such payroll records available for inspection as provided by Section 1776; and inform City of the location of the records.

8. Consultant shall comply with and be bound by the provisions of Labor Code seq. concerning the employment of apprentices on public works projects. Consultant shall be responsible for compliance with these aforementioned Sections for all apprenticeable occupations. Prior to commencing work under this Agreement, Consultant shall provide City with a copy of the information submitted to any applicable apprenticeship program. Within 60 days after concluding work pursuant to this Agreement, Consultant and each of its subconsultants shall submit to City a verified statement of the journeyman and apprentice hours performed under this Agreement.

9. The Consultant shall not perform Work with any Subconsultant that has been debarred or suspended pursuant to California Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. The Consultant and Subconsultants shall not be debarred or suspended throughout the duration of this Contract pursuant to Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. If the Consultant or any subconsultant becomes debarred or suspended during the duration of the project, the Consultant shall immediately notify City.

10. Consultant acknowledges that eight hours labor constitutes a legal day's work. Consultant shall comply with and be bound by Labor Code Section 1810. Consultant shall comply with and be bound by the provisions of Labor Code Section 1813 concerning penalties for workers who work excess hours. The Consultant shall, as a penalty to City, forfeit $25.00 for each worker employed in the performance of this Agreement by the Consultant or by any subconsultant for each calendar day during which such worker is required or permitted to work more than eight hours in any one calendar day and 40 hours in any one calendar week in violation of the provisions of Division 2, Part 7, Chapter 1, Article 3 of the Labor Code. Pursuant to Labor Code section 1815, work performed by employees of Consultant in excess of eight hours per day, and 40 hours during any one week shall be permitted upon public work upon compensation for all hours worked in excess of eight hours per day at not less than one and one-half times the basic rate of pay.

11. California Labor Code Sections 1860 and 3700 provide that every employer will be required to secure the payment of compensation to its employees. In accordance with the provisions of California Labor Code Section 1861, Consultant hereby certifies as follows:

> "I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract."

12. For every subconsultant who will perform work on the project, Consultant shall be responsible for such subconsultant's compliance with Chapter 1 and Labor Code Sections 1860 and 3700, and Consultant shall include in the written contract between it and each subconsultant a copy of those statutory provisions and a requirement that each subconsultant shall comply with those statutory provisions. Consultant shall be required to take all actions necessary to enforce such contractual provisions and ensure subconsultant's compliance, including without limitation, conducting a periodic review of the certified payroll records of the subconsultant and upon becoming aware of the failure of the subconsultant to pay his or her workers the specified prevailing rate of wages. Consultant shall diligently take corrective action to halt or rectify any failure.

13. To the maximum extent permitted by law, Consultant shall indemnify, hold harmless and defend (at Consultant's expense with counsel reasonably acceptable to City) City, its officials, officers, employees, agents and independent consultants serving in the role of City officials, and volunteers from and against any demand or claim for damages, compensation, fines, penalties or other amounts arising out of or incidental to any acts or omissions listed above by any person or entity (including Consultant, its subconsultants, and each of their officials, officers, employees and agents) in connection with any work undertaken or in connection with the Agreement, including without limitation the payment of all consequential damages, attorneys' fees, and other related costs and expenses. All duties of Consultant under this Section shall survive the termination of the Agreement.

AGREEMENT NO. _____
PROFESSIONAL SERVICES AGREEMENT
BETWEEN THE CITY OF PICO RIVERA AND
SOUTHSTAR ENGINEERING & CONSULTING, INC.

1. IDENTIFICATION

THIS PROFESSIONAL SERVICES AGREEMENT ("Agreement") is entered into by and between the City of Pico Rivera, a California municipal corporation ("City") Southstar Engineering & Consulting, Inc. ("Consultant"). City and Consultant are sometimes hereinafter individually referred to as a "Party" and collectively referred to as "Parties."

2. RECITALS

2.1 City has determined that it requires professional services from a consultant to provide on-call engineering services.

2.2 Consultant represents that it is fully qualified to perform such professional services by virtue of its experience and the training, education and expertise of its principals and employees. Consultant further represents that it is willing to accept responsibility for performing such services in accordance with the terms and conditions set forth in this Agreement.

NOW, THEREFORE, for and in consideration of the performance by the Parties of the mutual covenants and conditions herein contained, the Parties hereto agree as follows:

3. DEFINITIONS

3.1 "Scope of Services": Such professional services as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "A" and incorporated herein by this reference.

3.2 "Approved Fee Schedule": Such compensation rates as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "B."

3.3 "Commencement Date" : April 23, 2024

3.4 "Expiration Date" : June 30, 2029

4. TERM

The term of this Agreement shall commence at 12:00 a.m. on the Commencement Date and shall expire at 11:59 p.m. on the Expiration Date unless extended by written agreement of the Parties or terminated in accordance with Section 22 below.

5. CONSULTANT'S SERVICES

5.1 Consultant shall perform the services identified in the Scope of Services. City shall have the right to request, in writing, changes in the Scope of Services. Any such changes mutually agreed upon by the Parties, and any corresponding increase or decrease in compensation, shall be incorporated by written amendment to this Agreement. In no event shall the total compensation and costs payable to Consultant under this Agreement exceed the sum of Two Million Five Hundred Thousand Dollars ($2,500,000.00), unless specifically approved in advance, in writing, by City.

5.2 Consultant shall perform all work to the highest professional standards of Consultant's profession and in a manner reasonably satisfactory to City.

6. COMPENSATION

6.1 City agrees to compensate Consultant for the services provided under this Agreement, and Consultant agrees to accept in full satisfaction for such services, payment in accordance with the Approved Fee Schedule.

6.2 Consultant shall submit to City an invoice, on a monthly basis or less frequently, for the services performed pursuant to this Agreement. Each invoice shall itemize the services rendered during the billing period and the amount due. Within ten (10) business days of receipt of each invoice, City shall notify Consultant in writing of any disputed amounts included on the invoice. Within thirty (30) calendar days of receipt of each invoice, City shall pay all undisputed amounts included on the invoice. City shall not withhold applicable taxes or other authorized deductions from payments made to Consultant.

6.3 Payments for any services requested in writing by City and not included in the Scope of Services shall be made to Consultant by City on a time-and-materials basis using Consultant's standard fee schedule. Fees for such additional services shall be paid within sixty (60) days of the date Consultant issues an invoice to City for such services.

7. BUSINESS LICENSE

Consultant shall obtain a City of Pico Rivera business license prior to commencing performance under this Agreement.

8. COMPLIANCE WITH LAWS

Consultant shall keep informed of State, Federal and Local laws, ordinances, codes and regulations that in any manner affect those employed by it or in any way affect the performance of its services pursuant to this Agreement. Consultant shall at all times comply with such laws, ordinances, codes and regulations. Without limiting the generality

of the foregoing, if Consultant is an out-of-state corporation or LLC, it must be qualified and registered to do business in the State of California pursuant to sections 2105 and 17708.02 of the California Corporations Code. The City, its officers and employees shall not be liable at law or in equity occasioned by failure of Consultant to comply with this Section.

9. CONFLICT OF INTEREST

Consultant covenants that it presently has no interest and shall not acquire any interest, direct or indirect, which may be affected by the services to be performed by Consultant under this Agreement, or which would conflict in any manner with the performance of its services hereunder. During the term of this Agreement, Consultant shall not perform any work for another person or entity for whom Consultant was not working at the Commencement Date of this Agreement if both: (i) such work would require Consultant to abstain from a decision under this Agreement pursuant to a conflict of interest statute; and (ii) City has not consented in writing prior to Consultant's performance of such work.

10. PERSONNEL

Consultant represents that it has, or will secure at its own expense, all personnel required to perform the services identified in the Scope of Services. All such services shall be performed by Consultant or under its supervision, and all personnel engaged in the work shall be qualified to perform such services. Consultant reserves the right to determine the assignment of its own employees to the performance of Consultant's services under this Agreement, but City reserves the right, for good cause, to require Consultant to exclude any employee from performing services on City's premises. Yvette Kirin, President/Principal-in-Charge, shall be Consultant's project administrator and shall have direct responsibility for management of Consultant's performance under this Agreement. No change shall be made to Consultant's project administrator without City's prior written consent.

11. OWNERSHIP OF WRITTEN PRODUCTS

All reports, documents or other written material ("written products") developed by Consultant in the performance of this Agreement shall be and remain the property of City without restriction or limitation upon its use or dissemination by City. Consultant may take and retain copies of such written products as desired, but no such written products shall be the subject of a copyright application by Consultant. If any state, federal, or local law requires mandatory copyright protection for Consultant's work product, City shall comply with such laws to the extent feasible.

12. INDEPENDENT CONTRACTOR

12.1 Consultant is, and shall at all times remain as to City, a wholly independent consultant. Consultant shall have no power to incur any debt, obligation, or liability on behalf of City or otherwise to act on behalf of City as an agent. Neither City nor any of its officers, employees or agents shall have control over the conduct of Consultant or any of Consultant's employees, except as set forth in this Agreement. Consultant shall not at any time represent that it is, or that any of its agents or employees are, in any manner employees of City.

12.2 The Parties further acknowledge and agree that nothing in this Agreement shall create or be construed to create a partnership, joint venture, employment relationship, joint-employer relationship, or any other relationship between Consultant or Consultant's employees except as set forth in this Agreement.

12.3 City shall have no direct or indirect control over Consultant's employees or sub-consultants with respect to wages, hours, and working conditions. In addition, City shall not deduct from the Compensation paid to Consultant any sums required for Social Security, withholding taxes, FICA, state disability insurance or any other federal, state or local tax or charge which may or may not be in effect or hereinafter enacted or required as a charge or withholding on the compensation paid to Consultant, Consultant's employees or subconsultants. City shall have no responsibility to provide Consultant, its employees or subconsultants with workers' compensation insurance or any other insurance.

12.4 The Parties further acknowledges the following: (i) that Consultant shall provide the services outlined in the Scope of Services directly to City; (ii) Consultant maintains a business location at the address listed under Section 20 that is separate and distinct from the City; (iii) Consultant contracts with other businesses to provide the same or similar services and maintains a clientele without restriction from the City; (iv) Consultant advertises and holds itself out to the public as available to provide the same or similar services; (v) unless otherwise specified in this Agreement, Consultant provides its own tools, vehicles, and equipment necessary for performing the Scope of Services; (vi) Consultant has proposed and negotiated its own rates; and (vii) consistent with the nature and demands of the project and the City's business hours, Consultant may set its own hours and location of work.

13. CONFIDENTIALITY

All data, documents, discussion, or other information developed or received by Consultant or provided for performance of this Agreement are deemed confidential and shall not be disclosed by Consultant without prior written consent by City. City shall grant such consent if disclosure is legally required. Upon request, all City data and any copies thereof shall be returned to City upon the termination or expiration of this Agreement.

14. NON-LIABILITY OF CITY OFFICIALS AND EMPLOYEES

No official or employee of the City shall be personally liable to Consultant in the event of any default or breach by City, or for any amount which may become due to Consultant.

15. INDEMNIFICATION

15.1 The Parties agree that City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers should, to the extent permitted by law, be fully protected from any loss, injury, damage, claim, lawsuit, cost, expense, attorneys' fees, litigation costs, or any other cost arising out of or in any way related to the performance of this Agreement. Accordingly, the provisions of this indemnity provision are intended by the Parties to be interpreted and construed to provide the fullest protection possible under the law to City. Consultant acknowledges that City would not enter into this Agreement in the absence of Consultant's commitment to indemnify and protect City as set forth herein. Notwithstanding the foregoing, to the extent Consultant's services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.2 To the full extent permitted by law, Consultant shall indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant or any of its officers, employees, servants, agents, or subconsultants in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees. Notwithstanding the foregoing, to the extent Consultant's Services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.3 City shall have the right to offset against the amount of any compensation due Consultant under this Agreement any amount due to City from Consultant as a result of Consultant's failure to pay City promptly any indemnification arising under this Section 15 or related to Consultant's failure to either: (i) pay taxes on amounts received pursuant to this Agreement or (ii) comply with applicable workers' compensation laws.

15.4 The obligations of Consultant under this Section 15 will not be limited by the provisions of any workers' compensation act or similar act. Consultant expressly waives

its statutory immunity under such statutes or laws as to City, its officers, agents, employees and volunteers.

15.5 Consultant agrees to obtain executed indemnity agreements with provisions identical to those set forth here in this Section 15 from each and every subconsultant or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. In the event Consultant fails to obtain such indemnity obligations from others as required herein, Consultant agrees to be fully responsible and indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant's subconsultants or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees.

15.6 City does not, and shall not, waive any rights that it may possess against Consultant because of the acceptance by City, or the deposit with City, of any insurance policy or certificate required pursuant to this Agreement. This hold harmless and indemnification provision shall apply regardless of whether or not any insurance policies are determined to be applicable to the claim, demand, damage, liability, loss, cost or expense.

15.7 **PERS ELIGIBILITY INDEMNITY.** In the event that Consultant or any employee, agent, or subconsultant of Consultant providing services under this Agreement claims or is determined by a court of competent jurisdiction or the California Public Employees Retirement System (PERS) to be eligible for enrollment in PERS as an employee of the City, Consultant shall indemnify, defend, and hold harmless City for the payment of any employee and/or employer contributions for PERS benefits on behalf of Consultant or its employees, agents, or subconsultants, as well as for the payment of any penalties and interest on such contributions, which would otherwise be the responsibility of City.

Notwithstanding any other agency, state or federal policy, rule, regulation, law or ordinance to the contrary, Consultant and any of its employees, agents, and subconsultants providing service under this Agreement shall not qualify for or become entitled to, and hereby agree to waive any claims to, any compensation, benefit, or any incident of employment by City, including but not limited to eligibility to enroll in PERS as an employee of City and entitlement to any contribution to be paid by City for employer contribution and/or employee contributions for PERS benefits.

16. INSURANCE

16.1 During the term of this Agreement, Consultant shall carry, maintain, and keep in full force and effect insurance against claims for death or injuries to persons or damages to property that may arise from or in connection with Consultant's performance of this Agreement. Such insurance shall be of the types and in the amounts as set forth below:

16.1.1 Comprehensive general liability, and Umbrella or Excess Liability Insurance covering all operations by or on behalf of Consultant providing insurance for bodily injury liability and property damage liability for the following and including coverage for:

16.1.1.1 Premises, operations, and mobile equipment

16.1.1.2 Products and completed operations

16.1.1.3 Broad form property damage (including completed operations)

16.1.1.4 Explosion, collapse, and underground hazards

16.1.1.5 Personal Injury

16.1.1.6 Contractual liability

in the amount of One Million Dollars ($1,000,000) per occurrence combined single limit; Two Million Dollars ($2,000,000) aggregate for products/completed operation; Two Million Dollars ($2,000,000) general aggregate (General aggregate must apply separately to Consultant's work under this Agreement.); and Five Million Dollars ($5,000,000) umbrella or excess liability.

16.1.2 Automobile Liability Insurance for owned, hired and non-owned vehicles utilized by Consultant, its employees or subconsultants, in the amount of One Million Dollars ($1,000,000) per accident for bodily injury and property damage.

16.1.3 Worker's Compensation Insurance as required by the laws of the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than One Million Dollars ($1,000,000) per accident for bodily injury or disease.

16.1.4 Professional Liability Insurance against errors and omissions in the performance of the work under this Agreement with coverage limits of not less than One Million Dollars ($1,000,000) per occurrence of claim/ Two Million Dollars ($2,000,000) in the aggregate.

16.2 Consultant shall require each of its subconsultants, if any, to maintain insurance coverage that meets all of the requirements of this Agreement.

16.3 The policy or policies required by this Agreement shall be issued by an insurer admitted in the State of California and with a rating of at least A:VII in the latest edition of Best's Insurance Guide.

16.4 Consultant agrees that if it does not keep the aforesaid insurance in full force and effect City may either: (i) immediately terminate this Agreement; or (ii) take out the necessary insurance and pay, at Consultant's expense, the premium thereon.

16.5 At all times during the term of this Agreement, Consultant shall maintain on file with City's Risk Manager a certificate or certificates of insurance showing that the aforesaid policies are in effect in the required amounts and, for the general liability and automobile liability policies, naming the City as an additional insured. Consultant shall, prior to commencement of work under this Agreement, file with City's Risk Manager such certificate(s).

16.6 Consultant shall provide proof that policies of insurance required herein expiring during the term of this Agreement have been renewed or replaced with other policies providing at least the same coverage. Consultant shall provide such proof to City at least two weeks prior to the expiration of the coverages.

16.7 The general liability and automobile policies of insurance required by this Agreement shall contain an endorsement naming City, its officers, employees, agents and volunteers as additional insureds. All of the policies required under this Agreement shall contain an endorsement providing that the policies cannot be canceled or reduced except on thirty days' prior written notice to City. Consultant agrees to require its insurer to modify the certificates of insurance to delete any exculpatory wording stating that failure of the insurer to mail written notice of cancellation imposes no obligation, and to delete the word "endeavor" with regard to any notice provisions.

16.8 The general liability and automobile policies of insurance provided by Consultant shall be primary to any coverage available to City. Any insurance or self-insurance maintained by City, its officers, employees, agents or volunteers, shall be in excess of Consultant's insurance and shall not contribute with it.

16.9 All insurance coverage provided pursuant to this Agreement shall not prohibit Consultant, and Consultant's employees, agents or subconsultants, from waiving the right of subrogation prior to a loss. Consultant hereby waives all rights of subrogation against the City.

16.10 Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of City, Consultant shall either reduce or eliminate the deductibles or self-insured retentions with respect to City, or Consultant shall procure a bond guaranteeing payment of losses and expenses.

16.11 Procurement of insurance by Consultant shall not be construed as a limitation of Consultant's liability or as full performance of Consultant's duties to indemnify, hold harmless and defend under Section 15 of this Agreement.

16.12 If Consultant maintains broader coverage and/or higher limits than the minimums shown above, the City requires and shall be entitled to the broader coverage and/or the higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

17. MUTUAL COOPERATION

17.1 City shall provide Consultant with all pertinent data, documents and other requested information as is reasonably available to City for the proper performance of Consultant's services under this Agreement.

17.2 In the event any claim or action is brought against City relating to Consultant's performance in connection with this Agreement, Consultant shall render any reasonable assistance that City may require.

18. RECORDS AND INSPECTIONS

Consultant shall maintain full and accurate records with respect to all matters covered under this Agreement for a period of three years after the expiration or termination of this Agreement. City shall have the right to access and examine such records, without charge, during normal business hours. City shall further have the right to audit such records, to make transcripts therefrom and to inspect all program data, documents, proceedings, and activities.

19. PERMITS AND APPROVALS

Consultant shall obtain, at its sole cost and expense, all permits and regulatory approvals necessary in the performance of this Agreement. This includes, but shall not be limited to, encroachment permits and building and safety permits and inspections.

20. NOTICES

Any notices, bills, invoices, or reports required by this Agreement shall be deemed received on: (i) the day of delivery if delivered by hand, facsimile, email, or overnight courier service during Consultant's and City's regular business hours; or (ii) on the third business day following deposit in the United States mail if delivered by mail, postage prepaid, to the addresses listed below (or to such other addresses as the Parties may, from time to time, designate in writing).

If to City:

Steve Carmona, City Manager
City of Pico Rivera
PO Box 1016
6615 Passons Blvd.
Pico Rivera, California 90660-1016

If to Consultant:

Yvette Kirin, President/Principal-in-Charge
Southstar Engineering & Consulting, Inc.
1945 Chicago Avenue, Suite C-2
Riverside, CA 92507

With a courtesy copy to:

Arnold M. Alvarez-Glasman, City Attorney
13181 Crossroads Parkway North
Suite 400 - West Tower
City of Industry, CA 91746

21. SURVIVING COVENANTS

The Parties agree that the covenants contained in Sections 13, 15 and Paragraph 17.2 of Section 17, of this Agreement shall survive the expiration or termination of this Agreement.

22. TERMINATION

22.1 City shall have the right to terminate this Agreement for any reason on five (5) calendar days' written notice to Consultant. Consultant shall have the right to terminate this Agreement for any reason on sixty (60) calendar days' written notice to City. The effective date of termination shall be upon the date specified in the notice of termination. Consultant agrees that in the event of such termination, City's obligation to pay Consultant shall be limited to payment only for those services satisfactorily rendered, as solely determined by the City, prior to the effective date of termination. Consultant agrees to cease all work under this Agreement on or before the effective date of any notice of termination. All City data, documents, objects, materials or other tangible things shall be returned to City upon the termination or expiration of this Agreement.

22.2 If City terminates this Agreement due to no fault or failure of performance by Consultant, then Consultant shall be paid based on the work satisfactorily performed, as solely determined by the City, at the time of termination. In no event shall Consultant be entitled to receive more than the amount that would be paid to Consultant for the full performance of the services required by this Agreement.

23. ASSIGNMENT

Consultant shall not delegate, transfer, subcontract or assign its duties or rights hereunder, either in whole or in part, without City's prior written consent, and any attempt

to do so shall be void and of no effect. City shall not be obligated or liable under this Agreement to any Party other than Consultant.

24. NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY

24.1 In the performance of this Agreement, Consultant shall not discriminate against any employee, subconsultant, or employment applicant because of race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation. Consultant will take affirmative action to ensure that subconsultants, employees, and employment applicants are treated without regard to their race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.2 Consultant will, in all solicitations or advertisements for employees placed by or on behalf of Consultant state either that it is an equal opportunity employer or that all qualified applicants will receive consideration for employment without regard to race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.3 Consultant will cause the foregoing provisions to be inserted in all subcontracts for any work covered by this Agreement except contracts or subcontracts for standard commercial supplies or raw materials.

25. WARRANTIES

25.1 Each Party has received independent legal advice from its attorneys with respect to the advisability of entering into and executing this Agreement, or been provided with an opportunity to receive independent legal advice and has freely and voluntarily waived and relinquished the right to do so. Each Party who has not obtained independent counsel acknowledges that the failure to have independent legal counsel will not excuse such Party's failure to perform under this Agreement.

25.2 In executing this Agreement, each Party has carefully read this Agreement, knows the contents thereof, and has relied solely on the statements expressly set forth herein and has placed no reliance whatsoever on any statement, representation, or promise of any other party, or any other person or entity, not expressly set forth herein, nor upon the failure of any other party or any other person or entity to make any statement, representation or disclosure of any matter whatsoever.

25.3 It is agreed that each Party has the full right and authority to enter into this Agreement, and that the person executing this Agreement on behalf of either Party has the full right and authority to fully commit and bind such Party to the provisions of this Agreement.

26. CAPTIONS

26.1 The captions appearing at the commencement of the sections hereof, and in any paragraph thereof, are descriptive only and for convenience in reference to this Agreement. Should there be any conflict between such heading, and the section or paragraph thereof at the head of which it appears, the section or paragraph thereof, as the case may be, and not such heading, shall control and govern in the construction of this Agreement.

26.2 Masculine or feminine pronouns shall be substituted for the neuter form and vice versa, and the plural shall be substituted for the singular form and vice versa, in any place or places herein in which the context requires such substitution(s).

27. NON-WAIVER

27.1 The waiver by City or Consultant of any breach of any term, covenant or condition herein contained shall not be deemed to be a waiver of such term, covenant or condition or of any subsequent breach of the same or any other term, covenant or condition herein contained. In no event shall the making by City of any payment to Consultant constitute or be construed as a waiver by City of any breach of covenant, or any default which may then exist on the part of Consultant, and the making of any such payment by City shall in no way impair or prejudice any right or remedy available to City with regard to such breach or default. No term, covenant or condition of this Agreement shall be deemed to have been waived by City or Consultant unless in writing.

27.2 Each right, power and remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise shall be cumulative and shall be in addition to every other right, power, or remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise. The exercise, the commencement of the exercise, or the forbearance of the exercise by any Party of any one or more of such rights, powers or remedies shall not preclude the simultaneous or later exercise by such Party of any of all of such other rights, powers or remedies.

27.3 Consultant shall not be liable for any failure to perform if Consultant presents acceptable evidence, in City's sole judgment, that such failure was due to causes beyond the control and without the fault or negligence of Consultant.

28. COURT COSTS AND ATTORNEY FEES

In the event legal action shall be necessary to enforce any term, covenant or condition herein contained, the Party prevailing in such action, whether reduced to judgment or not, shall be entitled to its reasonable court costs, including accountants' fees and expert witness fees, if any, and attorneys' fees expended in such action. The venue for any litigation shall be Los Angeles County, California.

29. SEVERABILITY

If any term or provision of this Agreement or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable, then such term or provision shall be amended to, and solely to, the extent necessary to cure such invalidity or unenforceability, and in its amended form shall be enforceable. In such event, the remainder of this Agreement, or the application of such term or provision to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby, and each term and provision of this Agreement shall be valid and be enforced to the fullest extent permitted by law.

30. GOVERNING LAW

This Agreement shall be governed and construed in accordance with the laws of the State of California.

31. COUNTERPARTS

This Agreement may be signed in any one or more counterparts all of which taken together shall be but one and the same Agreement. Any signed copy of this Agreement or of any other document or agreement referred to herein, or copy or counterpart thereof, delivered by facsimile or email transmission, shall for all purposes be treated as if it were delivered containing an original manual signature of the Party whose signature appears in the facsimile or email and shall be binding upon such Party in the same manner as though an originally signed copy had been delivered.

32. ENTIRE AGREEMENT

All documents referenced as exhibits in this Agreement are hereby incorporated in this Agreement. In the event of any material discrepancy between the express provisions of this Agreement and the provisions of any document incorporated herein by reference, the provisions of this Agreement shall prevail. This instrument contains the entire Agreement between City and Consultant with respect to the transactions contemplated herein. No other prior oral or written agreements are binding upon the Parties. Amendments hereto or deviations herefrom shall be effective and binding only if made in writing and executed by City and Consultant.

[This section intentionally left blank]

TO EFFECTUATE THIS AGREEMENT, the Parties have caused their duly authorized representatives to execute this Agreement on the dates set forth below.

"CITY" CITY OF PICO RIVERA	"CONSULTANT" SOUTHSTAR ENGINEERING & CONSULTING, INC.
_____ Andrew C. Lara, Mayor	_____ Yvette Kirin, President/Principal-in-Charge
Dated: _____	Dated: _____
ATTEST:	**APPROVED AS TO FORM:**
_____ Cynthia Ayala, City Clerk	_____ Arnold M. Alvarez-Glasman, City Attorney

EXHIBIT A
SCOPE OF SERVICES

WORK PROPOSAL FOR: FEBRUARY 14, 2023

On-Call Engineering Services

FOR THE

City of Pico Rivera

SOUTHSTAR
ENGINEERING
& CONSULTING, INC

1945 Chicago Avenue, Suite C-2
Riverside, CA 92507
951.342.3120
southstareng.com

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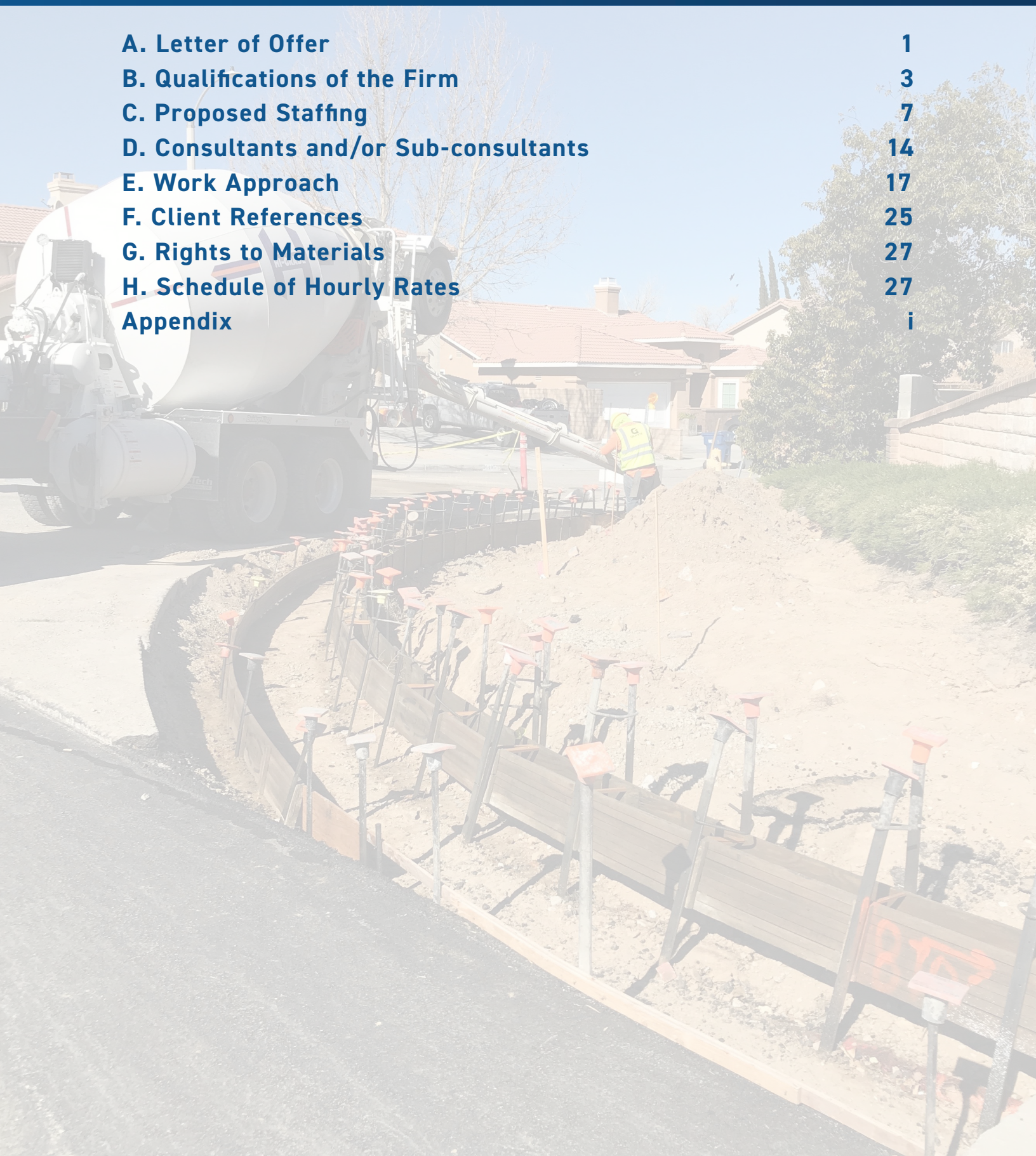


February 14, 2024

City of Pico Rivera
Department of Public Works
6615 Passons Blvd.
Pico Rivera, CA 90660
ATTN: Noe Negrete - Director of Public Works

Engineering Trust Into Every Project

Southstar Engineering & Consulting, Inc.

DIR No: 100017294 **EIN No:** 20-5648626

Type of Business Entity: C-Corporation/ 100% Employee-Owned SBE

Year Founded: 2006

Years in Business: 17 **Number of Employees:** 25

Headquarters:
1945 Chicago Avenue, Suite C-2
Riverside, CA 92507

Phone: (951) 342-3120
Fax: (951) 342-3148
www.southstareng.com

Primary Contact:
Ms. Yvette Kirrin, PE
President/Principal-in-Charge
Cell: (626) 644-8058
Yvette@southstareng.com

RE: City of Pico Rivera – Request for Proposals On-Call Engineering Services

Dear Mr. Negrete and Selection Committee:

Southstar Engineering & Consulting, Inc. (Southstar | DCCM) greatly appreciates the City of Pico Rivera (City) for the opportunity to submit this proposal. *Southstar is prepared to provide Engineering Services* for a variety of infrastructure and capital improvement projects and city programs/services under the direction of the City's Public Works Department to support the City's Capital Improvement Program.

Southstar | DCCM is the team to deliver the quality, responsiveness, innovation, and value that the City expects. This proposal will demonstrate the turn-key benefits of working with a professional engineering team with unparalleled qualifications and experience, especially when it comes to our depth of knowledge regarding Public Works CIP projects in Southern California. Southstar intends to surpass your expectations through dedication to quality, professional integrity, and service excellence. Selecting Southstar for this contract will result in successfully completed projects, on time and within budget.

Depth of Experience | For nearly 18 years, Southstar | DCCM has provided top-notch CIP construction support services for a variety of agencies throughout Southern California including *Caltrans, the Counties of Los Angeles, Orange, Riverside, and San Bernardino and the cities of Bellflower, Huntington Park, Santa Fe Springs, South Gate, Norwalk, La Mirada, Corona, Riverside, Murrieta, Fontana, Ontario, Palmdale, San Dimas, Garden Grove, Seal Beach, Rialto, La Quinta, and Indio* to name a few. The Southstar | DCCM team has been working for the City of Santa Fe Springs for almost 10 years and has completed a variety of CIP projects including not only roadways and playgrounds but major renovations and roofing projects. We are prepared to assist the City with any type of transportation or building infrastructure project on day 1, using the most current standards.

Benefits to the City of Pico Rivera | While Southstar's primary office is located in Riverside, our proposed key staff generally works in the Gateway Cities subregion, or within a 5-mile radius of the City of Pico Rivera. Our proposed staff requires no learning curve and are ready to hit the ground running on day one of any tasks the project may require their services on. Southstar | DCCM has provided similar engineering services to other municipalities in Southern California and has recently been awarded similar on-call contracts by the cities of

Thousand Oaks, Indian Wells, Brea, Chino, and La Mirada. The Scope of Work related to this RFP is nearly 100% in alignment with our contract with the City of Santa Fe Springs, which is a reference of ours.

Subconsultants | The Southstar | DCCM team is rounded out with top-level subconsultant firms that we work with regularly to collaborate and solve problems for cities like Pico Rivera. Our strong relationships with RQAW | DCCM, ATG | DCCM, Psomas, ICF, Blackhawk and Coory provide a seamless team that can work together on more complex task orders. We are able to provide a strong list of experts when you wish to pick and choose 1 or more people for smaller, more focused, task orders. Our team is flexible to meet the City's needs. ***Details on each firm can be found in the Meet Our Subconsultants section of this proposal.***

FIRM	CONTACT	ADDRESS	PHONE
RQAW | DCCM	Lisa Casler	8770 North Street, Suite 110 Fishers, IN 46038	317-588-1737
ATG | DCCM	Chad Wood	11701 Stonehollow Dr. Suite 100 Austin, TX 78758	512-821-2081
Psomas	Sean Smith	1650 Spruce Street, Suite 400 Riverside, CA 92507	951-300-2801
ICF Jones & Stokes, Inc.	Brian Calvert	525 B Street, Suite 1700 San Diego, CA 92101	949-333-6618
Blackhawk Environmental, Inc.	Seth Reimers	1720 Midvale Drive San Diego, CA 92105	619-972-7932
Coory Engineering	Samir M. Khoury	1718 N. Neville Street Orange, CA 92865	714.202.8700

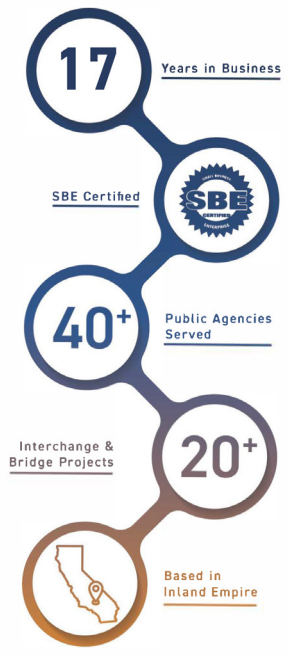
Miscellaneous | Southstar | DCCM acknowledges that no Addenda was released via Planet Bids and acknowledges receipt of Q&A Sets 1 and 2 released 02/05/2024 and 02/06/2024. Southstar has no exceptions and will adhere to the provisions described in the RFP without modification. Southstar | DCCM understands that the proposal shall remain valid for a period of no less than Ninety (90) days from the date of submittal. Southstar attests that all information submitted with this proposal is true and correct. As Southstar's President, I have the authority to bind the company in a contractual agreement with the City of Pico Rivera.

Again, we appreciate the opportunity to submit our qualifications to you. If you have any questions, please feel free to contact me via the information in the blue sidebar.

Sincerely,

Yvette Kirrin

Yvette Kirrin, PE
Principal-in-Charge/Project Manager
Southstar Engineering | DCCM



Firm Profile

Southstar | DCCM (Southstar) has provided professional engineering services in Southern and Central California for the past 17 years (founded 2006) and is dedicated to the public works and transportation needs of California. *Southstar is a certified Small Business Enterprise (SBE #1738135) with its primary office located in the City of Riverside.* Southstar | DCCM focuses on providing solutions to two primary industry needs: **1** - managing the construction of bridges, rapid transit systems, freeways, and ***local infrastructure*** within and outside the Caltrans right-of-way (ROW) and **2** - managing the project development of both small and large-scale infrastructure improvements. Southstar | DCCM was built upon the successes of superior project and construction management skills and experiences. In addition to these two areas of expertise, Southstar's extensive professional knowledge also includes planning, sustainability, utility coordination, design, labor compliance, public outreach, inspection services for roadways, bridges, sanitary sewer, storm channels, streambeds, and other infrastructure projects.

Southstar | DCCM has an exceptional reputation for delivering and managing a wide variety of projects throughout Southern California. The Southstar | DCCM Team has the ability and expertise to resolve challenges by offering our clients innovative solutions that are custom tailored to each specific project. Southstar | DCCM's **Core Values – Quality, Value, Innovation, Responsiveness and Trust** – drive each valued Team member to deliver high quality services that clients can trust. *Our Diversity, Equity & Inclusiveness approach to hiring the best possible staff helps us create an organization that delivers high quality results coupled with community-based values.* With dedicated customer service, Southstar | DCCM delivers projects of any discipline on-time and under budget.

Southstar Services

Southstar | DCCM clients can be assured of the quality and professionalism of Southstar's 25 employee staff and its extensive in-house resources are highly regarded within the transportation construction industry. *Southstar | DCCM construction managers and inspectors have assisted over 40 public agencies in the successful delivery of projects of all sizes.* Services include:

- PA/ED for Interchanges
- PS&E for Interchanges
- Construction Engineering Management
- Program/Project Management & Design
- Inspection Services
- Community Outreach
- Critical Path Schedule Development
- Project Budget Development & Tracking
- Program Planning
- Utility Relocation Management
- Local Agency Coordination
- Traffic Engineering
- Local Assistance Coordination
- Resolution of Funding Issues
- Federal Funding Guidance
- Claims Management/Risk Management
- Highway Bridge Program
- Right-of-Way management
- Labor Compliance
- FAA Section 107 GPS Drone Photogrammetry

Southstar | DCCM team members make a difference to clients and the community by continually providing superior service with the highest level of integrity. Providing client-focused services to many state and local agencies in Southern California, Southstar professionals know the critical questions to ask, and the corresponding solutions to offer. By blending innovative problem-solving skills, exceptional depth of experience, and quality supervision and inspection services, Southstar | DCCM consistently completes the construction of large-scale transportation projects on time, within budget, and with no claims. *The Southstar | DCCM team has the ability to resolve challenges by offering their clients innovative solutions that are custom tailored to each project, and the various City of Pico Rivera capital improvement projects are no different.*

Team Advantages

Demonstrated Commitment & Flexibility | Southstar's past performance on successfully completed CIP projects is an indicator of the Southstar | DCCM team's ability to respond to a client's needs at a moment's notice.

Municipal Background | Every member of the proposed Engineering Services team is acutely familiar with municipal projects and the organization and structure of a governmental agency.

Productive from Day 1 | The Southstar | DCCM team does not require a learning curve. Southstar | DCCM team members are ready to go to work on the first day, saving public resources. Each member of the Southstar | DCCM team has extensive experience providing civil engineering services and also possesses the necessary knowledge, skills and abilities that the City expects from professional engineering consultants.

Financial Interests & Litigation

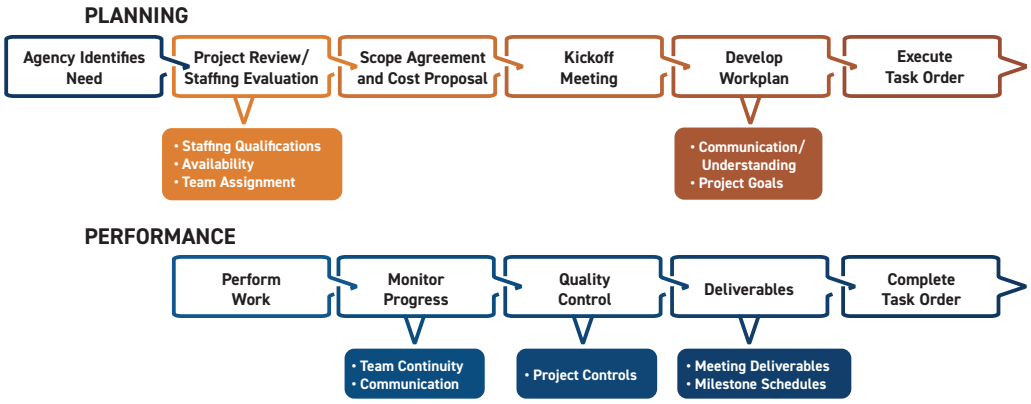
Southstar | DCCM is financially stable and is not involved in bankruptcy proceedings. Southstar hase recently been acquired by DCCM and has no conditions that may impede its ability to complete any projects. Southstar | DCCM has no outstanding or pending complaints as determined through the Better Business Bureau, State of California Department of Consumer Affairs. Southstar | DCCM also has had no litigation and/or judgments entered against it by any local, state or federal entity and has had no litigation and/or judgments entered against such entities during the past five (5) years.

Key Personnel Availability

NAME	W/FIRM	% AVAILABLE	CURRENT PROJECT
Yvette Kirrin, PE	15 Years	As-needed Up to 65%	Various Project Management Projects in the Gateway Cities Subregion.
Amr Abuelhassan, PE, MS, QSD	14 Years	As-needed Up to 100%	I-215 Holland Road Overcrossing
Vanessa Barrientos	9 Years	As-needed Up to 80%	Various Public Outreach Projects
Danny Mara, PE	1 Year	As-needed Up to 100%	Various Task Orders for the Cities of SFS and Bellflower
Jayesh Solanki	2 Years	As-needed Up to 100%	Just finished various TO's for SFS and is 100% available. Current Project: Available ASAP
Philip Hannawi, PE, MS, QSD	12 Years	As-needed Up to 100%	I-215 Holland Road Overcrossing

On-Call Services

Southstar | DCCM has significant experience in managing on-call contracts. We will coordinate and provide the necessary multidisciplinary staff, as needed, to fully support the tasks listed in the scope of services. The City can select Southstar professionals based on the type of project(s) the City is constructing, at any time or simultaneously. This approach also provides you with a larger pool of candidates over the duration of the on-call contract as we understand there is not guaranteed work for us at any specific time during the contract, and we will also be resource leveling our staff based on the City of Pico Rivera's needs. *Below is a flowchart of the typical task order process for similar on-call contracts.*



Strength and Stability

Southstar | DCCM's strength and stability is demonstrated by a nearly $30 Million capacity within our existing On-call contracts and our ability to be responsive to Client needs. Additionally, this month, Southstar was acquired by DCCM and will be able to provide additional depth of resources, while still providing the familiar faces that you know and trust. We fully expect that the Southstar | DCCM union will provide increased strength and stability to all our clients in Southern California.

Example of Similar On-Call Efforts

For the City of Santa Fe Springs, we provide cross-trained staff that have managed over 60 task orders, varying in scope, schedule and budget. Currently on Task Order 67, we have a proven track record of meeting schedules on similar types of projects, showcased by a selection of task orders shown in the table below. These projects are nearly identical regarding the scope of services being requested by the City of Pico Rivera.

SOUTHSTAR ENGINEERING - INVOICE SUMMARY Billing Period 11/1/2023-11/30/2023				
TASK ORDER	PROJECT DESCRIPTION	BUDGET*	BILLED TO DATE	REMAINING FUNDS
TO 11	Staff Augmentation for Santa Fe Road Improvement Project	$50,490.00	$2,310.00	$48,180.00
TO 15	Project Management Services for the Santa Fe Springs Slurry Seal Program	$19,800.00	$9,982.50	$9,817.50
TO 16	Project Management Services for the Florence Avenue Widening Project	$85,800.00	$70,042.50	$15,757.50
TO 19	Project Management Services for the Valley View Ave/Rosecrans Ave Intersection Widening Project	$44,550.00	$31,570.00	$12,980.00

List of Previous Projects With Subconsultants

The table bleow identifies the previous projects which Southstar | DCCM has have worked together with our proposed Subconsultant team firms:

FIRM	PROJECT	ROLES AND RESPONSIBILITIES
(SS) - Prime (ICF) -Sub	**City of Murrieta** I-215 Holland Overcrossing	**CM and Inspection – (SS)** **Surveying - (Blackhawk)**
(SS) - Prime (Blackhawk) -Sub	**City of Temecula** I-15 Congestion Relief Project	**RE and Inspection – (SS)** **Environmental Compliance - (Blackhawk)**
(SS) - Prime (Psomas) - Sub	**City of Murrieta** I-15 Los Alamos Overcrossing	**RE and Inspection – (SS)** **Surveying - (Blackhawk)**
(SS) – Sub / Coory (C) - Sub	**City of Santa Fe Springs** On-Call - Aquatics Center	**Project Management - (SS)** **TCE/Entry - (C)**

Organization Chart and Proposed Roster

This organizational chart illustrates our team's proposed roles, lines of communication and support services. Below is a roster of available staff for the City of Pico Rivera to select, as needed and specific to any given CIP project. *Southstar | DCCM is happy to meet with the City to determine the unique needs of any given project and provide recommendations from the available roster with regard to both technical expertise and availability as well as cost considerations.* Southstar | DCCM understands that those designated as key personnel will be available to the extent proposed for the duration of the required services and acknowledges that no person designated as "key" shall be removed or replaced without the prior written concurrence of the City of Pico Rivera.

Members of the team may include professionals from other DCCM divisions.

Yvette Kirrin, PE
PRINCIPAL-IN-CHARGE/PROJECT MANAGER

Education • BS, Mechanical Engineering, University of Florida, 1992

Professional Registrations • Professional Civil Engineer, CA #C63667

BIOGRAPHY

Ms. Kirrin has over 30 years of extensive transportation planning, design and construction and project management. Her management expertise is in the facilitation of large transportation projects within small and large governance structures, as well as an expertise in federal, state and local funding, including working with Metro and Caltrans. In addition to Yvette's business role with Southstar, she is a working partner and has several Project and Program Manager roles in southern California. These roles utilize her technical knowledge to deliver projects, as well as her strategic thinking in the political advocacy arena. She has significant experience working with diverse stakeholder groups, and she focuses on equity and inclusion for the delivery of the best projects. Yvette's technical experience includes the planning, design and construction of interchanges and freeways, multimodal complete streets, including roundabouts, and the coordination of large projects such as MagLev (planning phase), the California High Speed Rail project (representing the Cities within the Gateway subregion during the preliminary engineering) and the I-5 (in LA, representing the cities along the corridor from the 710 south to the County Line). **Years of Experience –** 15 with Southstar | 30 in Role

RECENT PROJECT EXPERIENCE

RANDOLPH CORRIDOR ACTIVE TRANSPORTATION PROJECT **Commerce, CA - Project Manager**

Ms. Kirrin is responsible for managing the completion of the Project that extends along the Randolph Corridor beginning at the eastern terminus in the City of Commerce and extending west along the corridor through the Stakeholder's westerly corridor terminus; a distance of 6.83 miles. She is overseeing the overall scope, schedule and budget, but also the Metro Funding Agreement requirements, reimbursement, and the balance of equity between the Cities of Commerce, Bell, Huntington Park and the County of LA via the executed Memorandum of Understanding. Ms. Kirrin is managing Phase 1 planning/ concept engineering work to be done and based on the elements that the jurisdictions wish to move forward with, these will be basis of Phase 2 environmental work. Phase 3 will develop the PS&E and bid specifications needed to construct elements that were cleared as part of Phase 2, and that conceptually fit within the budget, as quantified in Phase 1.

GATEWAY CITIES COUNCIL OF GOVERNMENTS (GCCOG)

Los Angeles County, CA - Transportation Engineer

Ms. Kirrin is responsible for the subregional technical review, oversight and program management tasks needed to facilitate Metro Measure R and Measure M funds for the Gateway Cities Council of Governments (GCCOG). Additionally, she is responsible for various portions of the subregional transportation initiatives including the arterial complete streets projects and the active transportation strategic projects for the 27+ Cities/Jurisdictions. This includes the facilitation of over $1 Billion in funds. Ms. Kirrin is responsible for protecting the interests of the Cities regarding how the funds are allocated and spent, as well as responsible for communicating to the Public Works offices, City Mangers and Elected officials the status on the projects. More than 50 projects in the subregion have been coordinated and delivered, utilizing Ms. Kirrin's expertise in the areas of funding, planning, design, right of way, construction and/or construction management and inspection.

CITY OF SANTA FE SPRINGS STAFF AUGMENTATION **Santa Fe Springs, CA - Interim Public Works Director/Project Manager**

Ms. Kirrin recently served as the Interim Public Works Director for the City of Santa Fe Springs, where her duties include the management of multiple managers and divisions, coordination with the City Council and the oversight of large-scale subregional projects. She still represents the City as their Project Manager for the Rosecrans/Marquardt Grade Separation Project. Responsible for coordination with Metro, BNSF, other City Staff, and Caltrans in the review of plans, processing of Section 190 invoices, Right of Way vacations, water line relations and flagging.

Amr Abuelhassan, PE, MS, QSD
CONSTRUCTION MANAGER/RESIDENT ENGINEER

Education
- Master of Science, Civil Engineering, California State University, Fullerton, 1997
- Bachelor of Science, Civil Engineering, California State Polytechnic University Pomona, 1991

Professional Registrations
- Professional Engineer, CA #C57817
- Qualified SWPPP Developer (QSD) #23428

BIOGRAPHY

Mr. Abuelhassan has over 31 years of experience in project management, construction management, and civil engineering. His extensive construction management and administration experience and knowledge provides a solid foundation for the delivery of projects from inception to completion of construction. Mr. Abuelhassan's experience includes working for Caltrans District 8 delivering projects on various routes within the District as a Project Manager and as a Resident Engineer. Mr. Abuelhassan's experience also includes working for the County of San Bernardino Department of Public Works as a Resident Engineer where he performed the duties of construction manager on several successful projects. During his tenure, as Resident Engineer at the County of San Bernardino Department of Public Works, Mr. Abuelhassan delivered the largest transportation construction project in the County's history, Ft. Irwin Road Widening and Rehabilitation Project. Mr. Abuelhassan has managed dozens of other projects during his 30+ year career. If additional projects or details are required, please inquire further.
Years of Experience – 14 with Southstar | 32 in Role

RECENT PROJECT EXPERIENCE

I-215 HOLLAND ROAD OVERCROSSING - Menifee, CA - Resident Engineer

Mr. Abuelhassan is overseeing construction management activities for this project. Project scope consists of constructing roadway approaches and I-215 overcrossing at Holland Road in the City of Menifee. The bridge is a 328 foot, 3-span, cast in place, post tensioned box girder bridge and will provide 2 lanes of traffic, a bicycle path, and sidewalk in each direction. Decorative barrier rail and bridge lighting will match the recently constructed bridges at Newport and Scott Roads. Future utilities will be accommodated with 2- 18" EMWD water lines and 6- 5" SCE conduits within the bridge, and electrical and communication conduits in the sidewalks. Bridge will be founded on 36" Cast in Drilled Hole, (CIDH) piles.

RIVERSIDE AVENUE SOUTH STREET RECONSTRUCTION PROJECT -Rialto, CA - Resident Engineer

Mr. Abuelhassan was responsible for overseeing all construction activities along with performing all schedule preparation, review, and task analysis. Major tasks performed included Scoping, Cost Estimating, Scheduling, Budget Management, Preparation and tracking of monthly invoicing to the City and vendors involved. This project was Phase 2 of the 3 phase vision for Riverside Avenue and continued to overlay and reconstruct Riverside Avenue (South) between Interstate 10 (I-10) to Santa Ana River. Project included upgrades of existing and construction of new ADA-compliant curb ramps, and reconstruction of sidewalks, sidewalks, driveways, curbs, and gutters. At the request of the City of Rialto, Southstar designed and added two right turn lanes at Santa Ana Avenue and Resource Drive. Underground utilities were also adjusted to new roadway surface grades. The majority of work was performed at night because Riverside Avenue is a heavy truck traffic roadway.

I-15/CAJALCO INTERCHANGE IMPROVEMENT PROJECT - Corona, CA - Resident Engineer

Mr. Abuelhassan was serving as the Resident Engineer for this $50 Million project. The project reconstructed the interchange located on Interstate 15 at Cajalco Road in the City of Corona. The proposed improvements increased the capacity of the overcrossing and ramps in order to reduce congestion and accommodate projected development and growth in the area. A six-lane overcrossing bridge was constructed on a new alignment north of the existing bridge. Four existing ramps were realigned, and one new loop ramp was also constructed, for a total of five new and modified ramps. Mr. Abuelhassan was responsible for overseeing all construction activities along with performing all schedule preparation, review, and task analysis. Despite many external challenges, he led the team to deliver the project before the proposed schedule of delivery and under budget.

Danny Mara, PE, QSD
PROJECT MANAGER/CONSTRUCTION MANAGER

Education
- BS, Civil Engineering - California Polytechnic University Pomona, CA
- MS, Civil Engineering Coursework - California Polytechnic University Pomona, CA

Professional Registrations
- California Licensed Professional Engineer (P.E.) Civil #78479

BIOGRAPHY

Mr. Mara is technically experienced in the Project Construction Management of Large Complex Heavy Civil Engineering Projects with elements such as but not limited to large Cast-In-Place Structures, Retaining Walls, MSE retaining walls and Multi-Span Freeway Interchange Connector Bridges, Large Diameter CIDH piles, driven steel and concrete piles, Prestressed/Post Tensioned Concrete Bridges, Precast Girder Bridges, Bridge Lowering, Concrete and Asphalt Pavement and Stormwater/Sewer Drainage. He was also the Licensed Professional Resident Engineer on past projects and performed duties of the lead worker over the Project Team. He has assigned work and given instructions to the Project Team, Engineers, Inspectors, Material Testers, Office Personnel and Contractors while making decisions on solving difficult engineering and administrative issues. He has reviewed and approved Submittals, RFIs, Contract Change Orders, Progress Payments and Final Pay Estimates, ensured that expenditures are accounted within Project Budget, coordinated Project Scheduling, ensured Traffic Control Regulations, OSHA Safety Regulations, SWPPP Environmental Regulations are met and assisted with ensuring project records are maintained. He has knowledge in Project Document Control Software, Oracle Aconex, AutoCAD, Micro-Station, Bluebeam, Microsoft Office and similar software.
Years of Experience – 1 with Southstar | 18 in Role

RECENT PROJECT EXPERIENCE

SANTA FE SPRINGS AQUATIC CENTER RENOVATION PROJECT - Santa Fe Springs, CA - Project Manager

Mr. Mara assisted the city with General Engineering and Project Management services for the $12M renovation of the existing Aquatic Center new amenities including jacuzzi, splash pad, cabanas, concession stand, shaded structures, interior pool house renovation. He provided full range of project management and engineering services including cost estimating, scheduling, coordinating architects and designers, preliminary studies, public outreach, conceptual drawings, specifications, and other professional services.

SANTA FE SPRINGS WATER WELL PROJECTS - Santa Fe Springs, CA - Project Manager

Mr. Mara assisted the city with General Engineering and Project Management services for Santa Fe Springs Water Well Projects. He provided full range of project management and engineering services including cost estimating, scheduling, coordinating architects and designers, preliminary studies, public outreach, conceptual drawings, specifications, and other professional services for the evaluation of existing water wells throughout the City.

GARD AVE/JOSLIN ST STORMWATER DRAINAGE IMPROVEMENT PROJECT - Santa Fe Springs, CA - Project Manager

Mr. Mara assisted the city with General Engineering and Project Management services for Gard Ave/Joslin St Stormwater Drainage Improvement Project. This $3M project evaluated existing storm water conditions and drainage impacts to the area. Provided full range of project management and engineering services including cost estimating, scheduling, coordinating architects and designers, preliminary studies, public outreach, conceptual drawings, specifications, and other professional services.

PORT OF LOS ANGELES – APM TERMINALS PIER 400 MODERNIZATION - San Pedro, CA - Resident Engineer

Mr. Mara was the Licensed Professional Resident Engineer for this project. He has assigned work and given instructions to the Project Team and Contractors. He has reviewed and approved Submittal and RFIs, Contract Change Orders, Contractor Pay Estimates, ensured that Project Budget expenditures are complete and accurate, coordinated Project Scheduling, ensured Safety, SWPPP Environmental Regulations are met and performed Quality Assurance of the Civil Construction. The first phase of the APM Terminals Pier 400 Project M will modernize portions of Pier 400 to create cost and operational efficiencies. The civil and electrical improvements include pavement upgrades, electrical substations, secure fencing, and new reefer racks.

Jayesh Solanki
CONSTRUCTION INSPECTOR/PROJECT MANAGER

Education	• Associates Degree - Construction Management (India)
Professional Certifications	• CTQP, SCDOT, ACI Technician Grade 1, Nuclear Safety Cert, ATSSA MOT Advanced, PTI Level 1& 2, SCDOT Concrete Levels I and II, Asphalt Roadway Technician, ACI Concrete Field-Testing Grade 1

BIOGRAPHY

Mr. Solanki is a Civil Engineer with over 35 years of experience in the engineering and construction industry. He has served in various roles on roadway and bridge projects including project manager, construction manager, and roadway and segmental bridge inspector. His professional registrations include CTQP, SCDOT, ACI Technician Grade 1, Nuclear Safety Cert, ATSSA MOT Advanced, PTI Level 1& 2, SCDOT Concrete Levels I and II, Asphalt Roadway Technician and ACI Concrete Field-Testing Grade 1. **Years of Experience –** 2 with Southstar **|** 35 in Role

RECENT PROJECT EXPERIENCE

ON-CALL CONSTRUCTION INSPECTION & ENGINEERING PROFESSIONAL SERVICES

Santa Fe Springs, CA - Construction Manager/Senior Construction Inspector

Mr. Solanki provided Construction Inspection services on various task orders for the City of Santa Fe Springs. He has inspected improvements that included: reconstruction of sidewalks, stamped concrete, curb and gutters; upgrades or additions of ADA ramps; pavement rehabilitation; storm drain reconstruction or rehabilitation; and traffic signal upgrades, landscape and irrigation improvements, bioswale construction, and parking lot resurfacing.

MUNICIPAL SERVICE YARD WAREHOUSE AND ADMINISTRATIVE OFFICE ROOF REPLACEMENT

Santa Fe Springs, CA - Construction Manager/Senior Construction Inspector

Mr. Solanki provided Construction Management and Inspection services on this roofing project for the City of Santa Fe Springs. Duties included approval of material submittal, contract Change Orders, Monthly Estimate preparation for City Construction Manager approval and conducted site visit to access contractor's performance. He also assisted Project Inspector with any site issues resolved site issues in coordination with City PW department, Contractor and the material supplier (To comply with their warranty requirements).

FIRE STATION HEADQUARTERS ROOF REPLACEMENT

Santa Fe Springs, CA - Construction Manager/Senior Construction Inspector

Mr. Solanki provided Construction Management and Inspection services on this roofing project for the City of Santa Fe Springs that renovated the Fire Station HQ. Duties included approval of material submittal, contract Change Orders, Monthly Estimate preparation for City Construction Manager approval and conducted site visit to access contractor's performance. He also resolved site issues in coordination with City PW department, Contractor and the material supplier (To comply with their warranty requirements)

RESIDENTIAL STREET IMPROVEMENTS SOUTH OF FLORENCE AVE. (TRIANGLE) LONGWORTH AVE. (ORR AND DAY ROAD TO HARVEST AVE.)

Santa Fe Springs, CA - Construction Manager/Senior Construction Inspector

Mr. Solanki provided Construction Management of this street improvement project for the City of Santa Fe Springs on this project that improved residential streets. Duties included material submittal approval, Asphalt mix analysis with FRAC. The project was constructed using Greenbook 2018 standards. He was responsible for coordinating phased construction with City Managers, Inspector and Contractor and approval of the monthly estimates including final payment. During the project he kept track of the contract items quantity changes and negotiate change orders with contractor.

Philip Hannawi, PE, MS, QSD

PROJECT MANAGER/UTILITIES COORDINATOR/RIGHT-OF-WAY COORDINATOR

Education
- MS Civil Engineering – 1984 University of Illinois
- Master of Engineering Management – 1988 Northwestern University

Professional Certifications
- Professional Engineer Civil No. 44747, CA
- Qualified SWPPP Practitioner (QSP) #23429

BIOGRAPHY

Mr. Hannawi is a Professional Civil Engineer in the State of California with over 44 years of experience in project management, municipal civil engineering, and construction management. He has served as Assistant Resident Engineer/Office Engineer for highways, numerous streets widening and extensions, grade separations, and pavement rehabilitations. His experience also includes design and drafting of several projects involving street widening and extension, grade separations, pavement rehabilitation, sewer and storm drain design. Mr. Hannawi served as the Engineering Manager for the Engineering Division of the City of Riverside. He also managed several design contracts involving coordination with Caltrans and Union Pacific/BNSF Railway Companies. He was responsible for applying for and securing several Federal and State grants for public works projects during his time with the City or Riverside. **Years of Experience –** 12 with Southstar | 45 in Role

RECENT PROJECT EXPERIENCE

STATE ROUTE 91 EASTBOUND AUXILIARY LANE - Caltrans District 8, CA - Project Manager

The project included over 100,000 cubic meters of roadway and structure excavation, one million kilograms of reinforcing steel, 10,000 cubic meters of structural concrete and 20,000 cubic meters of Portland cement concrete pavement placed on the project. Mr. Hannawi was responsible for managing the consultant contract for the design of the State Route 91 Eastbound Auxiliary Lane between La Sierra Avenue and Tyler Street project. Worked closely with Caltrans to coordinate the design and deliver the project.

UNIVERSITY AVENUE IMPROVEMENTS - Riverside, CA - Project Manager

Mr. Hannawi designed phase 1 and supervised the design of phases 2 and 3 of this $8 million University Avenue Improvements project. The project included street widening, median construction, decorative sidewalks and crosswalks and extensive landscaping. He coordinated the design and construction of the University Avenue/ State Route 215 eastbound onramp with Caltrans.

SAN PABLO AVENUE PHASE I & II STREETSCAPE IMPROVEMENTS - Palm Desert, CA - Assistant Resident Engineer

The proposed project included the 2,600-foot segment of San Pablo Avenue from Highway 111 to Fred Waring Drive. The project reduced the existing number of lanes through a road diet, which introduced improved bikeway facilities along the corridor, enhanced pedestrian accommodations, new landscaping, beautification of existing community gardens, on-street parking, and a roundabout intersection at San Gorgonio Way. His duties consisted of: Reviewing RE Pending Files, Project History, Background with Designer, assembled staff, prepared project Safety Plan and QA/QC Plan and conduct safety training. He set up project files using Caltrans Project Development Uniform Filing System, coordinated utility relocations with private owners and complete before issuing the NTP, conduct meetings with affected stakeholders and utility companies, conduct pre-construction meetings with the City, contractor, design engineer, and utilities and agencies.

RCTC, I-215 WIDENING – SOUTH - Riverside County, CA - Assistant Resident Engineer/Office Engineer

Project widened six miles of Interstate 215 between Murrieta Hot Springs Road and Scott Road. One lane was added in each direction completing three northbound lanes and three southbound lanes along this section of freeway. Mr. Hannawi was responsible for setting up and maintaining project files, writing construction change orders, processing required documents and progress payments, monitoring and enforcing labor compliance and the Storm Water Pollution Prevention Program and the General Permit.

Vanessa Barrientos
PUBLIC OUTREACH MANAGER (BILINGUAL)

Education • BS Criminal Justice, California State University, San Bernardino

Experience • 9 Years with Southstar | 18 Years in Role

BIOGRAPHY

Vanessa Barrientos has over 18 years of developing and executing tailored public awareness campaigns for over $3.4 billion high-profile infrastructure projects with a cost-effective approach by establishing goals, objectives, and budgets. She encourages open conversation and facilitates the access of project information. Top priorities are safety and engaging the community in an open conversation and facilitating the access of project information. Her unique approach to public outreach strains from her experience as a Caltrans Traffic Management Center Liaison, Assistant Project Manager for Caltrans Stream-Lined Oversight Projects, and as an Office Engineer. These assignments enhanced her communication skills – affording her the capability of communicating with Engineers - turn around and decode technical project information to the general public for continuous support throughout the life of the project.

RECENT PROJECT EXPERIENCE

CITY OF SANTA FE SPRINGS - PUBLIC WORKS, ON-CALL PUBLIC OUTREACH TASK ORDERS

Santa Fe Springs, CA - Bilingual Public Outreach Lead

Her responsibilities include as-needed tailored public awareness plans including, branding, collateral material, maps, project videos, presentations, translation, neighborhood meetings, construction meetings, TMP planning meetings and door-to-door communication. Task orders included:

- Triangle Residential Street Improvement Project – Design/Construction
- Los Nietos Park Parking Lot Improvements Project – Construction
- I-5 / Florence Avenue Interchange Project – Construction
- I-5 / Valley View Avenue Interchange Project – Design and Construction
- Florence Avenue Widening Project – Design and Construction
- Valley View Ave/Rosecrans Ave Intersection Project – Construction
- City Hall Town Center Plaza Parking Lot Improvement Project Construction

METRO LA, ROSECRANS/MARQUARDT GRADE SEPARATION-SANTA FE SPRINGS, CA

Santa Fe Springs, CA - Bilingual Public Outreach/ TCE Coordinator

Her responsibilities include developing and executing a comprehensive outreach plan for this complicated grade separation project. She is the lead Temporary Construction Easement (TCE) for 21 TCE's with property owners and tenants. She coordinates with the resident engineer, project manager, contractor, and construction staff. Her outreach plan includes a dedicated project helpline, business outreach, City Council briefing presentations, graphic design, photography, translation services, and construction alerts. She maintains a comprehensive documentation control system, detailing public inquiries, photos, and outreach activities.

GATEWAY CITIES COUNCIL OF GOVERNMENTS (GCCOG), CORRIDOR COMPLETE STREET MASTER PLANS STUDIES - Los Angeles County, CA - Bilingual Public Outreach Support

Southstar is providing technical oversight and program management services includes 20+ Cities/ Jurisdictions for the corridor master plans studies. Ms. Barrientos supports the technical team by coordinating with all Cities within each corridor and provides public outreach to inform the public about the study. Below are a few studies:

- Lakewood Rosemead Boulevard Complete Street Master Plan
- Artesia Boulevard Complete Street Master Plan
- Atlantic Boulevard/Avenue Complete Street Master Plan
- Florence Avenue Complete Street Master Plan
- Strategic Transportation Plan (STP)

Meet Our Subconsultants

The Southstar | DCCM team is rounded out with top-level subconsultant firms. We understand how important this contract is to the City of Pico Rivera, and have chosen experienced and well-qualified firms to join our team. They are trusted and respected in their field of work for the quality of services they provide, and have a proven track record of success.

SCOPE OF SERVICES
Civil/Electrical/ Design/Structures/ Environmental Services

PRIMARY CONTACT
Lisa Casler, PE

CONTACT INFORMATION
8770 North Street,
Suite 110
Fishers, IN 46038
317-588-1737

RQAW | DCCM (RQAW)

Since 1954, RQAW | DCCM HAS been helping our clients build thriving communities. They are a full-service architecture and engineering firm that provides a wide array of services ranging from architectural design to complex infrastructure projects. With every design, they strive to exceed our client's expectations while delivering projects on-time and on-budget.With 70 years of experience, their highest priority has always been developing lasting relationships and providing exceptional customer service. RQAW | DCCM are committed to bringing their client's visions to life, from initial concept to final inspection. Through practical solutions, innovative design, and high-quality project delivery, they will collaborate with you to propel your community forward and positively impact residents.

SCOPE OF SERVICES
Preliminary Engineering and Planning Studies

PRIMARY CONTACT
Chad Wood, PE

CONTACT INFORMATION
11701 Stonehollow Dr.
Suite 100
Austin, TX 78758
512-821-2081

ATG | DCCM (ATG)

Alliance Transportation Group, LLC, (ATG) is a specialized engineering and planning consulting services firm. ATG was founded in on strong beliefs of serving the community, developing sustainable relationships, and sharing success. ATG is headquartered in Austin, TX, and has offices in Dallas, TX, San Antonio, TX, Houston, TX, and Metairie, LA. Today, the firm employs more than 80 professional engineers, traffic operations engineers, certified planners, economists, computer technicians, public involvement specialists, and support staff. Their staff has established strong professional relationships with numerous departments and divisions within DOT's, Federal Transit Administration (FTA), Federal Highway Administration (FHWA) and counties, cities, and metropolitan planning organizations throughout the country. ATG staff have an in-depth understanding of federal, state, and local programs, policies, and regulations.

SCOPE OF SERVICES
Right of Way Phase & Determination/Prior Rights Expertise

PRIMARY CONTACT
Samir Khoury

CONTACT INFORMATION
1718 N. Neville Street
Orange, CA 92865

714-202-8701

Coory Engineering (Coory)

Since April 1980, Coory Engineering has provided design and surveying services for numerous projects in Southern California. Their success comes from their commitment to projects and responsiveness to and loyalty from our clients.

Coory Engineering specializes in the practice of general civil engineering and land surveying with a prime focus on municipal engineering, site development, and subdivisions. They offer clients, construction management and inspection services with serious consideration to the client's project budget and deadline needs. They serve cities, developers, architect firms and the construction industry.

SCOPE OF SERVICES
Environmental Services

PRIMARY CONTACT
Brian Calvert

CONTACT INFORMATION
525 B Street, Suite 1700
San Diego, CA 92101
949-333-6618

ICF Jones & Stokes, Inc. (ICF)

ICF Jones & Stokes, Inc. was established in 1970 and is a global firm of 4,500 staff. The local ICF team has a deep bench of environmental staff with the full range of expertise and knowledge needed to assist the City of Beaumont with Environmental Services. Their local and regional resources ensure responsiveness to City needs and bring a solution-oriented approach to issues that can threaten to delay projects. ICF has 40 staff in Irvine and 49 staff in San Diego, who are part of our 170 staff in Southern California. Their best reference is their repeat business with Caltrans and other state and local agencies for on-call contracts, including those with the Riverside County Transportation Department, Riverside County Transportation Commission, Orange County Transportation Authority, and Los Angeles County Metropolitan Transportation Authority.

SCOPE OF SERVICES
Environmental Services

PRIMARY CONTACT
Seth Reimers

CONTACT INFORMATION
1720 Midvale Drive
San Diego, CA 92105
619-972-7932

Blackhawk Environmental, Inc. (Blackhawk)

Blackhawk Environmental, Inc. is a Federal-certified Service-Disabled Veteran-Owned Small Business (SDVOSB) and California-certified Disabled Veteran Business Enterprise (DVBE) established as a S-corporation in the City of San Diego in 2012. Blackhawk provides a wide range of cost-effective environmental consulting services in biological & water resources, mitigation management, monitoring & compliance, regulatory agency consulting & negotiations, habitat restoration, CEQA/NEPA analyses, environmental document preparation, and associated disciplines. Blackhawk is a small business with 14 employees and a large network of environmental professionals, firmly dedicated to meeting the goals of all clients in an efficient and thorough manner. All staff members are adept in conducting biological surveys while serving additional roles as overall program environmental compliance specialists.

SCOPE OF SERVICES
Surveys, Mapping and Field Reviews

PRIMARY CONTACT
Sean Smith, PLS

CONTACT INFORMATION
1650 Spruce Street,
Suite 400
Riverside, CA 92507
951-300-2801

Psomas, Inc. (Psomas)

Established in Southern California in 1946 as a family-owned surveying firm, Named the largest surveying company in California by Engineering News-Record, Psomas has grown to offer full-service geospatial and civil engineering consulting services and currently employs over 750 professionals in 16 offices throughout California, Arizona, Washington, and Utah and over 190 surveying, GIS, and photogrammetric staff firmwide. From 3D laser scanning capabilities to FAA Certified Remote Pilots for small Unmanned Aerial Systems and subsurface utility detection services, Psomas brings a plethora of capabilities to your project. Markets served include transportation, water, site development, and energy. Psomas offers the following surveying services: Design Surveys, Right-of-way Engineering, Construction Survey & Staking, Terrestrial and Mobile LiDAR Scanning, Subsurface Utility Engineering (SUE) & Collection, Geographic Information Systems (GIS), Asset Location & Management, Aerial Mapping/Photogrammetry and Small Unmanned Aerial System (sUAS)/Drones.

Subconsultant Public Agency References

FIRM	AGENCY	NAME	PROJECT	ADDRESS	PHONE #
RQAW	**INDOT Crawfordsville District**	Karen Arnoldl	I-65 Added Travel Lanes	41 W 300 N, Crawfordsville, IN 47933	765.361.5241
RQAW	**INDOT Greenfield District**	Jonathan Wallace	I-70 Pavement Replacement & Added Travel Lanes	32 S Broadway St., Greenfield, IN 46140	855.463.6848
ATG	**TxDOT Dallas District**	Liang Ding	I-35 IAJR RE-Evaluations	4777 E. Highway 80 Mesquite, TX 75150	214.320.6100
ATG	**City of Pearland, Texas**	Yolci Ramirez	City of Pearland Traffic Engineering On-Call	2016 Old Alvin Road Pearland, TX 77584	281.652.1686
ATG	**City of Sugar Land, Texas**	Sagnik Raha	Country Club Boulevard Cut-Through Study	2700 Town Center Boulevard N Sugar Land, TX 77478	281.275.2274
BLACKHAWK	**San Diego Gas & Electric**	Karen Wilson	Sunrise Powerlink O&M	8315 Century Park Court, CP21E San Diego, CA 92123-1548	858.636.3972
BLACKHAWK	**Par West**	Mike Hobart	South Orange County Reliable Energy Project	11276 5th Street, Suite 100 Rancho Cucamonga, CA 91730	661.860.6679
BLACKHAWK	**Primoris Services Corporation**	Rod Nelson	Del Mar 69kV Reconfigure Project	2130 La Mirada Drive Vista, CA 92081	619.778.2405
ICF	**County of Riverside Transportation Department**	Jan Bulinski	Clinton Keith Road Widening	2950 Washington Street, Riverside, CA 92504	951.955.6859
ICF	**Caltrans District 8**	Kurt Heidelberg	District 8 On-Call	464 W 4th St, San Bernardino, CA 92401	909.388.7028
ICF	**City of Riverside Parks, Recreation, and Community Services Dept**	Alisa Sramala	Riverside Gateway Project	6927 Magnolia Ave, Riverside, CA 92506	951.826.2021
PSOMAS	**Parsons**	Serge Sinevod	Monte Vista Ave Grade Separation	3200 E. Guasti Road Suite 200 Ontario, CA 91761	760.607.7796
PSOMAS	**Kleinfelder**	Ben Rhode	Bear Valley Road Overhead At BNSF Railroad	2280 Market Street, Suite 300 Riverside, CA 92501	951.801.3720
COORY	**City of Santa Fe Springs**	Robert Garcia	On-Call Services	11710 Telegraph Rd, Santa Fe Springs, CA 90670	562.447.0701
COORY	**City of Downey**	Ed Norris	On-Call Services	11111 Brookshire Ave, Downey, CA 90241	562.869.7331

On-Call Understanding

Southstar | DCCM understands that the City of Pico Rivera requires services of qualified Engineering firms to provide On-Call Engineering services in support of the Public Works Engineering Division staff and it is the intent of the City to enter into a Professional Services Agreement (PSA) with the selected firm for these services, on a not-to-exceed basis and the term of the PSA will be five (5) years.

These On-Call Engineering Services shall include, but are not limited to Project Management, Community Outreach, Preliminary Engineering and Planning Studies, Surveys, Mapping and Field Reviews, Environmental Studies and Documentation, Utility Research and Coordination, Right of Way Phase & Determination, Design, Construction Phase Authorization, Bid Support Services, Construction Support Services, Grant Administration, and Prior Rights Expertise services. It is also understood that, if selected, Southstar will be able to provide qualified staff for any of the stated services related to the City's Public Works CIP and/or subregional efforts that might be needed.

Southstar | DCCM understands that the City reserves the right to select more than one firm to provide on-call engineering services and the City anticipates awarding multiple consultants a PSA. The work to be done by the selected Consultant shall be as specified in a Task Order, to be issued by the City to the Consultant prior to starting any work.

Southstar | DCCM understands that even though the Proposed CIP addresses primary infrastructure needs, a significant infrastructure maintenance backlog may remain and Southstar is prepared to provide services to address this issue as well. Southstar | DCCM can help the City target resources toward their most important need and seek all possible avenues to secure federal, State, and regional funding to supplement available City funding.

Southstar has a pool of experienced multi-disciplined engineering staff that can step in to lead any assigned project, but to ensure a consistent point of contact, Ms. Yvette Kirrin will serve as the Principal-in-Charge. ***Ms. Kirrin will meet with the City to discuss staffing needs for each task order or project and propose a list of suitable staff members for each task and allow the City to select their preferred candidates.*** All our staff members will be made available for in-person interviews prior to selection if the City prefers. The approach to how the Southstar Team intends to deliver these services can be found on the following pages.

Potential CIP Projects

Southstar | DCCM has taken the initiative to review the available Capital Improvement Program listed in the Adopted Budget FY 2023-2025 on the City of Pico Rivera's website and understands that the City's Public Works Department has highlighted upcoming infrastructure and capital projects that are aimed at enhancing the quality of life for local residents and businesses. Southstar | DCCM is prepared to provide both short-term and long-term experienced staff for the City's CIP projects. An advantage of using Southstar | DCCM is that we have experience delivering many of the types of projects listed in the categories of ADA Improvements, Facilities Projects, Parks Projects, Street Resurfacing and Sewer Main Improvements. Our team is flexible to the needs of the City and is eager to work on any project that is a priority to the City.

Demands of Potential CIP Projets

Southstar | DCCM understands that the CIP list is the primary guide to work that will be completed over the next few years within the City. We will be flexible to the needs of the City's CIP as priorities change, and our multi-disciplined team will be prepared to deliver a range of task orders, as well as multiple task orders, if the City should desire our services on multiple on-going projects. We will review the plans and complete a site visit to determine the specific demands that are anticipated. These are some examples of common concerns and issues that Southstar often finds during this process that could potentially delay the execution of any project if not addressed properly. It is preferred to think about these in advance to take appropriate precautions and avoid any negative impact on the time, quality, and project cost.

Generally, typical concerns may include the following:

LIST OF TYPICAL POTENTIAL CONCERNS AND RECOMENDATIONS:
1. Residential/School Zones - Send notices to inform residents to help raise awareness about the project.
2. Distinct Locations - Verify with contractor the schedule for working in distinct locations at same time in adjacent area. This will be especially important on days when work is scheduled in multiple areas.
3. Parking Restrictions - Limited available street parking spaces that may be partially used by contractor during construction. Our team will communicate with the contractor to coordinate availability of parking for residents and businesses.
4. Safety on Jobsite - Will need to have discussions with workers about their own personal safety and the safety of residents and pay special attention to residents and other pedestrians when they are around the jobsites.
5. Public Notification & Outreach - Provide informational updates for the City's website, Public Works Director, City Manager along with Council briefings that visually describe the project status, schedule, and risks, so that informed decisions can be rendered at any time of the project. Informational updates also keep the community informed and mitigate constituent concerns being elevated in haste.
6. Construction Yard Location - The contractor may need to have a construction yard for storage of materials and equipment every single day to prevent claims from residents.
7. Progress Communication - Team will communicate regularly with contractor, the City and the public about progress of the project.
8. Working Hours - The contractor may need to adjust the working hours in the locations next to any business, schools and/or major arterials for heavy traffic. Night work may be necessary.

Southstar | DCCM Team Capabilities

Our team does not require a learning curve in City, Caltrans and federal policies, procedures and processes. Southstar | DCCM team members have demonstrated the ability to work on any task assigned and with the ability to adjust and assist other members of the team when workloads change and in our Organization Chart we have noted several staff members who can fill multiple positions. *Southstar | DCCM does not require any resources, information, or assistance from the City to perform the expected services other than the necessary project documents such as plans and specifications once a task order has been assigned.*

Approach and Work Plan

Southstar | DCCM follows a comprehensive methodology consisting of dozens of time-tested and proven strategies for ensuring contractors working on public works capital projects for municipal agencies stay on schedule and under budget. *The following subsection lays out Southstar's Approach and Work Plan to the City's CIP Projects specific to Engineering services.* Additionally, this proposal also includes Public Outreach Services, which we feel is an integral task needed for the success of any project, via the coordination that is provided via informational releases from the City as well as keeping City management, leadership and Council members informed, with attention to detail in the community, minimizing issues being elevated within the City.

Below includes an outline of the Southstar | DCCM staff that will lead each of the SOW areas under the leadership of Ms. Yvette Kirrin, P.E. - Project Manager and Principal-In-Charge.

A. Project Management - Yvette Kirrin, PE

B. Community Outreach - Vanessa Barrientos

C. Preliminary Engineering and Planning Studies - Yvette Kirrin, PE

D. Surveys, Mapping and Field Reviews - Psomas

E. Environmental Studies and Documentation - ICF & Blackhawk

F. Utility Research and Coordination - Yvette Kirrin, PE

G. Right of Way Phase & Determination - Samir M. Khoury, PE

H. Design - RQAW | DCCM

I. Construction Phase Authorization - Amr Abuelhassan, PE, MS, QSD

J. Bid Support Services - Danny Mara, PE, QSD

K. Construction Support Services - Danny Mara, PE, QSD

L. Grant Administration - Yvette Kirrin, PE

M. Prior Rights Expertise - Samir M. Khoury, PE

Ms. Kirrin, will be responsible for coordinating with the City to provide the staff needed for any assignment, and to execute task orders on behalf of Southstar. All services shall be in accordance with local guidelines as described in Chapter 16, "Administer Construction Contracts" of the Caltrans Local Assistance Procedures Manual, the Caltrans Construction Manual, and the Caltrans Construction Manual Supplement for Local Agency Resident Engineer, and the Greenbook.

A. Project Management

Southstar | DCCM has extensive experience managing a wide range of small, medium, and large-scale infrastructure projects, including a variety of CIP and subregional projects ranging from roads, highways, and corridors, to parks, parking lots and aquatic centers, to fire stations roofing and city hall renovation projects. Southstar | DCCM utilizes effective project management practices related to managing scope, schedule, and budget, while closely collaborating with the City staff, management, and Council, as well as all related stakeholders.

B. Community Outreach

Our team has extensive experience in community outreach and public education programs. Our team, led by Vanessa Barrientos who is bilingual, will provide support for community outreach and public meetings related to the projects. Our team will ensure that accurate information about the projects reaches residents, businesses and the community in a timely, cost-effective manner. Communication platforms are designed to meet the specific requirements of communities and businesses. Our aim is to minimize inconvenience to the community and traveling public, who play an important role in the success of all projects. Ms. Barrientos's ability to communicate about design, and engineers an asset throughout the life of the contract.

PRE-CONSTRUCTION TASK	
Review Plans and Traffic Control	Identify challenges for the public outreach approach.
Tailored Public Awareness Plan	Outline tasks and deliverables.
Communication Tools	Set-up, bilingual Helpline, Project Email Address, Project Webpage, Social Media Protocols
Tailored Project Material	Design factsheet, maps, signs, staging plans, and translate. Submit for review and approval.

CONSTRUCTION TASK	
Community Meetings	Plan, invite, and execute a meeting with a PPT.
Construction Meeting	Attend, review the schedule, and ask questions.
Construction Notice	Develop notice, map and submit for approval.
Translate	Translate into Spanish.
Notice 60's Video	Design construction notice slides and photos.
Emergency Responders	Inform emergency responders of closures.
Hand Deliver	Deliver notices to businesses or residents.
Communication log	Log all calls, emails and inquiries
TCE Coordination	Review the dates and construction impacts.

C. Preliminary Engineering and Planning Studies

Southstar | DCCM will work with our partners RQAW | DCCM and ATG | DCCM to develop design concepts and related activities needed to establish the parameters for final design such as Geometrics, Hydraulics, Geotechnical, Bridge, Landscape Architecture, Traffic and multimodal Operations, Electrical, ITS Elements, etc. Southstar | DCCM has extensive experience in preparing multi-modal corridor planning studies for the Gateway Cities COG. We also have extensive experience developing Caltrans Project Study Reports and Project Reports needed for capital projects greater than $1 million on the state system. These planning documents are used to establish the project footprint that will be cleared environmentally by the CEQA, and if necessary NEPA, process. Southstar | DCCM will be the lead with assistance from our partners, who will prepare the concepts and/or plans needed to support the preliminary engineering and/or planning study efforts.

D. Surveys, Mapping and Field Reviews

Southstar | DCCM's Surveying subconsultant, Psomas, will be responsible for data collection, mapping and surveying necessary for preliminary engineering, design, cost estimates, right-of-way impacts, and the level of environmental clearance. The scope of comprehensive base mapping and surveying that Psomas will provide includes but is not limited to Control Surveys, Topographic Surveys, Monument Establishment, Aerial Photogrammetry, Right-of-Way Retracement, and a Record of Survey. All formal surveying will be conducted in accordance with the Professional Land Surveyors' Act and California Business and Professions Code.

Psomas will also review available record plans, existing/proposed conditions and requirements. Additionally, Psomas will conduct a field review meeting and prepare field review report, in order to confirm the accuracy of any existing drawings, surveys, streets, and utility location data obtained. Psomas is expected to conduct additional surveys based on the project requirements and Southstar | DCCM will oversee these tasks. Psomas will also prepare a preliminary design report of alternatives, preliminary cost estimate and preferred alternative.

E. Environmental Studies and Documentation

Southstar | DCCM will coordinate with ICF (for the Environmental Phase) and/or Blackhawk (for the Construction Phase) for any Environmental Studies and Documentation needed for the City on a given project. Our team understands that specific environmental documentation work may be required by the funding agency and the City including, but not be limited to the following: preparation of Preliminary Environmental Study (PES) and completion any required technical studies for NEPA compliance, CEQA compliance documentation and technical studies, NPDES permit regulations, Regional Board Section 401 certification, any coordination as required completing the environmental NEPA and CEQA work.

Additionally, our environmental subconsultants will assist City staff with obtaining any encroachment permits required for the project from agencies such as Caltrans, County of Los Angeles, and any other having jurisdiction. For federally funded projects, these services include preparation of all required Local Assistance Procedure Manual Exhibits to be submitted to Caltrans.

F. Utility Research and Coordination

Project Manager, Ms. Yvette Kirrin, PE, will lead this task, and be responsible for the creation of the utility conflict matrix and leading all prior rights research. Based on the rights of the utility owner, recommendations will be provided to the designer with regard to possible relocations vs. protection in place dispositions for both wet and dry utilities. Southstar | DCCM will work with the City to ensure all legal documents are updated and approved by the City Council, as well as incorporated properly in to the project PS&E package with regard to disposition, and possible relocation to be completed either prior to the project or within work windows of construction. Ms. Vanessa Barrientos will be responsible for alerting all affected utility companies, school administrators, Water District, Police Department, Fire Department, Trash Services, and Public Transportation Agency for the pre-construction meeting and during construction. Our team will review the scope of work with each utility company at the pre-construction meeting, review possible conflicts, and work with each utility to ensure that specific needs of the project are understood. Southstar will coordinate with utility companies to expedite identification of any unknown utilities found during exaction and will coordinate any relocation work by utility companies after notifying the City.

G. Right of Way Phase & Determination

Southstar | DCCM will coordinate with Coory Engineering for Right of Way Phase & Determination. Coory will prepare Request for Authorization to advance project to Right of Way Phase using procedures outlined in the Caltrans Local Assistance Procedures Manual. When authorized, Coory will review right-of-way records and establish additional right-of-way along the entire alignment, if necessary. Additionally, Coory will provide right-of-way services, including but not limited to, right-of-way acquisitions, appraisals, temporary construction easements and permanent easements on an as-needed basis based on the project parameters. For federally funded projects, Coory will prepare all Caltrans Local Assistance Procedures Manual Exhibit forms for right-of-way certification.

H. Design

Southstar | DCCM will coordinate with our partner RQAW | DCCM on designing the improvements and preparing plans, specifications, and estimates in accordance with City of Pico Rivera Standards, Standard Plans and Specifications for Public Works Construction and Caltrans Standard Plans and Specifications to achieve project objectives. RQAW will examine and present project alternatives, as necessary, which complete project goals within the construction budget.

Plans developed by our team will be prepared using the City of Pico Rivera AutoCAD format and plot style. Copies of AutoCAD files will accompany each level of plan submittal and all AutoCAD files will be bound to each individual plan. Any Technical Special Provisions will be prepared per City of Pico Rivera requirements for bidding and the City will provide boilerplate front-end specifications. Special provisions will be prepared per Greenbook format, latest edition. All final plans and specifications will be stamped and signed by the California Registered Engineer of Design, along with other applicable licensed disciplines.

I. Construction Phase Authorization

Southstar | DCCM team will prepare Request for Authorization to advance project to the Construction Phase by using procedures outlined in the Caltrans Local Assistance Procedures Manual.

J. Bid Support Services

Southstar | DCCM administers and advertises construction bids, prepares for pre-bid meetings, manages inquiries, and coordinates responses with the City's Design Consultant.

K. Construction Support Services

Consistent with the scope of services that Southstar | DCCM submitted as part of the City's Construction Management and Inspection Services RFP, Southstar | DCCM is prepared to execute task orders related to the following construction support tasks that might be needed by the City:

Southstar | DCCM employs Value Engineering (VE) throughout the project lifecycle to enhance cost-effectiveness and maintain structural integrity. This approach minimizes costs and reduces waste by providing a clear project overview, facilitating the elimination of redundancies, and ensuring optimal material allocation.

Southstar | DCCM assists the City in reviewing and evaluating bids, ensuring compliance with contract terms, and recommending successful low bidders. Notice of Award, Agreements, and Purchase Orders are processed.

Effective communication with Project stakeholders, including local residents, businesses, utility owners, and agencies, is crucial. A project-specific Public Outreach plan developed by Vanessa will ensure transparent communication. Additionally, our team will create a project-specific communication plan for stakeholders and the City.

L. Grant Administration

For projects funded by federal grants, Southstar | DCCM will prepare and submit Requests for Authorization (RFA) to Caltrans Local Assistance for the various phases of work including, but not limited to the following: Preliminary Engineering (PE), Right of Way (R/W), Utility Relocation (RW/UTIL), and Construction (CON). Southstar will prepare and submit Award Package and Final Report of Expenditures to Caltrans and assist the City on the preparation of Federal and State invoices. These services will be in accordance with Caltrans Standards, FHWA Standards, and the City's Standards.

Southstar | DCCM is also prepared to write grants for the City specific to Caltrans Cycle funds, Metro Active Transportation Funds, SCAG/METRO former STPL funds, Metro Measure funds, and many more. In addition to writing the grants, including the scope of work, schedule and cost associated with each submittal, Southstar is also prepared to administer a wide array of grants for the City to be sure to meet all the regulatory requirements specifically associated with each grant. Ms. Yvette Kirrin, PE has experience obtaining over $22 million in grants within the Gateway Cities subregion. Ms. Vanessa Barrientos has experience in administering grants and the outreach associated with the grants for several cities within Los Angeles County including West Hollywood and Santa Monica.

M. Prior Rights Expertise

Southstar | DCCM will lead the prior rights research with assistance from Coory Engineering. Our team will not only prepare the utility matrix but work with the utility companies to determine who is responsible for paying for any potential relocation associated with the project. Determining who (the City or the utility owner) has prior rights is essential to understanding the project cost impacts resulting from any relocation needed, as well as keeping a project on schedule. Southstar | DCCM will notify each utility company of the proposed project and track all requests and receipt of prior rights information. This is part of an iterative process as well as to obtain and keep record of prior rights information for various utility companies or Third Parties and for the Report of Investigation (ROI). Southstar | DCCM will work with City staff and the City Attorney, as needed, if a franchise agreement or easement is needed or must be modified. Exhibits for these potential legal changes will be prepared by Coory Engineering.

Similar On-Call Project Experience

It is important for Southstar | DCCM to showcase the depth of experience that has broadened our skills and talents and will serve us well in delivering the projects as part of the Capital Improvement Projects for the City of Pico Rivera. Multiple street rehabilitations, grade separations, and roadway projects, combined with our deep knowledge of Caltrans procedures, have us ready to take on any project with an unmatched level of expertise. The examples on the following pages detail our expertise in successfully completing past Public Works construction projects that have prepared us for delivering future projects.

On-Call Construction Inspection & Engineering Professional Services

CITY OF SANTA FE SPRINGS | 2016 - Ongoing | Project Cost: Various

Southstar | DCCM has been providing project management, construction management and public outreach services on various Capital Improvement Projects for the City of Santa Fe Springs. *Southstar has been responsible for delivering over 50 task orders since 2018.* Improvements included: reconstruction of sidewalks, stamped concrete, curb and gutters; upgrades or additions of ADA ramps; pavement rehabilitation; storm drain reconstruction or rehabilitation; and traffic signal upgrades, landscape and irrigation improvements, bioswale construction, and parking lot resurfacing. Below is a list of notable completed task orders:

- Santa Fe Road Improvement Project
- Painter Road Improvement Project
- Rivera Road Street Improvements
- Santa Fe Springs Slurry Seal Program
- Florence Avenue Water Main Relocation Phase 1 and 2
- City Hall Parking Lot Improvements
- Triangle Residential Street Improvement
- Los Nietos Park Parking Lot Improvements Project
- Little Lake Park Parking Lot Improvements Project
- Fire Station HQ Roof Replacement
- North Wing City Hall Renovation Project
- I-5 / Florence Avenue Santa Fe High School Bus
- Florence Avenue Widening
- Barkley and Parkmead Street Improvement Project
- Whittier Water Main Connection
- City-Wide Street Light Inventory
- Valley View Ave/Rosecrans Ave Intersection Project
- Santa Fe Springs Aquatic Center Renovation Project

CLIENT	NAME	ADDRESS	PHONE	EMAIL
City of Santa Fe Springs	Robert Garcia	11710 Telegraph Rd, Santa Fe Springs, CA 90670	562.447.0701	Robertgarcia@santafesprings.org

On-Call Engineering Services

CITY OF BELLFLOWER | 2017 - Ongoing | Project Cost: Various

The Southstar | DCCM is providing engineering services for various improvements projects throughout the City of Bellflower, including project managment, construction management and inpspection services. Inspection services provided include the observation of the placement of concrete sidewalk around the pull box on Bellflower Blvd. and Artesia Blvd., wire connections on the control panel, excavation and leveling of ADA ramps, and the placement of concrete into ADA ramps. *Southstar has been responsible for delivering two (2) task orders.*

CLIENT	NAME	ADDRESS	PHONE	EMAIL
City of Bellflower	Len Gorecki	16600 Civic Center Drive, Bellflower, CA 90706	562.804.1424	Lgorecki@bellflower.org

On-Call Engineering, Construction Management and Inspection Services

COUNTY OR RIVERSIDE TRANSPORTATION DEPARTMENT | 2018 - Ongoing | Project Cost: Various

Southstar | DCCM has been providing the County of Riverside Transportation Department (CRTD) with construction inspection and PM/CM management services on an on-call basis since 2018 and is expected to continue doing so into the foreseeable future. These services have been performed in accordance with the Caltrans Local Assistance Procedures Manual, applicable federal requirements and the County of Riverside's Quality Assurance Plan. *Southstar has been responsible for delivering ten (10) task orders.*

The construction elements of these on-call projects include, but are not limited to: pavement rehabilitation; pavement reconstruction; street widening; concrete sidewalk repair; street median addition; ADA sidewalk and ramp construction; sewer and storm drain pipe installation and rehabilitation; and sewer and storm drain pump station rehabilitation and construction.

CLIENT	NAME	ADDRESS	PHONE	EMAIL
CRTD	Hector Davila	2950 Washington Street, Riverside, CA 92504	909.677.8888	HeDavila@rivco.org

Additional Public Agency References

AGENCY	CONTACT	TITLE	ADDRESS	PHONE #	EMAIL
City of Huntington Park	Steve Foster	Public Works Director (Interim)	6550 Miles Ave Huntington Park, CA 90255	323.584.6320	SFoster@hpca.gov
Gateway Cities Council of Governments	Hector DeLaTorre	Executive Director	6401 Paramount Blvd Paramount, CA, 90723	562.901.2037	Hdelatorre@gatewaycog.org
City of Rialto	Art Cervantes	Engineering Manager	150 S Palm Avenue Rialto, CA 92376	909.644.7620	Acervantes@rialtoca.gov

Rights to Materials

Southstar | DCCM understands that all responses, inquiries, and correspondence relating to this RFP and all reports, charts, displays, schedules, exhibits, and other documentation produced by the Consultant that are submitted as part of the Proposal and not withdrawn shall, upon receipt by City, become property of the City.

Southstar Fee Proposal

Southstar | DCCM understands that it is required to provide a Schedule of Hourly Rates that identifies the job titles of all personnel to be assigned to the City projects and these hourly rates will reflect all costs for office overhead, including direct and indirect costs. It is the intent of the City to enter into a Professional Services Agreement (PSA) with the selected Consultant for these services, on a not-to-exceed basis and the term of the PSA will be five (5) years. The Schedule of Hourly Rates shall remain fixed for the term of the PSA.

All Southstar | DCCM individual rates will be provided within the billing rate per hour range shown below and will be subject to an annual increase consistent with CPI index. Included below is a Southstar | DCCM rate sheet that includes the rates for the personnel included in this proposal, as well as the general classifications for additional resources, if the City were to have an additional need and request their expertise on a project. These rates are fully burdened rates and include all overhead, benefits, etc. Southstar | DCCM greatly appreciates the opportunity to submit our hourly fee schedule below and our subconsultant cost information can be found in the Appendix.

All Southstar rates shown below are subject to annual increase of 3% (subject to City approval)

SOUTHSTAR RATE AND REIMBURSEMENT SCHEDULE (EFFECTIVE JANUARY 1, 2024)	
POSITION TITLE	**BILLING RATE PER HOUR RANGE**
Principal-in-Charge/Project Representative	$195.00 - $306.60
Construction Manager	$190.00 - $291.75
Structures Representative	$190.00 - $281.14
Project Manager	$190.00 - $285.31
Project Engineer	$150.00 - $242.95
Resident Engineer	$190.00 - $291.75
Assistant Resident Engineer	$175.00 - $242.95
Construction Inspection	$109.00 - $196.27
Document Control Specialist	$89.00 - $179.29
Labor Compliance	$89.00 - $164.44
Public Outreach Specialist	$88.00 - $158.07
Utilities Coordinator	$92.00 - $189.90
Scheduler	$92.00 - $211.12
Office Support	$65.00 - $147.47

Appendix

Engineering Trust Into Every Project

Non-Collusion Affidavit

APPENDIX C
NON-COLLUSION AFFIDAVIT

The undersigned declares states and certifies that:

1. This Proposal is not made in the interest of, or on behalf of any undisclosed person, partnership, company, association, organization or corporation. This Proposal is genuine and not collusive or sham.

2. I have not directly or indirectly induced or solicited any other Proposer to put in a false or sham proposal and I have not directly or indirectly colluded, conspired, connived, or agreed with any other Proposer or anyone else to put in sham proposal or to refrain from submitting to this RFP.

3. I have not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the proposal price or to fix any overhead, profit or cost element of the proposal price or to secure any advantage against the City of Pico Rivera or of anyone interested in the proposed contract.

4. All statements contained in the Proposal and related documents are true.

5. I have not directly or indirectly submitted the proposal price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay any fee to any person, corporation, partnership, company, association, organization, RFP depository, or to any member or agent thereof to effectuate a collusive or sham proposal.

6. I have not entered into any arrangement or agreement with any City of Pico Rivera public officer in connection with this proposal.

7. I understand collusive bidding is a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards.

Yvette Kirrin
Signature of Authorized Representative

Yvette Kirrin, PE
Name of Authorized Representative

President
Title of Authorized Representative

Subconsultant Hourly Rates - RQAW

RQAW RATES RANGE BY POSITION	
ROLE/POSITION TITLE	**BILLING RATE PER HOUR RANGE**
Quality Assurance Manager	$260.00- $290.00
Lead Structural Engineer	$215.00- $260.00
Environmental Services	$170.00- $220.00
Hydraulic Services	$215.00- $260.00
Technical Desing Manager	$150.00 - $230.00

Subconsultant Hourly Rates - ATG

Category	Loaded
Principal	$ 456.00
Senior Associate/ Quality Manager	$ 330.00
Engineer V/VI	$ 295.00
Engineer III/IV	$ 255.00
Engineer I/II	$ 205.00
EIT	$ 156.00
Jr Engineer Tech	$ 99.00
Engineer Tech	$ 149.00
Senior Engineer Tech	$ 202.00
Project Administration	$ 152.00
Admin/ Clerical	$ 119.00
Senior Planner	$ 288.00
Planner III	$ 222.00
Planner II	$ 162.00
Planner I	$ 132.00
Senior Modeler	$ 288.00
Travel Demand Modeler II	$ 228.00
Travel Demand Modeler I	$ 156.00

Mileage Current IRS Rate

Subconsultant Hourly Rates - ICF

ICF Rates (rate is valid through March 31, 2023 and will escalate by 3% yearly on April 1)

Staff Name	Role	Fully Burdened Rate
Brian Calvert	Environmental Lead	$295.86
Emily Czaban	CEQA/NEPA Compliance	$179.00
Greg Hoisington	Biological Resources	$199.06
Karen Crawford, RPA	Cultural Resources	$282.59
Jennifer Stock, PLA	Visual Impact Analysis	$171.21
Keith Lay	Air Quality/Climate Change	$278.58
Katrina Sukola	Water Quality	$80.22
Peter Hardie	Noise	$260.78

Subconsultant Hourly Rates - Blackhawk

BLACKHAWK ENVIRONMENTAL RATES RANGE BY POSITION	
ROLE/POSITION TITLE	BILLING RATE PER HOUR RANGE
Principal Biologist	$150.00 - $200.00
Site Biologist	$110.00 - $145.00

Subconsultant Hourly Rates – Psomas

PSOMAS

2024 FEE SCHEDULE

Surveying and Geospatial Services

Standard Public Rates for All Contracts and Subcontracts

SURVEY HOURLY RATES - IN-OFFICE SERVICES

Effective from January 1, 2024 - December 31, 2024

Administrative/Project Assistant	$110
Staff Surveyor/CADD Technician/GIS Technician	$155
Project Surveyor/GIS Specialist/Photogrammetrist	$190
Sr. Project Surveyor/Sr. GIS Specialist	$205
Project Manager/Technical Manager	$225
Principal	$250

SURVEY HOURLY RATES - FIELD SERVICES

Effective from October 1, 2023 - September 30, 2024

One-Person Survey Party	$240
Two-Person Survey Party	$360
Three-Person Survey Party	$465
Field Supervisor	$195

REIMBURSABLES

The above rate schedule is for straight time. Overtime will be charged at 135 percent of the standard hourly rates. Work performed on Sundays and holidays will be charged at 170 percent of the standard hourly rates.

All rates are may be subject to a 3% annual escalation

Subconsultant Hourly Rates - Coory

COORY ENGINEERING
CIVIL ENGINEERING & LAND SURVEYING

FEE SCHEDULE

OFFICE:

PRINCIPAL ENGINEER:	$380.00/HR
PROJECT MANAGER:	280.00
DESIGN ENGINEER:	230.00
ENGINEERING TECHNICIAN:	200.00
CLERICAL:	90.00

SURVEYING:

1-MAN PARTY:	$230.00/HR
2-MEN PARTY:	350.00
3-MEN PARTY:	470.00

Effective: 1/1/2023

1718 N. Neville Street, Orange, CA
TEL (714) 202-8700 FAX (714) 202-8701

SOUTHSTAR
ENGINEERING
& CONSULTING, INC

1945 Chicago Avenue, Suite C-2
Riverside, CA 92507
951.342.3120
southstareng.com

EXHIBIT B
APPROVED FEE SCHEDULE

(SCHEDULE OF HOURLY LABOR RATES AND REIMBURSABLE)

Rights to Materials

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Southstar Fee Proposal

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All Southstar | DCCM individual rates will be provided within the billing rate per hour range shown below and will be subject to an annual increase consistent with CPI index. Included below is a Southstar | DCCM rate sheet that includes the rates for the personnel included in this proposal, as well as the general classifications for additional resources, if the City were to have an additional need and request their expertise on a project. These rates are fully burdened rates and include all overhead, benefits, etc. Southstar | DCCM greatly appreciates the opportunity to submit our hourly fee schedule below and our subconsultant cost information can be found in the Appendix.

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Subconsultant Hourly Rates - RQAW

RQAW RATES RANGE BY POSITION	
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Subconsultant Hourly Rates - Blackhawk

BLACKHAWK ENVIRONMENTAL RATES RANGE BY POSITION	
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Site Biologist	$110.00 - $145.00

Subconsultant Hourly Rates – Psomas

PSOMAS

2024 FEE SCHEDULE

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CIVIL ENGINEERING & LAND SURVEYING

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SURVEYING:

1-MAN PARTY:	$230.00/HR
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3-MEN PARTY:	470.00

Effective: 1/1/2023

1718 N. Neville Street, Orange, CA
TEL (714) 202-8700 FAX (714) 202-8701

EXHIBIT C
TERMS FOR COMPLIANCE WITH CALIFORNIA LABOR LAW REQUIREMENTS

1. This Agreement calls for services that, in whole or in part, constitute "public works" as defined in Division 2, Part 7, Chapter 1 (commencing with Section 1720) of the California Labor Code ("Chapter 1"). Further, Consultant acknowledges that this Agreement is subject to (a) Chapter 1 and (b) the rules and regulations established by the Department of Industrial Relations ("DIR") implementing such statutes. Therefore, as to those Services that are "public works", Consultant shall comply with and be bound by all the terms, rules and regulations described in 1(a) and 1(b) as though set forth in full herein.

2. California law requires the inclusion of specific Labor Code provisions in certain contracts. The inclusion of such specific provisions below, whether or not required by California law, does not alter the meaning or scope of Section 1 above.

3. Consultant shall be registered with the Department of Industrial Relations in accordance with California Labor Code Section 1725.5, and has provided proof of registration to City prior to the Effective Date of this Agreement. Consultant shall not perform work with any subconsultant that is not registered with DIR pursuant to Section 1725.5. Consultant and subconsultants shall maintain their registration with the DIR in effect throughout the duration of this Agreement. If the Consultant or any subconsultant ceases to be registered with DIR at any time during the duration of the project, Consultant shall immediately notify City.

4. Pursuant to Labor Code Section 1771.4, Consultant's Services are subject to compliance monitoring and enforcement by DIR. Consultant shall post job site notices, as prescribed by DIR regulations.

5. Pursuant to Labor Code Section 1773.2, copies of the prevailing rate of per diem wages for each craft, classification, or type of worker needed to perform the Agreement are on file at City Hall and will be made available to any interested party on request. Consultant acknowledges receipt of a copy of the DIR determination of such prevailing rate of per diem wages, and Consultant shall post such rates at each job site covered by this Agreement.

6. Consultant shall comply with and be bound by the provisions of Labor Code Sections 1774 and 1775 concerning the payment of prevailing rates of wages to workers and the penalties for failure to pay prevailing wages. The Consultant shall, as a penalty to City, forfeit $200.00 for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the DIR for the work or craft in which the worker is employed for any public work done pursuant to this Agreement by Consultant or by any subconsultant.

7. Consultant shall comply with and be bound by the provisions of Labor Code Section 1776, which requires Consultant and each subconsultant to: keep accurate payroll records and verify such records in writing under penalty of perjury, as specified

in Section 1776; certify and make such payroll records available for inspection as provided by Section 1776; and inform City of the location of the records.

8. Consultant shall comply with and be bound by the provisions of Labor Code seq. concerning the employment of apprentices on public works projects. Consultant shall be responsible for compliance with these aforementioned Sections for all apprenticeable occupations. Prior to commencing work under this Agreement, Consultant shall provide City with a copy of the information submitted to any applicable apprenticeship program. Within 60 days after concluding work pursuant to this Agreement, Consultant and each of its subconsultants shall submit to City a verified statement of the journeyman and apprentice hours performed under this Agreement.

9. The Consultant shall not perform Work with any Subconsultant that has been debarred or suspended pursuant to California Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. The Consultant and Subconsultants shall not be debarred or suspended throughout the duration of this Contract pursuant to Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. If the Consultant or any subconsultant becomes debarred or suspended during the duration of the project, the Consultant shall immediately notify City.

10. Consultant acknowledges that eight hours labor constitutes a legal day's work. Consultant shall comply with and be bound by Labor Code Section 1810. Consultant shall comply with and be bound by the provisions of Labor Code Section 1813 concerning penalties for workers who work excess hours. The Consultant shall, as a penalty to City, forfeit $25.00 for each worker employed in the performance of this Agreement by the Consultant or by any subconsultant for each calendar day during which such worker is required or permitted to work more than eight hours in any one calendar day and 40 hours in any one calendar week in violation of the provisions of Division 2, Part 7, Chapter 1, Article 3 of the Labor Code. Pursuant to Labor Code section 1815, work performed by employees of Consultant in excess of eight hours per day, and 40 hours during any one week shall be permitted upon public work upon compensation for all hours worked in excess of eight hours per day at not less than one and one-half times the basic rate of pay.

11. California Labor Code Sections 1860 and 3700 provide that every employer will be required to secure the payment of compensation to its employees. In accordance with the provisions of California Labor Code Section 1861, Consultant hereby certifies as follows:

> "I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract."

12. For every subconsultant who will perform work on the project, Consultant shall be responsible for such subconsultant's compliance with Chapter 1 and Labor Code Sections 1860 and 3700, and Consultant shall include in the written contract between it and each subconsultant a copy of those statutory provisions and a requirement that each subconsultant shall comply with those statutory provisions. Consultant shall be required to take all actions necessary to enforce such contractual provisions and ensure subconsultant's compliance, including without limitation, conducting a periodic review of the certified payroll records of the subconsultant and upon becoming aware of the failure of the subconsultant to pay his or her workers the specified prevailing rate of wages. Consultant shall diligently take corrective action to halt or rectify any failure.

13. To the maximum extent permitted by law, Consultant shall indemnify, hold harmless and defend (at Consultant's expense with counsel reasonably acceptable to City) City, its officials, officers, employees, agents and independent consultants serving in the role of City officials, and volunteers from and against any demand or claim for damages, compensation, fines, penalties or other amounts arising out of or incidental to any acts or omissions listed above by any person or entity (including Consultant, its subconsultants, and each of their officials, officers, employees and agents) in connection with any work undertaken or in connection with the Agreement, including without limitation the payment of all consequential damages, attorneys' fees, and other related costs and expenses. All duties of Consultant under this Section shall survive the termination of the Agreement.

AGREEMENT NO. _____
PROFESSIONAL SERVICES AGREEMENT
BETWEEN THE CITY OF PICO RIVERA AND
NV5, INC.

1. IDENTIFICATION

THIS PROFESSIONAL SERVICES AGREEMENT ("Agreement") is entered into by and between the City of Pico Rivera, a California municipal corporation ("City") NV5, Inc. ("Consultant"). City and Consultant are sometimes hereinafter individually referred to as a "Party" and collectively referred to as "Parties."

2. RECITALS

2.1 City has determined that it requires professional services from a consultant to provide on-call engineering services.

2.2 Consultant represents that it is fully qualified to perform such professional services by virtue of its experience and the training, education and expertise of its principals and employees. Consultant further represents that it is willing to accept responsibility for performing such services in accordance with the terms and conditions set forth in this Agreement.

NOW, THEREFORE, for and in consideration of the performance by the Parties of the mutual covenants and conditions herein contained, the Parties hereto agree as follows:

3. DEFINITIONS

3.1 "Scope of Services": Such professional services as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "A" and incorporated herein by this reference.

3.2 "Approved Fee Schedule": Such compensation rates as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "B."

3.3 "Commencement Date" : April 23, 2024

3.4 "Expiration Date" : June 30, 2029

4. TERM

The term of this Agreement shall commence at 12:00 a.m. on the Commencement Date and shall expire at 11:59 p.m. on the Expiration Date unless extended by written agreement of the Parties or terminated in accordance with Section 22 below.

5. CONSULTANT'S SERVICES

5.1 Consultant shall perform the services identified in the Scope of Services. City shall have the right to request, in writing, changes in the Scope of Services. Any such changes mutually agreed upon by the Parties, and any corresponding increase or decrease in compensation, shall be incorporated by written amendment to this Agreement. In no event shall the total compensation and costs payable to Consultant under this Agreement exceed the sum of Two Million Five Hundred Thousand Dollars ($2,500,000.00), unless specifically approved in advance, in writing, by City.

5.2 Consultant shall perform all work to the highest professional standards of Consultant's profession and in a manner reasonably satisfactory to City.

6. COMPENSATION

6.1 City agrees to compensate Consultant for the services provided under this Agreement, and Consultant agrees to accept in full satisfaction for such services, payment in accordance with the Approved Fee Schedule.

6.2 Consultant shall submit to City an invoice, on a monthly basis or less frequently, for the services performed pursuant to this Agreement. Each invoice shall itemize the services rendered during the billing period and the amount due. Within ten (10) business days of receipt of each invoice, City shall notify Consultant in writing of any disputed amounts included on the invoice. Within thirty (30) calendar days of receipt of each invoice, City shall pay all undisputed amounts included on the invoice. City shall not withhold applicable taxes or other authorized deductions from payments made to Consultant.

6.3 Payments for any services requested in writing by City and not included in the Scope of Services shall be made to Consultant by City on a time-and-materials basis using Consultant's standard fee schedule. Fees for such additional services shall be paid within sixty (60) days of the date Consultant issues an invoice to City for such services.

7. BUSINESS LICENSE

Consultant shall obtain a City of Pico Rivera business license prior to commencing performance under this Agreement.

8. COMPLIANCE WITH LAWS

Consultant shall keep informed of State, Federal and Local laws, ordinances, codes and regulations that in any manner affect those employed by it or in any way affect the performance of its services pursuant to this Agreement. Consultant shall at all times comply with such laws, ordinances, codes and regulations. Without limiting the generality

of the foregoing, if Consultant is an out-of-state corporation or LLC, it must be qualified and registered to do business in the State of California pursuant to sections 2105 and 17708.02 of the California Corporations Code. The City, its officers and employees shall not be liable at law or in equity occasioned by failure of Consultant to comply with this Section.

9. CONFLICT OF INTEREST

Consultant covenants that it presently has no interest and shall not acquire any interest, direct or indirect, which may be affected by the services to be performed by Consultant under this Agreement, or which would conflict in any manner with the performance of its services hereunder. During the term of this Agreement, Consultant shall not perform any work for another person or entity for whom Consultant was not working at the Commencement Date of this Agreement if both: (i) such work would require Consultant to abstain from a decision under this Agreement pursuant to a conflict of interest statute; and (ii) City has not consented in writing prior to Consultant's performance of such work.

10. PERSONNEL

Consultant represents that it has, or will secure at its own expense, all personnel required to perform the services identified in the Scope of Services. All such services shall be performed by Consultant or under its supervision, and all personnel engaged in the work shall be qualified to perform such services. Consultant reserves the right to determine the assignment of its own employees to the performance of Consultant's services under this Agreement, but City reserves the right, for good cause, to require Consultant to exclude any employee from performing services on City's premises. David Niknafs, Project Manager, shall be Consultant's project administrator and shall have direct responsibility for management of Consultant's performance under this Agreement. No change shall be made to Consultant's project administrator without City's prior written consent.

11. OWNERSHIP OF WRITTEN PRODUCTS

All reports, documents or other written material ("written products") developed by Consultant in the performance of this Agreement shall be and remain the property of City without restriction or limitation upon its use or dissemination by City. Consultant may take and retain copies of such written products as desired, but no such written products shall be the subject of a copyright application by Consultant. If any state, federal, or local law requires mandatory copyright protection for Consultant's work product, City shall comply with such laws to the extent feasible.

12. INDEPENDENT CONTRACTOR

12.1 Consultant is, and shall at all times remain as to City, a wholly independent contractor. Consultant shall have no power to incur any debt, obligation, or liability on behalf of City or otherwise to act on behalf of City as an agent. Neither City nor any of its officers, employees or agents shall have control over the conduct of Consultant or any of Consultant's employees, except as set forth in this Agreement. Consultant shall not at any time represent that it is, or that any of its agents or employees are, in any manner employees of City.

12.2 The Parties further acknowledge and agree that nothing in this Agreement shall create or be construed to create a partnership, joint venture, employment relationship, joint-employer relationship, or any other relationship between Consultant or Consultant's employees except as set forth in this Agreement.

12.3 City shall have no direct or indirect control over Consultant's employees or sub-consultants with respect to wages, hours, and working conditions. In addition, City shall not deduct from the Compensation paid to Consultant any sums required for Social Security, withholding taxes, FICA, state disability insurance or any other federal, state or local tax or charge which may or may not be in effect or hereinafter enacted or required as a charge or withholding on the compensation paid to Consultant, Consultant's employees or subconsultants. City shall have no responsibility to provide Consultant, its employees or subconsultants with workers' compensation insurance or any other insurance.

12.4 The Parties further acknowledges the following: (i) that Consultant shall provide the services outlined in the Scope of Services directly to City; (ii) Consultant maintains a business location at the address listed under Section 20 that is separate and distinct from the City; (iii) Consultant contracts with other businesses to provide the same or similar services and maintains a clientele without restriction from the City; (iv) Consultant advertises and holds itself out to the public as available to provide the same or similar services; (v) unless otherwise specified in this Agreement, Consultant provides its own tools, vehicles, and equipment necessary for performing the Scope of Services; (vi) Consultant has proposed and negotiated its own rates; and (vii) consistent with the nature and demands of the project and the City's business hours, Consultant may set its own hours and location of work.

13. CONFIDENTIALITY

All data, documents, discussion, or other information developed or received by Consultant or provided for performance of this Agreement are deemed confidential and shall not be disclosed by Consultant without prior written consent by City. City shall grant such consent if disclosure is legally required. Upon request, all City data and any copies thereof shall be returned to City upon the termination or expiration of this Agreement.

14. NON-LIABILITY OF CITY OFFICIALS AND EMPLOYEES

No official or employee of the City shall be personally liable to Consultant in the event of any default or breach by City, or for any amount which may become due to Consultant.

15. INDEMNIFICATION

15.1 The Parties agree that City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers should, to the extent permitted by law, be fully protected from any loss, injury, damage, claim, lawsuit, cost, expense, attorneys' fees, litigation costs, or any other cost arising out of or in any way related to the performance of this Agreement. Accordingly, the provisions of this indemnity provision are intended by the Parties to be interpreted and construed to provide the fullest protection possible under the law to City. Consultant acknowledges that City would not enter into this Agreement in the absence of Consultant's commitment to indemnify and protect City as set forth herein. Notwithstanding the foregoing, to the extent Consultant's services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.2 To the full extent permitted by law, Consultant shall indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant or any of its officers, employees, servants, agents, or subconsultants in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees. Notwithstanding the foregoing, to the extent Consultant's Services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.3 City shall have the right to offset against the amount of any compensation due Consultant under this Agreement any amount due to City from Consultant as a result of Consultant's failure to pay City promptly any indemnification arising under this Section 15 or related to Consultant's failure to either: (i) pay taxes on amounts received pursuant to this Agreement or (ii) comply with applicable workers' compensation laws.

15.4 The obligations of Consultant under this Section 15 will not be limited by the provisions of any workers' compensation act or similar act. Consultant expressly waives its statutory immunity under such statutes or laws as to City, its officers, agents, employees and volunteers.

15.5 Consultant agrees to obtain executed indemnity agreements with provisions identical to those set forth here in this Section 15 from each and every subconsultant or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. In the event Consultant fails to obtain such indemnity obligations from others as required herein, Consultant agrees to be fully responsible and indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant's subconsultants or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees.

15.6 City does not, and shall not, waive any rights that it may possess against Consultant because of the acceptance by City, or the deposit with City, of any insurance policy or certificate required pursuant to this Agreement. This hold harmless and indemnification provision shall apply regardless of whether or not any insurance policies are determined to be applicable to the claim, demand, damage, liability, loss, cost or expense.

15.7 **PERS ELIGIBILITY INDEMNITY.** In the event that Consultant or any employee, agent, or subconsultant of Consultant providing services under this Agreement claims or is determined by a court of competent jurisdiction or the California Public Employees Retirement System (PERS) to be eligible for enrollment in PERS as an employee of the City, Consultant shall indemnify, defend, and hold harmless City for the payment of any employee and/or employer contributions for PERS benefits on behalf of Consultant or its employees, agents, or subconsultants, as well as for the payment of any penalties and interest on such contributions, which would otherwise be the responsibility of City.

Notwithstanding any other agency, state or federal policy, rule, regulation, law or ordinance to the contrary, Consultant and any of its employees, agents, and subconsultants providing service under this Agreement shall not qualify for or become entitled to, and hereby agree to waive any claims to, any compensation, benefit, or any incident of employment by City, including but not limited to eligibility to enroll in PERS as an employee of City and entitlement to any contribution to be paid by City for employer contribution and/or employee contributions for PERS benefits.

16. INSURANCE

16.1 During the term of this Agreement, Consultant shall carry, maintain, and keep in full force and effect insurance against claims for death or injuries to persons or damages to property that may arise from or in connection with Consultant's performance of this Agreement. Such insurance shall be of the types and in the amounts as set forth below:

16.1.1 Comprehensive general liability, and Umbrella or Excess Liability Insurance covering all operations by or on behalf of Consultant providing insurance for bodily injury liability and property damage liability for the following and including coverage for:

16.1.1.1 Premises, operations, and mobile equipment

16.1.1.2 Products and completed operations

16.1.1.3 Broad form property damage (including completed operations)

16.1.1.4 Explosion, collapse, and underground hazards

16.1.1.5 Personal Injury

16.1.1.6 Contractual liability

in the amount of One Million Dollars ($1,000,000) per occurrence combined single limit; Two Million Dollars ($2,000,000) aggregate for products/completed operation; Two Million Dollars ($2,000,000) general aggregate (General aggregate must apply separately to Consultant's work under this Agreement.); and Five Million Dollars ($5,000,000) umbrella or excess liability.

16.1.2 Automobile Liability Insurance for owned, hired and non-owned vehicles utilized by Consultant, its employees or subconsultants, in the amount of One Million Dollars ($1,000,000) per accident for bodily injury and property damage.

16.1.3 Worker's Compensation Insurance as required by the laws of the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than One Million Dollars ($1,000,000) per accident for bodily injury or disease.

16.1.4 Professional Liability Insurance against errors and omissions in the performance of the work under this Agreement with coverage limits of not less than One Million Dollars ($1,000,000) per occurrence of claim/ Two Million Dollars ($2,000,000) in the aggregate.

16.2 Consultant shall require each of its subconsultants, if any, to maintain insurance coverage that meets all of the requirements of this Agreement.

16.3 The policy or policies required by this Agreement shall be issued by an insurer admitted in the State of California and with a rating of at least A:VII in the latest edition of Best's Insurance Guide.

16.4 Consultant agrees that if it does not keep the aforesaid insurance in full force and effect City may either: (i) immediately terminate this Agreement; or (ii) take out the necessary insurance and pay, at Consultant's expense, the premium thereon.

16.5 At all times during the term of this Agreement, Consultant shall maintain on file with City's Risk Manager a certificate or certificates of insurance showing that the aforesaid policies are in effect in the required amounts and, for the general liability and automobile liability policies, naming the City as an additional insured. Consultant shall, prior to commencement of work under this Agreement, file with City's Risk Manager such certificate(s).

16.6 Consultant shall provide proof that policies of insurance required herein expiring during the term of this Agreement have been renewed or replaced with other policies providing at least the same coverage. Consultant shall provide such proof to City at least two weeks prior to the expiration of the coverages.

16.7 The general liability and automobile policies of insurance required by this Agreement shall contain an endorsement naming City, its officers, employees, agents and volunteers as additional insureds. All of the policies required under this Agreement shall contain an endorsement providing that the policies cannot be canceled or reduced except on thirty days' prior written notice to City. Consultant agrees to require its insurer to modify the certificates of insurance to delete any exculpatory wording stating that failure of the insurer to mail written notice of cancellation imposes no obligation, and to delete the word "endeavor" with regard to any notice provisions.

16.8 The general liability and automobile policies of insurance provided by Consultant shall be primary to any coverage available to City. Any insurance or self-insurance maintained by City, its officers, employees, agents or volunteers, shall be in excess of Consultant's insurance and shall not contribute with it.

16.9 All insurance coverage provided pursuant to this Agreement shall not prohibit Consultant, and Consultant's employees, agents or subconsultants, from waiving the right of subrogation prior to a loss. Consultant hereby waives all rights of subrogation against the City.

16.10 Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of City, Consultant shall either reduce or eliminate the deductibles or self-insured retentions with respect to City, or Consultant shall procure a bond guaranteeing payment of losses and expenses.

16.11 Procurement of insurance by Consultant shall not be construed as a limitation of Consultant's liability or as full performance of Consultant's duties to indemnify, hold harmless and defend under Section 15 of this Agreement.

16.12 If Consultant maintains broader coverage and/or higher limits than the minimums shown above, the City requires and shall be entitled to the broader coverage and/or the higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

17. MUTUAL COOPERATION

17.1 City shall provide Consultant with all pertinent data, documents and other requested information as is reasonably available to City for the proper performance of Consultant's services under this Agreement.

17.2 In the event any claim or action is brought against City relating to Consultant's performance in connection with this Agreement, Consultant shall render any reasonable assistance that City may require.

18. RECORDS AND INSPECTIONS

Consultant shall maintain full and accurate records with respect to all matters covered under this Agreement for a period of three years after the expiration or termination of this Agreement. City shall have the right to access and examine such records, without charge, during normal business hours. City shall further have the right to audit such records, to make transcripts therefrom and to inspect all program data, documents, proceedings, and activities.

19. PERMITS AND APPROVALS

Consultant shall obtain, at its sole cost and expense, all permits and regulatory approvals necessary in the performance of this Agreement. This includes, but shall not be limited to, encroachment permits and building and safety permits and inspections.

20. NOTICES

Any notices, bills, invoices, or reports required by this Agreement shall be deemed received on: (i) the day of delivery if delivered by hand, facsimile, email, or overnight courier service during Consultant's and City's regular business hours; or (ii) on the third business day following deposit in the United States mail if delivered by mail, postage prepaid, to the addresses listed below (or to such other addresses as the Parties may, from time to time, designate in writing).

If to City:

Steve Carmona, City Manager
City of Pico Rivera
PO Box 1016
6615 Passons Blvd.
Pico Rivera, California 90660-1016

If to Consultant:

Jeffrey M. Cooper, Senior Vice President
NV5, Inc.
163 Technology Drive, Suite 100
Irvine, CA 92618

With a courtesy copy to:

Arnold M. Alvarez-Glasman, City Attorney
13181 Crossroads Parkway North
Suite 400 - West Tower
City of Industry, CA 91746

21. SURVIVING COVENANTS

The Parties agree that the covenants contained in Sections 13, 15 and Paragraph 17.2 of Section 17, of this Agreement shall survive the expiration or termination of this Agreement.

22. TERMINATION

22.1 City shall have the right to terminate this Agreement for any reason on five (5) calendar days' written notice to Consultant. Consultant shall have the right to terminate this Agreement for any reason on sixty (60) calendar days' written notice to City. The effective date of termination shall be upon the date specified in the notice of termination. Consultant agrees that in the event of such termination, City's obligation to pay Consultant shall be limited to payment only for those services satisfactorily rendered, as solely determined by the City, prior to the effective date of termination. Consultant agrees to cease all work under this Agreement on or before the effective date of any notice of termination. All City data, documents, objects, materials or other tangible things shall be returned to City upon the termination or expiration of this Agreement.

22.2 If City terminates this Agreement due to no fault or failure of performance by Consultant, then Consultant shall be paid based on the work satisfactorily performed, as solely determined by the City, at the time of termination. In no event shall Consultant be entitled to receive more than the amount that would be paid to Consultant for the full performance of the services required by this Agreement.

23. ASSIGNMENT

Consultant shall not delegate, transfer, subcontract or assign its duties or rights hereunder, either in whole or in part, without City's prior written consent, and any attempt

to do so shall be void and of no effect. City shall not be obligated or liable under this Agreement to any Party other than Consultant.

24. NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY

24.1 In the performance of this Agreement, Consultant shall not discriminate against any employee, subconsultant, or employment applicant because of race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation. Consultant will take affirmative action to ensure that subconsultants, employees, and employment applicants are treated without regard to their race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.2 Consultant will, in all solicitations or advertisements for employees placed by or on behalf of Consultant state either that it is an equal opportunity employer or that all qualified applicants will receive consideration for employment without regard to race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.3 Consultant will cause the foregoing provisions to be inserted in all subcontracts for any work covered by this Agreement except contracts or subcontracts for standard commercial supplies or raw materials.

25. WARRANTIES

25.1 Each Party has received independent legal advice from its attorneys with respect to the advisability of entering into and executing this Agreement, or been provided with an opportunity to receive independent legal advice and has freely and voluntarily waived and relinquished the right to do so. Each Party who has not obtained independent counsel acknowledges that the failure to have independent legal counsel will not excuse such Party's failure to perform under this Agreement.

25.2 In executing this Agreement, each Party has carefully read this Agreement, knows the contents thereof, and has relied solely on the statements expressly set forth herein and has placed no reliance whatsoever on any statement, representation, or promise of any other party, or any other person or entity, not expressly set forth herein, nor upon the failure of any other party or any other person or entity to make any statement, representation or disclosure of any matter whatsoever.

25.3 It is agreed that each Party has the full right and authority to enter into this Agreement, and that the person executing this Agreement on behalf of either Party has the full right and authority to fully commit and bind such Party to the provisions of this Agreement.

26. CAPTIONS

26.1 The captions appearing at the commencement of the sections hereof, and in any paragraph thereof, are descriptive only and for convenience in reference to this Agreement. Should there be any conflict between such heading, and the section or paragraph thereof at the head of which it appears, the section or paragraph thereof, as the case may be, and not such heading, shall control and govern in the construction of this Agreement.

26.2 Masculine or feminine pronouns shall be substituted for the neuter form and vice versa, and the plural shall be substituted for the singular form and vice versa, in any place or places herein in which the context requires such substitution(s).

27. NON-WAIVER

27.1 The waiver by City or Consultant of any breach of any term, covenant or condition herein contained shall not be deemed to be a waiver of such term, covenant or condition or of any subsequent breach of the same or any other term, covenant or condition herein contained. In no event shall the making by City of any payment to Consultant constitute or be construed as a waiver by City of any breach of covenant, or any default which may then exist on the part of Consultant, and the making of any such payment by City shall in no way impair or prejudice any right or remedy available to City with regard to such breach or default. No term, covenant or condition of this Agreement shall be deemed to have been waived by City or Consultant unless in writing.

27.2 Each right, power and remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise shall be cumulative and shall be in addition to every other right, power, or remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise. The exercise, the commencement of the exercise, or the forbearance of the exercise by any Party of any one or more of such rights, powers or remedies shall not preclude the simultaneous or later exercise by such Party of any of all of such other rights, powers or remedies.

27.3 Consultant shall not be liable for any failure to perform if Consultant presents acceptable evidence, in City's sole judgment, that such failure was due to causes beyond the control and without the fault or negligence of Consultant.

28. COURT COSTS AND ATTORNEY FEES

In the event legal action shall be necessary to enforce any term, covenant or condition herein contained, the Party prevailing in such action, whether reduced to judgment or not, shall be entitled to its reasonable court costs, including accountants' fees and expert witness fees, if any, and attorneys' fees expended in such action. The venue for any litigation shall be Los Angeles County, California.

29. SEVERABILITY

If any term or provision of this Agreement or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable, then such term or provision shall be amended to, and solely to, the extent necessary to cure such invalidity or unenforceability, and in its amended form shall be enforceable. In such event, the remainder of this Agreement, or the application of such term or provision to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby, and each term and provision of this Agreement shall be valid and be enforced to the fullest extent permitted by law.

30. GOVERNING LAW

This Agreement shall be governed and construed in accordance with the laws of the State of California.

31. COUNTERPARTS

This Agreement may be signed in any one or more counterparts all of which taken together shall be but one and the same Agreement. Any signed copy of this Agreement or of any other document or agreement referred to herein, or copy or counterpart thereof, delivered by facsimile or email transmission, shall for all purposes be treated as if it were delivered containing an original manual signature of the Party whose signature appears in the facsimile or email and shall be binding upon such Party in the same manner as though an originally signed copy had been delivered.

32. ENTIRE AGREEMENT

All documents referenced as exhibits in this Agreement are hereby incorporated in this Agreement. In the event of any material discrepancy between the express provisions of this Agreement and the provisions of any document incorporated herein by reference, the provisions of this Agreement shall prevail. This instrument contains the entire Agreement between City and Consultant with respect to the transactions contemplated herein. No other prior oral or written agreements are binding upon the Parties. Amendments hereto or deviations herefrom shall be effective and binding only if made in writing and executed by City and Consultant.

[This section intentionally left blank]

TO EFFECTUATE THIS AGREEMENT, the Parties have caused their duly authorized representatives to execute this Agreement on the dates set forth below.

"CITY" CITY OF PICO RIVERA	"CONSULTANT" NV5, INC.
_____ Andrew C. Lara, Mayor	_____ Jeffrey M. Cooper, Senior Vice President
Dated: _____	Dated: _____
ATTEST:	**APPROVED AS TO FORM:**
_____ Cynthia Ayala, City Clerk	_____ Arnold M. Alvarez-Glasman, City Attorney

EXHIBIT A
SCOPE OF SERVICES

PROPOSAL

Submitted by NV5, Inc.
163 Technology Drive, Suite 100, Irvine, CA 92618

City of Pico Rivera

On-Call Engineering Services

February 14, 2024

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CLIENT TESTIMONIALS

“

NV5 has done a fantastic job with the design, and your customer service is excellent.

- Kathy Nguyen, PE, TE, Engineering Services Manager, City of Laguna Niguel

NV5 has been awarded numerous transportation improvement projects to include road rehabilitation/ reconstruction, bridge rehabilitation, ADA ramps, signing and striping, and traffic signal improvements through the County's existing on-call consultant contract for professional design and environmental services. NV5 has been a great consultant for County Public Works to include but not limited to a high level of responsiveness, preparation of quality Plans, Specs, and Estimates, and continued willingness to meet and exceed County's needs and expectations. The County's Public Works Transportation Design Division is confident in NV5's ability to deliver transportation improvement projects on time and within budget and recommends NV5 to be considered for providing professional engineering services.

- Thomas A. Bustamonte, PE, Supervising Engineer, County of San Bernardino

”

A. LETTER OF OFFER

PN: P27524-0001204.00

February 14, 2024

City of Pico Rivera
Attn: Noe Negrete, Director of Public Works
6615 Passons Blvd.
Pico Rivera, CA 90660

SUBJECT: On-Call Engineering Services

Dear Noe Negrete,

NV5, Inc. (NV5) is excited to have the opportunity to provide On-Call Engineering Services to the City of Pico Rivera (City) for its capital improvement projects. Our team has the technical knowledge and experience to deliver your projects in the most cost-efficient and cost-effective manner. NV5's strengths include the following:

Current Partnership: Our extensive experience and strong existing relationship with the City gives us the ability to continue providing services for your capital improvement projects. We operate with a working knowledge of your staff, processes and environment, enabling us to provide outstanding cost- and time-efficient services. Specifically, we have been doing on-call plan check services for the City since 2019.

Relevant Experience: We have a proven track record of successfully providing on-call engineering services to municipalities throughout Southern California, most of which have been repeat clients. A sampling of similar projects begin on page 5.

Proposed Team: Understanding both the needs of the City and its Capital Improvement Program, NV5 has assembled a team of high-level professionals that will be made available to the City upon request. Our team will be led by **Project Manager, David Niknafs, PE,** who brings over 30 years of civil engineering experience in the public sector working on various capital improvement projects and has extensive experience managing on-call civil engineering contracts. He has managed and overseen the design and administration of numerous public works projects, including roadways, bridges, drainage, sewer, water, underground utilities, building facilities, and related infrastructure improvement projects. Mr. Niknafs will be supported by a team of professionals with proven capability and expertise.

Subconsultants: NV5 has a strong and successful working relationship with both of our subconsultants, **The Sierra Group** and **Compass Consulting.** We have worked with both subconsultants on numerous projects for various agencies throughout Southern California. Contact information can be found on page 14.

Federal Tax ID: 94-2706173

Addendum Acknowledgment: NV5 acknowledges that we are obligated by all addenda to this RFP.

A. LETTER OF OFFER

Proposal Authorization and Validity: This proposal has been signed by Jeffrey M. Cooper, PE, a company officer authorized to bind the firm. This proposal will remain valid for a period of at least 90 days from the date of this submittal.

Statement: All information submitted with this proposal is true and correct.

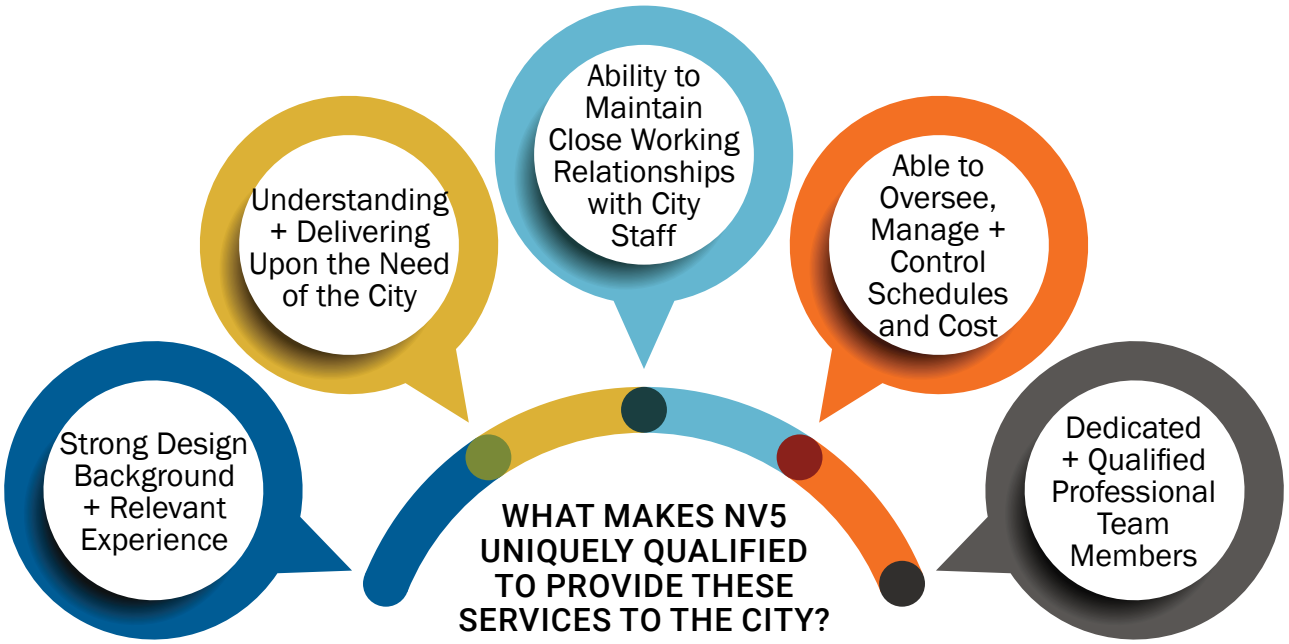
NV5 looks forward to the opportunity to work with the City and help you achieve your goals and objectives. If you need further information, we may be reached by phone at (949) 585-0477, or electronically at david.niknafs@nv5.com and jeff.cooper@nv5.com. Thank you for your time and consideration.

Sincerely,
NV5

David Niknafs, PE
Project Manager

Jeffrey M. Cooper, PE
Senior Vice President
(Authorized Signer)

COMPANY INFORMATION/CONTACT
Name: NV5, Inc.
Address: 163 Technology Drive, Suite 100, Irvine, CA 92618
Telephone Number: (949) 585-0477
Name, Title, Address, Telephone No. and Email of Contact: David Niknafs, PE, Project Manager, 163 Technology Drive, Suite 100, 949.585.0477, david.niknafs@nv5.com



B. QUALIFICATIONS OF THE FIRM

Firm Profile

NV5, Inc, a California corporation, was founded in 1949 and has been providing engineering and consulting services to public and private sectors for more than 70 years, delivering solutions through six business verticals: Testing, Inspection and Consulting; Infrastructure; Utility Services; Environmental Health Sciences; Buildings and Program Management; and Geospatial Technology. With more than 100 offices nationwide and abroad, **including more than 15 offices in California**, NV5 has access to over 4,000 employees in a variety of fields who help clients plan, design, build, test, certify and operate projects that improve the communities where we live and work.

In Southern California, NV5 has over 500 employees and specializes in the engineering design, construction management and inspection of capital improvement projects, including streets, traffic systems, water and wastewater systems, drainage and flood control, parks and recreational facilities, and landscaping and grading.

Key Services

The successful delivery of our products and services has resulted in repeat clients for a broad range of municipal projects. Our key services include:

- CIVIL ENGINEERING DESIGN
- CONSTRUCTION MANAGEMENT + INSPECTION
- PROJECT MANAGEMENT
- PLAN CHECK SERVICES
- ASSESSMENT ENGINEERING
- STAFF AUGMENTATION
- CONSTRUCTABILITY REVIEW
- LAND SURVEY + GIS
- GEOTECHNICAL ENGINEERING
- BUILDING + SAFETY SERVICES

We maintain an extensive history of working with various local agencies. Throughout the course of completing myriad public works capital improvement projects, our team has demonstrated an unparalleled ability to work well with local agency staff, project stakeholders, engineers and contractors. We are excited about the opportunity to continue to serve the City and are committed to maintaining effective working relationships with your staff, relevant government agencies and project stakeholders.

B. QUALIFICATIONS OF THE FIRM

Financial Condition, Strength and Stability of the Firm

NV5 is financially stable with a 75-year history of providing excellent professional engineering services. With a rapidly growing list of clients, we have experienced steady year-over-year growth, especially over the last several years. We continue to hire and maintain an increasing number of highly qualified professionals in order to meet the diverse needs of our valued clients. NV5's longevity and continued growth is a testament to our financial stability and the strength of our expanding professional capabilities. NV5 does not have any conditions for or against the firm that may impede its ability to provide on-call engineering services.

Current Staffing Capability, Availability and Workload

NV5 has assembled a team of high-level professionals who will be made available to the City upon request. Our access to a deep bench of more than 4,000 professionals provides us with the ability to assign staff member(s) with the most appropriate experience and licenses/certifications based on the project type, size and requirements while balancing workloads and meeting obligations without overloading any one engineer. We have a proven record of meeting schedules on similar projects and encourage the City to reach out to our references to confirm our successful track record.

Subconsultants

NV5 has a strong and successful working relationship with our subconsultants The Sierra Group and Compass Consulting, who we have worked with on numerous projects for various agencies throughout Southern California. The Sierra Group will be leading the effort for public outreach, and Compass Consulting, along with NV5 EHS, will be leading the environmental efforts for this project. Projects that NV5 has worked on with these subconsultants can be found on page 14.

FY 2022-23 Street Improvements

CITY OF LA HABRA HEIGHTS | LA HABRA HEIGHTS, CA

NV5 is providing engineering design services for the City's FY 2022-23 Street Improvements. Improvements include grind and overlay, slurry seal, and crack seal, depending on the current condition of each roadway segment. Our services include providing preliminary and final street improvement plans; specifications; quantity and cost estimates; and design support during construction.

KEY PERSONNEL: DAVID NIKNAFS (PM), ART BISCOCHO (PE)

Cherry Avenue & Other Roads, Fontana Area

COUNTY OF SAN BERNARDINO | SAN BERNARDINO, CA

NV5 provided engineering design and surveying services, including preparation of final plans, specifications and cost estimates for the project, which involved pavement rehabilitation and replacement of existing ADA ramps at 42 locations. NV5 reviewed the existing topographic to assure new ramps drained properly and identified and addressed localized drainage issues. Services also included preparation of legal descriptions and plats; utility coordination; preparation of traffic signing and striping plans and a pedestrian traffic plan; and environmental services support.

KEY PERSONNEL: DAVID NIKNAFS (PM), STEVE NOVAK, ART BISCOCHO (PE)

FY 2022-23 Pavement Management Program Implementation

CITY OF GLENDALE | GLENDALE, CA

NV5 is providing engineering design services for this project. Improvements include selective removal and repair of concrete curbs and gutters, sidewalks, and driveways; pavement repairs, including full-depth reconstruction, rubberized asphalt pavement wearing course (ARHM); crack seal; Asphalt Rubber Aggregate Membrane (ARAM); and Slurry Seal Type II; sewer point repairs based on City-provided CCTV videos; utility pull box relocation; storm drain infrastructure analysis and design, including hydrology and hydraulic analysis if needed; installation of survey well monuments; tree plantings, and review of the City's Bicycle Master Plan and design of plans according to recommendations.

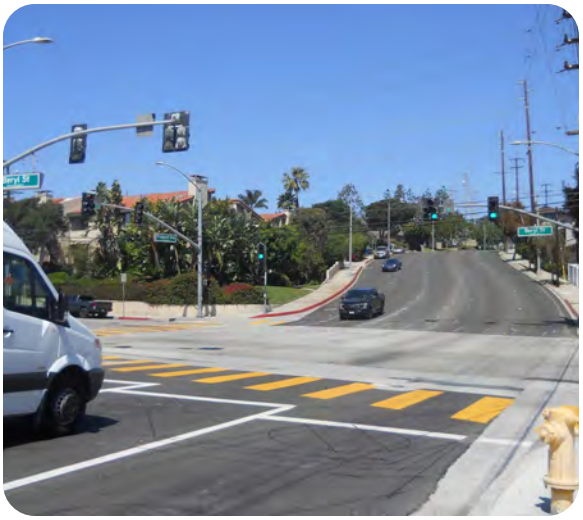
KEY PERSONNEL: DAVID NIKNAFS (PM), ART BISCOCHO (PE), CARL HENDERSON (NV5 GEOTECH), JAMES MILLER (TRAFFIC)

Residential Alley Improvements

CITY OF SANTA FE SPRINGS | SANTA FE SPRINGS, CA

Our team is providing engineering design and surveying services for 10 alley segments for the Residential Alley Improvements project. Services include utility notification and coordination; topographic survey; pavement investigation and report that will include a recommendation for subgrade preparation, soil corrosion potential, and pavement design options; and preliminary and final plans, specifications and cost estimate.

- **KEY PERSONNEL:** DAVID NIKNAFS (PM), STEVE NOVAK (PE), ART BISCOCHO (PE), CARL HENDERSON (NV5 GEOTECH), J BRALEY (SURVEY)



Beryl Street Drainage and Street Improvements

CITY OF REDONDO BEACH | REDONDO BEACH, CA

NV5 is providing engineering design services for the project, including the preparation of plans, specifications and estimates. The project includes roadway, intersection and drainage improvements, including green street elements; modifications to catch basins; pedestrian crossing enhancements through curb ramp and pedestrian signal upgrades; incorporation of Living Street Design principles, traffic calming elements to enhance safety, mobility, and access for users to accommodate a variety of transportation modes; and signing and striping.

- **KEY PERSONNEL:** DAVID NIKNAFS (PM), STEVE NOVAK (PE), ART BISCOCHO (PE), CARL HENDERSON (NV5 GEOTECH)

Annual Residential Street Rehabilitation

CITY OF COMPTON | COMPTON, CA

NV5 provided engineering design services for the preparation of plans, specifications and estimates for the City's annual residential street rehabilitation projects. Scope of work includes: review and analysis of the City's existing Pavement Management Study; research of the City's existing street plan information; performing necessary soil investigations and coring samples; utilities notification and coordination; topographic survey; field review; and improvements to street pavement, street drainage, curb and gutter, sidewalk, and ADA curb ramps.

- **KEY PERSONNEL:** DAVID NIKNAFS (PM), ART BISCOCHO (PE), GERALD TOM (PE)

Jurupa Avenue Landscape Median

CITY OF FONTANA | FONTANA, CA

As a subconsultant to David Volz Design, NV5 is providing civil engineering design and surveying services for the median and street improvements associated with the City of Fontana's Jurupa Avenue Median Landscape project. The goal of the project is to construct roughly 1.5 miles of landscaped median along Jurupa Avenue, between Hamlock Avenue and Calabash Avenue. NV5's services include design survey, composite utility plan, utility coordination, potholing, street improvement plans, median improvement plans, signing and striping plans, specifications/special provisions, and construction quantities and cost estimates.

- **KEY PERSONNEL:** DAVID NIKNAFS (PM), ART BISCOCHO (PE), J BRALEY (SURVEY)

Trona Road Bridge Repairs

COUNTY OF SAN BERNARDINO | SAN BERNARDINO COUNTY, CA

NV5 is providing civil and structural final design plans, specifications, and cost estimates for Trona Road Bridge, which includes retrofit/repair of the existing wingwalls. Repairs are expected to include, but not be limited to, roadway excavations, structural backfill, installation and tensioning of tie-back anchors to realign wingwalls, repair headwall, re-install bridge railing, and AC pavement of roadway. NV5 will also analyze the construction feasibility of the retrofit/repairs and prepare the civil and structural final design plans and specifications in a manner that prevents full road closure during construction.

- **KEY PERSONNEL:** DAVID NIKNAFS (CIVIL/UTILITIES PM), ART BISCOCHO (PE), DAVID SCHOTT (STRUCTURAL ENGINEER), NONA ESPINOSA (HYDRAULICS EVALUATION), CARL HENDERSON (NV5 GEOTECH/QA/QC)

Bradley Road Bridge

CITY OF MENIFEE | MENIFEE, CA

Bradley Road in the City of Menifee crosses Salt Creek Channel. This project consists of providing an all-weather crossing at Salt Creek in lieu of the existing two-pipe culvert. Bradley Road gets completely inundated after a 5-year flood event, making it impassable for a few days until the water subsides. Emergency vehicles and local traffic have to use a long detour to get to their destinations during these flooding events. The City selected NV5 to come up with a solution that would satisfy their needs as well as meet the requirements of Riverside County Flood Control District.

- **KEY PERSONNEL:** JACK ABCARIUS (PM), CARL HENDERSON (NV5 GEOTECH), SCOTT LYLE (PE), JAMES MILLER (TRAFFIC), DARAB BOUZARJOMEHRI (PM)

Dogwood Road Bridge Replacement Project

COUNTY OF IMPERIAL | IMPERIAL COUNTY, CA

NV5 completed design engineering services for the replacement of Dogwood Bridge. We conducted an evaluation of the bridge which had settled approximately 2' over the last 20 years. NV5's evaluation addressed the feasibility of salvaging and retrofitting the bridge versus complete replacement. The evaluation culminated with a letter report addressing different options with all the associated approach roadway work, and provided the most suitable recommendation with clear justification for its implementation. NV5 provided SWPPPs, right of way assessments, field review reports and geotechnical reports, engineering calculations, environmental studies, and all CEQA clearances.

- **KEY PERSONNEL:** JACK ABCARIUS (PM), DARAB BOUZARJOMEHRI (PE), CARL HENDERSON (NV5 GEOTECH), JAMES MILLER (TRAFFIC)

Menifee Road and Fire Station No. 76 Entrance Traffic Signal

CITY OF MENIFEE | MENIFEE, CA

NV5 is providing engineering design (PS&E) services. Our scope of services includes preparation of civil design plans for ADA curb ramps, curb gutter, sidewalk, spandrels, and signing and striping plans, in addition to traffic signal design plans, including traffic signal poles, signal heads, detection, conduits, preemption devices, battery backup systems, signal interconnect through conduits to adjacent traffic signals, controller assembly, traffic signal hard-wired interconnection to City TMC, and service point locations.

- **KEY PERSONNEL:** DARAB BOUZARJOMEHRI (PM), ART BISCOCHO (PE), JAMES MILLER (TRAFFIC)

Lake Drive Storm Drain

CITY OF ENCINITAS | ENCINITAS, CA

NV5 is providing engineering design services for the Lake Drive Storm Drain Replacement Project, which involves the replacement of approximately 2,000 feet of failed 48" corrugated metal pipe (CMP) with new reinforced concrete pipe (RCP) through an environmentally sensitive canyon area.

- **KEY PERSONNEL:** TAMARA O'NEAL (PM), SCOTT LYLE (PM), CARL HENDERSON (NV5 GEOTECH), J BRALEY (SURVEY)

Wendt Terrace Storm Drain Improvements

CITY OF LAGUNA BEACH | LAGUNA BEACH, CA

Our team provided design engineering services for the Wendt Terrace Storm Drain project, which included utility coordination, surveying, and preparation of the final plans, specifications and cost estimates. The project included the design of an 18-inch HDPE storm drain pipe to be extended and located to the south of the existing storm drain channel at 719 Griffith Place and continue to traverse at approximately 10 to 15 feet from the existing storm drain channel through 719 Griffith Place and a portion of 850 Bolsa Way and connect downstream to the side of the existing channel.

- **KEY PERSONNEL:** DAVID NIKNAFS (PM), ART BISCOCHO (PE)

Bailey Drive Storm Drain

CITY OF TORRANCE | TORRANCE, CA

Our team provided engineering services for the analysis, survey, and utility coordination, as well as the preparation of plans, specifications and estimates for the construction of a storm drain within 184th Street from Prairie Avenue to Bailey Drive and within Bailey Drive from 184th Street to 185th Street in order to alleviate the local ponding/flooding in the area.

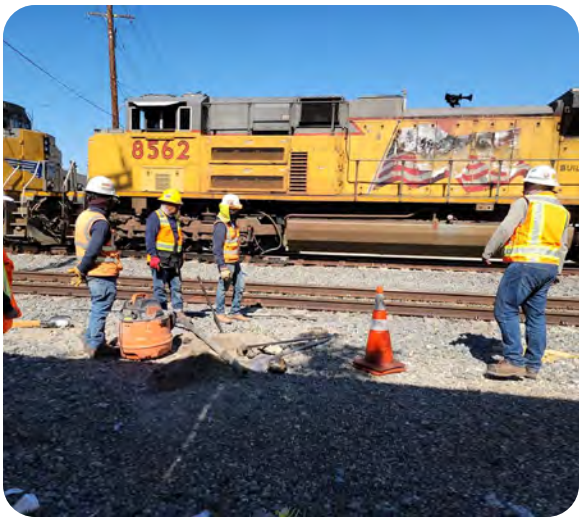
- **KEY PERSONNEL:** DAVID NIKNAFS (PM)

Cerritos Avenue & South Street Water Main Replacement

CITY OF ANAHEIM | ANAHEIM, CA

NV5 prepared the plans, specifications and cost estimates for the installation of new water mains. The project included replacing existing 10-inch Cast Iron Pipe (CIP) and 6-inch Asbestos-Cement Pipe (ACP) with approximately 2,700 LF of new 12-inch Ductile Iron Pipe (DIP) with four tie-in connections to existing water mains; replacing existing 8-inch CIP with approximately 350 LF of new 12-inch DIP from Disneyland Drive to Hazelwood Street with three tie-in connections to existing water mains; installing nine 12-inch gate valves and four fire hydrant assemblies on the new 12-inch mains; disconnecting and removing four hydrants on the existing mains; and replacing all existing lateral domestic water services on the existing 8- and 10-inch CIP and 6-inch ACP with new services on the 12-inch DIP.

- **KEY PERSONNEL:** LUANNE BEAN (PM), JULIAN PALACIOS (QA/QC)



Sewer Line Crossing at Johnson Avenue and Metrolink/SCRRA and UUPR Railroads

CITY OF EL MONTE | EL MONTE, CA

Our team is providing emergency engineering design services for this project. Due to an additional railroad track proposed by SCRRA, the City must encase an 8-inch gravity sewer line underneath the existing railroad tracks to the alley beyond. A new 12-inch sewer main will be jack and bored at the southern limit of the railroad right-of-way, underneath the existing and future railroad rails, overtop the slot within the Los Angeles County Flood Control District's existing storm drain.

- **KEY PERSONNEL:** CARL HENDERSON (NV5 GEOTECH), J BRALEY (SURVEY)

Sewer System Model Development & Evaluation

CITY OF VILLA PARK| VILLA PARK, CA

NV5 is responsible for performing a sewer system evaluation and developing a comprehensive wastewater collection system hydraulic model that will be used to evaluate the City's existing and potential sewer capacity needs and recommendations for improvements.

- **KEY PERSONNEL:** JULIAN PALACIOS (QA/QC), J BRALEY (SURVEY)

Pearl Avenue Sewer Replacement

CITY OF COMPTON | COMPTON, CA

NV5 is preparing updated engineering design plans, specifications and construction cost estimates. There are 29 plan sheets and a full set of construction specifications prepared in the old CSI format. The City requested NV5 to perform a constructability review on the existing plans, discuss with the City any cost-savings recommendations, update construction costs estimate, update construction specifications, and incorporate updated underground utility research on the current set of plans.NV5 is also providing survey services by providing necessary survey crew coordination and office support to dispatch survey crews with necessary support data.

- **KEY PERSONNEL:** LUANNE BEAN (PM), JULIAN PALACIOS (QA/QC), J BRALEY (SURVEY)

City Hall & Police Station HVAC System Replacement and Solar Energy Project

CITY OF PLACENTIA | PLACENTIA, CA

NV5 is providing engineering services to review, analyze and improve energy consumption at Placentia's City Hall and Police Station. NV5 is also preparing civil engineering design for electric vehicle charging stations in the Civic Center parking lot and Police Station parking lot, including paving plans, striping plans, and utility trenching details.

- **KEY PERSONNEL:** DAVID NIKNAFS (PM), ART BISCOCHO (PE), DANIEL KOLIMAR (PM)

Area Y Park Improvements

CITY OF EL MONTE | EL MONTE, CA

As a subconsultant to David Volz Design, our team is providing civil engineering design services for the Area Y Park Improvements, including topographic survey, geotechnical investigation, preliminary and final grading and drainage plans, specifications and cost estimate, and bid and construction phase support for the project.

- **KEY PERSONNEL:** J BRALEY (SURVEY)

Splash Pad Projects

CITY OF SANTA ANA | SANTA ANA, CA

Our team is providing architectural and engineering design services for the concept design, design development, preparation of contract documents (plans, specifications, and estimates), and bidding/construction support services for new splash pads at six parks in the City of Santa Ana. The concept design includes studies of form and layouts for the splash pad including, but not limited to, location, shape, size, theme, colors, attributes and features. The design development will further refine the concept plan and address grading, edging, drainage, utilities, landscaping and irrigation. The contract documents will include final plans and specifications for bid advertisement.

- **KEY PERSONNEL:** DAVID NIKNAFS (PM), ART BISCOCHO (PE)

Vina Vieja Park Phase 1 Area - 2 Pickleball Courts and Additional Parking Area

CITY OF PASADENA | PASADENA, CA

As a subconsultant to David Volz Design, NV5 is providing professional civil engineering design services for the Vina Vieja Park Phase 1 Area – 2 Pickleball Courts and the Additional Parking Area Project. Services include providing a topographic survey for the additional parking area (14-15 spaces) and preparing preliminary and final grading plans, special provisions and cost estimates for the proposed civil design improvements.

KEY PERSONNEL: DAVID NIKNAFS (PM), ART BISCOCHO (PE), STEVE NOVAK (PE), J BRALEY (SURVEY)

PROJECTS COMPLETED WITH PROPOSED SUBCONSULTANTS:

Compass Consulting:

- City of El Monte | Project Management Services, Capital Various Capital Improvement
- City of El Monte | CEQA Nevada Ave/Bodger
- City of El Monte | Ramona/Tyler Bike Lanes Improvements
- City of El Monte | Mesa Water-Vault Environmental Services

Organization Chart

Our team of experts brings direct, relevant, successful and current experience working on projects of similar scope and complexity. We are equipped with the resources to provide the City with the requested On-Call Engineering services. Key personnel will be available to the extent proposed for the duration of the Professional Services Agreement, and no person assigned to a project will be removed or replaced without the prior written concurrence of the City. Shown below are team roles and responsibilities. Please find resumes beginning on page 25.

PRINCIPAL-IN-CHARGE
Jeffrey M. Cooper, PE

PROJECT MANAGER
David Niknafs, PE

QA/QC MANAGER
Tamara O'Neal, PE

STREETS/ADA/ GENERAL CIVIL
David Niknafs, PE
Art Biscocho
Steve Novak
Darab Bouzarjomehri, PE

LANDSCAPE/ IRRIGATION/PARKS
Mike Smyth, RLA, ASLA
Jon Champlin, PLA, ASLA

TRAFFIC SIGNAL DESIGN
James Miller, PE
Gerald Tom, PE, TE

WATER/ WASTEWATER
Luanne Bean, PE
Julian Palacios, PE
James Owens, PE, LEED AP
Shen Huang, PE

BRIDGE DESIGN
Jack Abcarius, PE
David Schott, PE, SE

RAIL AUTHORITY COORDINATION
Luanne Bean, PE

STORM DRAIN
Scott Lyle, PE, CFM, QSD/QSP
Padma Asam, PE, QSD/QSP, LEED AP
Matt Moore, PE, ENV SP, QSD/P, ToR

ENVIRONMENTAL
Compass Consulting
Julie Gilbert

SURVEY/ROW/ MAPPING
J Braley, PLS
Pam Parr, SR/WA, RWP-TN, RWP-GN
40 Additional Support Staff + 16 Survey Crews

GRANT WRITING
Shen Huang, PE

PUBLIC OUTREACH
THE SIERRA GROUP
Laura Santos

GEOTECHNICAL/ MATERIALS TESTING
Carl Henderson, Ph.D., PE, GE
Shafiq Popalzai, PE
Mike Rastegar
25 Additional Field Staff + Technicians

HYDROLOGY/ HYDRAULICS
Nona Espinosa, PE
Scott Lyle, PE, CFM, QSD/QSP

MECHANICAL/HVAC/ ELECTRICAL
Alan Vallow, PE
Daniel Kolimar
Hung Nguyen

* SUBCONSULTANT

D. CONSULTANTS AND/OR SUBCONSTULTANTS

Subconsultants

Our Project Manager will lead our proposed team and act as the main point of contact for City officials. NV5 will enlist the following subconsultants, shown below, to assure all requirements of the project are completed by an expert in the field and finished in a timely and cost-effective manner. Subconsultant resumes can be found starting on page 53.

THE SIERRA GROUP

Contact Information:
Laura Santos
6755 Bright Ave.
Whittier, CA 90601
P: 562.696.1800

The Sierra Group helps clients achieve stakeholder awareness, engagement and support for public works, land use and transportation plans, projects, and services. It is a full-service public relations firm, staffed with a seasoned team of communications professionals who bring project success to clients in the public and private sectors. Services include public outreach, public participation plan development, meeting logistics and facilitation, engagement of diverse communities and neighborhoods, community-based organizations, businesses, and government relations.

The Sierra Group professionals have a reputation for creating and conducting outreach programs to meet the needs and concerns of cities, neighborhoods, businesses, and the general public. Its team has over 25 years of experience performing community relations and mitigation outreach for freeway, street, rail, pipeline, power, and water facilities, including: LADWP/LA Bureau of Engineering Stormwater Capture Parks Program, Scattergood Power Unit 3 Demolition (El Segundo/Westchester), Caltrans I-5 Widening North and South Improvement Construction Public Awareness Program, Metro Gold Line, Green Line, Expo Line and Purple Line Construction Public Outreach, and Castaic Lakes Water Agency Perchlorate Treatment Facility and Pipeline Construction.

Reference: Miko Azvakian, Carollo Engineers, (213) 279-3319

COMPASS

Contact Information:
Julie Gilbert
PO Box 2627
Avalon, CA 90704
P: 909.496.5960

Compass Consulting Enterprises (Compass) is a full-service environmental consulting firm with professionals who have more than 25 years of experience and a proven track record of providing expert advice throughout the Project lifecycle - from assisting engineers with environmentally responsible design, preparing environmental compliance evaluations in accordance with the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA), obtaining sensitive species and jurisdictional waters permits, to final construction monitoring.

Our mission is to provide our clients with high quality consulting services so they can make informed natural resource management decisions while allowing their project to continue forward. For project permitting and environmental compliance, Compass' in-house staff includes highly-qualified well-seasoned CEQA/NEPA professionals with decades of experience and a track record of preparing environmental documents and jurisdictional permits to timely meet the schedule demand of any size project. Our clients have come to trust the depth of experience and demonstrated ability to prepare a variety of legally-defensible compliance documentation ranging from detailed Exemption/Exception Justifications to Environmental Impact Reports/Environmental Assessments, jurisdictional waters permits, and endangered species consultations with State and federal agencies.

Reference: Sarah Zadok, City of El Monte, (626) 580-2236

Understanding of Scope of Work

NV5 understands services on this contract may include planning and design for, but not limited to, roadway pavement rehabilitation and/or restoration, streetscape, landscaping and irrigation systems, utility, bridges, safety lighting, traffic signal, hydraulic analysis, rail/transit facilities, active transportation and complete streets facilities, water treatment and distribution systems, sewer systems, flood control and storm drain facilities, parks/playgrounds/trails, parklets general facilities (chain-link fencing/ gates, retaining walls, etc.) and other Public Works construction projects. In addition, the City may need consultant services for grant administration, public outreach, preliminary engineering studies, environmental studies, surveying, right-of-way acquisition, mapping, legal description preparation, staking, geotechnical, structural services, architectural services, mechanical (HVAC)/electrical services, and prior rights claim expertise.

PROJECT APPROACH

NV5 can provide professional, comprehensive engineering services on a per project or task order basis for all types of capital improvement projects. Below is our general project approach that will be modified and tailored to meet the City's needs.

Work Breakdown Structure

Upon issuance of a notice to proceed, our project manager will meet with team members to review the requirements, prepare a Work Breakdown Structure and make team assignments for maximum efficiency of resources. The detailed WBS will describe all of the work tasks necessary to complete the project. A master project schedule will be prepared following the WBS to show the relationship between tasks, the expected start date and duration for each item. This schedule will serve as a guide to conducting and monitoring the progress of the work and to assure projects are completed on time and within budget. To assure accurate monitoring and tracking of documents, revisions and progress, a document tracking and control system will be developed. NV5 will meet with City project representatives regularly and maintain constant communication to assure successful and timely delivery of the project. Meeting minutes will be distributed within one week of the meeting identifying actions, items, assignments and due dates.

Cost Control

We are able to continually review and evaluate a project's cost through all project phases to enable informed and timely decision-making by our clients and the entire project team. Cost control techniques include: program budget analysis; value engineering; life-cycle cost analysis; and quantity-based estimating. We rely on an open-book, inclusive process that demonstrates the costs and benefits of varying design options. This budget confirmation process starts in the earliest stages of the project, when design and engineering alternatives have the greatest potential impact on costs. Our design teams analyze client goals, technical requirements, alternative building concepts, construction costs and long-term operational costs to define the optimum scope within the budget, assuring long-term flexibility and value.

Schedule Control

The key to effective schedule control is to measure actual progress and compare it to planned progress on a regular basis and to take necessary corrective action immediately. We propose to supplement each major task as identified in the master project schedule with a supplemental schedule to keep careful track of where each individual component stands. We identify problems that may result from delays and readily provide the opportunity to modify the schedule, as required. This process assures the completion of your projects on schedule.

E. WORK APPROACH

Innovative and Successful Approaches

The NV5 team focuses on providing safe, cost-effective, reliable, and sustainable improvements using innovative design and contracting techniques that meet or exceed the minimum standards based on design improvements and minimize impacts to adjacent properties and vehicular and pedestrian traffic. Our experienced engineering staff provides lower-cost or lower-impact alternatives in order to develop the least disruptive and least expensive designs.

One such example of our use of innovative techniques can be seen in our work on the design of the Industrial Way Storm Drain and Drainage Improvements project for the City of Costa Mesa.

The project included design of a drainage system to alleviate the flooding in the area. The existing 48-inch storm drain pipe in the street (Industrial Way) was not capable of handling the storm flood in its current condition. We studied different design options and performed hydrology and hydraulic analysis for various alternatives. We designed a system that would limit the flow into the existing storm drain system. In addition, we designed an underground detention system consisting of three (3) rows of 12-inch perforated corrugated metal pipes within the available portion of the adjacent field. The new drainage system solved the flooding problem in the area and saved the City Public Works Department a substantial amount of money. The proposed design alternative was much superior to a conventional trenching method within the street area consisting of replacing a large segment of the existing pipe with a larger diameter pipe and adding numerous catch basins. The construction of the new drainage system was completed on time and it is working just as intended.

Our team utilizes the latest in civil engineering design software to facilitate timely, efficient and innovative engineering design solutions for our clients. We rely on a host of computer resources, which includes up-to-date, state-of-the-art technology that is in use today throughout the engineering industry. We make maximum use of PC-based CADD systems that allow for the storage of typical details, establish similarity of plan layouts, and enable rapid duplications for the efficient preparation of plan sheets.

Our team also provides construction management for public works projects to several local agencies. We take our commitment to building innovative projects seriously, and will have our in-house construction management staff review plans and specifications for constructability. This is a good opportunity to obtain the view of those from the field and reduce potential difficulties that may be encountered during the construction of a project.

Managing Resources

NV5 will meet with City project representatives regularly and remain in constant communication to assure successful and timely delivery of the project. Biweekly meeting agendas, if necessary, will be distributed at least two working days before each meeting. Meeting minutes will be distributed within one week of the meeting identifying actions, items, assignments and due dates. Utilizing this technique will assure consistency in decisions, and will provide a concise list of tasks to be accomplished by each participant and a specific time schedule to complete the task.

Senior staff will meet with assigned project personnel regularly and remain in constant communication to assure successful and timely delivery of the project. Utilizing this technique will guarantee adequate technical support, thorough review and analysis of project issues, consistency in decisions and recommendations, and will provide a concise list of tasks to be accomplished by each team member and a specific time schedule to complete the task.

This constant communication, in conjunction with in-person meetings, allows our staff to meet project milestones.

Familiarity with State and Federal Procedures

We understand that the development of Federal and State funded projects requires more than the preparation of design reports and PS&E. More and more, engineers are required to navigate their projects through the complex federal aid process involving pre-award audits, authorizations, and timely use of fund provisions. Our experience with the regulatory agencies controlling these funding sources has afforded us the opportunity to support our clients through the process of developing the day-to-day procedures required to secure authorization and reimbursement for federally funded projects. This participation has put us in a position to offer our clients an unparalleled level of understanding of the process required to comply with Federal and State requirements. Our work with local, state and federal agencies keeps us in the forefront of current updates to policies and procedures, allowing our clients to benefit from our regular involvement in the project delivery process.

Federal Funding Requirements

The NV5 project team has provided program management, project engineering, design and construction support for a broad range of federally funded transportation projects, including Safe Routes to School projects, Community Development Block Grant projects, and projects funded through the Federal Highway Administration, Federal Transit Administration, U.S. Department of Housing and Urban Development and other federal programs.

Our project experience includes preparing all or a portion of the federal paperwork for Caltrans for Local Assistance. We are well-versed in the preparation of the E-76 package and the dictates of the Local Assistance Procedures Manual requirements.

We are also experienced in the key federal provisions to be included in project specifications, including Disadvantaged Business Enterprise goals, compliance with Davis Bacon Act for prevailing wage provisions, flow-down provisions to subcontractors, and a variety of other federal statutes and regulations.

Public Works projects often have multiple funding sources, including federal, state and local funding. We will develop and maintain a project documentation system acceptable to and in line with state and federal funding requirements.

F. CLIENT REFERENCES

References

Provided below are references of clients for whom engineering services have been performed that are comparable in quality and scope to that specified in this RFP.

CITY OF COMPTON

John Strickland, Project Manager
P: 310.605.5505
E: jstrickland@comptoncity.org

Relevant Projects:

- Pearl Avenue Sewer Replacement (Current)
- Annual Residential Street Rehabilitation (2021)
- Emergency Sewer Line Replacement Project (Current)
- Plan Check & Traffic Engineering Services (Current)
- CIP 13-01 Street Improvements (2020)
- Central Avenue Pavement Rehabilitation (2018)

CITY OF EL MONTE

Lee Torres, City Engineer
P: 626.580.2055
E: ltorres@elmonteca.gov

Relevant Projects:

- Sewer Line Crossing at Johnson Avenue and Metrolink/SCRRA and UUPR Railroads (Current)
- Area Y Park Improvements (Current)
- SCRRA SCORE Phase 1 Metrolink Commuter Rail Expansion (Current)
- El Monte Avenue and Baldwin Avenue Street Improvements (2021)
- Lambert Park Improvements (2021)

CITY OF LA HABRA HEIGHTS

Rafferty Wooldridge, Asst. City Manager
562.694.6302
rwooldridge@lhhcity.org

Relevant Projects:

- FY 2022-23 Street Improvements (Current)
- FY 2021-22 Street Improvements (2023)
- Hacienda Road Improvements (Current)
- Hacienda Road Remedial Grading and Street Improvements (2022)
- FY 2019-20 Street Improvements (2020)

G. RIGHTS TO MATERIALS

NV5 confirms that all responses, inquiries, and correspondence relating to this RFP and all reports, charts, displays, schedules, exhibits, and other documentation produced by the Consultant that are submitted as part of the Proposal and not withdrawn shall, upon receipt by CITY, become property of CITY.

Fee Schedule

The Schedule of Hourly Rates will remain fixed for the term of the PSA.

ENGINEERING SERVICES	HOURLY RATE**
Principal	$275
Project Manager	$225
Quality Assurance Manager	$205
Traffic Engineer	$225
Senior Structural Engineer	$210
Structural Engineer	$175
Senior Engineer	$165
Senior Designer	$150
Project Engineer	$145
Assistant Engineer	$125
Designer	$125
CADD Technician	$105
Administration	$95
CONSTRUCTION SERVICES	**HOURLY RATE****
Senior Construction Manager	$200
Construction Manager	$185
Senior Office Engineer	$150
Office Engineer	$125
Construction Inspector	$164
Construction Administration	$95
SURVEY SERVICES	**HOURLY RATE****
Engineering Aide/Planning Aide	$97
Project Assistant	$100
Project Administrator	$112
CADD Technician I	$118
CADD Technician II	$138
CADD Technician III	$162
Sr. CADD Technician/Designer	$177
Design Supervisor	$179
GIS Technician I	$115
GIS Technician II	$137
GIS Analyst	$157
Senior GIS Analyst	$189
Junior Engineer/Planner/Scientist/Surveyor	$141
Assistant Engineer/Planner/Scientist/Surveyor	$167
Associate Engineer/Planner/Scientist/Surveyor	$180

Fee Schedule

The Schedule of Hourly Rates will remain fixed for the term of the PSA.

SURVEY SERVICES (CONTINUED)	HOURLY RATE**
Senior Engineer/Planner/Scientist/Surveyor	$197
Manager	$256
Associate	$270
Principal	$290
1-Person Survey Crew (GPS) (Robotic)*	$212
1-Person Survey Crew*	$167
2-Person Survey Crew*	$350
3-Person Survey Crew*	$473
GEOTECHNICAL SERVICES *(a full laboratory fee schedule can be provided upon request)*	**HOURLY RATE****
Administration Staff	$75.00
Field Supervisor	$150.00
CQA Manager	$150.00
Senior CQA Manager	$170.00
Staff Engineer / Geologist	$120.00
Senior Staff Engineer / Geologist	$135.00
Project Manager / Engineer / Geologist	$155.00
Senior Engineer / Geologist	$185.00
Associate Engineer / Geologist	$205.00
Senior Principal Engineer / Geologist	$245.00
Soil / ACI Technician I	$123.00
Field Supervisor	$125.00
ICC Special Inspector I (Concrete, Masonry, Steel, Bolt, Fireproofing)	$125.00
Certified Welding Inspector I	$125.00
NDT Technician	$128.00
Laboratory Technician (Non Field)	$85.00
Ground Penetrating Radar (Technician and Equipment)	$203.00
Coring Equipment Fee	$75.00
Torque/Pull Testing (Technician and Equipment)	$135.00
"Wildcat", 35-lb hammer Dynamic Cone Penetrometer (DCP) with tech	$410.00
Lightweight 5-lb Gas Dynamic Cone Penetrometer (DCP) equip with tech	$200.00
Nuclear Density Gauge	$40.00/day
REIMBURSABLE EXPENSES	**HOURLY RATE****
Reproduction, Agency Fees & Consultant Services	Cost + 15%

* Assumes prevailing wages are applicable for field work.

** Regular rates. Work in excess of 8 hours and work on Saturdays will be billed at 1.5 times the regular rate. Work in excess of 12 hours and work on Sundays and Holidays will be billed at 2 times the regular rate.

H. SCHEDULE OF HOURLY RATES

Public Outreach	Hourly Rate
Public Outreach Specialist	$145.00

COMPASS
Consulting Enterprises, Inc.

PO Box 2627
Avalon, CA 90704
(909) 496-5960

2024-2029 BILLING RATES

Personnel Category Rates Charges will be made at the Category rates set forth for the time spent on project management, consultation or meetings related to the project, field work, report preparation and review, travel time to and from the job site, etc.

Position	Rate per hour
Principal/Project Manager	$185
Senior Regulatory Specialist	$185
CEQA/NEPA Specialist	$185
Public Outreach Specialist	$135
Environmental Field Specialist	$110
GIS Specialist	$120
Environmental Construction Monitor (Daily Flat Rate)	$1,200/Day
Project Analyst	$100
Administrative Assistant	$65

Other Direct Costs: Other Direct Costs (ODC) items will be based on actual costs and supported by historical data and actual receipts. Compass Consulting Enterprises, Inc. will comply with current IRS and Client Rate Standard Schedule for Meals, Travel and Mileage. It should be noted that travel expenses from Avalon to Long Beach as required of the Principal/Project manager is never billed to the customer.

Mark-up Percentage on out-sourced services. Compass does not mark up services. However, hours for subconsultant management is estimated for each project and will be part of the cost estimate.

APPENDIX C
NON-COLLUSION AFFIDAVIT

The undersigned declares states and certifies that:

1. This Proposal is not made in the interest of, or on behalf of any undisclosed person, partnership, company, association, organization or corporation. This Proposal is genuine and not collusive or sham.

2. I have not directly or indirectly induced or solicited any other Proposer to put in a false or sham proposal and I have not directly or indirectly colluded, conspired, connived, or agreed with any other Proposer or anyone else to put in sham proposal or to refrain from submitting to this RFP.

3. I have not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the proposal price or to fix any overhead, profit or cost element of the proposal price or to secure any advantage against the City of Pico Rivera or of anyone interested in the proposed contract.

4. All statements contained in the Proposal and related documents are true.

5. I have not directly or indirectly submitted the proposal price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay any fee to any person, corporation, partnership, company, association, organization, RFP depository, or to any member or agent thereof to effectuate a collusive or sham proposal.

6. I have not entered into any arrangement or agreement with any City of Pico Rivera public officer in connection with this proposal.

7. I understand collusive bidding is a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards.

Signature of Authorized Representative

Jeffrey M. Cooper, PE
Name of Authorized Representative

Senior Vice President
Title of Authorized Representative

CONTACT INFO
david.niknafs@nv5.com

EXPERIENCE
30 years

EDUCATION
M.S. Civil Engineering

B.S. Civil Engineering

LICENSES
Civil Engineer (CA)
No. 42697

AFFILIATIONS
American Public Works Association (APWA)

American Society of Civil Engineers (ASCE)

Transportation & Development Institute

DAVID NIKNAFS, PE

Project Manager/Streets/ADA/General Civil

Mr. Niknafs has more than 30 years of civil engineering experience in the public and private sectors working on various capital improvement projects and has extensive experience working as a project director and project manager. He has managed numerous public works and development projects, including roadways, bridges, drainage, sewer, water, underground utilities, building facilities and related infrastructure improvement projects.

He is in charge of providing overall project direction to the project technical team and providing resource allocation; preparing and administering budgets; preparing and monitoring project schedules; managing production of preliminary design and final design; preparing various detailed technical reports; providing oversight and performing quality control; managing and monitoring construction activities; establishing, coordinating and maintaining working relationships with owners, developers and other agencies.

Project Experience

Jurupa Avenue Landscape Median

CITY OF FONTANA | FONTANA, CA

Civil Project Manager. As a subconsultant to David Volz Design, NV5 provided civil engineering design services for the median and street improvements associated with the City of Fontana's Jurupa Avenue Median Landscape project. The goal of the project is to construct roughly 1.5 miles of landscaped median along Jurupa Avenue, between Hamlock Avenue and Calabash Avenue. NV5's services included design survey, composite utility plan, utility coordination, potholing, street improvement plans, median improvement plans, signing and striping plans, specifications/special provisions, and construction quantities and cost estimates.

Menifee Road and Fire Station No. 76 Entrance Traffic Signal

CITY OF MENIFEE | MENIFEE, CA

Civil Design Lead. Mr. Niknafs is overseeing the team providing civil engineering design (PS&E) services for the City's Menifee Road and Fire Station No. 76 Entrance Traffic Signal project. The project includes installing a new 3-way traffic signal at the intersection of Menifee Road and Fire Station No.76 to provide safety to the fire responders of Station 76 as they exit the fire station to respond to emergencies Our scope of services includes preparation of civil design plans for ADA curb ramps, curb gutter, sidewalk, spandrels, and signing and striping plans, in addition to traffic signal design plans, including traffic signal poles, signal heads, detection, conduits, preemption devices, battery backup systems, signal interconnect through conduits to adjacent traffic signals, controller assembly, traffic signal hard-wired interconnection to City TMC, and service point locations.

FY 2022-23 Pavement Management Program Implementation

CITY OF GLENDALE | GLENDALE, CA

Project Manager. Mr. Niknafs is responsible for providing engineering design services for the City's Fiscal Year 2022-23 Pavement Management Program Implementation project. Improvements include selective removal and repair of concrete curbs and gutters, sidewalks, driveways, cross gutters, catch basins, bus pads, and alley aprons; pavement repairs, including full-depth reconstruction, rubberized asphalt pavement wearing course (ARHM); crack seal; Asphalt Rubber Aggregate Membrane (ARAM); and Slurry Seal Type II; sewer point repairs based on City-provided CCTV videos; utility pull box relocation; storm drain infrastructure analysis and design, including hydrology and hydraulic analysis if needed; installation of survey well monuments; tree plantings, including coordinating with the City for tree species and locations; and review of the City's Bicycle Master Plan and design of plans according to recommendations. Services include field review; utility coordination and notification; topographic survey; geotechnical investigation; preparation of preliminary and final plans, specifications and estimates; and bid and construction support.

Residential Alley Improvements

CITY OF SANTA FE SPRINGS | SANTA FE SPRINGS, CA

Project Manager. Mr. Niknafs is responsible for providing engineering design services for 10 alley segments for the Residential Alley Improvements project. Services include utility notification and coordination; topographic survey; pavement investigation and report that will include a recommendation for subgrade preparation, soil corrosion potential, and pavement design options; and preliminary and final plans, specifications and cost estimate.

FY 2022-23 Street Improvements

CITY OF LA HABRA HEIGHTS | LA HABRA HEIGHTS, CA

Project Manager. Mr. Niknafs is responsible for providing engineering design services for the City's FY 2022-23 Street Improvements. Improvements include grind and overlay, slurry seal, and crack seal, depending on the current condition of each roadway segment. Our services include providing preliminary and final street improvement plans; specifications; quantity and cost estimates; and design support during construction.

Trona Road Bridge Repairs

COUNTY OF SAN BERNARDINO | SAN BERNARDINO COUNTY, CA

Civil/Utilities Project Manager. Mr. Niknafs is responsible for providing civil engineering design services for the Trona Road Bridge Repair project, which includes retrofit/repair of the existing wingwalls. Repairs are expected to include, but not be limited to, roadway excavations, structural backfill, installation and tensioning of tie-back anchors to realign wingwalls, repair headwall, re-install bridge railing, and AC pavement of roadway. NV5 will also analyze the construction feasibility of the retrofit/repairs and prepare the civil and structural final design plans and specifications in a manner that prevents full road closure during construction.

FY 2021-22 Street Improvements

CITY OF LA HABRA HEIGHTS | LA HABRA HEIGHTS, CA

Project Manager. Mr. Niknafs was responsible for providing engineering design services for the City's FY 2021-22 Street Improvement project. Improvements included slurry seal and grind and overlay, depending on the current condition of each segment. Our services include project meetings and coordination; obtaining and reviewing data; project documentation and field review; utility notification and coordination; preliminary and final street improvement plans; specifications; quantity and cost estimates; and bidding and construction support services.

CONTACT INFO
tamara.oneal@nv5.com

EXPERIENCE
28 years

EDUCATION
B.S. Civil Engineering

LICENSES/ CERTIFICATES
Civil Engineer (CA)
No. 69107

TAMARA O'NEAL, PE

QA/QC Manager

Ms. O'Neal has more than 28 years of experience providing civil engineering services, including capital improvement and development review project management, sewer rehabilitation design and planning, stormwater quality regulatory, reporting and review services, asset management, floodplain development services and environmental restoration services. Ms. O'Neal has provided extension of staff services on a consultant basis for numerous cities, as well as water and sanitation districts in Los Angeles, Orange, and San Diego counties.

Project Experience

On-Call Plan Check Services

CITY OF PICO RIVERA | PICO RIVERA, CA

Project Manager. Ms. O'Neal oversees this on-call plan check contract for the City of Pico Rivera. Reviews include subdivision maps, parcel maps, boundary adjustments and legal descriptions for conformance with local and state ordinances and laws; grading plans, including preliminary grading, mass grading, rough grading and precise grading plans; street improvement plans, including street widening, rehabilitation and new street plans; utility improvement plans; stormwater quality management plans; hydrology and hydraulic calculations and reports; engineer's cost estimate for the related items of work for bonding purposes; engineer's reports, including stormwater pollution prevention plans; erosion and sediment control plans; and geotechnical report review.

Lake Drive Storm Drain Replacement

CITY OF ENCINITAS | ENCINITAS, CA

Project Manager. Ms. O'Neal is managing the team providing engineering design services for the Lake Drive Storm Drain Replacement Project, which involves the replacement of approximately 2,000 feet of failed 48" corrugated metal pipe (CMP) with new reinforced concrete pipe (RCP) through an environmentally sensitive canyon area between Lake Drive and Interstate 5 (I-5). The existing system collects runoff from the surrounding developed area and conveys it down a steep slope through a natural canyon and west towards the I-5. Design hydraulic analysis revealed the original pipe was significantly undersized, resulting in the failure of the system within the canyon. Due to the undersized pipe and downstream constraints, designing a new detention basin was necessary to attenuate the peak flows through the canyon. During the design period, due to significant and unusual regional rainfall events, a large sinkhole developed at the top of the project limits, eventually affecting a portion of Lake Drive and local utilities, prompting an emergency response by the City. NV5 worked closely with the City and the emergency construction crews to produce an emergency

"interim" design to collect and convey the drainage. At the same time, the failed slope and adjacent roadway were reconstructed. The "interim" improvements were then incorporated into the final design condition.

Bicentennial Triangle Park Improvements

CITY OF IMPERIAL BEACH | IMPERIAL BEACH, CA

Ms. O'Neal prepared project plans and specifications for this urban park renewal project in Imperial Beach, including base mapping, site grading, drainage, demolition and improvement plans. We worked very closely with the project landscape architect for the incorporation of the landscape, lighting, irrigation design and specifications into the bid package. NV5 also provided bid support, construction inspection, water quality documentation, and encroachment permit coordination for work within the Caltrans right-of-way.

Capital Improvement Projects

CITIES OF DEL MAR, DANA POINT, IMPERIAL BEACH, CHULA VISTA, ENCINITAS, LEMON GROVE, VISTA, ESCONDIDO, SAN DIEGO | SOUTHERN CALIFORNIA

Ms. O'Neal has served as extension of staff for many local agency engineering departments. Her responsibilities have included assisting with project design and contract administration for the Cities' Capital Improvement Programs. Representative projects have included pavement management, facilities improvements, ADA assessment and design, Master Plan updates and storm drain improvements, sewer repair and maintenance programs, traffic calming, open space and roadway beautification, and local park, sidewalk and storm drain design. She has represented agency clients on numerous regional technical committees and coordinated with local and state agencies for Capital Improvement Project programming, funding and reporting purposes.

City Engineering Services

CITY OF DEL MAR | DEL MAR, CA

Engineering Development Review Manager. Ms. O'Neal served as an extension of the City's staff in reviewing proposed development projects, preparing conditions of approval and providing project coordination services and plan check reviews for conformance with City standards and project conditions. She was responsible for ensuring compliance with the City's Clean Water Program and performing construction inspections. She assisted with preparation of the City Engineering long- and short-term Capital Improvement Program and preparation of the associated two- and five-year City budgets. She represented the City Engineering department at regional transportation and Clean Water technical working groups. She prepared staff reports, resolutions, ordinances, and compliance reporting documents for satisfaction of a variety of State mandates. She also provided technical support at City management and community outreach meetings, and was instrumental in the preparation of the City's Clean Water compliance reporting documents and program implementation. She represented City Engineering staff in coordinating with City residents and local development professionals on a wide variety of issues and requests for assistance.

B Street Sidewalk Improvements

CITY OF ENCINITAS | ENCINITAS, CA

Ms. O'Neal was responsible for the preparation of plans, specifications and estimate (PS&E) for the construction of a new sidewalk between the Alley at the Lofts at Moonlight Beach and 4th Street to the west. The project included the design of approximately .25 miles of dedicated pedestrian access along the north side of B Street, connecting the Highway 101 businesses and Moonlight State Beach. The project constructed new curb, gutter, and sidewalk, pedestrian ramps, intersection traffic calming "bulb-outs," gravity retaining walls, and landscaping enhancements along a corridor with steep grades and known groundwater considerations. The walkway provides safe passage by promoting traffic calming and improved pedestrian crossing conditions.

CONTACT INFO
art.biscocho@nv5.com

EXPERIENCE
30 years

EDUCATION
B.S. Civil Engineering

ART BISCOCHO

Streets/ADA/General Civil

Mr. Biscocho has more than 30 years of experience. He has a demonstrated ability to manage multiple projects from planning to construction close-out. He has a wealth of knowledge of the overall operational experience working with municipal agencies, and his qualifications include the ability to review and prepare construction plans, specifications and cost estimates; provide engineering counter assistance; process permits; and establish, maintain and foster positive working relationships with agency staff.

Project Experience

Annual Residential Street Rehabilitation (Phases 1 and 2)

CITY OF COMPTON | COMPTON, CA

Project Designer. Mr. Biscocho was responsible for preparing plans, specifications and estimates for the City's annual residential street rehabilitation projects. Scope of work included review and analysis of the City's existing Pavement Management Study; research of the City's existing street plan information; performing necessary soil investigations and coring samples; utilities notification and coordination; topographic survey; field review; and improvements to street pavement, street drainage, curb and gutter, sidewalk, and ADA curb ramps.

Beryl Street Drainage and Street Improvements

CITY OF REDONDO BEACH | REDONDO BEACH, CA

Project Engineer. Mr. Biscocho provided engineering design services for the Beryl Street Drainage and Street Improvements project, including the preparation of plans, specifications and estimates. The project included roadway, intersection and drainage improvements, including green street elements; modifications to catch basins; pedestrian crossing enhancements through curb ramp and pedestrian signal upgrades; incorporation of Living Street Design principles, traffic calming elements to enhance safety, mobility, and access for users to accommodate a variety of transportation modes; and signing and striping. The project provided the opportunity to enhance walkability, install curb bulb-outs to reduce pedestrian crossing distances and calm traffic, and install Class II bicycle lanes. The scope of work included field investigation, topographical survey, utility coordination, providing various pavement rehabilitation and site improvement alternatives, conceptual design options, and CEQA documentation.

Manhattan Beach Boulevard & Peck Avenue Traffic Signal Improvements

CITY OF MANHATTAN BEACH | MANHATTAN BEACH, CA

Civil Project Engineer. As a subconsultant to Iteris, NV5 provided civil engineering design services. The scope of work includes replacement of existing traffic signal poles and installation of new poles; pavement improvements; improvements to curb and gutter, ADA curb ramps; and updating roadway signage, striping, and pavement markers.

CONTACT INFO
steve.novak@nv5.com

EXPERIENCE
25 years

EDUCATION
A.S. Building Technology

LICENSES/ CERTIFICATES
Certificate, Master Planning Communities

STEVE NOVAK

Streets/ADA/General Civil

Mr. Novak has more than 25 years of experience in civil, environmental, and geotechnical engineering. His expertise includes the conceptual planning, design and preparation of rough to precise grading plans; land use studies and preliminary engineering; street design; and water, sanitary sewer, street and storm drain plans. His projects encompass residential, wastewater and infrastructure, mountain and hillside, golf and resort, and commercial projects. His strengths as a designer/planner are first built on natural landforms development that integrates the environmental, cultural, and economic imperatives of the client and community, providing creative and innovative design solutions. Mr. Novak is proficient with AutoCAD C3D, Word and Excel software applications.

Project Experience

Annual Residential Street Rehabilitation (Phases 1 and 2)

CITY OF COMPTON | COMPTON, CA

Project Designer. Mr. Novak was responsible for preparing plans, specifications and estimates for the City's annual residential street rehabilitation projects. The scope of work included review and analysis of the City's existing Pavement Management Study; research of the City's existing street plan information; performing necessary soil investigations and coring samples; utilities notification and coordination; topographic survey; field review; and improvements to street pavement, street drainage, curb and gutter, sidewalk, and ADA curb ramps.

Area Y Park Improvements

CITY OF EL MONTE | EL MONTE, CA

Project Engineer. Mr. Novak is providing engineering design services for the Area Y Park Improvements project. As a subconsultant to David Volz Design, our team is providing topographic survey, geotechnical investigation, preliminary and final grading and drainage plans, specifications and cost estimate, and bid and construction phase support for the project.

Margarita Recreation Center

CITY OF TEMECULA | TEMECULA, CA

Project Designer. Mr. Novak is providing the design concept grading and drainage plans for the $8M design-build project that will demolish the existing facility and replace it with a new building and pool. NV5 is providing preliminary design, project management, construction management and inspection services for the project. In concert with City staff, our team recently prepared the design bridging documents and DB Request for Proposal. Our team is currently assisting the City with the DB contract Advertising and Award process. The DB contractor will ultimately complete the design and construction of the project while NV5 provides construction management and inspection services through project completion.

CONTACT INFO
darab.bouzarjomehri
@nv5.com

EXPERIENCE
38 years

EDUCATION
M.S. Management Technology

B.S. Civil/Structural Engineering

LICENSES/ CERTIFICATES
Civil Engineer (CA)
No. C54870

Civil Engineer (MN)
No. 21100

PSMJ trained

Project Manager certificate (URS Corporation)

PMI PMP training completed (in process of taking the test for certification)

AFFILIATIONS
American Public Works Association (APWA)

Women Transportation Seminars (WTS)

Past President of Society of American Value Engineers (SAVE)

DARAB BOUZARJOMEHRI, PE

Streets/ADA/General Civil

Mr. Bouzarjomehri is an accomplished professional engineer with over 38 years of experience in design and management of large-scale public transportation facilities involving federal, state, and local government agencies. He specializes in project management, with an outstanding history of managing projects from initial conception through final design and construction. Mr. Bouzarjomehri has superb communication skills with proven ability to build and lead highly efficient teams, training technical staff, and communicate complex concepts in understandable terms.

Project Experience

Scott Road/Bundy Canyon Road Widening
CITY OF MENIFEE | MENIFEE, CA

Project Design Manager. Mr. Bouzarjomehri was responsible for preparation of final construction documents for widening of 2.8 miles of Bundy Canyon/Scott Road from Haun Road to Sunset Avenue (City Limits). The existing two-lane two-way road will be widened to an urban arterial highway with five-lane corridor, 6-feet paved shoulders and multiple purpose trail on the north side of the improvements. The widening was designed per Caltrans Geometric Standards for horizontal and vertical alignments, and current City Standards. The project required extensive alignment studies and design, relocation of existing utilities impacted by the widening, drainage study, design and construction of new culverts, design of new traffic signals, signing and marking, construction phasing, right-of-way acquisition, coordination with utility companies, post master, and included community outreach.

Glendale Narrows Riverwalk Park
CITY OF GLENDALE | GLENDALE, CA

Project Director. Mr. Bouzarjomehri was responsible for providing construction support services including review and response to RFIs, material submittals and shop drawings, and technical design revision assistance to the client for final phase of the construction.

On-Call A/E Services for Street Design Projects
CITY OF LONG BEACH | LONG BEACH, CA

Project Director. Mr. Bouzarjomehri was responsible for management of the contract and preparation of the PS&E documents for each task order. This involved preparation of the scope, fee and schedule for each given task order to compete with other on-call consultants prior to selection and performance of the work. As part of this contract, he prepared and submitted proposals for Market Street and Willow Street.

CONTACT INFO
mike.smyth@nv5.com

EXPERIENCE
36 years

EDUCATION
B.S. Landscape Architecture

LICENSES/ CERTIFICATES
Registered Landscape Architect (CA) No. 3231, (OR) No. 0317, (WA) No. 1070, (AZ) No. 56354

AFFILIATIONS
American Society of Landscape Architects (ASLA)

Council of Landscape Architectural Registration Boards (CLARB) No. 0773

DHS Federal Emergency Response Official (FEMA CERT)

MIKE SMYTH, RLA, ASLA

Landscape/Irrigation/Parks

Mr. Smyth has decades of professional landscape architecture experience working throughout the Western United States and manages NV5's Landscape Architecture Studio, which provides service center support to the entire company. In addition to his conventional landscape architecture experience, Mr. Smyth is also experienced in the many facets of environmental design, including wetland mitigation and riparian restoration, and stormwater facility vegetation to comply with water quality standards.

Project Experience

Wire Mountain Park Master Plan

MOSS & ASSOCIATES | MCB CAMP PENDLETON, CA

Landscape Architect. Mr. Smyth is overseeing the design to renovate and update the existing park serving the MCB personnel and their families living in the Wire Mountain and South Mesa neighborhoods. The master plan will be final designed and constructed over several years. The developed amenities will include multiple baseball fields with bleachers, a multi-sport field, plazas with shade structures, playgrounds, concessions with bathrooms, a path network, double zipline, xeric landscaping and parking.

First San Diego River Improvements

CITY OF SAN DIEGO | SAN DIEGO, CA

Landscape Architect. Mr. Smyth was responsible for preparing conceptual design exhibits needed to gain land use approval, preliminary, and final planting and irrigation contract plans for a 3.2-mile long reach of the San Diego River in Mission Valley. The demonstration flood control project, funded by a consortium of federal, state and local agencies, was deemed a priority after historic flooding in the early 1980s damaged established developments located in the Valley, while limiting future higher-density development and buildout. Important landscape design elements included invasive vegetation removal, homogenous emergent, riparian and upland vegetative communities, waterfowl habitat, and miles of new, paved, multi-use path. The design process required frequent coordination with the US Army Corps, San Diego Parks and Recreation Dept., and across disciplines on the design team.

Landscape Architecture Design and Constructability Reviewer

MOUNTAIN HOUSE COMMUNITY SERVICES DISTRICT | MOUNTAIN HOUSE, CA

Senior Landscape Architect. Mr. Smyth is leading a team of landscape architects and designers who provide on-call aesthetic and technical reviews of consultant work products on behalf of the Community Services District (CSD). His team provides the technical expertise needed to ensure compliance with local design standards as well as the Department of Public Works' Standard and Supplemental Design, Construction Specifications, and Details.

CONTACT INFO
jon.champlin@nv5.com

EXPERIENCE
13 years

EDUCATION
M.A. Landscape Architecture

LICENSES/ CERTIFICATES
Professional Landscape Architect OR No.0967; NM No. LA637

CLARB No. 39959

AFFILIATIONS
American Society of Landscape Architects (ASLA)

Landscape Architecture Foundation (LAF)

JON CHAMPLIN, PLA, ASLA

Landscape/Irrigation/Parks

Mr. Champlin has more than 13 years of experience in landscape architecture and project management. He has worked on a variety of transportaion, public parks and trails, commercial and mixed-use developments, and urban design projects locally and internationally. His excellent client relation skills, strong ability to effectively manage deadlines, experience working in all phases of the design process, and consistent delivery of quality work have made him a reliable, go-to person for key projects. Mr. Champlin's collaborative approach to complex problems regularly leads to creative design solutions, enriching the user experience for the client once the project is complete.

Project Experience

Wire Mountain Park Master Plan

MOSS & ASSOCIATES | CAMP PENDLETON SOUTH, CA

Design Lead. Mr. Champlin lead the design for this 11-acre park master plan, located in north San Diego County. The park will serve the needs of the families living on the Camp Pendleton Marine Corps Base and is programmed to serve users of all ages, from toddlers to adults. Planned amenities include a large natural turf baseball field complex, a plaza with bleachers, a restroom building with an equipment storeroom, drinking fountains, and a concessions counter, a multi-sport field, permanent shade structures and site furnishings, soft-surface playgrounds, a hard-surface path system, a double zipline, native planting, and a permanent irrigation system.

Historic Highway State Trail, Mitchell Point Crossing (2018-2020)

WFLHD, ODOT, USFS, AND OREGON STATE PARKS| HOOD RIVER, OR

Landscape Architect. Mr. Champlin served as the lead designer for the redesign of the Mitchell Point Trail Head (managed by US Forest Service), and redesign of the Mitchell Point Overlook (managed by ODOT). New State Trail amenities include a new viewpoint at the west tunnel portal, multiple new tunnel adits (tunnel cutouts), an east tunnel portal viewpoint, and several waysides for pedestrian and bicyclist respite. Mike and his design team are also responsible for the landscape planting design at these locations and along the State Trail. Mitchell Point Tunnel is one of the last remaining obstacles in the re-development of the original Historic Columbia River Highway. The original tunnel was demolished in the 1950's to accommodate the construction of Interstate 84. When completed, the 3/4-mile long Mitchell Point Tunnel and trail amenities will return to its rightful place as one of the State Trail crown jewels.

CONTACT INFO
james.miller@nv5.com

EXPERIENCE
19 years

EDUCATION
B.S. Civil Engineering

LICENSES/ CERTIFICATES
Civil Engineer (CA)
No. 82522

AFFILIATIONS
American Society of Civil Engineers (ASCE)

American Public Works Association (APWA) Awards Chair 2013-2019

Adjunct Professor, Civil Engineering, San Diego State University, 2014

Aztec Mentoring Program, San Diego State University, 2013-present

JAMES MILLER, PE

Traffic Signal Design/Water/Wastewater

Mr. Miller has over 19 years of experience in the traffic and transportation disciplines, including projects involving roadways, bridges, and other specialty civil projects. He has applied his traffic design expertise to major streetscape and multimodal projects for municipal and state agencies. His experience, combined with his knowledge of current standards and best practices, provides his clients with insightful, effective design solutions.

Project Experience

Dogwood Bridge Over Central Main Canal

COUNTY OF IMPERIAL | IMPERIAL, CA

Traffic Engineering Manager. Mr. Miller was responsible for providing traffic engineering services for the project. The County of Imperial retained NV5 to provide a complete set of plans, specifications, and estimates for the bridge replacement and the associated approach roadway modifications. NV5 completed the construction documents by implementing a 2-span precast slab structure for an accelerated construction and to accommodate a future raising of the deck profile by two feet if the settlement continues at the estimated rate of 1 inch per year.

Bradley Road Bridge Design

CITY OF MENIFEE | MENIFEE, CA

Traffic Engineering Manager. Mr. Miller was responsible for providing traffic engineering services for the project to improve Bradley Road between Rio Vista Drive and Potomac Drive within the City of Menifee. This improvement consisted of providing an all-weather crossing at Salt Creek in lieu of the existing two-pipe culvert. Such improvements were necessary for the surrounding communities that were stranded after a five-year storm event, as the roadway gets completely flooded and becomes impassable.

Menifee Road and Fire Station No. 76 Entrance Traffic Signal Project

CITY OF MENIFEE | MENIFEE, CA

Traffic Engineering Manager. Mr. Miller is responsible for providing traffic engineering services for the Menifee Road and Fire Station No. 76 Entrance Traffic Signal Project. The project includes installing a new 3-way traffic signal at the intersection of Menifee Road and Fire Station No.76 to provide safety to the fire responders of Station 76 as they exit the fire station to respond to emergencies. The scope of work includes the preparation of improvement plans for the proposed curb and gutter, sidewalk, curb ramps and spandrel, signing/striping plans and traffic signal design plans for the Menifee Road and Diamond Road intersection.

CONTACT INFO
gerald.tom@nv5.com

EXPERIENCE
35 years

EDUCATION
B.S. Civil Engineering

LICENSES/ CERTIFICATES
Civil Engineer (CA)
No. 51209

Traffic Engineer (CA)
No. 2541

GERALD TOM, PE, TE

Traffic Signal Design

Mr. Tom has 35 years of progressive experience in design, technical specifications preparation, construction management, project management and personnel management. As a transportation engineer, he has evaluated transportation systems, managed traffic operations and maintenance programs, prepared and reviewed traffic impact studies, and reviewed and inspected the implementation of worksite traffic control plans.

Project Experience

Plan Check & Traffic Engineering Services

CITY OF COMPTON | COMPTON, CA

Plan Check Engineer. Mr. Tom is part of the NV5 team providing professional plan check services and traffic engineering services for the City's Public Works Department. Services include technical plan check for engineering documents and plans and review of maps and legal descriptions for conformance with Federal, State and local regulations, particularly the California Subdivision Map Act and general compliance with City Standards, Ordinances and Regulations, including the Low Impact Development requirements identified in City of Compton Ordinance 2,252 (including maintaining database Excel spreadsheet for BMPs tracking through the various stages of development). NV5 is also performing various Traffic Engineering Services such as review and recommendation and/ or approval for Traffic Impact Analyses for public/private projects, warrant studies for traffic signal and/or stop signs installations, and various other related tasks.

General Engineering (Staff Augmentation)

CITY OF LAGUNA WOODS | LAGUNA WOODS, CA

City/Traffic Engineer. Mr. Tom and our team provide traffic and general engineering services on an as-needed basis. Services include: conducting and reviewing traffic engineering, traffic analysis, and transportation planning studies; providing analysis of existing and projected traffic conditions; providing electronic traffic control device studies and design; performing pedestrian studies; plan check services; and reviewing new development projects involving traffic impact analysis, modeling, and road impact fee analyses.

On-Call Plan Check Services

CITY OF EL MONTE | EL MONTE, CA

Plan Check Engineer. Mr. Tom provides plan check services for various land development projects for the City. Our team is contracted with the City of El Monte to provide plan check/review services and staff support to oversee the construction of various CIP projects and wireless communications facilities.

JACK ABCARIUS, PE

Bridge Design

Mr. Abcarius has 40 years of engineering experience. He is an expert in California bridge design practices for both the design of new and replacement bridge structures, including the design of bridge retrofit repairs and rehabilitations, and has extensive experience performing QA/QC on structural projects.

CONTACT INFO
jack.abcarius@nv5.com

EXPERIENCE
40 years

EDUCATION
B.S. Civil Engineering

LICENSES/ CERTIFICATES
Civil Engineer (CA)
No. C40459

Module I Value Analysis/ Value Engineering Certificate

AFFILIATIONS
American Society of Civil Engineers (Former Director)

Consulting Engineers and Land Surveyors of California (Former Director)

American Public Works Association

American Society of Civil Engineers, Transportation Group

AWARDS + HONORS
- Certificate ASCE Commendation as Outstanding Civil Engineering Student, California State University, Sacramento

Project Experience

Bradley Road Bridge Design
CITY OF MENIFEE | MENIFEE, CA

Project Manager. Mr. Abcarius was responsible for providing preliminary design and construction documents for the project to improve Bradley Road between Rio Vista Drive and Potomac Drive within the City of Menifee. This improvement consisted of providing an all-weather crossing at Salt Creek in lieu of the existing two-pipe culvert. Such improvements were necessary for the surrounding communities that got stranded after a 5-year storm event, as the roadway gets completely flooded and becomes impassable. This was a safety concern to the senior citizen community as emergency vehicles were delayed having to go through a lengthy detour.

Dogwood Bridge Over Central Main Canal
COUNTY OF IMPERIAL | IMPERIAL, CA

Project Manager. Mr. Abcarius was responsible for the evaluation of the existing bridge, which appeared to have settled approximately 2 feet over the previous 20 years. The evaluation addressed the feasibility of salvaging and retrofitting the bridge versus the complete replacement and culminated with clear justification for a complete replacement. Subsequently, the County of Imperial retained NV5 to provide a complete set of plans, specifications, and estimates for the bridge replacement and the associated approach roadway modifications. NV5 completed the construction documents by implementing a 2-span precast slab structure for an accelerated construction and to accommodate a future raising of the deck profile by two feet.

Quarry Road Bridge Replacement at Spring Valley Creek
COUNTY OF SAN DIEGO | SAN DIEGO, CA

Project Manager. Mr. Abcarius was responsible for the delivery of plans, specifications, and estimate associated with this HBP-funded bridge project. The design consisted of replacing an existing low-flow crossing with an all-weather bridge. He led a multi-disciplinary team in the preparation of a dewatering study, the geotechnical design report for the approach roadway, the Structure Foundation Report for the bridge, the Hydrology, Hydraulics, and Scour Report, the Bridge Type Selection Report, the Storm Water Management Plan, the Technical Specifications, as well as the CLOMR and LOMR. Full Caltrans review and oversight are required on this project.

CONTACT INFO
david.schott@nv5.com

EXPERIENCE
39 years

EDUCATION
M.S. Structural Engineering

B.S. Civil Engineering

LICENSES/ CERTIFICATES
Registered Civil Engineer (CA)
No. C22286

Structural Engineer (CA)
No. S2470

DAVID SCHOTT, PE, SE

Bridge Design

Mr. Schott has over 39 years of experience in all phases of California bridge engineering that began as an Engineer with the Caltrans Office of Structures as a bridge design engineer, resident engineer in construction and bridge site preliminary planner. His qualifications are unique in that they encompass a bridge design background with extensive experience in all phases of transportation structures planning, design, and construction administration.

Project Experience

Canyon Road Bridge Replacement
TOWN OF MORAGA

Structural Engineer for design of the bridge and soldier pile retaining walls. The previous narrow two lane bridge was designated as Functionally Obsolete and was approved for replacement. The bridge is being constructed in two stages to allow traffic access across the creek during construction using one-way passage with automatic traffic signals. The new bridge provides two 12’ lanes, two 5’ shoulders, a 10’-6” cycle track and channel overlook. The bridge was designed in accordance Caltrans AASHTO LRFD Design Specifications and Seismic Design Criteria.

Old County Road Bridge Replacement
SANTA CRUZ COUNTY

Lead structural engineer for type selection of a new bridge and independent design check for this HBP-funded project beginning with PES and Field Review with District and Structures Local Assistance. This project replaced an existing five-span timber bridge with a new single span reinforced concrete box girder bridge designed in accordance with AASHTO/Caltrans LRFD and Caltrans Seismic Design Criteria.

Wooster Avenue Bridge Replacement
CITY OF SAN JOSE

Project manager and structural engineer responsible for the design and PS&E of the Wooster Bridge replacement crossing Silver Creek. The PS&E included use of a temporary bridge, provided permit applications, finalized environmental clearances, and provided observation and shop drawing review during construction. Also provided a detailed report on the structure condition, including potential seismic vulnerability with recommendations and costs for both repair and possible structure replacement. Based on the report recommendations, the city requested that a design for replacement be prepared. Completed project development and design, including obtaining permits from Army Corps of Engineers, Water Quality Control Board, State Department of Fish and Wildlife, and Santa Clara Valley Water District. Design per AASHTO/Caltrans Structural Design Standards and Seismic Design Criteria.

CONTACT INFO
luanne.bean@nv5.com

EXPERIENCE
35 years

EDUCATION
M.S. Civil Engineering

B.S. Civil Engineering

LICENSES
Civil Engineer (CA)
No. 50129

Former Class A General Engineering Contractor

REGISTRATIONS
FEMA OPS - I

HAZMAT First Responder/ Operations Level

DOT Offers of Bulk and Non-Bulk HAZMAT Packages

Nuclear Waste Safety for Workers

LUANNE BEAN, PE

Rail Authority Coordination/Water/Wastewater

Ms. Bean has more than 35 years of experience in the engineering, design, and construction of water and wastewater projects. As a Registered Civil Engineer and a former Class A General Engineering Contractor, Ms. Bean has seen construction from both sides of the fence. Her technical skills include specialized structural analysis and design of large 600-MGD water treatment plants, pipelines up to 12 feet in diameter, mechanical analysis, SCADA & I&C oversight and coordination, diesel generator design and AQMD permitting, the preparation of engineering plans, specifications and cost estimates, as well as construction management.

Project Experience

Sewer Line Crossing at Johnson Avenue and Metrolink/SCRRA and UPRR Railroads

CITY OF EL MONTE | EL MONTE, CA

Project Manager/Senior Engineer. Ms. Bean is responsible for providing emergency engineering design services for the Sewer Line Crossing at Johnson Avenue and Metrolink/SCRRA and UPRR Railroads. Due to an additional railroad track proposed by SCRRA to meet the needs of the upcoming Olympics, the City must encase an 8-inch gravity sewer line that runs north from Johnson Avenue underneath the existing railroad tracks to the alley beyond. A new 12-inch sewer main will be jack and bored at the southern limit of the railroad right-of-way at Johnson Avenue, underneath the existing and future railroad rails, overtop the slot within the Los Angeles County Flood Control District's existing storm drain, to the alley just north of the existing railroad right-of-way. Services include preparing the plans, specifications and cost estimates; utility research; temporary water high lining and sewer bypassing to keep the facilities online during construction; land surveying; geotechnical report; and coordination with the railroad.

La Palma Avenue and Tustin Avenue Water Main Replacements

CITY OF ANAHEIM | ANAHEIM, CA

Construction Manager. Ms. Bean is serving as the Construction Manager for this project. The work to be undertaken consists of a bore and jack operation at La Palma Avenue Railroad Crossing for 151 LF of 12-inch ductile-iron carrier pipe within a 24-inch steel casing and 145 LF of 36-inch ductile-iron carrier pipe within 48-inch steel casing. The work will also consist of a bore and jack operation at Tustin Avenue Railroad Crossing for 141 LF of 12-inch ductile iron carrier pipe within a 24-inch steel casing. Due to OCTA's plan to expand its railways along La Palma Avenue and Tustin Avenue, the project is required to protect the pipes and increase service reliability at the existing water main located at the crossings.

SCOTT LYLE, PE, CFM, QSD/QSP

Storm Drain/Hydraulics & Hydrology

CONTACT INFO
scott.lyle@nv5.com

EXPERIENCE
39 years

EDUCATION
Graduate Studies in Environmental Hydrology

B.S. Civil Engineering

LICENSES/ CERTIFICATES
Civil Engineer (CA) No. C44062

Certified Floodplain Manager (CA) No. 99-00013

Qualified SWPPP Developer/Practitioner No. 00817

Graduate Certificate in Coast Engineering

AFFILIATIONS
American Society of Civil Engineers (ASCE)

Association of Floodplain Managers (ASFPM)

San Diego County Hydrology Manual Development Committee 2003, Member

Floodplain Management Association (FMA), Past Board Member

Mr. Lyle has more than 39 years of experience in the management and design of a wide variety of multi-objective water resources projects, including flood control channels, watershed analyses, detention basins, master plans, and storm drain design. He also has extensive experience in stormwater modeling, including hydrologic, hydraulic analyses and detention routing using various public agency design standards.

Project Experience

Lake Drive Storm Drain Replacement
CITY OF ENCINITAS

Project Engineer. Mr. Lyle is providing engineering design services, which involves the replacement of approximately 2,000 feet of failed 48" corrugated metal pipe (CMP) with new reinforced concrete pipe (RCP) through an environmentally sensitive canyon area between Lake Drive and Interstate 5 (I-5). The existing system collects runoff from the surrounding developed area and conveys it down a steep slope through a natural canyon and west towards the I-5. Design hydraulic analysis revealed the original pipe was significantly undersized, resulting in the failure of the system within the canyon. Due to the undersized pipe and downstream constraints, designing a new detention basin was necessary to attenuate the peak flows through the canyon. During the design period, due to significant and unusual regional rainfall events, a large sinkhole developed at the top of the project limits, eventually affecting a portion of Lake Drive and local utilities, prompting an emergency response by the City. NV5 worked closely with the City and the emergency construction crews to produce an emergency "interim" design to collect and convey the drainage. At the same time, the failed slope and adjacent roadway were reconstructed. The "interim" improvements were then incorporated into the final design condition, leading to the detention basin, avoiding the need for additional disturbance of the newly restored area.

Bradley Road Bridge
CITY OF MENIFEE | MENIFEE, CA

Project Engineer. Responsible for the hydraulic evaluation of an approximately 350-foot-long triple-span Bradley Road bridge. Design discharges for Salt Creek were coordinated and verified with Riverside County Flood Control and Water Conservation District (RCFCWCD). Hydraulic analyses (HEC-RAS) of the creek included modeling the existing low-water crossing (pre-project conditions) and proposed bridge (post-project conditions) to determine the hydraulic impacts of the bridge crossing. In addition to evaluating the water surface elevation and velocity impacts of the proposed bridge, scour calculations were performed to support proposed scour mitigation measures at the abutments and piers.

CONTACT INFO
padma.asam@nv5.com

EXPERIENCE
17 years

EDUCATION
M.S. Structural Engineering

B.S. Civil Engineering

LICENSES/ CERTIFICATES
Civil Engineer (CA) No. 83896

Qualified SWPPP Developer/Practitioner (CA) No. 27085

LEED Accredited Professional

PADMA ASAM, PE, QSD/QSP, LEED AP

Storm Drain

Ms. Asam has 17 years of design experience in public work projects, including design of roadway widening and alignments, retaining walls, pedestrian ramps, engineering reports and utility undergrounding. She is adept in the design standards of various local public agencies in Southern California. Ms. Asam has extensive experience reviewing grading plans, street and storm drain improvement plans, utility plans, tract maps, structural plans and details and stormwater-related documents. She has extensive experience working with local funding agencies to prepare and administer grant applications on behalf of local agency clients. In addition to submitting progress reports, applications for funding, and closeout documentation, she has coordinated public outreach efforts and developed strong working relationships with Caltrans Local Assistance staff.

Project Experience

On-Call Plan Check Services

CITY OF PICO RIVERA | PICO RIVERA, CA

Project Engineer. Reviews include subdivision maps, parcel maps, boundary adjustments and legal descriptions for conformance with local and state ordinances and laws; grading plans, including preliminary grading, mass grading, rough grading and precise grading plans; street improvement plans, including street widening, rehabilitation and new street plans; utility improvement plans; stormwater quality management plans; hydrology and hydraulic calculations and reports; engineer's cost estimate for the related items of work for bonding purposes; engineer's reports, including stormwater pollution prevention plans; erosion and sediment control plans; and geotechnical report review.

Lake Drive Storm Drain Replacement

CITY OF ENCINITAS

Project Engineer. Ms. Asam is providing engineering design services for this project, which involves the replacement of approximately 2,000 feet of failed 48" corrugated metal pipe (CMP) with new reinforced concrete pipe (RCP) through an environmentally sensitive canyon area between Lake Drive and Interstate 5 (I-5). The existing system collects runoff from the surrounding developed area and conveys it down a steep slope through a natural canyon and west towards the I-5. Design hydraulic analysis revealed the original pipe was significantly undersized, resulting in the failure of the system within the canyon. Designing a new detention basin was necessary to attenuate the peak flows through the canyon. During the design period, due to significant rainfall, a large sinkhole developed at the top of the project limits prompting an emergency response by the City. NV5 worked closely with the City and the emergency construction crews to produce an emergency "interim" design to collect and convey the drainage.

CONTACT INFO
matthew.moore@nv5.com

EXPERIENCE
27 years

EDUCATION
MS, Civil Engineering, Virginia Polytechnic Institute & State University

BS, Civil Engineering, Virginia Polytechnic Institute & State University

LICENSES/ CERTIFICATES
Professional Engineer, CA -#56780

Envision Sustainability Professional: CA - #10891.

Qualified SWPPP Developer and Practitioner - #00046.

Trainer of Record for QSD/ QSP - #00046.

MATT MOORE, PE, ENV SP, QSD/P, TOR

Storm Drain

Mr. Moore brings more than 27 years of experience in water resources, including hydrologic and hydraulic engineering design for flood control, drainage, green infrastructure, water quality, and erosion control facilities. His work includes FEMA Flood Insurance Rate Map letters of map amendment/revision (LOMA/R) review for FEMA and preparation of floodplain studies and LOMRs for developers and municipalities. He has extensive experience in hydrologic and hydraulic analyses including preparation of storm drainage plans and stormwater quality best management practices (BMP) design and documentation. He served on the technical advisory committee for the development of the first San Diego County LID Manual and the San Diego County Hydrology Manual update.

Project Experience

State Route 76 Floodplain Analysis and Drainage Design*

COUNTY OF SAN DIEGO/GRANITE CONSTRUCTION | SAN DIEGO COUNTY, CA

Drainage lead for engineering construction drawings for a 2.3-km widening and realignment of an existing rural state route along the San Luis Rey River and bridge widening along a river tributary east of Interstate 15. Matt's duties included the preparation of hydrology and hydraulic analyses, reports, and storm drain design for final engineering construction drawings, including Rational Method and Unit Hydrograph Method hydrology calculations, culvert, ditch and inlet design and analysis using WSPG-W and hydraulic floodplain calculations and mapping using HEC-RAS; bridge scour analysis using HEC-18; sediment transport and scour protection design along San Luis Rey River using HEC-6 and HEC-23; and FEMA CLOMR/ LOMR preparation and processing.

Santa Margarita River Hydraulic Floodplain Analysis, Marine Corps Base Camp Pendleton*

NAVAL FACILITIES COMMAND SOUTHWEST| SAN DIEGO COUNTY, CA

Updated an existing HEC-RAS floodplain analysis within Santa Margarita River in the vicinity of Marine Corps Air Station (MCAS) Camp Pendleton utilizing field surveyed cross sections and vegetation survey within the 100-year floodplain. The purpose of the study was to verify the existing freeboard condition along the levee protecting the MCAS Camp Pendleton and at Topomai Bridge.

Tijuana River Floodplain Analysis*

INTERNATIONAL BOUNDARY AND WATER COMMISSION (IBWC) - SAN DIEGO, CA

Prepared an HEC-RAS floodplain analysis for the Tijuana River from the US-Mexico border to the Pacific Ocean using field-surveyed cross sections and LiDAR topographic data. The floodplain analysis updated the draft FEMA HEC-RAS floodplain analysis in support of the levee re-certification process for the portion of the river within the IBWC right of way.

CONTACT INFO
j.braley@nv5.com

EXPERIENCE
45 years

EDUCATION
General Education courses

Land Survey courses

Land Surveying Fundamentals

AutoCAD Level 1 & Level 2

Global Positioning Survey course

GIS course

LICENSES/ CERTIFICATES
Professional Land Surveyor (CA) No. 8446

Professional Land Surveyor (NV) No. 19903

J BRALEY, PLS
Survey/ROW/Mapping

Mr. Braley has more than 45 years of experience as a Land Surveyor in California, Oregon, Washington, Nevada, and Virginia for public works agencies, institutional agencies, and private land developers. He has a strong background in right-of-way mapping, boundary and title-related issues as well as topographic surveys, horizontal and vertical control, final monument and construction staking. Mr. Braley was the survey project manager on several large projects including the mapping for over 100 sections, resolving the boundaries on over 1,800 parcels within those sections and resolved boundaries for 30 miles of the Los Angeles Aqueduct.

Project Experience

Pearl Avenue Sewer Replacement
CITY OF COMPTON | COMPTON, CA

Survey Manager. Mr. Braley is providing surveying services for the preparation of updated engineering design plans, specifications and construction cost estimates for the Pearl Avenue Sewer Replacement. There are 29 plan sheets and a full set of construction specifications prepared in the old CSI format signed and sealed by the City's former Public Works Director from January 2016. The City requested NV5 to perform a constructability review on the existing plans, discuss with the City any cost-savings recommendations, update construction costs estimate, update construction specifications, and incorporate updated underground utility research on the current set of plans. There is an additional reach of 400 LF Pearl Avenue Sewer Additions between Rosecrans Avenue and East Kay Street that are not included in the previous 29 sheets that the City needs to be added to this project. NV5 is also providing survey services by providing necessary survey crew coordination and office support to dispatch survey crews with necessary support data as follows: Horizontal, Vertical & Boundary Control, Topographic Survey Field Locations and Elevations, and Compile Topographic Survey Map.

Area Y Park Improvements
CITY OF EL MONTE | EL MONTE, CA

Survey Manager. Mr. Braley is providing surveying services for the Area Y Park Improvements project. As a subconsultant to David Volz Design, our team is providing civil engineering design services, including topographic survey, geotechnical investigation, preliminary and final grading and drainage plans, specifications and cost estimate, and bid and construction phase support for the project.

CONTACT INFO
pam.parr@nv5.com

EXPERIENCE
25 years

LICENSES/ CERTIFICATES
Senior Right of Way Agent (SR/WA), International Right of Way Association (IRWA)

Right of Way Professional - Transportation (RWP-TN), IRWA

Right of Way Professional - Generalist (RWP-GN), IRWA

Real Estate Salesperson (CA) No. 01132993

Notary Public (CA) No. 2430880

Caltrans Right of Way Two-Week Academy Certification

PAM PARR, SR/WA, RWP-TN, RWP-GN

Survey/ROW/Mapping

Ms. Parr has more than 25 years of experience in asset management, property management, real estate, and right of way. She is highly versatile and goal oriented, with a tradition of success in real estate negotiation, acquisition, project management, and asset/property management. She is certified by Caltrans to work on joint projects and her areas of proficiency include right of way acquisition, project planning, performing due diligence, and construction management of projects from pre-bid through completion.

Project Experience

Strategic Undergrounding Program (SUG)

SAN DIEGO GAS & ELECTRIC | SAN DIEGO, CA

Client Service Manager/Project Manager. Ms. Parr oversaw the negotiation and acquisition of easements needed for the undergrounding of distribution lines for the project. SUG was a multi-year project covering all of San Diego County providing heightened wildfire resiliency and electric reliability by undergrounding distribution lines near key community facilities. Ms. Parr met weekly with the Strategic UG Core Team as well as individual design teams for the project. Ms. Parr also participated in weekly planning and community outreach meetings with SDG&E key personnel. Project benefits include increased resiliency and reliability of the electric system and key community facilities could remain energized during a Public Safety Power Shutoff.

Fire Risk Mitigation (FiRM) Program

SAN DIEGO GAS & ELECTRIC | SAN DIEGO, CA

Senior Right of Way Agent/Assistant Project Manager. Ms. Parr reviewed acquisition packets to determine property ownership and existing easements to determine if a new easement or an amendment of an existing easement was needed. Ms. Parr prepared the necessary acquisition documents to assist in negotiating the execution of a new or amended easement and attended meetings with property owners to have easements executed or for further negotiating, if needed.

Drone Investigation, Assessment, and Repair (DIAR) Pilot Program

SAN DIEGO GAS & ELECTRIC | SAN DIEGO, CA

Project Manager. SDG&E's DIAR program had the goal of using drones to survey electric poles in 2019 and a portion of 2020. Residents and property owners were notified prior to the drone flights. This was accomplished by researching landowner information in various databases to match the pole to the property owner, the pole property address, and phone numbers of the property owner, in addition to SDG&E easement and land rights research.

CONTACT INFO
shen.huang@nv5.com

EXPERIENCE
9 years

EDUCATION
M.A. Peace and Conflict Studies

B.S. Mechanical Engineering

LICENSES/ CERTIFICATES
Civil Engineer (CA) No. 92286

SHEN HUANG, PE

Water/Wastewater/Grant Writing

Ms. Huang has comprehensive knowledge of public water systems related-infrastructure, consolidation, groundwater treatment (including fluoride, arsenic, uranium, and nitrate removal), and state and federal financial assistance programs. She provides assistance to prepare Drinking Water State Revolving Funding Applications that result in successful planning and construction projects.

Project Experience

Forcemains Improvements

RURAL COMMUNITY ASSISTANCE CORPORATION | SALTON CITY, CA

Project Engineer. Ms. Huang is responsible for preparing the design and grant funding documents for this project in which NV5 is providing preliminary engineering, design, environmental documentation, and CWSRF construction phase funding application assistance to support Salton Community Services District's (District) efforts to improve key areas of deteriorating sewer collection system infrastructure in the Desert Shores and Salton communities. Based on discussions and site visits with the District, NV5 prepared a technical memorandum outlining potential deficiencies for consideration for improvements, including Desert Shores' Lift Station No. 2 (concrete wet well condition, backup power, potentially oversized pumps and motors, flow meter installations), potentially oversized forcemain at Lift Station No. 2, and lack of air release/ vacuum valves and other appurtenances along the forcemain to the Desert Shores wastewater treatment facility, Salton City's Lift Station No. 16 (concrete wet well condition, upstream piping configuration, backup power, potentially oversized pump/motors), potentially oversized forcemain at Lift Station No. 16, deteriorating manholes, and inefficiencies in the configurations of Lift Stations No. 19, 19B, and 20. NV5 coordinated flow monitoring and wastewater quality sampling in order to gather data to support the preliminary engineering. NV5 is currently preparing a preliminary engineering report to assess potential alternatives and make recommendations.

Inflow and Infiltration Mitigation Phase 7

CITY OF LA MESA | LA MESA, CA

Project Engineer. Ms. Huang assisted with preparing grant funding documents and was responsible for the proposed sewer collection system improvements in the City's University Park neighborhood to address approximately 10,300 LF of pipelines that require replacement or rehabilitation. Conducted condition assessment of pipelines and prepared preliminary engineering report and Clean Water State Revolving Funding Application.

CARL HENDERSON, PH.D, PE, GE

Geotechnical/Materials Testing

CONTACT INFO
carl.henderson@nv5.com

EXPERIENCE
25 years

EDUCATION
Ph.D. Civil Engineering

M.S. Civil Engineering (Geotechnical)

B.S. Civil Engineering

LICENSES/ CERTIFICATES
Geotechnical Engineer (CA) No. 2886

Civil Engineer (CA) No. 71115

AFFILIATIONS
American Public Works Association (APWA) - Member

American Indian Science and Engineering Society (AISES) - Member

National Society of Black Engineers (NSBE) – Lifetime Member

Society of American Military Engineers (SAME) - Member

Dr. Henderson has more than 25 years of experience performing geotechnical evaluations for a wide variety of projects, including buildings, bridges, highways, roadways, embankments, levees, land development, and commercial and industrial facilities. He has extensive experience with embankment construction and stability evaluations for many large roadway construction projects in California. Over the last 12 years, he has served as the Senior Geotechnical Project Manager and Geotechnical Project Manager for some of the largest highway and bridge projects within San Joaquin County.

Project Experience

Beryl Street Drainage and Street Improvements
CITY OF REDONDO BEACH | REDONDO BEACH, CA

Geotechnical Manager. Mr. Henderson provided geotechnical engineering services as part of the team that provided engineering design services for the Beryl Street Drainage and Street Improvements project. The project included roadway, intersection and drainage improvements, including green street elements; modifications to catch basins; pedestrian crossing enhancements through curb ramp and pedestrian signal upgrades; incorporation of Living Street Design principles, traffic calming elements to enhance safety, mobility, and access for users to accommodate a variety of transportation modes; and signing and striping. The project provided the opportunity to enhance walkability, install curb bulb-outs to reduce pedestrian crossing distances and calm traffic, and install Class II bicycle lanes. The scope of work included field investigation, topographical survey, utility coordination, providing various pavement rehabilitation and site improvement alternatives, conceptual design options, CEQA documentation, and bid and construction support.

Annual Residential Street Rehabilitation
CITY OF COMPTON | COMPTON, CA

Geotechnical Manager. Mr. Henderson provided geotechnical engineering services for the project. The scope of work includes review and analysis of the City's existing Pavement Management Study; research of the City's existing street plan information; performing necessary soil investigations and coring samples; utilities notification and coordination; topographic survey; field review; and improvements to street pavement, street drainage, curb and gutter, sidewalk, and ADA curb ramps.

CONTACT INFO
shafiq.popalzai@nv5.com

EXPERIENCE
21 years

EDUCATION
M.S. Geotechnical Engineering

B.S. Civil Engineering

LICENSES/ CERTIFICATES
Civil Engineer (CA) No. 77336

A. SHAFIQ POPALZAI, PE

Geotechnical/Materials Testing

Mr. Popalzai has over 20 years of experience being closely involved with clients and projects in order to form strong alliances and long-lasting working relationships. His geotechnical-related experience includes a wide variety of projects throughout California. During his career, Mr. Popalzai has worked on roadways, electric and gas lines, water pipelines, residential, commercial, schools, transportation, rail, landslide remediation, and with federal, state, K-14 and local regulatory agencies and forensics projects.

Project Experience

Indian Canyon Stormwater & Road Improvements
PALM SPRINGS, CA

Geotechnical Engineer on Record. This project included the construction of two bridges (crossing over the channel), temporary roads and temporary stormwater rerouting system.

Capital Improvement Projects
CULVER CITY | CULVER CITY, CA

Geotechnical Engineer on Record. Mr. Popalzai worked on capital improvement projects for Culver City that included the following: equipment improvement projects, facilities improvement projects, parking improvement projects, parks & park facilities projects, sewer improvement projects, street & alley improvement projects, technology improvement projects, traffic signal & lighting improvement projects, urban runoff management projects, and other improvement projects.

Culver Boulevard Stormwater Treatment Project
CITY OF CULVER CITY | CULVER CITY, CA

Geotechnical Engineer on Record. The project consisted of two major components. The first major component was the Culver Boulevard Realignment from Sepulveda Boulevard to Elenda Street. The second component was the Culver Boulevard Stormwater Treatment feature, consisting of the construction of a subsurface stormwater treatment capture facility along Culver Boulevard beneath the existing median. The project provided multiple benefits consisting of water quality improvements, sustainable water supply, community enhancement, and safety.

Yucaipa Boulevard Street Improvements
CITY OF YUCAIPA | YUCAIPA, CA

Mr. Popalzai provided technical support to laboratory and field testing and inspection staff for this project. He prepared and reviewed quality-related program documents.

CONTACT INFO
mike.rastegar@nv5.com

EXPERIENCE
16 years

EDUCATION
Associate of Science

LICENSES/ CERTIFICATES
Certified Electronics Technician (ISCET) AC29332

ICC 9056427

LADBS P038531

40-Hr. OSHA Hazwoper

OSHA 10-Hr. Construction Industry Course

ACI

First Aid / CPR

RSO

MIKE RASTEGAR

Geotechnical/Materials Testing

Mr. Rastegar is a detail-oriented Construction Inspector with more than 16 years of public works inspection experience serving as both a resident inspector and a geotechnical and materials deputy inspector. He has completed a wide variety of projects, including both horizontal (street, sewer, water and drainage improvement), and vertical (building and structural improvement) projects.

Project Experience

FY 2020-21 Street Improvements

CITY OF LA HABRA HEIGHTS | LA HABRA HEIGHTS

Special Inspector. Mr. Rastegar provided Special Inspection services for the City's FY 2020-21 Street Improvements project. The scope of work included street reconstruction and resurfacing, installation of AC berms, removal and construction of curb and gutter, utility adjustments, and traffic signage and striping. NV5 also provided geotechnical/materials testing and deputy inspection services for this project.

Crowther Sanitary Sewer Pipeline Replacement

CITY OF PLACENTIA | PLACENTIA, CA

Our team is providing construction management, inspection services and materials testing services for the Crowther Sanitary Sewer Pipeline Replacement project. The scope of work includes replacement of approximately 7,400 LF of gravity sewer pipeline in Crowther Avenue, Placentia Avenue, and Orangethorpe Boulevard, located within the Cities of Placentia and Fullerton. The work involves installation of 15-inch, 18-inch, and 22-inch PVC and fused HDPE sewer pipeline and manholes. NV5 has spearheaded the required coordination to Public Health Department and Golden State Water Company for those areas where the water/sewer separation cannot be met for variances with alternate construction of the sewer pipeline. The work also includes reconnection into all of the existing gravity mains and service laterals with a terminus tie-in connection at the existing Orange County Sanitation District's trunk line on State College Boulevard. The project — which includes a jack and bore encasement crossing underneath the 57 freeway, BNSF ROW, in Caltrans right-of-way — involves coordination with multiple agencies, including Caltrans, the Orange County Sanitation District, Golden State Water, Department of Health Services, the City of Fullerton, and other utility and governmental agencies. Working in high-traffic areas, as well as a jack-and-bore crossing underneath the Orange County Flood Control District's flood control channel and a jack-and-bore crossing underneath the BNSF railroad, and multiple crossings of Southern California Gas Co.'s high-pressure gas feeder, are among the project's challenges. NV5 is providing Construction Management, full-time Inspection and Materials Testing Services for this project.

CONTACT INFO
nona.espinosa@nv5.com

EXPERIENCE
33 years

EDUCATION
B.S. Civil Engineering

LICENSES/ CERTIFICATES
Civil Engineer (CA)
No. 60547

Certificate Erosion Control Compliance with NPDES Phase II - APWA

Certificate Fundamentals of Erosion Control & Rolled Erosion Control Pro - John Towns & Associates, Inc.

AFFILIATIONS
APWA

NONA ESPINOSA, PE

Hydraulics & Hydrology

Ms. Espinosa brings 33 years of experience as a design engineer on numerous water resource projects. She has performed hydrology and hydraulic analysis of storm systems as well as hydraulic calculations to determine pipe size, flow demands, capacities, and other pertinent data for sanitary sewer and water systems. Her designs include erosion control sites, hydraulic structures, sanitary sewer systems, water systems, pump stations, wastewater and drainage systems, and a snow making system.

Ms. Espinosa is skilled in a number of modeling and engineering design programs including AutoCAD, Cybernet, WaterCAD, H2Onet, Flow Master, Culvert Master, StormCAD, XPSWMM, PondPack, HEC-RMS, HEC-RAS, HEC-1, HEC-HMS, HEC-2, FAAST, and Primavera.

Project Experience

Canyon Road Bridge Replacement

TOWN OF MORAGA | MORAGA CA

Ms. Espinosa performed hydrologic/hydraulic engineering services for a bridge replacement project. Canyon Road at the bridge site is classified as an urban minor arterial and provides vehicular and bicycle traffic. No pedestrian access is provided on the existing bridge. The Town proposes to replace the existing bridge with a new clear-span bridge, approximately 120 feet long and 48 feet wide. The new bridge would accommodate two 12-foot travel lanes and two 8-foot wide shoulders on both sides, serving as bike lanes, and one 5-foot wide sidewalk to accommodate pedestrians on the west side of the bridge. Prepared technical memorandum hydrologic and hydraulic assessment for the Canyon Road West Branch San Leandro Creek (Moraga Creek) (Bridge No. 28C0137) under the existing conditions and to present the hydraulic analysis and any unusual aspects of the design that require special attention, and clarify the procedures, methodology, and criteria used in the analysis.

Focused Update to City Drainage Master Plan

CITY OF IMPERIAL BEACH | IMPERIAL BEACH, CA

Ms. Espinosa performed hydrologic/hydraulic engineering services to model the surface drainage system for four localized areas of concern that include the area of 8th Street and Calla Avenue, Georgia Street and East Bound Imperial Beach Boulevard, 11th Street and Ebony Avenue, and Holly and Oneonta Avenue south of Grove Avenue. Reviewed previous storm drainage study report and evaluated and performed hydrology calculations for various storm events. Created the hydraulic model to evaluate the feasibility of constructing a local stormwater pump system to alleviate flooding conditions under design storms, as well as possible diversions, potential for capacity increase, and options for attenuating low-flow events. Low-impact development (LID).

CONTACT INFO
alan.vallow@nv5.com

EXPERIENCE
35+ years

EDUCATION
M.B.A., Emphasis in Organizational Behavior

M.S. Electrical Engineering

B.S. Electrical Engineering, Minor in Economics

LICENSES/ CERTIFICATES
Electrical Engineer (CA) No. 12618

ALAN VALLOW, EE

Mechanical/HVAC/Electrical

Mr. Vallow has more than 35 years of experience providing electrical engineering and construction management services to public and private sector clients. He is experienced working with substation, electric transmission and high-voltage projects, as well as the application of state, federal and local codes, NERC/ FERC, and California Public Utilities Commission regulations for these projects. He has developed and implemented many programs, including arc flash hazard programs and battery storage systems.

Project Experience

Citywide Plan Check Review Services

CITY OF VENTURA | VENTURA, CA

Electrical Plan Reviewer. Mr. Vallow provides electrical plan review services to the City. NV5 is contracted by the City to provide on-call plan check review services, including: Building Code review (plumbing, mechanical, electrical, energy, green, structural, architectural, and accessibility); Fire Code review (fire alarms, fire sprinkler systems); Regional Stormwater requirements (MS-4, SWPPP); Civil (rough grading, fine grading); Public Improvement Plans (water, wastewater, storm drain, public right-of-way improvements); and Zoning review (zoning code compliance).

On-Call Plan Check Services

CITY OF EL MONTE | EL MONTE, CA

Electrical Plan Reviewer. Mr. Vallow provides electrical plan review services to the City. NV5 is contracted with the City to provide plan check/review services and staff support to oversee the construction of various CIP projects and wireless communications facilities. Reviews include grading, soils report reviews, sewer, water, and storm drain improvements, hydrology reports, SWPPPs, Low Impact Development, street improvement plans, parcel/tract maps, easements and lot line adjustments.

On-Call Plan Review and Inspection Services

COUNTY OF SAN BERNARDINO

Electrical Plan Reviewer. Mr. Vallow provides electrical plan review services as part of the NV5 team providing on-call plan review and inspection services for projects located within the County limits. Our team of engineers and plans examiners review single-family residential projects, including new and existing construction, commercial structures, including tenant improvements, new construction, and renovations, and industrial projects. Projects are reviewed for compliance with the current editions of the California Building Code, California Plumbing Code, California Mechanical Code, California Electrical Code, development approvals, and other pertinent local, state, and federal regulations falling within the purview of the Building Official.

CONTACT INFO
daniel.kolimar@NV5.com

EDUCATION
BS, Mechanical Engineering
University of Technology Sydney

EXPERIENCE
10 years

AFFILIATIONS
ASHRAE

Project Management Institute

Engineers Australia

DANIEL KOLIMAR

Mechanical/HVAC/Electrical

Mr. Kolimar has 10 years of engineering practice in the building services industry. His experience of complex projects has provided him with a broad knowledge of mechanical and technology systems. He has worked on numerous projects as part of a multi-disciplinary team which has provided him insight into other services and the opportunities associated with large teams. Daniel's recent experience is in providing solutions addressing each customer's unique needs including energy efficiency, occupant comfort, data acquisition, and control systems integration. This has led to a focus on cost effective measures to reduce his client's energy spend through the use of MBCx, and measurement and verification studies to confirm the achieved energy savings.

Project Experience

City of Henderson BMS Consulting
HENDERSON, NV

This project was carried out in 3 phases over 4 years. In Phase 1, NV5 assisted COH with developing a framework for the controls upgrade. Phase 2 included support with selection of controls vendor, development of the commissioning management for a pilot upgrade project on one building. In Phase 3 NV5 performed commissioning of the upgraded systems and construction management for remaining buildings. Continuous on-going implementation and technical support was provided by conducting regular stakeholder meetings on project progress. Through the final phase of site assessment and commissioning, NV5 was able to identify equipment and system issues and help COH address those through regular meetings.

Glendale Community College
GLENDALE, CA

NV5 performed a controls assessment and building tune-up which has captured approximately $120k worth of savings. The analytics have been used to proactively identify and address controls/equipment issues. Also, KPIs are generated and tracked over time to gauge performance and identify systems requiring the most attention to both improve efficiency and ensure the controls system is fully functional following the defects and liabilities phase.

La Mesa Police Station
LA MESA, CA

MEP and FP provided for the computer room upgrade at the La Mesa Police Station. The existing mechanical system consists of a connection to an air handling system that doesn't provide necessary control. The scope of work for this project is to provide a redundant air-cooled DX mechanical system to maintain space temperature, provision of power to the mechanical system and a new dry fire system. The server room area is approximately 400 SF.

CONTACT INFO
Hung.Nguyen@nv5.com

EDUCATION
Bachelor of Science
Hue University – Vietnam

Diploma of Mechanical Systems Technology
British Columbia Institute of Technology

EXPERIENCE
28 years

AFFILIATIONS
American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE)

HUNG NGUYEN

Mechanical/HVAC/Electrical

Mr. Nguyen has experience designing a variety of correctional, industrial commercial, institutional, healthcare, hotels and large residential buildings. He brings extensive design knowledge and dedication to the fields of practice plumbing, heating, ventilation and air conditioning for various types of buildings.

He specializes in complex designs including new construction; existing building renovations; Design-build, Design-bid-build project delivery; central plant design; California Energy Code analysis; heat gain load calculations; and construction administration. His involvement in projects includes initial design conception through substantial completion of construction.

Project Experience

Hawthorne Police Department IT room upgrade
HAWTHORNE, CA
Mechanical and Electrical services provided for the replacement of the existing AC units.

Westlake Village Park and YMCA
WESTLAKE VILLAGE, CA
The Triunfo YMCA at Westlake Village is a state-of-the-art facility adjacent to the Westlake Village Community Park. The two-story facility includes a 5,000-square-foot multipurpose room, a full-size basketball court, gymnasium and fitness center, and a cafe. MEP, FP and Technology services provided.

City of industry - cNN building renovation
INDUSTRY, CA
Remodel of office spaces, restrooms and IT room inside an existing two-story building. The scope includes the addition of an enclosed lobby. Mechanical and Plumbing services provided.

Los Angeles City College Student Union
LOS ANGELES, CA
MEP services on the new 64,500 sf Student Union. The HVAC system for this project included a custom central VAV air handling unit connected to the campus central heating and cooling plant distribution piping. This project achieved LEED Gold.

CONTACT INFO
julian.palacios@nv5.com

EXPERIENCE
23 years

EDUCATION
M.S. Environmental Engineering

B.S. Civil Engineering

LICENSES/ CERTIFICATES
Civil Engineer (CA) No. 67735

Civil Engineer (Mexico) No. 2760774

Certificate Urban Water Management Plan Training

AFFILIATIONS
American Society of Civil Engineers (ASCE)

JULIAN PALACIOS, PE

Water/Wastewater

Mr. Palacios is an engineering manager with 23 years of experience providing planning, design, construction support services and feasibility studies for water and wastewater treatment, water distribution, wastewater collection, and hydraulic modeling of water and wastewater systems.

Project Experience

Pearl Avenue Sewer Replacement

CITY OF COMPTON | COMPTON, CA

QA/QC Manager. Mr. Palacios is serving as QA/QC Manager for the preparation of updated engineering design plans, specifications and construction cost estimates for the Pearl Avenue Sewer Replacement Replacement. There are 29 plan sheets and a full set of construction specifications prepared in the old CSI format signed and sealed by the City's former Public Works Director from January 2016. The City requested NV5 to perform a constructability review on the existing plans, discuss with the City any cost-savings recommendations, update construction costs estimate, update construction specifications, and incorporate updated underground utility research on the current set of plans. There is an additional reach of 400 LF Pearl Avenue Sewer Additions between Rosecrans Avenue and East Kay Street that are not included in the previous 29 sheets that the City needs to be added to this project.

Lake Boulevard Sewer Improvements

CITY OF OCEANSIDE | OCEANSIDE, CA

Project Manager. Mr. Palacios was responsible to prepare construction documents for a gravity sewer line replacemen. The existing gravity system utilizes an above-ground cast iron pipe supported by concrete pillars to convey wastewater across Buena Vista Creek and connects to a main trunk sewer pipeline. Over the years, the above-ground pipeline has been damaged by floating debris as flow in the creek increases during wet weather conditions. It also contributed to accelerated significant interior corrosion of the cast iron pipe due to off-gassing. The project included rerouting existing 8-inch and 12-inch gravity sewers, a 16-inch force main, and a 6-inch lateral from an adjacent senior community center and reconnecting these pipelines to the proposed 15-inch sewer along Lake Boulevard and College Boulevard. Services included surveying and mapping, hydraulic modeling, geotechnical investigation, environmental documents, coordination with the City of Carlsbad and Caltrans, traffic control plans for surveying and potholing, structural design of a concrete encasement for a shallow culvert crossing, preparation of plans and specifications for pipeline construction, review of closed caption television videos, and construction support services.

Laura Santos

Public Outreach Specialist

Ms. Santos has more than 30 years of experience in community and grassroots outreach and organizing. She has spent much of her career working in communities of need to address equity and justice issues in education, health, poverty, and the environment. Ms. Santos possesses exceptional skills in building strong working relationships with leaders, recruiting and engaging stakeholders, and volunteers. She specializes in developing strategies that inform, educate, build support, and respond to and resolve concerns. She has serves as a Trustee on the Board of Mt. San Antonio College, Irwindale Chamber Board member, President of Irwindale Lions Club and formerly was a Board Member on the Bassett Unified School District.

Years of Experience:
30

EDUCATION

.University of California, Davis

B.A. Political Science, University of California, Los Angeles

tsg Public Relations

Experience

SCAG Enhanced Infrastructure Financing Districts, San Pedro, LAC+USC General Hospital Areas, 2022-23, Community Liaison. Conducts research and bilingual Spanish outreach on land use and infrastructure improvement needs to support establishing Enhanced Infrastructure Improvement Districts the City and County of Los Angeles. Engages with community organizations, stakeholders, and Neighborhood Councils to inform and engage on community improvement priorities using focus groups, briefings, community meetings, and community events.

San Gabriel Valley Council of Governments, SR-57/SR-60 Confluence Project, 2022, Community Liaison. Provides bilingual oral and written communications and outreach for construction of planned freeway improvements and the closure of a local golf course to residents and businesses in 5 cities.

Orange County Transportation Authority, SR-55 Widening Improvements Public Outreach Services, 2021-25, Community Liaison. Performs outreach activities in the Latino residents or businesses in Santa Ana and Tustin impacted by the construction of the freeway improvements. Provides bilingual Spanish interpreting, translated materials and social media support.

LA Department of Water & Power Stormwater Capture Parks Program, 2021-26 Community Liaison. Performs virtual community meeting technical support and bilingual Spanish translation/interpretation of materials and meeting facilitation. Conducts door to door outreach to neighborhoods and businesses impacted by stormwater improvements to promote awareness, address concerns and mitigation needs during construction.

LA County General Hospital Re-Use Feasibility Study - 2020
Stakeholder identification, workshop support, briefings, and community meetings to gain input on alternatives for re-use and social investing tools.

Los Angeles County Safe, Clean Water Program – 2018
Community Liaison. Supported Latino community outreach to business, faith-based, environmental advocacy, civic engagement, community-based organizations, and homeowner associations. Informed public on purpose of program, gathers input on priorities for local water needs, including multi-benefits water projects that clean up stormwater and increase water supply. Plans, schedules, and conducts outreach at local festivals, fairs, 5K runs, farmer's flea markets.

Los Angeles County Parks Needs Assessment Outreach 2015 - 2016
Outreach Manager. Led Latino community outreach and partnership development for the Park Needs Assessment. Coordinated church, business, and political leadership participation, gathered community input on parks plan in communities of high need.

JULIE GILBERT

Principal
Compass Consulting Enterprises

Experience: 30 years
Compass President: 3+ years

SPECIALTY EXPERIENCE

- CEQA/NEPA
- regulatory compliance
- public policy
- public engagement
- project management
- third-party review
- documentation QA/QC

SCOPE TECHNICAL AREA EXPERTISE

- environmental planning
- project management
- NEPA/CEQA lead preparer and Caltrans District 8 environmental team liaison
- NEPA/CEQA document lead author

EXPERIENCE

Magnolia Avenue Bridge Widening CEQA/NEPA Environmental Compliance and Jurisdictional Waters Permitting

City of Corona | July 2020 to Present

Ms. Gilbert is the Project Manager and Lead Preparer, under a subcontract to CNS Engineering, for the City's project to widen the Magnolia Avenue Bridge over the Temescal Wash Channel and its approaches between El Camino Avenue to All American Way, funded through the Federal Transportation Improvement Program. Ms. Gilbert directed all subcontractor work for special studies to be prepared in compliance with NEPA and CEQA and prepared the CEQA Initial Study. Work included development of a detailed Project Description that was used for all project studies, preparing the Preliminary Environmental Study (PES), coordinating the federal and CEQA environmental technical studies, and authoring the CEQA Initial Study/Mitigated Negative Declaration. Her ongoing work includes working with Caltrans District 8 to obtain concurrence on the federal air conformity analysis because the FHWA requirements changed after the PES submittal and during the Project development, and preparing the jurisdictional waters permitting to provide a new storm drain connection to Temescal Wash.

Groundwater Banking Program Site Alternatives Analysis Evaluation

Mojave Water Agency| June 2021 – December 2021

Ms. Gilbert managed various technical experts, as well as prepared the final analysis for nine areas, each between 100 to 2,000 acres in which to develop several State Water Project banking projects for groundwater storage and recovery. Compass evaluated each of the areas as an "opportunities and constraints" analysis using the CEQA Guidelines checklist as a guide for evaluation as to potential environmental impacts. Compass also designed and managed the technical studies which included both literature and field review for biological, cultural, and tribal concerns, and Compass conducted independent database review for agriculture, hazardous waste, faults, liquefaction, and fire hazards. The report was adopted by the MWA board in January 2022, and is being used along side the engineering studies for percolation, geotechnical, and other engineering studies to determine which site(s) would be more suitable for a banking project.

El Rey Crossing Jurisdictional Waters Permitting – On Call Contract

San Bernardino County Flood Control District| July 2021 to February 2022

The San Bernardino County Flood Control District (District) proposed to replace the existing corrugated steel pipe (CSP) arch culvert with a reinforced concrete box culvert at the El Rey Avenue crossing with the 29 Palms Channel located within the city limits of Twentynine Palms (Project) because it had been severely damaged and/or replaced in both 2017 and 2019 due to storm events. The Project required jurisdictional permits from the Lahontan Regional Water Quality Control Board and the CA Dept of Fish and Wildlife (CDFW). Because the CDFW staff assigned to the Project was new and did not fully understand how to read civil engineering plans, Ms. Gilbert worked extensively with the District and the CDFW to prepare a set of plans that clearly delineated the work being performed, defining the existing, disturbed footprint and the proposed new area of disturbance. Additionally, because the channel consists of "sugar sand" where mitigation was not possible, Ms. Gilbert assisted in negotiating a mitigation strategy that would accomplish the CDFW goals, while enabling the District to comply with the requirements.

BACKGROUND

Since 1991, Mrs. Gilbert has been an environmental planner and project manager, with special expertise in CEQA, NEPA, regulatory compliance, communication/facilitation for resolution of environmental issues, and public image management for public works and private development projects. She has authored environmental documentation for a broad variety of projects and acts as a resource person in working with clients, governmental agencies, the community, and decision- makers in finding solutions to complex problems. She also negotiates with regulators at the federal, state and local level. Ms. Gilbert uses her decades of experience to assist clients with projects from conception and early planning to construction monitoring and restoration.

EDUCATION

B.A.
BA, Journalism, Louisiana State University-Baton Rouge

Certificate
Environmental Leadership. Cal State San Marcos, 2014

AFFILIATIONS/ CERTIFICATIONS

AEP
Association of Environmental Professionals

DBE No. 50477
Caltrans - Disadvantaged Business Enterprise (Caltrans)

WBE - 21000304
CA Public Utilities Commission

EXHIBIT B
APPROVED FEE SCHEDULE

(SCHEDULE OF HOURLY LABOR RATES AND REIMBURSABLE)

Fee Schedule

The Schedule of Hourly Rates will remain fixed for the term of the PSA.

ENGINEERING SERVICES	HOURLY RATE**
Principal	$275
Project Manager	$225
Quality Assurance Manager	$205
Traffic Engineer	$225
Senior Structural Engineer	$210
Structural Engineer	$175
Senior Engineer	$165
Senior Designer	$150
Project Engineer	$145
Assistant Engineer	$125
Designer	$125
CADD Technician	$105
Administration	$95
CONSTRUCTION SERVICES	**HOURLY RATE****
Senior Construction Manager	$200
Construction Manager	$185
Senior Office Engineer	$150
Office Engineer	$125
Construction Inspector	$164
Construction Administration	$95
SURVEY SERVICES	**HOURLY RATE****
Engineering Aide/Planning Aide	$97
Project Assistant	$100
Project Administrator	$112
CADD Technician I	$118
CADD Technician II	$138
CADD Technician III	$162
Sr. CADD Technician/Designer	$177
Design Supervisor	$179
GIS Technician I	$115
GIS Technician II	$137
GIS Analyst	$157
Senior GIS Analyst	$189
Junior Engineer/Planner/Scientist/Surveyor	$141
Assistant Engineer/Planner/Scientist/Surveyor	$167
Associate Engineer/Planner/Scientist/Surveyor	$180

Fee Schedule

The Schedule of Hourly Rates will remain fixed for the term of the PSA.

SURVEY SERVICES (CONTINUED)	HOURLY RATE**
Senior Engineer/Planner/Scientist/Surveyor	$197
Manager	$256
Associate	$270
Principal	$290
1-Person Survey Crew (GPS) (Robotic)*	$212
1-Person Survey Crew*	$167
2-Person Survey Crew*	$350
3-Person Survey Crew*	$473
GEOTECHNICAL SERVICES *(a full laboratory fee schedule can be provided upon request)*	**HOURLY RATE****
Administration Staff	$75.00
Field Supervisor	$150.00
CQA Manager	$150.00
Senior CQA Manager	$170.00
Staff Engineer / Geologist	$120.00
Senior Staff Engineer / Geologist	$135.00
Project Manager / Engineer / Geologist	$155.00
Senior Engineer / Geologist	$185.00
Associate Engineer / Geologist	$205.00
Senior Principal Engineer / Geologist	$245.00
Soil / ACI Technician I	$123.00
Field Supervisor	$125.00
ICC Special Inspector I (Concrete, Masonry, Steel, Bolt, Fireproofing)	$125.00
Certified Welding Inspector I	$125.00
NDT Technician	$128.00
Laboratory Technician (Non Field)	$85.00
Ground Penetrating Radar (Technician and Equipment)	$203.00
Coring Equipment Fee	$75.00
Torque/Pull Testing (Technician and Equipment)	$135.00
"Wildcat", 35-lb hammer Dynamic Cone Penetrometer (DCP) with tech	$410.00
Lightweight 5-lb Gas Dynamic Cone Penetrometer (DCP) equip with tech	$200.00
Nuclear Density Gauge	$40.00/day
REIMBURSABLE EXPENSES	**HOURLY RATE****
Reproduction, Agency Fees & Consultant Services	Cost + 15%

* Assumes prevailing wages are applicable for field work.

** Regular rates. Work in excess of 8 hours and work on Saturdays will be billed at 1.5 times the regular rate. Work in excess of 12 hours and work on Sundays and Holidays will be billed at 2 times the regular rate.

H. SCHEDULE OF HOURLY RATES

Public Outreach	Hourly Rate
Public Outreach Specialist	$145.00

COMPASS
Consulting Enterprises, Inc.

PO Box 2627
Avalon, CA 90704
(909) 496-5960

2024-2029 BILLING RATES

Personnel Category Rates Charges will be made at the Category rates set forth for the time spent on project management, consultation or meetings related to the project, field work, report preparation and review, travel time to and from the job site, etc.

Position	Rate per hour
Principal/Project Manager	$185
Senior Regulatory Specialist	$185
CEQA/NEPA Specialist	$185
Public Outreach Specialist	$135
Environmental Field Specialist	$110
GIS Specialist	$120
Environmental Construction Monitor (Daily Flat Rate)	$1,200/Day
Project Analyst	$100
Administrative Assistant	$65

Other Direct Costs: Other Direct Costs (ODC) items will be based on actual costs and supported by historical data and actual receipts. Compass Consulting Enterprises, Inc. will comply with current IRS and Client Rate Standard Schedule for Meals, Travel and Mileage. It should be noted that travel expenses from Avalon to Long Beach as required of the Principal/Project manager is never billed to the customer.

Mark-up Percentage on out-sourced services. Compass does not mark up services. However, hours for subconsultant management is estimated for each project and will be part of the cost estimate.

EXHIBIT C
TERMS FOR COMPLIANCE WITH CALIFORNIA LABOR LAW REQUIREMENTS

1. This Agreement calls for services that, in whole or in part, constitute "public works" as defined in Division 2, Part 7, Chapter 1 (commencing with Section 1720) of the California Labor Code ("Chapter 1"). Further, Consultant acknowledges that this Agreement is subject to (a) Chapter 1 and (b) the rules and regulations established by the Department of Industrial Relations ("DIR") implementing such statutes. Therefore, as to those Services that are "public works", Consultant shall comply with and be bound by all the terms, rules and regulations described in 1(a) and 1(b) as though set forth in full herein.

2. California law requires the inclusion of specific Labor Code provisions in certain contracts. The inclusion of such specific provisions below, whether or not required by California law, does not alter the meaning or scope of Section 1 above.

3. Consultant shall be registered with the Department of Industrial Relations in accordance with California Labor Code Section 1725.5, and has provided proof of registration to City prior to the Effective Date of this Agreement. Consultant shall not perform work with any subconsultant that is not registered with DIR pursuant to Section 1725.5. Consultant and subconsultants shall maintain their registration with the DIR in effect throughout the duration of this Agreement. If the Consultant or any subconsultant ceases to be registered with DIR at any time during the duration of the project, Consultant shall immediately notify City.

4. Pursuant to Labor Code Section 1771.4, Consultant's Services are subject to compliance monitoring and enforcement by DIR. Consultant shall post job site notices, as prescribed by DIR regulations.

5. Pursuant to Labor Code Section 1773.2, copies of the prevailing rate of per diem wages for each craft, classification, or type of worker needed to perform the Agreement are on file at City Hall and will be made available to any interested party on request. Consultant acknowledges receipt of a copy of the DIR determination of such prevailing rate of per diem wages, and Consultant shall post such rates at each job site covered by this Agreement.

6. Consultant shall comply with and be bound by the provisions of Labor Code Sections 1774 and 1775 concerning the payment of prevailing rates of wages to workers and the penalties for failure to pay prevailing wages. The Consultant shall, as a penalty to City, forfeit $200.00 for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the DIR for the work or craft in which the worker is employed for any public work done pursuant to this Agreement by Consultant or by any subconsultant.

7. Consultant shall comply with and be bound by the provisions of Labor Code Section 1776, which requires Consultant and each subconsultant to: keep accurate payroll records and verify such records in writing under penalty of perjury, as specified

in Section 1776; certify and make such payroll records available for inspection as provided by Section 1776; and inform City of the location of the records.

8. Consultant shall comply with and be bound by the provisions of Labor Code seq. concerning the employment of apprentices on public works projects. Consultant shall be responsible for compliance with these aforementioned Sections for all apprenticeable occupations. Prior to commencing work under this Agreement, Consultant shall provide City with a copy of the information submitted to any applicable apprenticeship program. Within 60 days after concluding work pursuant to this Agreement, Consultant and each of its subconsultants shall submit to City a verified statement of the journeyman and apprentice hours performed under this Agreement.

9. The Consultant shall not perform Work with any Subconsultant that has been debarred or suspended pursuant to California Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. The Consultant and Subconsultants shall not be debarred or suspended throughout the duration of this Contract pursuant to Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. If the Consultant or any subconsultant becomes debarred or suspended during the duration of the project, the Consultant shall immediately notify City.

10. Consultant acknowledges that eight hours labor constitutes a legal day's work. Consultant shall comply with and be bound by Labor Code Section 1810. Consultant shall comply with and be bound by the provisions of Labor Code Section 1813 concerning penalties for workers who work excess hours. The Consultant shall, as a penalty to City, forfeit $25.00 for each worker employed in the performance of this Agreement by the Consultant or by any subconsultant for each calendar day during which such worker is required or permitted to work more than eight hours in any one calendar day and 40 hours in any one calendar week in violation of the provisions of Division 2, Part 7, Chapter 1, Article 3 of the Labor Code. Pursuant to Labor Code section 1815, work performed by employees of Consultant in excess of eight hours per day, and 40 hours during any one week shall be permitted upon public work upon compensation for all hours worked in excess of eight hours per day at not less than one and one-half times the basic rate of pay.

11. California Labor Code Sections 1860 and 3700 provide that every employer will be required to secure the payment of compensation to its employees. In accordance with the provisions of California Labor Code Section 1861, Consultant hereby certifies as follows:

> "I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract."

12. For every subconsultant who will perform work on the project, Consultant shall be responsible for such subconsultant's compliance with Chapter 1 and Labor Code Sections 1860 and 3700, and Consultant shall include in the written contract between it and each subconsultant a copy of those statutory provisions and a requirement that each subconsultant shall comply with those statutory provisions. Consultant shall be required to take all actions necessary to enforce such contractual provisions and ensure subconsultant's compliance, including without limitation, conducting a periodic review of the certified payroll records of the subconsultant and upon becoming aware of the failure of the subconsultant to pay his or her workers the specified prevailing rate of wages. Consultant shall diligently take corrective action to halt or rectify any failure.

13. To the maximum extent permitted by law, Consultant shall indemnify, hold harmless and defend (at Consultant's expense with counsel reasonably acceptable to City) City, its officials, officers, employees, agents and independent consultants serving in the role of City officials, and volunteers from and against any demand or claim for damages, compensation, fines, penalties or other amounts arising out of or incidental to any acts or omissions listed above by any person or entity (including Consultant, its subconsultants, and each of their officials, officers, employees and agents) in connection with any work undertaken or in connection with the Agreement, including without limitation the payment of all consequential damages, attorneys' fees, and other related costs and expenses. All duties of Consultant under this Section shall survive the termination of the Agreement.

AGREEMENT NO. _____
PROFESSIONAL SERVICES AGREEMENT
BETWEEN THE CITY OF PICO RIVERA AND
NCM ENGINEERING CORP

1. IDENTIFICATION

THIS PROFESSIONAL SERVICES AGREEMENT ("Agreement") is entered into by and between the City of Pico Rivera, a California municipal corporation ("City") and NCM Engineering Corp, ("Consultant"). City and Consultant are sometimes hereinafter individually referred to as a "Party" and collectively referred to as "Parties."

2. RECITALS

2.1 City has determined that it requires professional services from a consultant to provide on-call engineering services.

2.2 Consultant represents that it is fully qualified to perform such professional services by virtue of its experience and the training, education and expertise of its principals and employees. Consultant further represents that it is willing to accept responsibility for performing such services in accordance with the terms and conditions set forth in this Agreement.

NOW, THEREFORE, for and in consideration of the performance by the Parties of the mutual covenants and conditions herein contained, the Parties hereto agree as follows:

3. DEFINITIONS

3.1 "Scope of Services": Such professional services as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "A" and incorporated herein by this reference.

3.2 "Approved Fee Schedule": Such compensation rates as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "B."

3.3 "Commencement Date" : April 23, 2024

3.4 "Expiration Date" : June 30, 2029

4. TERM

The term of this Agreement shall commence at 12:00 a.m. on the Commencement Date and shall expire at 11:59 p.m. on the Expiration Date unless extended by written agreement of the Parties or terminated in accordance with Section 22 below.

5. CONSULTANT'S SERVICES

5.1 Consultant shall perform the services identified in the Scope of Services. City shall have the right to request, in writing, changes in the Scope of Services. Any such changes mutually agreed upon by the Parties, and any corresponding increase or decrease in compensation, shall be incorporated by written amendment to this Agreement. In no event shall the total compensation and costs payable to Consultant under this Agreement exceed the sum of Two Million Five Hundred Thousand Dollars ($2,500,000.00), unless specifically approved in advance, in writing, by City.

5.2 Consultant shall perform all work to the highest professional standards of Consultant's profession and in a manner reasonably satisfactory to City.

6. COMPENSATION

6.1 City agrees to compensate Consultant for the services provided under this Agreement, and Consultant agrees to accept in full satisfaction for such services, payment in accordance with the Approved Fee Schedule.

6.2 Consultant shall submit to City an invoice, on a monthly basis or less frequently, for the services performed pursuant to this Agreement. Each invoice shall itemize the services rendered during the billing period and the amount due. Within ten (10) business days of receipt of each invoice, City shall notify Consultant in writing of any disputed amounts included on the invoice. Within thirty (30) calendar days of receipt of each invoice, City shall pay all undisputed amounts included on the invoice. City shall not withhold applicable taxes or other authorized deductions from payments made to Consultant.

6.3 Payments for any services requested in writing by City and not included in the Scope of Services shall be made to Consultant by City on a time-and-materials basis using Consultant's standard fee schedule. Fees for such additional services shall be paid within sixty (60) days of the date Consultant issues an invoice to City for such services.

7. BUSINESS LICENSE

Consultant shall obtain a City of Pico Rivera business license prior to commencing performance under this Agreement.

8. COMPLIANCE WITH LAWS

Consultant shall keep informed of State, Federal and Local laws, ordinances, codes and regulations that in any manner affect those employed by it or in any way affect the performance of its services pursuant to this Agreement. Consultant shall at all times comply with such laws, ordinances, codes and regulations. Without limiting the generality

of the foregoing, if Consultant is an out-of-state corporation or LLC, it must be qualified and registered to do business in the State of California pursuant to sections 2105 and 17708.02 of the California Corporations Code. The City, its officers and employees shall not be liable at law or in equity occasioned by failure of Consultant to comply with this Section.

9. CONFLICT OF INTEREST

Consultant covenants that it presently has no interest and shall not acquire any interest, direct or indirect, which may be affected by the services to be performed by Consultant under this Agreement, or which would conflict in any manner with the performance of its services hereunder. During the term of this Agreement, Consultant shall not perform any work for another person or entity for whom Consultant was not working at the Commencement Date of this Agreement if both: (i) such work would require Consultant to abstain from a decision under this Agreement pursuant to a conflict of interest statute; and (ii) City has not consented in writing prior to Consultant's performance of such work.

10. PERSONNEL

Consultant represents that it has, or will secure at its own expense, all personnel required to perform the services identified in the Scope of Services. All such services shall be performed by Consultant or under its supervision, and all personnel engaged in the work shall be qualified to perform such services. Consultant reserves the right to determine the assignment of its own employees to the performance of Consultant's services under this Agreement, but City reserves the right, for good cause, to require Consultant to exclude any employee from performing services on City's premises. Mohan Char, CEO, shall be Consultant's project administrator and shall have direct responsibility for management of Consultant's performance under this Agreement. No change shall be made to Consultant's project administrator without City's prior written consent.

11. OWNERSHIP OF WRITTEN PRODUCTS

All reports, documents or other written material ("written products") developed by Consultant in the performance of this Agreement shall be and remain the property of City without restriction or limitation upon its use or dissemination by City. Consultant may take and retain copies of such written products as desired, but no such written products shall be the subject of a copyright application by Consultant. If any state, federal, or local law requires mandatory copyright protection for Consultant's work product, City shall comply with such laws to the extent feasible.

12. INDEPENDENT CONTRACTOR

12.1 Consultant is, and shall at all times remain as to City, a wholly independent contractor. Consultant shall have no power to incur any debt, obligation, or liability on behalf of City or otherwise to act on behalf of City as an agent. Neither City nor any of its officers, employees or agents shall have control over the conduct of Consultant or any of Consultant's employees, except as set forth in this Agreement. Consultant shall not at any time represent that it is, or that any of its agents or employees are, in any manner employees of City.

12.2 The Parties further acknowledge and agree that nothing in this Agreement shall create or be construed to create a partnership, joint venture, employment relationship, joint-employer relationship, or any other relationship between Consultant or Consultant's employees except as set forth in this Agreement.

12.3 City shall have no direct or indirect control over Consultant's employees or sub-consultants with respect to wages, hours, and working conditions. In addition, City shall not deduct from the Compensation paid to Consultant any sums required for Social Security, withholding taxes, FICA, state disability insurance or any other federal, state or local tax or charge which may or may not be in effect or hereinafter enacted or required as a charge or withholding on the compensation paid to Consultant, Consultant's employees or subconsultants. City shall have no responsibility to provide Consultant, its employees or subconsultants with workers' compensation insurance or any other insurance.

12.4 The Parties further acknowledges the following: (i) that Consultant shall provide the services outlined in the Scope of Services directly to City; (ii) Consultant maintains a business location at the address listed under Section 20 that is separate and distinct from the City; (iii) Consultant contracts with other businesses to provide the same or similar services and maintains a clientele without restriction from the City; (iv) Consultant advertises and holds itself out to the public as available to provide the same or similar services; (v) unless otherwise specified in this Agreement, Consultant provides its own tools, vehicles, and equipment necessary for performing the Scope of Services; (vi) Consultant has proposed and negotiated its own rates; and (vii) consistent with the nature and demands of the project and the City's business hours, Consultant may set its own hours and location of work.

13. CONFIDENTIALITY

All data, documents, discussion, or other information developed or received by Consultant or provided for performance of this Agreement are deemed confidential and shall not be disclosed by Consultant without prior written consent by City. City shall grant such consent if disclosure is legally required. Upon request, all City data and any copies thereof shall be returned to City upon the termination or expiration of this Agreement.

14. NON-LIABILITY OF CITY OFFICIALS AND EMPLOYEES

No official or employee of the City shall be personally liable to Consultant in the event of any default or breach by City, or for any amount which may become due to Consultant.

15. INDEMNIFICATION

15.1 The Parties agree that City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers should, to the extent permitted by law, be fully protected from any loss, injury, damage, claim, lawsuit, cost, expense, attorneys' fees, litigation costs, or any other cost arising out of or in any way related to the performance of this Agreement. Accordingly, the provisions of this indemnity provision are intended by the Parties to be interpreted and construed to provide the fullest protection possible under the law to City. Consultant acknowledges that City would not enter into this Agreement in the absence of Consultant's commitment to indemnify and protect City as set forth herein. Notwithstanding the foregoing, to the extent Consultant's services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.2 To the full extent permitted by law, Consultant shall indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant or any of its officers, employees, servants, agents, or subconsultants in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees. Notwithstanding the foregoing, to the extent Consultant's Services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.3 City shall have the right to offset against the amount of any compensation due Consultant under this Agreement any amount due to City from Consultant as a result of Consultant's failure to pay City promptly any indemnification arising under this Section 15 or related to Consultant's failure to either: (i) pay taxes on amounts received pursuant to this Agreement or (ii) comply with applicable workers' compensation laws.

15.4 The obligations of Consultant under this Section 15 will not be limited by the provisions of any workers' compensation act or similar act. Consultant expressly waives its statutory immunity under such statutes or laws as to City, its officers, agents, employees and volunteers.

15.5 Consultant agrees to obtain executed indemnity agreements with provisions identical to those set forth here in this Section 15 from each and every subconsultant or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. In the event Consultant fails to obtain such indemnity obligations from others as required herein, Consultant agrees to be fully responsible and indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant's subconsultants or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees.

15.6 City does not, and shall not, waive any rights that it may possess against Consultant because of the acceptance by City, or the deposit with City, of any insurance policy or certificate required pursuant to this Agreement. This hold harmless and indemnification provision shall apply regardless of whether or not any insurance policies are determined to be applicable to the claim, demand, damage, liability, loss, cost or expense.

15.7 **PERS ELIGIBILITY INDEMNITY.** In the event that Consultant or any employee, agent, or subconsultant of Consultant providing services under this Agreement claims or is determined by a court of competent jurisdiction or the California Public Employees Retirement System (PERS) to be eligible for enrollment in PERS as an employee of the City, Consultant shall indemnify, defend, and hold harmless City for the payment of any employee and/or employer contributions for PERS benefits on behalf of Consultant or its employees, agents, or subconsultants, as well as for the payment of any penalties and interest on such contributions, which would otherwise be the responsibility of City.

Notwithstanding any other agency, state or federal policy, rule, regulation, law or ordinance to the contrary, Consultant and any of its employees, agents, and subconsultants providing service under this Agreement shall not qualify for or become entitled to, and hereby agree to waive any claims to, any compensation, benefit, or any incident of employment by City, including but not limited to eligibility to enroll in PERS as an employee of City and entitlement to any contribution to be paid by City for employer contribution and/or employee contributions for PERS benefits.

16. INSURANCE

16.1 During the term of this Agreement, Consultant shall carry, maintain, and keep in full force and effect insurance against claims for death or injuries to persons or damages to property that may arise from or in connection with Consultant's performance of this Agreement. Such insurance shall be of the types and in the amounts as set forth below:

16.1.1 Comprehensive general liability, and Umbrella or Excess Liability Insurance covering all operations by or on behalf of Consultant providing insurance for bodily injury liability and property damage liability for the following and including coverage for:

16.1.1.1 Premises, operations, and mobile equipment

16.1.1.2 Products and completed operations

16.1.1.3 Broad form property damage (including completed operations)

16.1.1.4 Explosion, collapse, and underground hazards

16.1.1.5 Personal Injury

16.1.1.6 Contractual liability

in the amount of One Million Dollars ($1,000,000) per occurrence combined single limit; Two Million Dollars ($2,000,000) aggregate for products/completed operation; Two Million Dollars ($2,000,000) general aggregate (General aggregate must apply separately to Consultant's work under this Agreement.); and Five Million Dollars ($5,000,000) umbrella or excess liability.

16.1.2 Automobile Liability Insurance for owned, hired and non-owned vehicles utilized by Consultant, its employees or subconsultants, in the amount of One Million Dollars ($1,000,000) per accident for bodily injury and property damage.

16.1.3 Worker's Compensation Insurance as required by the laws of the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than One Million Dollars ($1,000,000) per accident for bodily injury or disease.

16.1.4 Professional Liability Insurance against errors and omissions in the performance of the work under this Agreement with coverage limits of not less than One Million Dollars ($1,000,000) per occurrence of claim/ Two Million Dollars ($2,000,000) in the aggregate.

16.2 Consultant shall require each of its subconsultants, if any, to maintain

insurance coverage that meets all of the requirements of this Agreement.

16.3 The policy or policies required by this Agreement shall be issued by an insurer admitted in the State of California and with a rating of at least A:VII in the latest edition of Best's Insurance Guide.

16.4 Consultant agrees that if it does not keep the aforesaid insurance in full force and effect City may either: (i) immediately terminate this Agreement; or (ii) take out the necessary insurance and pay, at Consultant's expense, the premium thereon.

16.5 At all times during the term of this Agreement, Consultant shall maintain on file with City's Risk Manager a certificate or certificates of insurance showing that the aforesaid policies are in effect in the required amounts and, for the general liability and automobile liability policies, naming the City as an additional insured. Consultant shall, prior to commencement of work under this Agreement, file with City's Risk Manager such certificate(s).

16.6 Consultant shall provide proof that policies of insurance required herein expiring during the term of this Agreement have been renewed or replaced with other policies providing at least the same coverage. Consultant shall provide such proof to City at least two weeks prior to the expiration of the coverages.

16.7 The general liability and automobile policies of insurance required by this Agreement shall contain an endorsement naming City, its officers, employees, agents and volunteers as additional insureds. All of the policies required under this Agreement shall contain an endorsement providing that the policies cannot be canceled or reduced except on thirty days' prior written notice to City. Consultant agrees to require its insurer to modify the certificates of insurance to delete any exculpatory wording stating that failure of the insurer to mail written notice of cancellation imposes no obligation, and to delete the word "endeavor" with regard to any notice provisions.

16.8 The general liability and automobile policies of insurance provided by Consultant shall be primary to any coverage available to City. Any insurance or self-insurance maintained by City, its officers, employees, agents or volunteers, shall be in excess of Consultant's insurance and shall not contribute with it.

16.9 All insurance coverage provided pursuant to this Agreement shall not prohibit Consultant, and Consultant's employees, agents or subconsultants, from waiving the right of subrogation prior to a loss. Consultant hereby waives all rights of subrogation against the City.

16.10 Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of City, Consultant shall either reduce or eliminate the deductibles or self-insured retentions with respect to City, or Consultant shall procure a bond guaranteeing payment of losses and expenses.

16.11 Procurement of insurance by Consultant shall not be construed as a

limitation of Consultant's liability or as full performance of Consultant's duties to indemnify, hold harmless and defend under Section 15 of this Agreement.

16.12 If Consultant maintains broader coverage and/or higher limits than the minimums shown above, the City requires and shall be entitled to the broader coverage and/or the higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

17. MUTUAL COOPERATION

17.1 City shall provide Consultant with all pertinent data, documents and other requested information as is reasonably available to City for the proper performance of Consultant's services under this Agreement.

17.2 In the event any claim or action is brought against City relating to Consultant's performance in connection with this Agreement, Consultant shall render any reasonable assistance that City may require.

18. RECORDS AND INSPECTIONS

Consultant shall maintain full and accurate records with respect to all matters covered under this Agreement for a period of three years after the expiration or termination of this Agreement. City shall have the right to access and examine such records, without charge, during normal business hours. City shall further have the right to audit such records, to make transcripts therefrom and to inspect all program data, documents, proceedings, and activities.

19. PERMITS AND APPROVALS

Consultant shall obtain, at its sole cost and expense, all permits and regulatory approvals necessary in the performance of this Agreement. This includes, but shall not be limited to, encroachment permits and building and safety permits and inspections.

20. NOTICES

Any notices, bills, invoices, or reports required by this Agreement shall be deemed received on: (i) the day of delivery if delivered by hand, facsimile, email, or overnight courier service during Consultant's and City's regular business hours; or (ii) on the third business day following deposit in the United States mail if delivered by mail, postage prepaid, to the addresses listed below (or to such other addresses as the Parties may, from time to time, designate in writing).

If to City: If to Consultant:

Steve Carmona, City Manager
City of Pico Rivera
PO Box 1016
6615 Passons Blvd.
Pico Rivera, California 90660-1016

Mohan Char, CEO
NCM Engineering Corp
9850 Research Dr.
Irvine, CA 92618

With a courtesy copy to:

Arnold M. Alvarez-Glasman, City Attorney
13181 Crossroads Parkway North
Suite 400 - West Tower
City of Industry, CA 91746

21. SURVIVING COVENANTS

The Parties agree that the covenants contained in Sections 13, 15 and Paragraph 17.2 of Section 17, of this Agreement shall survive the expiration or termination of this Agreement.

22. TERMINATION

22.1 City shall have the right to terminate this Agreement for any reason on five (5) calendar days' written notice to Consultant. Consultant shall have the right to terminate this Agreement for any reason on sixty (60) calendar days' written notice to City. The effective date of termination shall be upon the date specified in the notice of termination. Consultant agrees that in the event of such termination, City's obligation to pay Consultant shall be limited to payment only for those services satisfactorily rendered, as solely determined by the City, prior to the effective date of termination. Consultant agrees to cease all work under this Agreement on or before the effective date of any notice of termination. All City data, documents, objects, materials or other tangible things shall be returned to City upon the termination or expiration of this Agreement.

22.2 If City terminates this Agreement due to no fault or failure of performance by Consultant, then Consultant shall be paid based on the work satisfactorily performed, as solely determined by the City, at the time of termination. In no event shall Consultant be entitled to receive more than the amount that would be paid to Consultant for the full performance of the services required by this Agreement.

23. ASSIGNMENT

Consultant shall not delegate, transfer, subcontract or assign its duties or rights hereunder, either in whole or in part, without City's prior written consent, and any attempt

to do so shall be void and of no effect. City shall not be obligated or liable under this Agreement to any Party other than Consultant.

24. NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY

24.1 In the performance of this Agreement, Consultant shall not discriminate against any employee, subconsultant, or employment applicant because of race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation. Consultant will take affirmative action to ensure that subconsultants, employees, and employment applicants are treated without regard to their race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.2 Consultant will, in all solicitations or advertisements for employees placed by or on behalf of Consultant state either that it is an equal opportunity employer or that all qualified applicants will receive consideration for employment without regard to race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.3 Consultant will cause the foregoing provisions to be inserted in all subcontracts for any work covered by this Agreement except contracts or subcontracts for standard commercial supplies or raw materials.

25. WARRANTIES

25.1 Each Party has received independent legal advice from its attorneys with respect to the advisability of entering into and executing this Agreement, or been provided with an opportunity to receive independent legal advice and has freely and voluntarily waived and relinquished the right to do so. Each Party who has not obtained independent counsel acknowledges that the failure to have independent legal counsel will not excuse such Party's failure to perform under this Agreement.

25.2 In executing this Agreement, each Party has carefully read this Agreement, knows the contents thereof, and has relied solely on the statements expressly set forth herein and has placed no reliance whatsoever on any statement, representation, or promise of any other party, or any other person or entity, not expressly set forth herein, nor upon the failure of any other party or any other person or entity to make any statement, representation or disclosure of any matter whatsoever.

25.3 It is agreed that each Party has the full right and authority to enter into this Agreement, and that the person executing this Agreement on behalf of either Party has the full right and authority to fully commit and bind such Party to the provisions of this Agreement.

26. CAPTIONS

26.1 The captions appearing at the commencement of the sections hereof, and in any paragraph thereof, are descriptive only and for convenience in reference to this Agreement. Should there be any conflict between such heading, and the section or paragraph thereof at the head of which it appears, the section or paragraph thereof, as the case may be, and not such heading, shall control and govern in the construction of this Agreement.

26.2 Masculine or feminine pronouns shall be substituted for the neuter form and vice versa, and the plural shall be substituted for the singular form and vice versa, in any place or places herein in which the context requires such substitution(s).

27. NON-WAIVER

27.1 The waiver by City or Consultant of any breach of any term, covenant or condition herein contained shall not be deemed to be a waiver of such term, covenant or condition or of any subsequent breach of the same or any other term, covenant or condition herein contained. In no event shall the making by City of any payment to Consultant constitute or be construed as a waiver by City of any breach of covenant, or any default which may then exist on the part of Consultant, and the making of any such payment by City shall in no way impair or prejudice any right or remedy available to City with regard to such breach or default. No term, covenant or condition of this Agreement shall be deemed to have been waived by City or Consultant unless in writing.

27.2 Each right, power and remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise shall be cumulative and shall be in addition to every other right, power, or remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise. The exercise, the commencement of the exercise, or the forbearance of the exercise by any Party of any one or more of such rights, powers or remedies shall not preclude the simultaneous or later exercise by such Party of any of all of such other rights, powers or remedies.

27.3 Consultant shall not be liable for any failure to perform if Consultant presents acceptable evidence, in City's sole judgment, that such failure was due to causes beyond the control and without the fault or negligence of Consultant.

28. COURT COSTS AND ATTORNEY FEES

In the event legal action shall be necessary to enforce any term, covenant or condition herein contained, the Party prevailing in such action, whether reduced to judgment or not, shall be entitled to its reasonable court costs, including accountants' fees and expert witness fees, if any, and attorneys' fees expended in such action. The venue for any litigation shall be Los Angeles County, California.

29. SEVERABILITY

If any term or provision of this Agreement or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable, then such term or provision shall be amended to, and solely to, the extent necessary to cure such invalidity or unenforceability, and in its amended form shall be enforceable. In such event, the remainder of this Agreement, or the application of such term or provision to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby, and each term and provision of this Agreement shall be valid and be enforced to the fullest extent permitted by law.

30. GOVERNING LAW

This Agreement shall be governed and construed in accordance with the laws of the State of California.

31. COUNTERPARTS

This Agreement may be signed in any one or more counterparts all of which taken together shall be but one and the same Agreement. Any signed copy of this Agreement or of any other document or agreement referred to herein, or copy or counterpart thereof, delivered by facsimile or email transmission, shall for all purposes be treated as if it were delivered containing an original manual signature of the Party whose signature appears in the facsimile or email and shall be binding upon such Party in the same manner as though an originally signed copy had been delivered.

32. ENTIRE AGREEMENT

All documents referenced as exhibits in this Agreement are hereby incorporated in this Agreement. In the event of any material discrepancy between the express provisions of this Agreement and the provisions of any document incorporated herein by reference, the provisions of this Agreement shall prevail. This instrument contains the entire Agreement between City and Consultant with respect to the transactions contemplated herein. No other prior oral or written agreements are binding upon the Parties. Amendments hereto or deviations herefrom shall be effective and binding only if made in writing and executed by City and Consultant.

[This space is intentionally left blank]

TO EFFECTUATE THIS AGREEMENT, the Parties have caused their duly authorized representatives to execute this Agreement on the dates set forth below.

"CITY" CITY OF PICO RIVERA	"CONSULTANT" NCM ENGINEERING CORP
_____ Andrew C. Lara, Mayor	_____ Mohan Char, CEO
Dated: _____	Dated: _____
ATTEST:	**APPROVED AS TO FORM:**
_____ Cynthia Ayala, City Clerk	_____ Arnold M. Alvarez-Glasman, City Attorney

EXHIBIT A
SCOPE OF SERVICES

Proposal to Provide

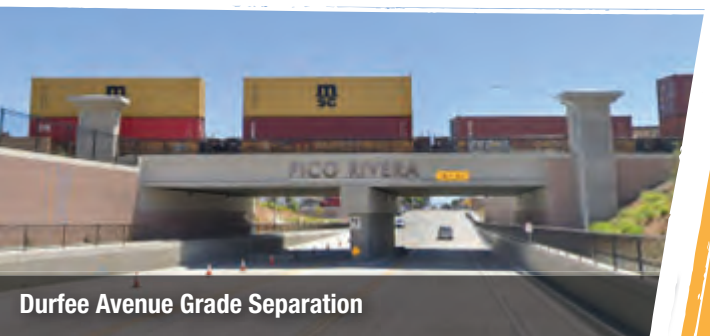
On-Call Engineering Services

Wednesday, February 14, 2024

Temescal Canyon Road Widening Project - Dawson Segment

I-15 Express Lanes Project Design-Build - Santa Ana River Bridge Girder Erection

Telegraph Road Bridge over San Gabriel River



Durfee Avenue Grade Separation

SUBMITTED TO:

CITY OF PICO RIVERA

SUBMITTED BY:

NCM

www.ncmcivil.com

9850 Research Drive, Irvine, CA 92618
Tel: 949.546.0822

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A. LETTER OF OFFER

A. Letter of Offer

Wednesday February 14, 2024

Noe Negrete, PE
Director of Public Works
City of Pico Rivera
6615 Passons Blvd.
Pico Rivera, CA 90670-3658

SUB: Proposals to Provide On-Call Engineering Services

Dear Selection Committee Members:

As a Southern California firm, **NCM Engineering Corp (NCM)** is privileged to submit our proposal to the City of Pico Rivera (City) for Professional Consulting Services for On-Call Engineering Services. Timely and successful delivery of the task orders assigned under this contract is critical to meet the City's commitments to partner agencies, developers, and the public at large. With that in mind, we have assembled a team of highly qualified and committed staff to assist the City and "get projects done". We are excited to present NCM and our group of talented subconsultants (the NCM Team) for the City's On-Call Engineering Services.

NCM thoroughly comprehends City's RFP. We proudly present our qualifications to provide **ON-CALL ENGINEERING SERVICES**. Our team, under the guidance of Project Manager Mohan Char, PhD, PE, is a formidable force of engineers and technical experts. To simplify the review, we've organized our proposal based on the requirements in *Section 12 of the RFP*. NCM stands as the ultimate choice, providing the City with these unique advantages:

MEET MOHAN CHAR, PHD, PE, an accomplished Project Manager with 29 years of experience in planning, engineering, and designing extensive transportation projects. Mohan excels in bringing people together, securing approvals from various public agencies, and fostering collaboration to ensure project success. His expertise spans all facets of wide range of transportation infrastructure projects from conception to completion providing invaluable benefits to all stakeholders involved.

TRACK RECORD OF DELIVERING PROJECTS ON SCHEDULE AND BUDGET . NCM has the knowledge, expertise, and capability to complete Plan Checks and provide City staff support with a variety of tasks and services, lead/support any project development phase (such as Feasibility Studies, Alternatives Analysis (AA), Project Study Report-Project Development Support [PSR-PDS]; Preliminary Engineering Report (PER), Project Approval [PA]/Environmental Document [ED]; Plans, Specifications, and Estimate [PS&E]; EDs; and Technical Studies of bridge and roadway projects). NCM principals and key staff are recognized leaders delivering award winning engineering projects throughout California and have delivered projects for a wide spectrum of clients totaling more than $2 billion in construction costs. We will leverage this significant experience to assist the City with the successful delivery of any task assigned to our team.

STRONG RELATIONS WITH LOCAL AGENCIES, CALTRANS AND STAKEHOLDERS. NCM has a strong history of delivering projects to a multitude of southern California public agencies. We have delivered hundreds of task orders (all phases of design and product development) to Southern California Counties (Orange, Riverside, San Diego, San Bernardino), and Caltrans. Collectively, our team also has strong relations with various regional Cities and other stakeholders (utilities, resource agencies etc.) that will help us provide context-sensitive solutions that build consensus.

If the City has any FHWA Funded projects, they are unique and bring their own set of challenges. The funds are administered through Caltrans Local Assistance and Headquarters, and therefore

thorough understanding of Caltrans processes and how to align them with City requirements is critical for successful and timely delivery. Our proposed Project Mohan Char brings knowledge and a substantial depth of experience, having managed and help deliver over a broad spectrum of federally funded projects for multiple agencies similar in complexity and characteristics of likely City projects.

SKILLED TECHNICAL TEAM. Steve Mislinski, Kimberly Furuyama, Mark Stiller, Nick Haigh, Amit Shah, Ryan Todaro Brian Patschull, Kelly DeWitt, Stephanie Wagner, S. Niranjanan, Edna Jimenez, Lisette Montoya and more, are recongnized technical experts in the Southern California region. We excel at matching the right talents to the right tasks, ensuring commitment and availability for your project. With extensive experience working with the City, County, Caltrans, LA Metro, regional cities, railroads, resource agencies, utilities, and other stakeholders our team brings invaluable insight to City projects. Our track record of on-time, on-budget deliveries speak to our commitment to excellence. Our key staff qualifications are shown in Section C and representative project experience in Section A.

EXPERTISE FROM THE START. Our team possesses in-depth knowledge of City's and key stakeholders' processes, procedures, standards, etc., ensuring a seamless start without any learning delays. This combined with our skilled technical staff creates an ideal recipe for efficient project execution . Our extensive project insight and approach are showcased in Section E.

CLIENT SATISFACTION ABOVE ALL. Our focus is on your satisfaction, not just our internal goals or profits. NCM and our subconsultants boast impeccable project records throughout the region. Our references will attest to our consistent delivery on promises. To showcase our dedication to quality and client happiness, we invite the City to reach out to our client references listed in Section F which includes many City Staff.

Proposed Team and Roles: All proposed subcontarctors and their anticpated proejct roles are indetified in **Figure A-1**.

Proposal Contact: Mohan Char, PhD, PE, CEO; mohan.char@ncmcivil.com; 949.294.7358 (Cell) 9850 Research Drive Irvine CA 92618

Table A-1. Proposed Team Contact Information

Company Name/Contact Person	Address/Phone Number/Email	Project Function
NCM Engineering Corp (SBE) Mohan Char, PhD, PE	9850 Research Drive | Irvine CA 92618 (949) 294.7358 | mohan.char@ncmcivil.com	Prime Consultant
ADVANTEC Consulting Engineers, Inc. (DBE/SBE) Joe El Harake	1200 Roosevelt | Irvine, CA 92620 (949) 861-4999 | jharake@advantec-usa.com	Geometrics, Traffic Engineering, Electrical
Arellano Associates (WBE/DBE/SBE) Genoveva L. Arellano	5851 Pine Avenue, Suite A, Chino Hills, CA 91709 (909) 627-2974 | (909) 628-5804 garellano@arellanoassociates.com	Public Outreach
Diaz•Yourman & Associates (MBE/DBE/SBE) S. Niranjanan, PE, GE	1616 East 17th Street | Santa Ana, CA 92705 (714) 245-2920 | niranjan@diazyourman.com	Geotechncial, Hazardous Waste
Tatsumi & Partners, Inc. (SBE, DBE, MBE, SB(Micro)) Michael Aceves	49 Discovery, Suite 120 | Irvine, CA 92618 (949) 453-9901 | michael@tatsumiandpartners.com	Landscape Architecture
GPA Consulting, Inc. (WBE/DBE/SBE) Richard Galvin	201 Nevada Street, Suite B | El Segundo, CA 90245 (310) 792-2690 x102 | richard@gpaconsulting-us.com	Environmental
Transystems (OPC) Mark La Bonte, SR/WA	3750 Schaufele Avenue, Suite 150 Long Beach, CA 90808 (949) 268-5701 | mlabonte@opcservices.com	Right-of-Way Support and Utility Coordination

Table A-1. Proposed Team Contact Information (Continued)

Parsons Transportation Group, Inc. Chris A. Johnson, PE	100 W. Walnut Street | Pasadena, CA 91124 C 949.333.4494 | 626.440.2008 chris.a.johnson@parsons.com	Roadway Support, Drainage, Water Quality, Hydraulic/Hydrology
Advanced Avant-Garde Corporation (DBE, SBE, MBE, WBE) Ana Marie LeNoue	807 S. Lemon Ave, Diamond Bar, CA 91789 (714) 401-9362 | alenoue@agi.com	Grant Writing/ Contract Administration
Wagner Engineering & Survey, Inc. (WBE/DBE/SBE) Stephanie A. Wagner, PE, PLS	17134 Devonshire Street, Suite, 200 Northridge, CA 30125 (818) 892-6565 | stephaniew@wesinc.org	Land Surveying Services

Addenda Acknowledgment: There were no addenda issued on this RFP. NCM acknowledges receipt of: Q and A Set 1 for On-call Engineering Services (PR-RFP-037) dated Feb 05, 2024 and Q and A Set 2 for On-call Engineering Services (PR-RFP-037) dated Feb 06, 2024.

NCM states that as primary Consultant NCM intends to perform the agreement as a single proposer and will bear sole and complete responsibility for all work as defi ned in the RFP and in the agreed upon resultant Agreement, even if any of the work is performed by a sub- Consultant approved by the CITY. NCM's proposal shall remain valid for a period of not less than 90 days from the date of submittal.

As NCM's CEO, I have the authority to bind the firm to the terms of the proposal and to commit sta ffi ng resources for the duration of this contract. My signature below certifies that NCM has reviewed the RFQ and Addenda and that the information in this Proposal is true and accurate as of this date. NCM takes no exception to all the insurance requirements and will meet them, and we will execute the contract if selected. NCM Team is committed to providing the services identified i n this proposal. We look forward to the opportunity to continue to provide professional services to the City.

Sincerely, On behalf of NCM,

Mohan Char, PhD, PE, CEO

B. QUALIFICATIONS OF THE FIRM

B. Qualifications of the Firm

This section of the Proposal shall explain the ability of the Consultant to satisfactorily perform the Scope of Work. More specifically, in this section, the Consultant shall:

- Provide a profile of the Consultant including the types of services offered; the year founded; form of organization (corporate, partnership, sole proprietorship); number, size and location of offices; number of employees.
- Provide a detailed description of Consultant's financial condition, including any conditions (e.g., bankruptcy, pending litigation, outstanding claims in excess of twenty-five thousand dollars ($25,000) for or against the firm; planned office closures or mergers that may impede Consultant's ability to provide on-call engineering and professional consulting services.
- Provide a list of previous projects in which the Consultant and subconsultants have worked together. The list should clearly identify the previous projects and include a summary of the roles and responsibilities of each party.
- Provide information on the strength and stability of the Consultant; current staffing capability and availability; current work load; and proven record of meeting schedules on similar types of projects.

Experience of The Firm

Knowledge, Skill, and Experience in Successfully Performing Past Contracts of Similar Nature and Complexity

The NCM Team has delivered well over 150 task orders small and large, throughout Southern and Central California for Counties (Riverside, San Bernardino, San Diego, Orange, Tulare, Kings, Kern), and Caltrans (District 5, 6, 7, 8, 9, 10, 11, 12, and HQ) along with some of the most complex transportation projects. From this experience, we have developed an optimum approach to provide on-call contract professional services. We will leverage this experience for quick task order start-ups and delivery of projects moving beyond identifying problems to offer informed and innovative solutions to meet your objectives. It takes more than resources to execute an on-call contract; it takes trust and the ability to perform on small and large projects. This can only be gained through experience and staff that are available, ready to jump in, and have supported on-call contracts for major transportation agencies. In the selected projects experience provided at the end of this section in **Figures B-2 and B-3**.

Proven and Qualified Team

Timely and successful completion of the various project phases requires a strong project manager, qualified technical resources, in-depth knowledge, thorough understanding of the City's and stakeholders' project approval processes, and strong relations with the City, County, Caltrans, regional cities, and other stakeholders. NCM offers what is critical to success including the necessary resources, City experience, proven technical approach and extensive stakeholder expertise.

At the core of this project's leadership stands NCM, assuming the pivotal role of

Types of Services

Transportation Planning

- Project Development
- Planning
- Grant Writing
- Design
- Project Management
- Technical Services

Highways/Roadways/Civil

- Freeways
- Highways
- Expressways
- Freeway Interchanges
- Arterial, Local, Collector Streets
- Sidewalks
- Bike Lanes
- ADA Improvements
- Civil design
- Utility Coordination
- Drainage
- BMPs
- Storm Water Quality
- Hydraulics
- Hydrology
- Scour Analysis

Structures

- Bridges (Highway/Railroad)
- Retaining Walls
- Advanced Structural Analysis
- Bridge Preventive Maintenance Program
- Bridge Inspection
- Bridge Program Development
- Specialty Structures

Prime Consultant. As the singular point of accountability to the City, NCM shoulders the weight of contractual, administrative, managerial, and technical responsibilities with unwavering dedication.

NCM Engineering Corp
Prime Consultant

Established in 2012 as a dynamic planning and engineering entity, NCM resonates as a cornerstone of excellence. NCM specializes in professional planning and design services to distinguished agencies like Caltrans, Metropolitan Planning Organizations, and an array of public agencies including counties and local municipalties across California. Our prime area of expertie is in the realm of transportation infrastructure.

The embodiment of our firm rests in our distinguished Principals, individuals acclaimed as industry veterans. Their adept stewardship has resulted in successful completion of an array of major transportation infrastructure engineering endeavors throughout California, collectively amassing a construction value exceeding $2 billion.

Within a mere decade, NCM has transcended into an iconic Small Business Enterprise, consistently outshining national giants across a diverse clientele in California This meteoric rise can be attributed to NCM's hallmark reputation for delivering design excellence, ingenious innovations, and an unswerving commitment to timely and budget-compliant project execution. The pledge to uphold our legacy of distinction is etched into NCM's ethos. NCM's pledge to confront intricate project challenges head-on, rendering eff effective and innovative solutions strengthened by our reservoir of knowledge, expertise, and exceptional staff resources. NCM comes fortified with a substantial dossier of achievements, punctuated by the successful culmination of all phases of projects comparable in scale and intricacy to the very heart of the City's On-Call Engineering Services. Our experience navigates through a wide range of transportation projects, fostering an intimate understanding of Caltrans, LA Metro, County of Los Angeles, and an array of other pertinent agency design standards, policies, procedures, and guidelines. NCM Team's experience summary is showcased in **Table B-2**.

Table B-1 provides all the relevant company data that the City is requesting as part of the RFP process.

NCM is supported by 10 subconsultants, and they have been a key part of NCM's successful portfolio of projects (past and ongoing) which includes As-Needed/ On-Call or Stand- Alone projects.

NCM Team's deep involvement with Counties, Caltrans, and other local agencies in the region on a multitude of on-call contracts gives us the strategic advantage of treasure trove of knowledge, which translates to a clear head start resulting in specific cost and schedule savings.

Availability

Key staff availability is shown in each team member's resume (**Appendix A**) and in **Table C-2.** In many cases the key staff are committing most of their availability to Telegraph Road Over San Gabriel River Bridge project. This level of availability is critical for the success of this project. The success drivers for a Project Manager — direct involvement, proactive delivery, visibility with stakeholders, responsiveness, and open communication — are possible if a project manager is not over extended. With successful completion of several projects, our Project Manager, Technical Leads, and Design Support Leads will be readily available to make this project their primary focus. Our Project Manager, Mohan Char, and our key Staff, have a high average availability to lead this project. The NCM team is committed to working collaboratively with the CITY and the stakeholders to deliver high quality PS&E documents.

Record of Related High-Quality Services

NCM's mission statement is "Place the interests of clients and projects above everything, including our bottom line." Strict adherence to spirit of this statement combined with our responsiveness, quality work, and consistently meeting or beating project schedules while

staying within negotiated budgets has helped NCM to achieve the stellar success in a short span of 10 years. We encourage the City to contact the references listed on the following pages, in **Table F-1** that can vouch for NCM's performance on their projects. Demonstrated experience in projects with similar scope elements for NCM Team are listed in **Table B-2.** Description of representative comparable and similar project/contracts are highlighted in **Table B-3**.

Figure B-1. Company Data

1. Official name and address:	**NCM Engineering Corp** 9850 Research Drive, Irvine, CA 92618
2. Indicate what type of entity (corporation, company, joint venture etc.).	C Corporation
3. Federal Employer I.D. Number.	46-1487149
4. The address, telephone numbers and fax numbers of each of your firm's locations.	**Irvine:** 9850 Research Drive, Irvine, CA 92618 Tel: 949.294.7358 | Fax: 951.459.3064 **(9 employees)**
	Corona: 4740 Green River Road, Suite 218, Corona, CA 92878 Tel: 909.234.2001 | Fax: 951.459.3064 **(8 employees)**
	San Diego: 8525 Gibbs Drive, Ste 202 | San Diego, CA 92123 Tel: 858.414.7803 | Fax: 951.459.3064 **(5 employees)**
	Central California: 1322 E. Shaw Avenue, Ste 340 | Fresno, CA 93710 | Tel: 559.492.3016 | Fax: 559.492.3539 **(6 employees)**
	Northern California: 11246 Gold Express Drive, Suite 99 | Gold River, CA 95670 | Tel: 916.706.1646 | Fax: 916.706.3528 **(7 employees)**
5. A detailed statement indicating whether Proposer is totally or partially owned by another business organization or individual.	All ownership is within NCM. NCM is not totally or partially owned by another business, organization, or individual.
6. Number of years Proposer has been in business under the present business name.	NCM in business for 11 Years 3 Months
7. Number of years of experience the Proposer has had in providing required, equivalent, or related services.	NCM has more than eleven (11) years of experience in providing the required services. Key staff have average of more than 25 years providing the required services.
8. Any failures or refusals to complete a contract and explanation.	NCM has no failed/refused contracts
9. Financial Condition.	NCM has enjoyed steady growth with both new clients and projects in Transportation Engineering. This growth has been accompanied by consistent profitability, resulting in strong financial health and resiliency. NCM has built our financial capacity on a foundation of conservative business practices that ensure that we will be here to serve our clients for the long term. There are currently no conditions no offce closures, mergers, or pending litigation) that may impede on NCM' ability to complete this project.
10. Litigation/Adverse Judgement History.	None
11. Termination of Contract "For Cause" History.	None

Table B-2. Demonstrated Experience and Similar Scope of Work Elements

Detailed Project Descriptions of selected projects are provided in the next Table (**Table B-3**)

	CLIENT - PROJECT NAME	PROJECT KEY ATTRIBUTES																																
		ROLE & PROJECT FUNDING			PROJECT PHASE		ENV DOC & PERMITS			STAKEHOLDERS							SCOPE ELEMENTS																		
		PRIME [P] OR SUB [S]	FEDERAL	STATE/LOCAL	PROJECT INITIATION DOCUMENT (PID), PSSR, PSR, PR (OR EQUIVALENT FOR LOCAL AGENCIES)	PS&E, BID & CONSTRUCTION SUPPORT	NEPA	CEQA	RESOURCE AGENCY PERMITS	RCFC&WCD	CALTRANS	OTHER COUNTIES AND CITIES	RESOURCE AGENCIES	RAILROADS	UTILITIES	ROADWAY	STRUCTURES	TRAFFIC ENGINEERING	DRAINAGE	HYDRAULICS AND SCOUR	WATER QUALITY	GEOTECHNICAL	HAZARDOUS WASTE	SURVEYING	RIGHT-OF-WAY	CLOSURE	DETOUR/STAGING	LANSCAPING AND AESTHETICS
NCM'S EXPERIENCE	RCTD - Environmental and Engineering On-Call Services	[P]	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X		X	
	RCTD - On-Call Engineering Services for Roadway/Highway Engineering	[P]	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X		X	X
	COSD - As- Needed Engineering Services for FHWA Funded Projects	[P]	X	X	X	X	X	X	X			X	X	X	X	X	X	X		X		X	X	X		X	
	COSD - As-Needed Engineering, Project Management and Land Surveying Services	[P]	X	X		X	X	X	X		X	X	X	X	X	X	X	X	X		X		X	X	X		X	
	OCPW - On-Call Architect Engineer (A-E) Services - Professional Engineering Services	[P]		X		X		X	X			X			X		X					X		X	X			X
	OCPW - Bridge and Traffic Engineering Services	[P]		X		X		X	X			X			X		X					X		X	X			X
	OCPW - On-Call Project Management and Engineering Services	[P]		X		X		X	X			X			X		X					X		X	X			X
	OCPW - Qualified Vendor List (QVL) for On-Call Roadway and Bikeway Engineering Services	[P]		X		X		X	X			X			X		X					X		X	X			X
	OCPW - On-Call Bridge Design Services (2020)	[P]		X		X		X	X			X			X		X					X		X	X			X
	Caltrans on-Call Highway Design, Project Development & Construction Services	[P]	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
	Caltrans Multi-Phase Project Specific Design Services	[P]	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X		X	X	X	X	X
	RCTD - Temescal Canyon Road - Dawson Canyon	[P]	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X
	RCTD - Temescal Canyon Road - Dos Lagos	[P]	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X
	RCTD - Temescal Canyon Road - El Cerrito Segment	[P]	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X
	RCTC - I-15 Express Lanes Design-Build	[S]	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X
SUBCONSULTANT EXPERIENCE	RCTD - On-Call Surveying Services	[P]														X	X						X				
	Caltrans District 8 (08A3201) On-Call Right-of-Way Engineering	[P]	X	X											X	X								X			
	RCTD - On-Call Traffic Engineering Services	[P]															X										
	Desert Hot Springs - Traffic Signals Upgrade (HSIP Cycle 9)	[P]															X										
	RCTD - Gilman Springs Road Widening	[S]	X	X						X	X		X		X	X	X	X	X	X	X	X	X	X	X	X	
	Caltrans District 8 - Project Specific On-Call Design: I-40 Median Regrade (PM R25.0/ R50.0)	[P]	X	X	X	X																					
	SBCTA - I-10 Express Lanes, Phase 1 & 2	[P]																						X			

Table B-3. Representative Comparable and Similar Project/Contract Descriptions and References.

Riverside County Transportation Department, On-Call Services Agreements (Riverside County, CA)
1) Federal, Environmental and Engineering On-Call Services (Contract No. 15-07-003)
2) Non-Federal, On-Call Engineering Services for Roadway/Highway Engineering (Contract No. 19-07-003)

1. Federal, Environmental and Engineering On-Call Services: County of Riverside selected NCM as one of the top 4 firms for providing on-call environmental and engineering services Capital Improvement Program's (CIP) FHWA funded projects whose value is $0.5M per year for 3 years and later was extended by another 2 years because of outstanding work of NCM. Furthermore, based on the ranking on this on-call services contract County selected NCM to provide engineering and environmental services for 2 Segments of Temescal Canyon Road project which NCM Team completed in a record time of less than 15 months to meet the funding sunset deadlines. Project work under this contract were delivered through project specific task orders. Tasks consisted of a wide variety of project types ranging from preliminary engineering to environmental to PS&E to bid and construction support to as-built plans preparation.

NCM's Scope of Work: Below is a summary of 11 task orders and 2 Stand-Alone executed and successfully delivered under this contract.

- **Task Order No. 1:** Grapefruit Boulevard ATP – Engineering and Environmental.
- **Task Order No. 2 & 6:** Alessandro Boulevard Retaining Walls – PS&E and Additional Engineering Services
- **Task Order No. 3:** Grapefruit Boulevard ATP – Environmental ISA Technical Study.
- **Task Order No. 4:** Temescal Canyon Road Widening – El Cerrito Segment – Design Studies
- **Task Order No. 5:** Grapefruit Boulevard ATP – Environmental Permitting.
- **Task Order No. 7**: Scott Road Interchange Project – Independent Quantity Take-Off s and Verification of Unit Prices
- **Task Order No. 8:** Grapefruit Boulevard ATP – Traffic Signal and Striping Plans, Potholing, Pavement Rehabilitation Extra Work
- **Task Order No. 9:** Preliminary Engineering and Environmental for the Gilman Springs Road Highway Safety Improvement Project
- **Task Order No. 10:** Peer Review of Salt Creek Trail Plans
- **Task Order No. 11:** Preliminary Engineering Services for the Cabazon Safe Routes to School Sidewalk Improvements
- **Stand Alone Projects:** PAED, PS&E and Bid & Construction Support, Temescal Canyon Road Improvement (Dos Lagos Segment and Dawson Canyon Segment)

2. Non-Federal, On-Call Engineering Services for Roadway/Highway Engineering: NCM bested several national firms and was selected as the top ranked firm on this procurement. This contract is $3.5M over 5 years. As with the federal contract, project work under this contract were delivered through project specific task orders. Tasks consisted of a wide variety of project types ranging from preliminary engineering to environmental to PS&E to updating County Road Standards to bid and construction support.

NCM's Scope of Work: As the prime consultant, NCM is responsible for task order execution, managing, overseeing, designing, and delivering the following task orders encompassing a broad spectrum of project types.

- **Task Order No. 1:** Ordinance 461 –County Standard Drawings and Specifications Update
- **Task Order No. 2, 9, 11,13 & 16:** Pauba Road Widening – Via Del Monte to Butterfield Road
- **Task order No. 3:** Ordinance 461 - Ordinance 461 – Development of Additional County Standard Drawings
- **Task Order No. 4:** Grapefruit Boulevard ATP – Supplemental Construction Support
- **Task Order No. 5:** Brennan Property on Viejo Drive Drainage Repair – Geotechnical Engineering
- **Task Order No. 6, 10, 12, 14, 17:** Gilman Springs Road Highway Safety Improvement Project PAED (Continuance) and PS&E
- **Task Order No. 7, 8:** Cabazon Safe Routes to School Sidewalk Improvements – Bid & Construction Support
- **Task Order 15:** Ontario Ave Resurfacing
- **Stand Alone Project:** PAED, PS&E and Bid & Construction Support, Temescal Canyon Road Improvement – El Cerrito Segment

Agency Contact:

Catherine Wampler, PE | Engineering Project Manager
RCTD | 951.955.6803 | cwampler@rivco.org

Cesar Tolentino, PE | Engineering Project Manager |
RCTD | 951.955.1520 | ctolentino@rivco.org

Alfredo Martinez, PE, Engineering Project Manager |
RCTD | 951.955.0086 | almartin@rivco.org

Budget and Schedule - *All task orders have been delivered or on track to be delivered on schedule and within negotiated budget.*

Table B-3. Representative Comparable and Similar Project/Contract Descriptions and References. *(Continued)*

San Diego County On-Call Services Contracts
(San Diego County, CA)

1) As-Needed Engineering Services for FHWA Funded Projects (Contract No. 550261)
2) As-Needed Engineering, Project Management and Land Surveying Services (Contract No. 561886)

NCM was the top ranked firm in this procurement which involved providing as needed engineering services related to County's Capital Improvement Program (CIP) FHWA funded projects (contract value $5.25M over 5 years) . NCM was again selected as the top ranked firm in this new procurement which involved providing as needed engineering services (contract value $5.25M over 5 years) related to County's Capital Improvement Program (CIP) of non-federally funded projects. Task Orders under both contracts were delivered or are ongoing through project specific task orders encompassing a wide variety of project types. Based on NCM's performance on these task orders the County continues to issue additional task orders.

NCM's Scope of Work: In these two contracts, NCM has received 40 Task Orders and all of the federal contract task orders have been completed (16 Task Orders). Most of the non-federal contract task orders (17 Task Orders) have also been successfully delivered. There are only six remaining task orders that are currently in progress and are anticipated to be finished by the end of this year or early next year. Additionally, we expect to receive more task orders in the upcoming Fiscal Year starting on April 01, 2024. These projects involve various phases such as PAED, PS&E, Bid & Construction Support, encompassing Roadway/Civil/Bridge projects, staff augmentation, public outreach, and grant application support.

Agency Contact:

Chris Hanger | Program Manager |San Diego County DPW-CIP| 858.869.5815|christopher.hanger@sdcounty.ca.gov

Jim Bolz, PE, PMP | Project Manager | San Diego County DPW-CIP | 619.756.4199 | james.bolz@sdcounty.ca.gov

Orange County Public Works (OCPW) On-Call Contract
(Orange County, CA)

1) On-Call Bridge Design Services
2) Qualified Vendor List (QVL) for A-E Road, Bridge and Traffic Engineering Services
3) On-Call Project Management and Engineering Services
4) Engineering Services On-Call for the Capistrano/Surfside Inn Pedestrian Overcrossing
5) Qualified Vendor List (QVL) for On-Call Roadway and Bikeway Engineering Services
6) On-Call Bridge Design Services

NCM has been awarded six on-call and stand-alone contracts with OCPW since 2016. Task orders include general review/support, project development and PS&E for road, bridge, and traffic capital improvement projects. To date, NCM has executed over 20 task orders on the multiple task orders with OCPW.

NCM's Scope of Work: As the prime consultant on these on-call and QVL contracts, NCM was responsible for task order execution, managing, overseeing, designing, and delivering on-call tasks. While primarily focused on bridge and structure scopes, these tasks also include capital management support, feasibility studies, roadway, design, signing/striping, drainage and hydraulics, geotechnical, coordination with numerous third parties and utilities, and environmental documentation and permitting. Under one task order, NCM developed a County-wide structural asset inventory maintenance database and plan, including inspections, cost estimating, and integration with County asset management software. The County has issued multiple task orders to NCM for development of PS&E packages to implement bridge preventive maintenance activities identified in the maintenance database.

Agency Contact:

Co Phung, PE | Project Manager | Orange County Public Works | 714.245.4594 | co.phung@ocpw.ocgov.com

Caltrans On-Call Contracts (Statewide, CA)

1) Caltrans On-Call Highway Design, Project Development & Construction Services (Contract Nos. 06A2032, 06A033, 06A2419, 06A2438, 06A2655, 06A2667, 06A2761, 09A0750, 09A0884, 59A1069, 59A1156)
2) Caltrans Corporate Product Development Materials (Contract No. 59A0948)
3) Caltrans Multi-Phase Project Specific Design Services (Contract No. 07A4551)

These on-call contracts include Project Development, Design and Construction Services, Corporate Product Development Materials, Multi-Phase Project Specific Design Services for projects in Districts 6, 7, 9, 10, and 59 (HQ Structures). NCM was ranked as the top firm on these contracts and has proven convincingly that they are a top tier in the State of California. Since 2016 NCM successfully delivered over 100 task orders issued under these contracts..

NCM's Scope of Work: The representative task orders encompassed the following: staff augmentation assignments, peer review of Caltrans designed roundabouts, SR-198 Median Barrier and Shoulder Widening, SR-168 Gore Paving Improvements, SR-198 Roadway Rehabilitation and Shoulder Widening, SR-216 Landscape Construction Support Services. SR-198 MVP, Gore Paving and Slope Paving Improvements and I-5 Roadway Rehabilitation, final design, development of PS&E and construction support for installation of concrete and high tension cable median barriers, roadway rehabilitation, shoulder widening to obtain standard shoulder widths, maintenance improvements, such as gore paving, new MVPs and slope paving; guardrail upgrades, hydraulics analysis and drainage design; relocation of ramp metering equipment, modification of traffic signals and other electrical systems and associated work, I-5 MVP and Gore Paving Improvements, I-205 MVP, Gore Paving and Slope Paving Improvements, Routes 4 & 26 Rumble Strips, and Route 41 Drainage Restoration, final design, development of PS&E and construction support for improvements on I-5 from Charter Way to Eight Mile Road that include 27 new MVPs and 34 gore paving locations and associated work.

Agency Contact:

Stephie Rodriguez, PE, Contract Manager, Caltrans District 6 | 559.243.3472 | stephanie.rodriguez@dot.ca.gov

Randi Chegwidden, PE, Contract Manager, Caltrans District 9 | 760.872.5250 | randi.chegwidden@dot.ca.gov (D9)

Trichelle Suntrapak, PE, Contract Manager, Caltrans District 10 | 59.230.3150 | trichelle.suntrapak@dot.ca.gov

Elias Kurani, PE, Office Chief, Caltrans DES | 916.227.8070 | elias.kurani@dot.ca.gov

Janice Lu, PE, Project Manager, Caltrans D7 PPM | 213.215.2393 | Janice.lu@dot.ca.gov

The following list of representative previous projects in which NCM and subconsultants have worked together.

1) Telegraph Road Over San Gabriel River Bridge Replacement, Pico Riveral, CA
NCM - Prime; Subs: Parsons - Drainage, Hydraulics and Hydrology; GPA - Environmental, Advantec -Traffic Engineering; DYA - Geotech; AA - Public Outreach, Wagner - Surveying; TranSystems - Utilities

2) RCTD | Temescal Canyon Road - El Cerrito
NCM - Prime; DYA - Geotechnical; TranSystems - Right of Way

3) I-605/I-5 CIP
Parsons - Prime; NCM - Structures; GPA - Environmental

Budget and Schedule - *All task orders have been delivered or on track to be delivered on schedule and within negotiated budget.*

C. PROPOSED STAFFING

C. Proposed Staffing

This section should identify key personnel to be assigned and their qualifications and experience.

- The Proposal should include brief resumes, not more than two (2) pages for each individual.
- A statement that key personnel will be available to the extent proposed for the duration of the Professional Services Agreement and an acknowledgement that no person assigned to a project shall be removed or replaced without the prior written concurrence of the AGENCY.

Experience of the Team

Knowledge, Skill, and Experience in Successfully Performing Past Contracts of Similar Nature and Complexity

The NCM Team has delivered well over 200 task orders small and large, throughout Southern and Central California for Counties (Riverside, San Bernardino, San Diego, Orange, Tulare, Kings, Kern), and Caltrans (District 5, 6, 7, 8, 9, 10, 11, 12, and HQ) along with some of the most complex transportation projects. From this experience, we have developed an optimum approach to provide on-call contract professional services. We will leverage this experience for quick task order start-ups and delivery of projects moving beyond identifying problems to offer informed and innovative solutions to meet your objectives. It takes more than resources to execute an on-call contract; it takes trust and the ability to perform on small and large projects. This can only be gained through experience and staff that are available, ready to jump in, and have supported on-call contracts for major transportation agencies. In the selected projects experience provided in Section B.

Proven and Qualified Team

Timely and successful completion of the various project phases requires a strong project manager, qualified technical resources, in-depth knowledge, thorough understanding of the County's and stakeholders' project approval processes, and strong relations with the County, Caltrans, and other stakeholders. NCM offers what is critical to success including the necessary resources, County experience, proven technical approach and extensive stakeholder expertise.

NCM is supported by 10 subconsultants, and they have been a key part of NCM's successful portfolio of projects (past and ongoing) which includes As-Needed/ On-Call or Stand- Alone projects.

NCM Team's deep involvement with Counties, Caltrans, and other local agencies in the region on a multitude of on-call contracts gives us the strategic advantage of treasure trove of knowledge, which translates to a clear head start resulting in specific cost and schedule savings.

Team Organizational Chart

Our team structure is shown in **NCM Team Project Organizational Chart** in **Figure C-1** depicting the relationships between NCM, team members, and subconsultants.

Key Personnel

Technical Staff that is Innovative, Experienced, And Committed

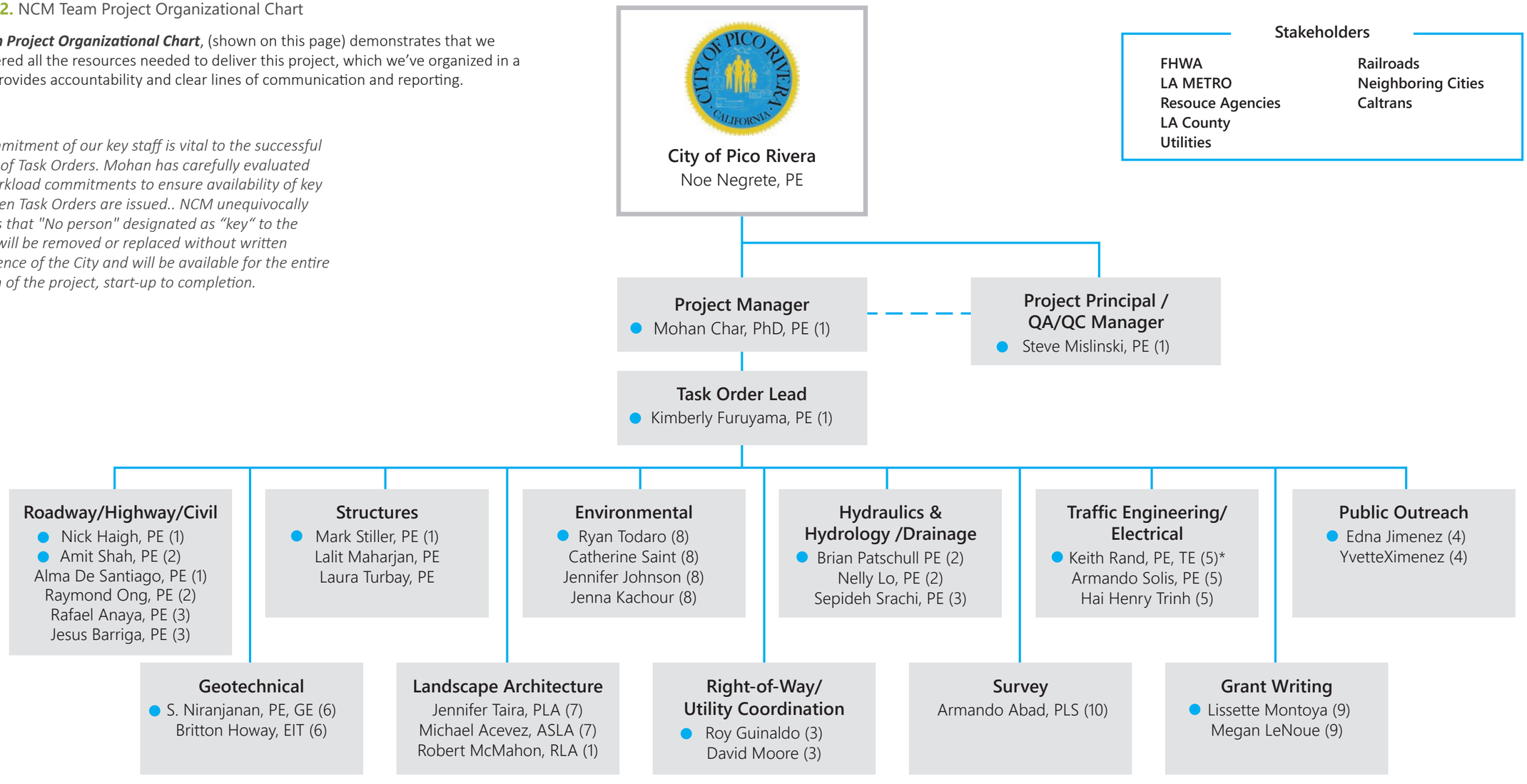
We hand selected experienced professionals who understand not only the specific challenges within the City and the importance of your program, but also know how to work with the City and key stakeholders' staff. Each of our key staff averages more than 28+ years of experience in their respective fields and brings lessons learned from delivering projects throughout Southern California. Supporting our Project Manager will be a strong technical leadership team that is well known within the region.

We pride ourselves on assigning the right people to the right roles who are committed and available to deliver your project. Our key personnel have worked on a large number of projects in Southern California, and they have substantial, recent Regional and Caltrans experience and relationships, which means they know how to achieve timely project approvals.

Figure C-2. NCM Team Project Organizational Chart

NCM Team Project Organizational Chart, (shown on this page) demonstrates that we have gathered all the resources needed to deliver this project, which we've organized in a way that provides accountability and clear lines of communication and reporting.

The commitment of our key staff is vital to the successful delivery of Task Orders. Mohan has carefully evaluated staff workload commitments to ensure availability of key staff when Task Orders are issued.. NCM unequivocally commits that "No person" designated as "key" to the project will be removed or replaced without written concurrence of the City and will be available for the entire duration of the project, start-up to completion.



Legend

1.	**NCM Engineering Corp (SBE)**	Project Management, Roadway/Civil, Utilities, Structures, Drainage
2.	**Parsons**	Drainage; Hydraulics & Hydrology; Roadway/Civil
3.	**Transystems**	Right of Way, Utility Coordination, Roadway/Civil, Drainage
4.	**Arellano Associates (DBE)**	Public Relations and Outreach
5.	**Advantec (DBE)**	Traffic Engineering; Electrical
6.	**Diaz Yourman & Associates (DBE)**	Geotechnical; Hazardous Waste
7.	**Tatsumi and Partners (DBE)**	Landscape Design and Architecture
8.	**GPA (DBE)**	Environmental
9.	**Avant Garde (DBE)**	Grant Writing Services, Contract Administration
10.	**Wagner (DBE)**	Survey; Right of Way Engineering

Indicates:
- Key Staff

Firms do not deliver projects, people do.

In studying what would provide the City the greatest value from a staffing perspective in executing the On-Call Engineering Services, NCM assembled the firms that had the right people with the right knowledge and experience to provide the capabilities the project will demand.

Our team members have successful working relationship from the past projects across multiple agencies and bring that familiarity and continuity to the City's On Call projects.

We propose **Mohan Char, PhD, PE** as our **Project Manager**. Mohan's approach emphasizes a cohesive team that works towards a common goal. His proactive style, flexible thinking, ability to build consensus and dedication to leading a unified team will be critical to helping the City effectively navigate any complex process and deliver all components of any project. He provides the City and key stakeholders:

- In-depth understanding of City, County and Caltrans requirements, approval process, procedures, design guidelines, state/federal regulations.
- Intimate knowledge and understanding of key stakeholders and local agencies.
- The right skill set to manage task order delivery contracts with the capability to handle various types and sizes of projects.

Key Personnel Resumes

The team consists of key discipline leaders and support staff who are well versed in the requirements and expectations of on-call contracts, Caltrans, resource agencies, and stakeholders. Their working relationship together on past projects brings familiarity, trust, and shared experience that galvanizes into a seamless work arrangement ensuring clear communication and a smooth interface. **Table C-2** below, lists all of NCM Team Key

Table C-2. Key Personnel Relevant Project Experience Table

RESUME ORDER	STAFF NAME, LICENSURE	ROLE	YEARS OF EXPERIENCE	HIGHEST EDUCATION	AVAILABILITY AT NTP	CURRENT COMMITMENT	CITY, COUNTY, CALTRANS, AND REGIONAL CITIES	RELEVANT EXPERIENCE														
								PAED PHASE	PS&E PHASE	BID & CONSTRUCTION SUPPORT	ROADWAY/HIGHWAY/CIVIL	COMPLETE STREETS	STRUCTURES	DRAINAGE	HYDROLOGY AND HYDRAULICS	TRAFFIC	RIGHT-OF-WAY	UTILITIES	SURVEYING	GEOTECHNICAL	GRANT WRITING	PUBLIC OUTREACH
1	**Mohan Char, PhD, PE**	Project Manager	29	PhD	50%	75%	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	**Steve Mislinski, PE**	Project Principal/QA/QC	26	BS	30%	75%	✓	X	X	X	X	X	X	X	X	X	X	X	X	X		X
3	**Kimberly Furuyama, PE**	Task Order Lead	16	MS	50%	75%	✓	X	X	X	X	X	X	X	X	X	X	X	X			
4	**Nick Haigh, PE**	Roadway/Civil Lead	32	BS	35%	80%	✓	X	X	X	X	X	X	X	X	X	X	X	X			
5	**Mark Stiller, PE**	Structures Lead	18	BS	40%	80%	✓	X	X	X	X	X	X	X	X	X	X	X	X			X
6	**Amit Shah, PE**	Roadway Project Engineer	23	MS	55%	75%	✓	X	X	X	X	X	X	X	X	X	X	X	X			X
7	**Ryan Todaro**	Environmental Lead	24	BS	40%	70%	✓	X	X	X	X	X	X	X	X	X	X	X	X			X
8	**Brian Patschull, PE**	H&H/Drainage Lead	22	BS	35%	80%	✓	X	X	X	X	X	X	X	X	X	X	X	X			
9	**Keith Rand, PE, TE**	Traffc/Electrical Lead	30	BS	35%	80%	✓	X	X	X	X	X	X	X	X	X	X	X	X			X
10	**S. Niranjanan**	Geotechncial Lead	24	MS	40%	75%	✓	X	X	X	X	X	X	X	X	X	X	X	X			
11	**Lissette Montoya**	GranT Writing Lead	25	BS	35%	65%	✓	X	X	X	X										X	
12	**Jennifer Taira, PLA**	Landscape Architecture Lead	25	BS	35%	65%	✓	X	X	X	X											
13	**Roy Guinaldo, RWA**	Right of Way/ Utility Coordination Lead	30	BS	45%	70%	✓	X	X	X	X											
14	**Armando Abad, PLS**	Survey Lead	32	BS	40%	70%	✓	X	X	X	X	X	X							X		
15	**Edna Jimenez**	Public Outreach Lead	11	BS	40%	70%	✓	X	X	X												X

Personnel, and outlines their s their name/ licensure, role, years, education, availability, and experience with relevant project elements. Recent/Similar roles and experience are summarized in the Key Personnel Highlight Experience in **Table C-3**. Full resumes are provided in the ensuing pages, in **Appendix A**.

Table C-3. Summary Resumes of Key Personnel

Mohan Char, PhD, PE - Project Manager (NCM)

Qualifications and Experience Summary

With over 29 years in Transportation Project development on all size of projects and as-needed projects, Mohan guides projects from initiation to completion. He's led diverse projects, managing budgets from thousands to tens of millions, working with clients like Caltrans, Metropolitan Planning Organizations, and various counties and cities. His expertise lies in multidisciplinary team management, overseeing engineers in geometrics, traffic, structures, drainage, and geotechnics. He excels in balancing environmental impact and cost-efficient solutions, making informed decisions throughout project phases. Mohan's consensus-building, innovative problem-solving, and meticulous approach distinguish him in the field. He is a Project Manager who embodies outstanding leadership traits – technical knowledge, hard work, ethics, dedication, passion, responsiveness, and quality conscious. Currently, Mohan is serving as the Project Manager on City's Telegraph Road Bridge Over San Gabriel River Replacement Project.

Relevant Project Experience

- Multi-Phase project specific design services, Caltrans District 7
- On-Call Roadway Design and related Project Development and Support Services, Caltrans Districts 5,6,9, and 10
- On-Call Highway Program Project Delivery Support Services, LA Metro
- Engineering and Environmental On-Call Services Contract, Riverside County
- On-Call Services for Roadway and Highway Engineering, Riverside County
- On-Call Engineering Services, Orange County
- As-Needed Engineering Services for FHWA Funded Projects, County of San Diego (COSD)
- Non-Federal, As-Needed Engineering, Project Management and Land Surveying Services, COSD

Value Addition to the City

- Unparalleled As-Needed/On-Call Contracts experience in Southern California across broad spectrum of clients (Riverside, Orange, San Diego, Caltrans, MPOs)
- Being an industry veteran provides unique perspectives through experience working on transportation projects and multiple freeways throughout the state.

Kimberly Furuyama, PE - Task Order Lead (NCM)

Qualifications and Experience Summary

With an experience profile exceeding 16 years, Kimberly's expertise shines through in various on-call and as-needed projects throughout Southern California. Her expertise encompasses all phases of Transportation Projects. She has managed and oversaw all types of roadway and bridge projects providing her with a distinctive vantage point to oversee quality management. She currently serves as NCM quality manager for all Southern California Projects . Her distinction is underscored by. the ASCE New Faces of Civil Engineering - Professional Edition recognition in 2014, a prestigious honor bestowed upon only 10 individuals worldwide. Currently, Kimberly is serving as the Engineering Lead on City's Telegraph Road Bridge Over San Gabriel River Replacement Project.

Relevant Project Experience

- Engineering and Environmental On-Call Services Contract, Riverside County
- On-Call Services for Roadway and Highway Engineering, Riverside County
- As-Needed Engineering Services for FHWA Funded Projects, County of San Diego (COSD)
- Non-Federal, As-Needed Engineering, Project Management and Land Surveying Services, COSD

Value Addition to the City

- Understanding of Caltrans Local Assistance policies, procedures, processes, and guidelines
- Serving as Task Order Manager for over 28 task order on NCM's County of San Diego On-Call Projects
- Keen understanding of critical elements that drives the project and constantly monitors to keep on track.

Table C-3 (Continued). Summary Resumes of Key Personnel

Steve Mislinki, PE- Project Principal & QA/QC (NCM)

Qualifications and Experience Summary

Steve, a founding principal of our firm, brings extensive experience and a proven track record in leading multi-discipline teams to support transportation projects for clients such as Caltrans (Districts 2, 3, 5, 6, 9, 10, and 59) and various local agencies including Kern County, Tulare County, Kings County, and more. With a demonstrated ability to manage and successfully deliver hundreds of Task Orders for these agencies, Steve's role as a project manager has been characterized by project-wide coordination and oversight, ensuring seamless collaboration across multiple agencies and communities. Steve's broad experience encompasses a wide array of transportation projects, including roadway maintenance and rehabilitation improvements, grade separations, road/highway and bridge widenings, interchange improvements, bridge retrofits and rehabilitations, and bridge replacement projects. His unique position as both a project principal and quality manager underscores his commitment to ensuring the highest standards of project delivery.

Relevant Project Experience

- Caltrans Project Development Services (Contract 09A0750), District 9, Bishop, CA
- Caltrans Project Development Services (Contract 09A0884), District 9, Bishop, CA
- Caltrans Central Region Project Development Services (Contract 06A2761), District 6, Fresno, CA
- Caltrans Central Region Project Development Services (Contract 06A2655), District 6, CA
- Caltrans Central Region Project Development Services (Contract 06A2667), District 10, Stockton CA

Value Addition to the City

- Understands the intricacies of on-call engineering services from decades of on-call experience, and always be ready to respond to client needs.
- His expertise extends to utility coordination and relocation, adding a crucial dimension to his capabilities in navigating complex project landscapes.

Amit Shah, PE - Roadway Project Engineer (Parsons)

Qualifications and Experience Summary

Amit has focused on the management and design of freeway and street improvement projects. He has expertise in Caltrans design policies, procedures, and standards, and led or been involved in all phases of project development, including feasibility studies; project initiation documentation (PID); project approval/environmental document (PA/ED); final design, including plans, specifi cations and estimates (PS&E); and design-build projects. He served in the role of Deputy PM on I-605 CIP which contains I-605/Telegraph Road Interchange. During various project development phases of I-605 CIP , he extensively coordinated with all the primary stakeholders of Telegraph Road Bridge project (Cities of Pico Rivera, Downey and Santa Fe Springs, Caltrans D7, Utilities (including SCE), LACFCD, Army Corp and other resource agencies) and has developed a great rapport with them which will immensely benefit City's on-call projects. *Amit is currently serving as a Roadway Project Engineer on City's Telegraph Road Over San Gabriel River Replacement Project.*

Relevant Project Experience

- LAMTA | I-605/I-5 Corridor Improvement Project, Los Angeles County, CA
- City of Los Angeles | Sixth Street Viaduct Replacement, Los Angeles, CA
- LAMTA | I-710 Corridor Improvements PAED, Los Angeles County, CA

Value Addition to the City

- Served as engineering Lead on I-605/I-5 Corridor Improvement Project adjacent to the Telegraph Road Bridge
- Managed multi-modal transportation projects that included roadway, pedestrian, and bicycle improvements.
- Ability to collaborate with multiple stakeholders to build project consensus.
- Successfully delivered 30+ projects to Caltrans and 15+ task orders to LAMTA on schedule and budget.

Table C-3 (Continued). Summary Resumes of Key Personnel

Mark Stiller, PE- Structures (NCM)

Qualifications and Experience Summary

Mark is a skilled manager and engineer specializing in civil infrastructure development encompassing grading, roadway, utilities, and structural design for bridges. He excels in overseeing multi-disciplinary projects, leading intricate road and bridge enhancements, and has a strong track record of delivering innovative solutions. Mark is adept at every project stage, from initial concept to construction, and is recognized for his expertise, responsiveness, and delivery-oriented approach. Mark's portfolio includes diverse bridge designs for waterways, railroads, and highways, aligning with established guidelines and standards. *Currently, Mark is serving as the Project Manager on City's Telegraph Road Bridge Over San Gabriel River Replacement Project.*

Relevant Project Experience

- Federal Environmental and Engineering On-Call, RCTD
- On-Call Engineering & Environmental Services, RCTD
- On-Call Engineering Services, OCPW
- Qualified Vendor List, OCPW
- Non-Federal, As- Needed Engineering, Project Management and Land Surveying Services, COSD

Value Addition to the City

- Lead Engineer for RCTD's Road Standards and Specifications (Ordinance 461 update)
- Lead engineer responsible for development Caltrans Standard Plans (Structures) 2010, 2015, 2018, and other statewide standards

Nick Haigh, PE- Roadway/Highway/Civil (NCM)

Qualifications and Experience Summary

Nick has significant experience as a highway and infrastructure engineer for transportation projects including major freeway widenings, express lanes and local agency projects. He has lead all facets of roadway projects from design – construction including , design standards decision document, freeway design, stage construction and traffic handling, drainage, grading, overhead and roadside signs, utility coordination, technical specifications, quantity takeoffs and cost estimates. His experience includes the design of highways, roadways, and light rapid transit capital improvements. He is well-versed in Caltrans' standards plans, specifications, special provisions and other project requirements, including design exception fact sheets.

Relevant Project Experience

- Multi-Phase project specific design services, Caltrans District 7
- On-Call Roadway Design and related Project Development and Support Services, Caltrans Districts 6,9, and 10
- I-605/Valley Boulevard Interchange Improvements, LA Metro

Value Addition to the City

- Currently servings as Task Order Manager for Caltrans District 6, 9, and 10 On-Call projects
- Unparalleled Roadway design experience encompassing all facets of project delivery – planning to preliminary engineering to final design to bid & construction support.

Brian Patschull, PE - Hydraulics&Hydrology /Drainage (Parsons)

Qualifications and Experience Summary

Brian has 22 years of diversified experience in the field of civil, transportation, and water resources engineering. He has been responsible for a wide range of projects involving drainage improvement design, residential and commercial developments, urban highway design, railroad grade separation, hydrology and hydraulics studies. Brian has extensive computer skills and is proficient in AutoCAD, MicroStation, InRoads, Flowmaster, HEC-1, HEC-RAS, WSPG, Civil Design Hydrology and Hydraulic Calculator, AES Rational Method Hydrology Calculator, and the Los Angeles County MORA program. He has been drainage lead for analysis of scour countermeasures utilizing HEC-RAS software.

Relevant Project Experience

- On-Call Roadway Design and Related Project Development and Construction Support Services, Caltrans D8
- I-15/Clinton Keith Road Interchange, RCTD
- Riverside County Bridge Program and On-Call Engineering Services, RCTD
- I-15 Express Lanes Program Management, RCTC

Value Addition to the City

- Drainage Lead on multiple On-Call task orders PAED, PS&E and construction phases
- Drainage Lead for 12.5 miles of I-215 widening between Scott Road and Nuevo Road

Table C-3 (Continued). Summary Resumes of Key Personnel

Ryan Todaro - Environmental (GPA)

Qualifications and Experience Summary

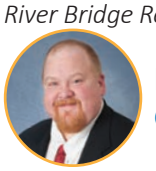
Ryan is a Senior Associate Environmental Planner at GPA. He is a former Caltrans environmental planner with 23 years of experience providing environmental project management for all phases of Federal Highway Administration's (FHWA's) project life cycle: Project Initiation, Project Approval/Environmental Document (PAED); Plan, Specifi cation and Estimate (PS&E); and Construction. Ryan has successfully delivered environmental approvals for complex major freeway corridor projects throughout Southern California. With extensive experience in transportation programs, both as a Caltrans employee and a consultant, Ryan brings valuable insights into federal and state agencies' requirements. *Ryan is currrently serving as Enviromental Lead on NCM's Telegraph Road Bridge Over San Gabriel River Bridge Replacement project (City of Pico Rivera).*

Relevant Project Experience

- I-15/Clinton Keith Road Interchange, RCTD
- PES for Washington Boulevard Bridge Replacement, City of Pico Rivera, Los Angeles County, CA
- San Gabriel Bridge/Interstate 210 Hinge and Diaphragm RepairsCaltrans District 7 | Los Angeles County, CA

Value Addition to the City

- Extensive experience leading the environmental process for transportation projects of varying complexities in Southern California
- Manages projects through PID, PA/ED, and PS&E phases
- Expert in NEPA/CEQA compliance
- Successful coordination with Caltrans District 7
- His expertise ensures legally sound environmental compliance and seamless project coordination for regional transportation agencies.



Keith Rand, PE, TE - Traffic Engineering

Qualifications and Experience Summary

Keith brings over 29 years of specialized technical expertise in design build implementation, traffic and transportation engineering, and Intelligent Transportation Systems (ITS) planning and design. His extensive experience encompasses traffic signal design and engineering design, providing a strong foundation for both largescale and site-specific transportation projects. Notably, he served as the Design Manager on the SR-91 Corridor Improvement Project Design Build in Corona, California, overseeing MOT, traffic, electrical, and ITS design work. His proficiency also extends to planning and designing ITS systems, including communication infrastructure elements like CCTV cameras and highway advisory radio, showcasing his comprehensive skills in the field.

Relevant Project Experience

- Hamner Avenue Bridge Replacement over Santa Ana River (RCTD – Norco/Eastvale, CA)
- RCTC, SR-91 Corridor Improvement Project (CIP) Design-Build, Corona, CA
- Victory Boulevard Widening Phase 1 Temporary Lighting Design (VT Electric/LABSL, Los Angeles, CA
- RCTC, I-215 Widening PS&E (0F161) and I-215 Widening PS&E (0F162), Murrieta and Perris, CA

Value Addition to the City

- Keith is currently serving as Traffic Lead on NCM's Telegraph Road Bridge Over San Gabriel River Bridge Replacement project (City of Pico Rivera).

S. Niranjanan, PE, GE - Geotechnical

Qualifications and Experience Summary

Niranjan has over 24 years of project experience, including bridges, street widenings, highway improvements, sound walls and retaining walls; and grade separations; bike paths; pavement evaluation and rehabilitation; buildings; and other transportation projects. He has coordinated, performed, or directed geotechnical investigations for well over 600 projects in Southern California. Niranjan has practical experience in all aspects (design and construction) of geotechnical engineering, including site selection, field investigations, engineering analyses, recommendations, construction observation and testing, and preparation of geotechnical reports and recommendations.

Relevant Project Experience

- Pico Rivera Regional Bikeway Project, Pico Rivera, CA
- Los Angeles County Department of Public Works (LACDPW), Rosemead Boulevard Complete Streets Improvements, Phase I, Los Angeles, CA
- Caltrans District 12 Pavement Rehabilitation Preliminary Engineering and Final PS&E, Orange County, CA

Value Addition to the City

- Project experience within the City of Pico Rivera
- Knowledge of FHWA and Caltrans policies, requirements, and procedures, extensive knowledge of the Local Assistance Procedures Manual (LAPM), ensures that reports will be thorough, accurate, and approved.

Table C-3 (Continued). Summary Resumes of Key Personnel

Lissette Montoya - Grant Writing

Qualifications and Experience Summary

Lissette has more than 20 years of comprehensive expertise in project management and analysis, funding management, grant administration, and community outreach programs. She is experienced in issues impacting City governments and contract administration and has experience in identifying federal and state fund allocation balances, programming funds, and administers long-and-short range programs consistent with the economic capabilities of the City. She has assisted various agencies in performing a variety of analyses and studies to identify State and Federal funding options; performed time-critical and confidential studies related to fiscal and administrative requirements of grant programs; assisted in the grants solicitation process; planned and coordinated the implementation of awarded grants to ensure that the City was in compliance with applicable laws and regulations, and monitored and audited grant expenses.

Relevant Project Experience

- Local Highway Bridge Program, City of Industry, CA
- SR-57/60 Confluence Project, City of Industry, CA
- HSIP Cycle 8 – Various Intersection Improvements, Bell Gardens, CA
- Imperial Hwy and Atlantic Ave Signal Improvements, Lynwood, CA

Value Addition to the City

- Successfully monitored federal and state funding for municipal agencies throughout Southern California
- Ensures projects are developed in accordance with policy and procedural requirements, assists in determining eligible projects for various funding sources, and manages development and capital improvement programs/projects from conception to completion.
- Very familiar with the Caltrans Local Assistance Process, and securing obligation (E76) of funds for design and construction projects

Roy Guinaldo, RWA, RWP - Right of Way/Utility Coordination (TranSystems)

Qualifications and Experience Summary

Roy has over 30 years of real estate experience and is knowledgeable of municipal and governmental procedures and regulations relating to property acquisition (full- and part-takes) and excess land dispositions. He is responsible for both residential and commercial acquisitions in public and private sector client acquisition projects and is knowledgeable of the relocation procedures for both residential owners and tenants. Mr. Guinaldo provides training to OPC staff and is bilingual in English/Spanish.

Relevant Project Experience

- Riverside County Transportation Department, | Gilman Street Widening Project, Riverside County, California
- LA County Metropolitan Transportation Authority (Metro) | Westbound SR-91- Alondra Blvd to Shoemaker Improvement Project, Cerritos/Artesia, California

Value Addition to the City

- Highly respected team member and leader
- Responsive and Responsible
- Extensive Southern California region transportation infrastructure experience

Edna Jimenez - Public Outreach (Arellano Associates)

Qualifications and Experience Summary

Edna has played a key role in many transportation, planning, environmental, and construction projects. She focuses on strategic communication, message development, inter-agency relations, marketing, event coordination and implementation, database management, and project organization. As a natural leader, Edna excels at building relationships with various stakeholders and has successfully developed strategic outreach plans that focus on serving diverse groups. Additionally, Edna has served as Project Manager on efforts and developed engagement plans that focus on digital outreach and innovative tools to support client needs and increase opportunities for enhanced community engagement. She has been instrumental in leading the development of an equitable approach for several clients, including the use of hybrid options for engagement

Relevant Project Experience

- Telegraph Road Bridge, Pico Rivera, CA
- Washington Blvd Over Rio Hondo Channel, Pico Rivera, CA
- Los Angeles County Metropolitan Transportation Authority (Metro) | Eastside Transit Corridor Phase 2 (Alternative Analysis/Draft EIS/EIR/Advanced Conceptual Engineering phase), Los Angeles County – Gateway Cities and San Gabriel Valley Regions, CA

Value Addition to the City

- Previous experience working with the City Pico Rivera
- Expert in outreach and engagement plan development that focuses on digital outreach and innovative tools to support client needs
- Bilingual- Spanish

D. CONSULTANTS AND/ OR SUB-CONSULTANTS

D. Consultants and/or Sub-consultants

If the Consultant plans on using subconsultants, then company profile, name, address, and telephone for all subconsultants providing support during the term of the PSA is required.

- Define the responsibilities and give a description of services to be provided by subconsultants. Describe the Consultant's business and reporting relationship with any subconsultants.
- Include references and resumes for all third party Firms in the Proposal. The CITY has the right to accept or reject any changes made to the proposed project team members, including the use of subcontractors.

Comprehensive Team of Experts with Relevant Agency Experience

The greatest strength of the NCM Team is our comprehensive collection of experts and subconsultants who collectively have meaningful experience with all relevant agencies and stakeholders – CITY, LA METRO, Caltrans, County of Los Angeles, regional cities, Resource Agencies, and Utilities. Further, a combination of exceptional technical qualifications and the capability of developing innovative ideas and solutions for our clients is a defining feature of the NCM Team.

At the core of this project's leadership stands NCM, assuming the pivotal role of Prime Consultant. As the singular point of accountability to the City, NCM shoulders the weight of contractual, administrative, managerial, and technical responsibilities with unwavering dedication. As a result, the City is presented with a cohesive unit that embodies familiarity, proficiency in the realm of transportation projects and the readiness to launch into action seamlessly from day one.

Table D-1. Subconsultant Contact Information

Company Name/Contact Person	Address/Phone Number/Email	Project Function
Advanced Avant-Garde Corporation (DBE, SBE, MBE, WBE) Ana Marie LeNoue	807 S. Lemon Ave, Diamond Bar, CA 91789 (714) 401-9362 | alenoue@agi.com	Grant Writing/ Contract Administration
ADVANTEC Consulting Engineers, Inc. (DBE/SBE) Joe El Harake	1200 Roosevelt | Irvine, CA 92620 (949) 861-4999 | jharake@advantec-usa.com	Geometrics, Traffic, Electrical
Arellano Associates (WBE/DBE/SBE) Genoveva L. Arellano	5851 Pine Avenue, Suite A, Chino Hills, CA 91709 (909) 627-2974 | (909) 628-5804 garellano@arellanoassociates.com	Public Outreach
Diaz•Yourman & Associates (MBE/DBE/SBE) S. Niranjanan, PE, GE	1616 East 17th Street | Santa Ana, CA 92705 (714) 245-2920 | niranjan@diazyourman.com	Geotechncial, Hazardous Waste
GPA Consulting, Inc. (WBE/DBE/SBE) Contact Person: Richard Galvin	201 Nevada Street, Suite B El Segundo, CA 90245 (310) 792-2690 x102 | richard@gpaconsulting-us.com	Environmental
Parsons Transportation Group, Inc. Chris A. Johnson, PE	100 W. Walnut Street | Pasadena, CA 91124 C 949.333.4494 | 626.440.2008 chris.a.johnson@parsons.com	Roadway Support, Drainage, Water Quality, Hydraulic/Hydrology
Transystems (OPC) Mark La Bonte, SR/WA	3750 Schaufele Avenue, Suite 150 Long Beach, CA 90808 (949) 268-5701 | mlabonte@opcservices.com	Right-of-Way Support and Utility Coordination
Tatsumi & Partners, Inc. (SBE, DBE, MBE, SB(Micro)) Michael Aceves	49 Discovery, Suite 120 | Irvine, CA 92618 (949) 453-9901 | michael@tatsumiandpartners.com	Landscape Architecture
Wagner Engineering & Survey, Inc. (WBE/DBE/SBE) Stephanie A. Wagner, PE, PLS	17134 Devonshire Street, Suite, 200 Northridge, CA 30125 (818) 892-6565 | (818) 488-9480 stephaniew@wesinc.org	Land Surveying Services

PARSONS Founded in 1944, Parsons is one of the leading providers of technology-driven solutions in engineering, construction defense, intelligence and critical transportation markets. Parsons is driven by the core values of integrity, quality, innovation, sustainability, diversity, and safety. Their portfolio includes the planning/design/construction of more than 8,000 miles of freeways and 4,500 bridges throughout the world.

> *NCM and Parsons have established strategic partnership across multiple clientele - Caltrans, LA METRO, County of San Diego, and County of Riverside. Parsons is currently a sub to NCM on CIty's ity's Telegraph Road Over San Gabriel River Bridge Replacement Project, and NCM is sub to Parsons on I-10 Express Lanes ConOps and I-5/I-605 CIP proejcts.*

TRANSYSTEMS TranSystems, founded in 1966, was started to solve the transportation challenges faced by the communities they lived and worked in. A multifaceted firm, TranSystems provides consulting, engineering, architectural, and construction expertise covering the entire project lifecycle. TranSystems' Real Estate Division is intimately familiar with local and State standard specializing in professional services involving right of way program and project management, land and right of way acquisition, relocation planning and implementation, escrow coordination, property management, right of way engineering services, and utility coordination.

> *TranSystems has recently delivered right of way services for a broad spectrum of clientele in Southern California. TranSystems is currently subconsultant to NCM on multiple proejcts which includes City's Telegraph Road Over San Gabriel River Bridge Replacement Project.*

TATSUMI AND PARTNERS, INC Tatsumi and Partners, Inc. (Tatsumi), a DBE, MBE and SBE, was founded in 1985, and has been servicing the Southern California public works-related market since 1992. Utilizing Tatsumi's project-proven combination of creativity, technical expertise, and management structure, the firm has become one of the leaders in landscape architecture services for transportation-related projects including providing Visual Impact Assessments, planting concepts, planting and irrigation PS&E for standard and fast-tracked design-build projects, construction administration services, and as-builts.

ADVANTEC Consulting Engineers ADVANTEC Consulting Engineers is a DBE/SBE consulting firm specializing in Civil and Traffic Engineering. Founded in 1998, ADVANTEC specializes in planning, engineering and technology services and have been providing traffic and transportation engineering, ITS, transportation planning, civil (highway and roadway) engineering, construction engineering as well as municipal engineering for our clients for the last 25 years.

> *ADVANTEC is currently providing project management Staff Augmentation Services for RCTD under the on-call engineering services and is currently subconsultant to NCM on City's Telegraph Road Over San Gabriel River Bridge Replacement Project.*

DIAZ-YOURMAN & ASSOCIATES Geotechnical Services DYA is a California S-Corporation has been providing geotechnical consulting services since 1992. With one office, located in Santa Ana, California, DYA provides expert geotechnical design, environmental, construction, and forensic services to public agencies, owners, and the U.S. Government for a wide array of project types, including highways, streets and roads, bridges, rail, grade separations, bike and pedestrian paths, and other transportation infrastructure. DYA currently has more than 20 employees, including 15 engineers, the majority of whom have advanced degrees in geotechnical engineering. DYA has been working on federally funded projects through the Highway Bridge Replacement and Rehabilitation (HBRR) program and Highway Bridge Program (HBP) for nearly 20 years and have expertise with FHWA and Caltrans requirements for project approval, In addition to geotechnical investigations, we have also prepared Environmental Initial Site Assessments (ISA) and Phase II hazardous materials studies for many of these project.

> *DYA has a history of successful collaboration with NCM and will provide seemless team integration. DYA is currently providing similar services as a subconsultant to NCM on the RCTD Roadway/ Highway Engineering On-Call Services.*

> *Tatsumi has successfully delivered 100s of On-Call contracts task orders in the past 30 years. Examples of these On-Call contracts include Caltrans, Los Angeles METRO, SBCTA, RCTC, OCTA and numerous local jurisdictions. These successes are due to the firm's constant monitoring of potential costs through various design phases and the firm's Project Schedule Compliance procedures.*

Established in 1994, Arellano Associates (AA) is a consulting firm specializing in communications and public outreach, community and government relations, and strategic planning and marketing programs. AA has been working for more than two decades to deliver marketing and community outreach programs for some of Southern California's most important transportation, public safety, sustainability, planning, and infrastructure improvement projects. AA is a Limited Liability Corporation and is woman and minority owned. AA is a certified Small Business-owned (SBE) and Disadvantaged Business Enterprise (DBE). AA operates out of a single office in the City of Chino Hills and is comprised of a team of 50 staff members. Over the years, they have established the knowledge, the relationships and the credibility with communities they serve as a trusted partner to agencies throughout California.

> *AA is currently a consultant to subconsultant to NCM on the RCTD On-Call Bridge Improvement Program as well as the RCTD's Temescal Canyon Road project , City's Telegraph Road Over San Gabriel River Bridge Replacement Project, and LA Metro's I-605/Valley Boulevard Improvement PAED/PS&E.*

AVANT-GARDE has built a strong reputation for providing innovative and successful solutions for a number of public agencies including the Cities of Bell Gardens, La Mirada, El Monte, Temple City, Pasadena, Industry, Pico Rivera, La Puente, Hawaiian Gardens, Lynwood, Bellflower, Montebello, Maywood, Perris, Cudahy, South Gate, Alhambra, Rosemead, San Gabriel, Monterey Park, South El Monte, Ventura, Manhattan Beach, Norwalk, Rialto, Moreno Valley, LADWP, LADOT, and METRO. Their years of practice have resulted in a solid foundation of experience and technical expertise and a dedication to integrity, excellence, and quality. They are proud of their strong reputation in meeting aggressive schedules and their ability to multi-task to provide their clients specialized attention and service. Services offered by the firm include: Grant Writing and Administration; Program Management; Funding Administration; Compliance Management including Labor Compliance; Construction Coordination (Bid development, analysis, etc.); and Community Outreach.

> *AVANT-GARDE is currently providing the services requested in this RFP to several cities in urban Los Angeles County, San Bernardino County, Ventura County, and Riverside County. Most agencies served have a long-standing relationship with the firm and trust AVANT-GARDE to provide these services on an ongoing basis.*

Wagner Engineering and Survey, Inc. (WES), a WBE/DBE/SBE/CBE Los Angeles firm founded in 1990, provides quality surveying, mapping, and civil engineering services in a cost effective and ambitious manner. The company is headquartered at 17134 Devonshire Street, Suite 200, Northridge, CA 91325. The firm possesses substantial surveying experience in transportation/institutional/commercial projects such as the Los Angeles World Airports, County and City of Los Angeles, Metro, OCTA, Ports of Long Beach and Los Angeles, the California State University system, Caltrans, many School Districts and numerous Cities and Counties throughout Southern California.

> *WES has worked with NCM on the following project: Telegraph Road in Pico Rivera, EA 32240 Caltrans 07A4551 Phase Order 3 EA33370 – SR 110/5th & DR110/6th, EA 32240 Caltrans 07A4551 Phase Order 2 - SR 110/5th & DR110/6th, EA 32230 Caltrans 07A4551 Phase Order 1 - Route 134 Arroyo Seco Bridge*

GPA Consulting is a multi-disciplinary firm specializing in environmental planning, biological resources, and historic preservation. GPA, founded in 2003, is a certified woman-owned, disadvantaged, and small business enterprise registered as a California Corporation. The firm serves a variety of municipalities, private-sector clients, and state and federal agencies, helping them to successfully achieve project approval and implementation. The firm's expertise is in managing the National Environmental Policy Act (NEPA) and California Environmental Quality Act (CEQA) documentation, technical analysis, peer-reviewing environmental documents, regulatory permitting, agency coordination, and construction and mitigation monitoring. GPA's experience includes more than 130 bridge projects that involved either maintenance, rehabilitation, or replacement.

> *GPA has teamed with NCM on projects since 2017; many of them bridge projects. GPA and NCM have worked on the State Route 134/ Arroyo Seco, City's Telegraph Road, and State Route 110 5th and 6th bridge projects in Los Angeles County; the Avenue 174 Friant-Kern Canal, Road D112 Bates Slough, and Road D112 North Branch Tule River bridge projects in Tulare County; and Bridge Preventative Maintenance Programs for the City of Yorba Linda and County of Kern.*

Table D-3. References for whom NCM Subconsultans have provided similar services of the nature and scope as set forth in the RFP.

NCM TEAM SUBCONSULTANT REFERENCES

ADVANTEC CONSULTING ENGINEERS, INC.

Client Name	City of Pico Rivera
Project Name	Telegraph Road Bridge Replacement over San Gabriel River
Contact Person	Noa Negrete- Director
Contact Information	6615 Passons Blvd, Pico Rivera, CA 90660 562.801.4421 nnegrete@pico-rivera.org
Scope	Traffic/Geometric Enhancements

TRANSYSTEMS

Client Name	Riverside County Transportation Commission
Project Name	Mid-County Parkway Project
Contact Person	Hector Casillas, Right of Way Manager
Contact Information	4080 Lemon Street, Riverside, CA 92501 951.787.7141 | HCasillas@RCTC.org
Scope	Completing ROW acquisition, relocation, title and escrow services, property management, coordination of appraisals and environmental due diligence.

GPA

Client Name	CNS Engineers, Inc.
Project Name	Washington Boulevard Bridge Replacement
Contact Person	James Lu, Project Manager CNS Engineers, Inc.
Contact Information	11870 Pierce Street, Suite 265, Riverside, CA 92505 951.687.1005, ext. 104 james.lu@cnsenginc.com
Scope	Completed a Preliminary Environmental Study. Preparing technical studies to support to NEPA/CEQA documentation.

ARELLANO ASSOCIATES

Client Name	Metro
Project Name	Eastside Transit Corridor Phase II
Contact Person	Jenny Cristales-Cevallos, Senior Manager, Transportation Planning
Contact Information	One Gateway Plaza, Los Angeles, CA 90012 (213) 418-3026 cristalescevallosj@metro.net
Scope	AA has supported Metro as the lead outreach consultant since 2007

PARSONS

Client Name	LA Metro
Project Name	I-605/I-5 Corridor Improvement Project
Contact Person	Isidro Panuco, Senior Manager-Transportation Planning
Contact Information	(562) 418.3208 panucoimetro.net
Scope	Prime Consultant responsible for project management, engineering and environmental technical reports. Caltrans D7 and Headquarters (HQ)

AVANT GARDE

Client Name	City of El Monte
Project Name	Traffic Calming at Parkway Dr/Denholm Dr
Contact Person	Leonardo Torres, City Engineer
Contact Information	11333 Valley Blvd, El Monte, CA 91731 626.580.2055 ltorres@elmonteca.gov
Scope	AVANT-GARDE has provided grant writing and funding administration services to the City of El Monte since 2017 for a variety of projects ranging in scope and has secured $54.9 million in grant funds.

DIAZ YOURMAN & ASSOCIATES

Client Name	Caltrans District 12
Project Name	Multiphase Project Specific Pavement Rehabilitation Contract
Contact Person	David Lam, Branch Chief, Design "C" & CADD Support
Contact Information	3337 Michelson Drive, Suite CN 380, Irvine, CA 92612 657.328.6080 david.lam@dot.ca.gov
Scope	Geotechnical engineering services and recommendations; geotechnical engineering services during the PA/ED and PS&E phases.

TATSUMI AND PARTNERS

Client Name	LA Metro
Project Name	I-710 Corridor EIR/EIS
Contact Person	Ernesto Chaves, Project Manager
Contact Information	One Gateway Plaza, Los Angeles, CA 90012 213-547-4362 chavese@metro.net
Scope	Visual Impact Assessment (VIA), and the landscaping design concepts for the proposed project.

WAGNER

Client Name	Michael Baker International
Project Name	City of Los Angeles On-call Engineering Task Order Solicitation 11, Los Angeles, CA
Contact Person	Phillip Masto, Project Control Specialist - Transportation
Contact Information	5 Hutton Centre Drive, Suite 500, Santa Ana, CA 92707 949-330-4131 pmasto@mbakerintl.com
Scope	WES performed topographic surveys of surrounding street culture and aerial mapping for multiple tasks on this project.

E. WORK APPROACH

This section of the Proposal shall include a narrative that addresses the Scope of Work and demonstrates that Consultant understands the Scope of Work. More specifically, the Proposal should include the Consultant's general approach for providing the services specified in the Scope of Work. The work approach shall be of sufficient detail to demonstrate the Consultant's ability to accomplish the on-call plan checking services requests by CITY.

Knowledge and Understanding of the Proposed Project

The initiation of the task order process commences with the City's issuance of a task order assignment. In response to this directive, NCM undertakes the preparation of a comprehensive technical proposal. This proposal encompasses a wide array of critical elements, including but not limited to: a well-defined scope of services, a comprehensive list of deliverables, a Complete delivery schedule, and a detailed breakdown of the proposed work, with a matching cost proposal. These preparatory actions will adhere strictly to the established City procedures. All response are diligently crafted using City-approved templates, ensuring the provision of standardized submittals and the facilitation of cost-efficiency within the process.

Task Order Scope, Schedule, and Fee Development

NCM operates with unwavering commitment, conducting all consulting services in strict accordance with meticulously defined contractual and technical protocols. These procedures are designed to foster transparency and precision at every stage of our engagement. We take painstaking care in scrutinizing each task order, proactively identifying specific and unique activities in advance. Our dedicated approach ensures that we assign the most qualified and adept personnel who can drive innovative and sustainable solutions.

Our project management framework is characterized by robust accountability measures, hinging on an array of cutting-edge tools to track progress and budget. Upon receiving a task order from the City for a particular project, NCM's Project Manager, Mohan Char, embarks on a thorough examination of its individual elements. This includes a comprehensive assessment of in-house and subconsultant technical resources for their suitability and availability. Mark and our key personnel embark on an information-gathering mission, pinpointing key issues and, when necessary, conducting on-site visits. We seamlessly coordinate with the City's Project and Task Order managers to validate the scope of work (SOW) and to delineate deliverables and the requisite technical documentation.

> *NCM's rich background and extensive track record of successfully executing projects under on-call task orders for Caltrans, Counties, and Cities through out California, both on previous assignments and ongoing contracts, stand as proof of our ability to consistently and punctually deliver task orders in adherence to prescribed timelines and budgetary constraints.*

In close collaboration with the City, NCM proceeds to craft a technical scope of work, a task order-specific schedule, and a fee proposal, which undergoes thorough review and consideration. The fee structure adheres to the rates previously approved by the City for the contract. Our carefully managed schedule not only outlines the commencement and culmination dates of all pertinent work elements but also undergoes monthly updates, or as necessitated, to capture critical path activities, predecessor and successor dependencies, overall progress, and percentage completion for each subtask.

Cost Control Techniques

NCM employs a proven project management approach designed to ensure punctual project delivery within budget constraints. A pivotal feature of our approach is flexibility, enabling us to adapt to evolving project requirements. Continuous monitoring of schedules and budgets allows us to tailor activities as needed

to achieve project delivery goals. Mohan Char, our Project Manager, supported by Task Order Lead, Kimberly Furuyama, will diligently oversee the project, leveraging NCM's numerous internal budget tracking systems. These systems are fully online, enabling real-time budget monitoring and producing accurate, current earned value reports and estimates for any day of the month.

Our capabilities are demonstrated in **Figure E-1** below, illustrating the four-step monitoring process that underpins all our projects. This approach empowers us to promptly identify and address potential issues, ensuring strict adherence to schedules and budgets and resulting in on-time project delivery.

Managing and Delivering Task Orders

Our task management philosophy is anchored in the continuous cultivation of consensus. At NCM, we hold a profound understanding of our duty and commitment to proactively engage with all stakeholders. Our mission is to not only identify and quickly resolve any issues but also to propel the City's projects forward with unwavering dedication.

Mohan's extensive tenure overseeing local agencies and land development projects, his robust foundation in project management and delivery, coupled with his keen insight into the City's project development processes, afford our team the distinct advantage of his leadership.

With due authorization, NCM is poised to prepare all deliverables necessary to fulfill the requirements of each task order, adhering to prevailing standards, regulations, and regulatory prerequisites, representing the City's interests. Our proactive stance involves early identification of regulatory requirements and concerns, eliminating the need for late-stage studies during project planning or execution. For instance, the timely identification of environmental prerequisites and issues holds pivotal significance in the development of CEQA or NEPA documents.

Intrinsic to our approach is the convening of an internal kick-off meeting, uniting our project team members, including NCM's specialized technical experts and select subconsultant staff. This assembly serves as a platform for a comprehensive exchange of project details, communication protocols, contacts, SOW, budget, schedule, and individual technical roles.

At NCM, we orchestrate seamless coordination, both within our team and in partnership with County staff, Project Development Teams (PDT), and consultant personnel, ensuring that all stakeholders remain harmoniously aligned. We actively assist in organizing, facilitating, and documenting PDT meetings, fostering continuous communication among all involved parties throughout the project's evolution.

Our core NCM personnel boast recent, relevant experience spanning all facets of roadway, highway, civil, and bridge/structures projects, from Project Approval-Environmental Document (PAED) to plans, specifications, and estimates (PS&E), and extending to bid and construction support, across various Southern California Counties/Cities and Statewide endeavors.

Our approach to PS&E projects is rooted in a strategic plan that propels the project forward assertively, adhering to mutually agreed upon schedules. Our forward-thinking team consistently looks beyond immediate project

Figure E-1. Four Step Process for Monitoring and Keeping Projects On Track

In the past five years alone, NCM has successfully executed over 100 task orders, catering to the intricate needs of clients such as Caltrans, as well as the Counties of San Diego, Riverside, Orange, and Kern. NCM has provided plan check services to the City since 2015, and also currently prime consultant on City's Telegraph Road Bridge Replacement over Rio Hondo Channel. This wealth of experience serves as our invaluable reservoir, to provide substantial added value to the City.

considerations, charting a course for the PS&E phase that facilitates a smooth transition to the construction phase.

In the following sections, we will elucidate our approach to managing any project assigned by the City. Understandably, the approach we outline is comprehensive and all-encompassing. It is conceivable that certain activities may be deemed unnecessary, contingent upon the project's nature or the City's desired level of oversight.

SURVEYS, MAPPING, FIELD REVIEWS - EXCELLENCE FOR PRECISION PROJECT EXECUTION

Tailoring our approach to the unique demands of each project, the NCM team delineates the boundaries and deliverables specific to the project scope. In certain instances, our task may necessitate a suite of surveying services encompassing control, topographic, and utility surveys.

Research and Field Review: Research for the control and engineering surveys should be part of the research for the overall project. Research for engineering surveys and control surveys should be undertaken at the same time. Identifying existing survey control in the area is a critical first step. When necessary, we plan control survey that will meet the requirements of the initial survey request as well as anticipated future project surveying needs. Research information in City, County, and Caltrans files so that all existing aerial photos, topographic mapping, monumentation maps, USGS maps, and as-built plans are identified. This will ensure that work accomplished on a previous project or survey request will not be duplicated. We also search the records and files of other government agencies, utility companies, and railroads for information on facilities located in the project area. In addition, we perform thorough field review to document the most current existing features. We will not initiate field work without a completed field package, including survey request form and written instructions designating any special survey needs.

Control Surveys: Control surveys establish a common, consistent network of physical monuments that are the basis for the horizontal and vertical location of transportation improvement projects and facilities.

We carefully verify or establish horizontal and vertical control monuments, aligning them precisely with Caltrans and County control datum as applicable. control datums. Our team ensures precise measurements, adjustments, and comprehensive reports detailing the control measures adopted for each project.

Topographic Mapping: Topographic surveys are undertaken to determine the configuration of the earth's surface and the locations of natural and manmade objects and features. The products of topographic surveys, DTMs and topographic maps are the basis for planning studies and engineering designs.

Our adept surveying team employs various techniques, including aerial photogrammetry, ground surveys, and 3D Laser Scanning (HDS) methods to provide detailed topographic mapping. We process data rigorously and integrate it into aerial mapping frameworks and final Computer-Aided Design and Drafting (CADD) drawing files.

Boundary Surveys: In cases requiring delineation of existing right-of-way, easements, and property encumbrances affecting new rights-of-way and easements, our boundary surveys excel. We conduct extensive research, delve into land records, resolve property demarcations, monumentation maps and retrace and reset Public Land Survey System (PLSS) corners. Diligent analysis of title reports is also part of our process. We prepare critical documents, such as Corner Records, Records of Survey, Parcel Maps, or Final Maps, with meticulous attention to detail, ensuring compliance with project requirements.

Our surveying expertise is your assurance of precision and accuracy, the foundation for successful project outcomes.

PRELIMNARY ENGINEERING AND PLANNING STUDIES & TECHNICAL REPORTS – KNOWLEDGE AND EXPERTISE

Upon the City's request, we stand prepared to undertake the meticulous preparation of studies, investigations, and comprehensive reports tailored to the County's precise needs. In alignment with the scope and intricacy of the study in question, NCM will diligently assemble a team of experts, ensuring a well-organized and fully briefed task force that fully understands the undertaking at hand. Our selection of team members will be drawn from our project organization, thoughtfully matched with the unique demands of the task.

Our work begins on developing a study or report with the thorough collection of essential background information, data, and all pertinent materials. This trove may encompass as-built plans, related reports, technical documentation, and available survey data, each representing a valuable piece of the puzzle. Our next strategic move hinges on the specific nature of the study, wherein we discern the standards that should govern the project and ascertain the report's appropriate format and content.

Ultimately, our task culminates in the creation of a report that eloquently encapsulates the report's need and purpose, the methodical process employed to address the issue at hand, an explanation of the potential solutions, the criteria employed for their evaluation, and, most crucially, a clear summary of the evaluation results that decisively guide the path forward.

Our selection of team members will be drawn from our project organization, thoughtfully matched with the unique demands of the task.

STRUCTURES – EXCELLENCE FOR VITAL INFRASTRUCTURE

Our on-call engineering services encompass a broad spectrum of structural projects, including new bridge design, widening, maintenance, repair, rehabilitation, seismic retrofitting, and strengthening of existing bridges. We also handle auxiliary elements like walls and drainage structures. When needed, we can utilize retaining walls, whether tie-back, soil nail, Mechanically Stabilized Embankment (MSE), or conventional pile-supported or shallow foundation walls.

METRO'S UNION STATION / PATSAOURAS PLAZA BUSWAY STATION IMPROVEMENTS DESIGN-BUILD

At the start of each project, we conduct a comprehensive bridge planning study during the Preliminary Engineering Phase, akin to Caltrans Advance Planning Studies. This process meticulously documents the scope and costs of structural work, supporting environmental documentation. The study involves detailed plan sheets for various structures, revealing crucial layout details and cost estimates, covering bridges, culverts, tunnels, retaining walls, pumping plants, and more.

At the start of each project, we conduct a comprehensive bridge planning study during the Preliminary Engineering Phase, akin to Caltrans Advance Planning Studies. This process meticulously documents the scope and costs of structural work, supporting environmental documentation. The study involves detailed plan sheets for various structures, revealing crucial layout details and cost estimates, covering bridges, culverts, tunnels, retaining walls, pumping plants, and more.

Our structural design methodology centers on Structure Type Selection, a vital step preceding extensive design work. This rigorous process includes primary elements and is equivalent to a 30% submittal, following the County's Bridge Design Manual.

We are committed to preparing and reviewing Plans, Specifications, and Estimates (PS&E) (65% - Unchecked, 95%- Initial, 100%- Final) in strict compliance with County and Caltrans standards. These reviews involve County and Caltrans engineers and various specialists, tailored to the project's unique needs. Our submissions include comprehensive structure design calculations and independent design check calculations, ensuring precision and transparency in every phase of our structural engineering projects.

GEOTECHNICAL – SOLID FOUNDATION FOR DESIGN

Subsurface Investigation (not just structure foundations for geotechs), is a critical step in a wide range of projects, from road and pavement work to bridges and from bridges, tunnels, retaining walls, sound walls, drainage structures, and more. Whenever new structures, expansions, retrofits, or modifications to existing structures are on the horizon, a Subsurface Investigation becomes essential. The Subsurface Investigation yields the necessary data for further evaluation, analysis and recommendations in subsequent geotechnical and foundation reports.

To ensure excellence, we've partnered with Group Delta, a renowned authority in geotechnical studies, geologic and seismic hazard assessments, and environmental investigations. Their mission is to provide geotechnical insights that inspire innovative and effective designs. Their services encompass various activities, from data review and field exploration to laboratory testing, engineering analysis, and comprehensive reporting.

Our rigorous analysis would be conducted according to industry standards and guidelines, including Caltrans Seismic Design Criteria, AASHTO LRFD design guidelines with Caltrans amendments, and relevant Caltrans Highway Design Manuals. We are experts in the production of various reports, such as Preliminary Geotechnical Reports, Foundation Reports, Geotechnical Design Reports, and more, demonstrating our commitment to thorough documentation.

We emphasize maximizing existing data to minimize the need for additional field investigations. Our fieldwork strategically gathers data to characterize the site and provide valuable insights, considering site constraints and design requirements. Our geotechnical design approach focuses on innovation and practical solutions, considering existing subsurface conditions to bridge the gap between possibility and practicality in every project.

HYDRAULICS AND SCOUR ANALYSES – NAVIGATING THE WATERS

Managing the erosive and damaging impacts of water on infrastructure projects is one of the most important goals for a design team focused on managing maintenance issues for an owner/agency. Hydraulic and hydrology analysis and design are critical for the success of any infrastructure element and the needs of each project is expected to vary by task order scope. Below is an outline of a general approach, with a focus on bridge hydraulic and scour analyses.

Background: Designing structurally sound bridges and ensuring the stability of nearby watercourses requires a comprehensive hydraulic analysis. We start by searching for existing hydraulic models and related information. If a previous study exists, we scrutinize it to see if it applies to the current project. We pay special attention to parameters like the 100-year flow and required freeboard, as mandated by County and Caltrans guidelines.

Field Reconnaissance: Our trusted subconsultant, WEST Consultants, conducts on-site inspections to understand the actual channel conditions. This step helps identify critical parameters necessary for hydraulic modeling and assessing stable channel and scour dynamics. We evaluate factors like channel roughness, dimensions, and other essential attributes.

Hydraulic Analysis: For hydraulic modeling, we either use existing models or create custom ones tailored to the project's specifics. We meticulously define model boundaries to ensure a comprehensive understanding of the project's impact on existing conditions. If it's a new or replacement structure, we focus on the hydraulic design of the structure itself, including the deck, abutments, piers, and more. Our design accommodates the designated flow, ensuring sufficient freeboard and preventing roadway overtopping. We follow established hydraulic modeling procedures, utilizing the HEC-RAS hydraulic model.

Channel Stability, Scour Analysis, and Scour Protection: We also assess channel stability and scour risk near the structure. Our approach examines how construction or modification affects overall stream stability, using a geomorphic perspective.

Hydraulic Design Report: Our efforts culminate in a comprehensive hydraulic report, documenting the data used in our analysis, the underlying assumptions, and the results obtained. This report meets the rigorous review standards of the County and relevant agencies. It also serves as a foundational document for potential revisions of floodplain information, such as a Letter of Map Revision (LOMR), crucial when altering existing

floodway and floodplain mapping, particularly for FEMA's National Flood Insurance Program.

In essence, our approach reflects an unwavering commitment to harnessing hydraulic science to enhance structural safety and environmental stewardship in every project we undertake.

ROADWAY DESIGN – SAFE, EFFICIENT, ACCESSIBLE

The modern transportation system is diverse, and any successful modifications to that system require an expansive toolset of design approaches and solutions. These enhancements span the gamut from street widenings to intersection modifications, from meticulous curb and gutter planning to sidewalk design, and from grading to the integration of access ramps and driveways. Our experience profile extends to the design of medians and the thoughtful incorporation of bike lanes, all culminating in the construction of safe, efficient, and aesthetically pleasing transportation corridors.

Our Expertise: At the heart of our success is a team of highly qualified engineers, poised to respond with alacrity to the County's ever-evolving design needs. Our proficiency extends beyond the scope of traditional roadways to encompass Caltrans-owned facilities. We adeptly navigate the intricacies of interchange ramp design, intersection refinement, and access design, whether driven by maintenance considerations or other requirements.

Navigating Complex Challenges: In on-call projects, we often face the challenge of blending new improvements with existing infrastructure. This might involve widening a street in an established neighborhood or seamlessly adding sidewalks to parkways. These situations demand a seasoned design team with attention to detail. We work tirelessly to minimize disruptions to existing features. Adjusting or relocating driveways, pedestrian pathways, fences, and gates requires careful coordination. Front yard grading and integrating curb and retaining walls are common tactics for profile changes.

Our mission remains rooted in data-driven precision and a commitment to eco-friendly solutions, ultimately reshaping streets into resilient, high-performance conduits of modern mobility.

STREET REHABILITATION

The realm of street rehabilitation unfolds a spectrum of possibilities, contingent upon the interplay of factors that encompass subgrade soils, pavement condition and load-bearing capacity, the demands of vehicular traffic, and the historical layers of street overlays. Solution to this complex mosaic of existing conditions can range from the simple application of seal coating to the rigorous removal and reconstruction of pavement.

Pavement Condition Assessment: A foundational stride in street rehabilitation entails a comprehensive site review that initiates a pavement surface condition survey. This survey becomes the compass that navigates us toward the type of rehabilitation best suited to the particular roadway segment. Typically, pavements exhibiting "slight to moderate" distress may undergo further scrutiny through non-destructive testing (NDT) methods, hinting at potential overlay solutions. Conversely, pavement surfaces categorized as "severe" demand a more radical approach, involving comprehensive removal and replacement.

Data-Driven Precision: Informed by the results of the pavement condition survey, we delve into the realm of NDT and/or borings/corings, each poised to illuminate the optimal path forward. NDT techniques often encompass falling weight deflectometer (FWD) tests, strategically conducted at intervals spanning 100 to 200 feet. The invaluable data gleaned from the FWD tests and on-site sampling become the bedrock upon which we fashion the precise design for cold planing and overlay. The overlay materials may span the spectrum from hot mix asphalt (HMA) to the eco-friendly terrain of rubberized hot mix asphalt (RHMA). Yet, a formidable challenge looms in the form of controlling or mitigating the resurgence of reflective cracks from the underlying pavement. Past approaches that employed pavement fabrics have given way to more sophisticated solutions,

including the deployment of polymer-modified asphalts, rubberized asphalt (ARHM), and stress-absorbing membrane interlayers (SAMI).

Reconstruction Possibilities: For more drastic interventions, we may consider the prospect of removal and reconstruction, potentially embracing hot mix asphalt (HMA) over aggregate base (AB), full-depth HMA, or even the incorporation of Portland cement concrete (PCC) over AB pavements. PCC finds its niche in areas of intense bus and truck traffic queuing, as well as select intersection zones.

The Emergence of Green Technology: A noteworthy development in the domain of asphalt materials takes the form of Warm Mix Asphalt (WMA). This eco-conscious innovation has gained traction as a beacon of green technology thanks to its lower production temperatures which translate to reduced fossil fuel consumption.

BIKEWAY – ALTERNATE MODES OF TRANSPORTATION

Our bikeway designs adhere rigorously to the technical criteria and guidelines established by the Caltrans Highway Design Manual (HDM) and the Manual of Uniform Traffic Control Devices (MUTCD). These standards govern the design of bicycle facilities that encompass a broad spectrum, ranging from shared roadways to distinct, standalone trails.

Project-Driven Design: Our design process is a meticulous response to the project's specific scope and the directives provided by the County. Guided by unwavering technical precision, we implement design guidelines that prioritize safety, accessibility, and operational efficiency. For more complex projects, the incorporation of bicycle/pedestrian bridges and undercrossings becomes an integral component of our strategy. We also recognize the value of community engagement, extending our efforts to involve cycling interest groups and local neighborhoods to enhance the design's practicality.

Depending on the project needs, including site conditions, expected bicycle, roadway traffic and other factors, various bikeway configurations will be considered. The highest level of comfort and safety provided by a Class I or Class IV bikeway, is possible with enough right-of-way, connectivity, traffic, and construction budget. As the planned usage reduces, right-of-way becomes constrained, or when the project budget is limited, bikeway classifications can be stepped incrementally toward a Class II or Class III bikeway. These lower impact options still afford safety measures for bicyclists and encourage active transportation modes for communities.

Bike Path: *Class I bikeways, often referred to as bike paths or shared-use paths, represent a pinnacle in transportation infrastructure.*

Bike Lane: *Class II bikeways are bike lanes essentially designated lanes for bicycles on the streets, clearly marked by painted stripes and signage.*

Bike Route: *Class III bikeways, also known as bike routes, serve as recommended paths for bicyclists on streets they share with motor vehicles.*

Bike Way/Cycle Track: *A Class IV separated bikeway, also known as a cycle track or a protected bike lane, is a designated space exclusively reserved for bicycles.*

ADA COMPLIANCE – MAKING ROADS ACCESSIBLE FOR ALL

When it comes to building or altering streets and roads, one crucial aspect is ensuring accessibility for everyone, in line with the Americans with

Avoiding Utility Conflicts Early On

Caltrans has adopted a proactive approach by incorporating Subsurface Utility Engineering (SUE) or potholing during the Preliminary Engineering Phase. This helps pinpoint the exact locations of buried utilities that might pose conflicts with the design. By doing this early, we can prevent potential disruptions to the roadway or structure design that might occur if utility conflicts are discovered later in the process. ***NCM has collaborated closely with the County to select potholing contractors, following the County's established bid process protocols. This collaborative effort has been applied to several past and ongoing projects, ensuring that utility-related challenges are addressed effectively right from the start.***

LOCATION AT CEDARWOOD ROAD AND BRIAR WOOD ROAD IN SAN DIEGO

Disabilities Act (ADA). This means carefully reviewing existing ADA facilities and updating them to meet the latest standards. Local agencies also have an ongoing responsibility to assess accessibility and make necessary improvements.

Now, here's the technical part: The design standards must follow the stricter of either federal guidelines, recently finalized for enforcement as PROWAG or state regulations. You can find detailed guidance on ADA accessibility for public roads in resources like the Caltrans Design Information Bulletin 82-04 and County standard plans.

It's important to note that if you're using state funds for curb ramps and ADA facilities, you'll need approval from the Division of State Architect. Additionally, for curb ramps and ADA facilities within state rights-of-way, you must obtain approval from Caltrans.

NCM has completed geometric compliance surveys, redesigns and new designs of ADA compliant facilities for hundreds of locations across the State for various agencies, including local counties and Caltrans.

STORMWATER – MASTERING THE ROADWAY DRAINAGE DESIGN

When it comes to designing roadway drainage, our mission is clear: protect nearby properties during storms and ensure a safe path for travel. Here's how we make it happen:

Capacity Assessment: We assess the capacity of streets and gutters to handle stormwater from different types of storms, considering any changes to the drainage area due to road upgrades. We also analyze how these improvements might affect downstream drainage facilities and impacted areas.

Hydrology and Hydraulics Study: Our team conducts a thorough study for each facility, including drainage basin analysis, storm runoff calculations for the design year, and hydrology assessments of tributary basins. In the hydraulic analysis, we determine the size and placement of elements like curb inlets, storm drain pipes, cleanouts, and more.

Key Tasks: Our journey to a drainage report involves various tasks, including data collection, field reviews, confirming drainage patterns, obtaining topographic maps, calculating design flows for different storm scenarios, assessing existing drainage facilities, and estimating construction costs.

Water Quality Measures: We evaluate each project to determine if water quality measures and documentation are necessary. For eligible projects, we explore opportunities to implement permanent Best Management Practices (BMPs) and prepare plans for them based on the "Green Streets-Municipal Handbook."

Pollution and Erosion Control: Our team develops pollution and erosion control plans using BMPs outlined in the "Construction Runoff Guidance Manual." These plans are detailed to ensure environmental compliance and minimize adverse impacts.

Water Quality Management Plan: To complete the picture, we craft a Water Quality Management Plan (WQMP) tailored to the requirements of the Regional Water Quality Control Board (RWQCB). Our goal is to safeguard water quality while adhering to project-specific needs and regulations.

In essence, our mission is to ensure water flows safely and efficiently, protecting properties, pedestrians, and traffic, while also prioritizing environmental responsibility.

LANDSCAPE DESIGN – PRESERVING OR RESTORING THE NATURAL SETTINGS

In roadway/bridge projects, landscape architectural enhancements often revolve around restoring landscaping impacted by adjacent construction. This entails repairing irrigation systems and replacing plant materials. In cases of substantial grading, we extend our scope to include erosion control planting and improvements.

When projects call for entirely new landscape elements, our NCM team is equipped with licensed landscape architects. They are skilled in designing irrigation systems, landscape planting, and various landscape architectural features. These new landscaping endeavors are meticulously crafted to meet local and state standards, including compliance with California AB1881 Water Efficient Landscape Ordinance.

In essence, our approach blends restoration and innovation, ensuring that the natural beauty of the surroundings is preserved and enhanced, while also aligning with contemporary environmental standards.

SIGNING AND STRIPING- ENSURING ROADWAY SAFETY

Our team diligently formulates signing and striping plans, meticulously following the Manual of Uniform Traffic Control Devices (MUTCD) and adhering to County standards. We initiate this process by assessing existing signage to identify any updates required to align with the latest MUTCD guidelines. Adjustments to striping and signing are then made to harmonize with proposed project improvements.

TRAFFIC ENGINEERING - PRECISION IN TRAFFIC CONTROL

Our team offers comprehensive services encompassing signal warrants, traffic signal design (both for modifications and new installations), signal interconnect, traffic control, and lighting. For intricate projects or those that impact major roadways, we develop staging and detour plans when necessary. This involves meticulous coordination to ensure the suitability and safety of detour routes. When detour routes involve other jurisdictions, we engage in coordination and secure the requisite approvals from relevant agencies. All signage and traffic controls are meticulously aligned with the temporary traffic control sections of the MUTCD.

TRAFFIC PLANNING EXPERTISE- PAVING THE WAY FOR MOBILITY

Within the Riverside County region, our team boasts extensive experience in transportation planning and traffic engineering. Our specialization spans mobility/circulation element planning, smart growth planning, bicycle/pedestrian planning, active transportation, and transportation impact studies. We possess an in-depth understanding of the Regional transportation-related standards, guidelines, and policies, along with an unparalleled grasp of the General Plan Mobility Element (ME) and Transportation related funding programs.

Our comprehensive traffic reports encompass traffic forecasts and traffic operations analyses for proposed projects. These reports provide a detailed overview, covering project description, existing conditions, project opening year and design year conditions, accident evaluation, traffic control warrant analysis where relevant, and any necessary mitigation measures to meet operational standards set by the City, County and Caltrans, as applicable to the project.

ENVIRONMENTAL STUDIES AND DOCUMENTATION - A COMMITMENT TO SUSTAINABILITY

Our environmental subconsultant GPA, offers environmental consulting services to various public agencies, including the City, Caltrans. LA County and regional cities, and LA Metro. Our services encompass a wide range of technical studies, such as air quality/GHG, biological and cultural resources, noise, visual/aesthetics, and water quality, among others. We also excel in the preparation of CEQA/NEPA documents, ranging from CEQA Categorical Exemptions to highly-involved joint Environmental Impact Report/ Environmental Impact Statement documents.

Through our track record of success, we have demonstrated our ability to work closely with public agency clients to deliver complex environmental documentation. GPA ability to deliver on-call or traditional projects showcases our proficiency in managing multi-faceted, multi-year projects efficiently and cost-effectively, all while maintaining a high level of expertise.

UTILITY RESEARCH AND COORDINATION- A SEAMLESS APPROACH TO MITIGATING IMPACT

Managing the impact on existing facilities is always a top priority. At NCM, we rely on a tried-and-true strategy to coordinate these efforts seamlessly. It all begins with our established relationships forged through past projects with utility companies. This familiarity allows us to grasp their unique requirements, strategize for their relocation, and address impacts comprehensively, from construction through completion.

The key to success lies in a proactive approach. We initiate early and frequent meetings, ensuring that project information is effectively shared with each utility company. It's crucial to remember that many utility representatives are planners, not engineers. So, simply submitting a set of drawings for proposed crossings won't suffice. We walk each utility representative through the project, fostering a mutual understanding.

RIGHT OF WAY PHASE & DETERMINATION - EARLY PLANNING FOR SMOOTH ACQUISITION

NCM will handle all aspects of right-of-way engineering services and acquisition. We strongly recommend initiating the right-of-way process early in the project's development. We propose a series of meetings and workshops to facilitate consensus on the steps leading to early right-of-way certifications. The impact on right-of-way is heavily influenced by decisions made during the preliminary engineering phase, such as slope choices, retaining walls, horizontal alignments, access requirements, driveway adjustments, vertical alignment criteria, permanent utility easements, and temporary construction easements.

We collaborate closely with property owners to find mutually agreeable solutions. Our partnership with the County's right-of-way agents is crucial for determining compensation and acquiring essential easements or rights-of-entry for offsite enhancements.

COMMUNITY OUTREACH: COMMUNITY BUY-IN THROUGH QUALITY COMMUNICATION

Community acceptance of County-planned improvements is crucial, and NCM fully supports these outreach efforts, as we have on numerous past projects. High-quality graphics, including renderings and photo simulations, serve as powerful tools for conveying project details to stakeholders, resource agencies, and the public.

QUANTITIES AND COST ESTIMATES: QUANTITY TAKEOFFS AND UNIT COSTS MATTER

Accurate quantity calculations are the foundation for contract pricing and contractor payments. NCM employs a highly organized system to calculate and verify quantities, ensuring field personnel can validate these during construction.

SPECIFICATIONS: CRITICAL CONTRACT DETAILS

Thoroughly prepared specifications are vital components of the bid package, minimizing issues during construction. We emphasize careful planning and coordination to prevent rushing this crucial aspect. Specifications provide the construction, completion, and payment details, governing all other parts of the contract.

PLANS EXAMINATION: ENSURING COMPREHENSIVE BID PACKAGES

NCM staff will review bid packages created by others, evaluating completeness and accuracy. This includes plans, estimates, special provisions, quantities, calculations, mitigation measures, right-of-way documents, or other bid document components. Our findings will be documented in a comprehensive report for the County.

BID SUPPORT SERVICES: ASSISTANCE THROUGHOUT THE PROCESS

We offer support in preparing bid packages and notices, attend pre-bid meetings if requested, and respond to bidder questions forwarded by the County. If needed, we can prepare addenda.

CONSTRUCTION SUPPORT SERVICES: GUIDING SUCCESSFUL IMPLEMENTATION

If the County requires construction support services, NCM will provide them. This includes attending meetings, responding to Requests for Information (RFI), reviewing shop drawings, and preparing Contract Change Orders.

AS-BUILT DRAWINGS: RECORDING THE FINISHED PRODUCT

Following construction completion, NCM will create as-built drawings by incorporating all changes from red-lined drawings provided by the contractor, inspector, and resident engineer. The County will receive a set of reproducible as-built drawings and electronic files.

GRANT ADMINISTRATION - WITHOUT FUNDING, THERE ARE NO PROJECTS!

The NCM Team possesses a comprehensive understanding of diverse Transportation Funding Opportunities available through Federal, State, and Regional Programs. This knowledge base equips us to effectively support the City's endeavors in securing funding for multiple project phases within stipulated timelines.

Furthermore, as a NCM's subconsultant, Advance Avant Garde brings specialized expertise in Grant Writing and Funding Administration Services. Specifically tailored for federally funded projects, our services encompass the meticulous preparation of all requisite Local Assistance Procedure Manual Exhibits for submission to Caltrans across key project stages including Preliminary Engineering (RFA), Environmental (PES), Right-of-Way (ROW) Certification, and Construction (CON) Request for Applications.

Our scope extends to managing progress invoicing, facilitating Requests for Authorization for Preliminary Engineering, and orchestrating the transition of projects to the construction phase. We undertake the preparation of Award Packages post-contractor selection and ensure compliance through the diligent preparation of Final Reports of Expenditures for submission to Caltrans.

Moreover, our collaboration includes proactive assistance in identifying and pursuing grants at the federal, state, and local levels. This comprehensive approach supports the City in securing funding for the planning, design, and construction phases of its diverse projects, thereby fostering sustainable development and infrastructure enhancement within the community.

PRIOR RIGHTS EXPERTISE- KNOWLEDGE HELPS WITH BETTER PROJECT RIGHT OF WAY OR UTILITIES STRATEGIES

NCM subconsultant TranSystems is fully equipped to serve as the dedicated focal point for utility-related issues, ensuring a streamlined and comprehensive approach to prior rights and replacement rights considerations.

Our services include the provision and coordination of thorough research into prior rights, facilitating seamless communication and tracking of requests and receipt of prior rights from Third Parties in an iterative manner. We are committed to obtaining and meticulously maintaining records of prior rights information for various Third Parties, crucially contributing to the integrity of the Report of Investigation (ROI).

Furthermore, our collaboration extends to close coordination with the City Attorney's Office to validate prior rights, ensuring legal compliance and accuracy in our assessments. Our team is adept at analyzing and tracking all obtained prior rights information, while diligently assisting in the preparation and review of prior rights exhibits for Third Party property rights, effectively addressing any discrepancies in the information obtained.

We specialize in conducting and coordinating comprehensive reviews of utility rights across diverse landscapes including excess land, public right-of-way, and private property. Our expertise contributes significantly to the Right of Way Certification Process, providing valuable input and tracking essential information for all utility owners involved.

Moreover, we offer invaluable support in interpreting and applying Master Agreements, policies, and requirements pertaining to complex utilities relocations, ensuring appropriate and consistent application throughout the project lifecycle.

With a commitment to excellence, our team stands ready to represent the City at meetings as requested, serving as dedicated stewards of utility-related matters to facilitate the successful execution of the project objectives.

ENGINEERING PLAN CHECK SERVICES - ENSURES COMPLIANCE WITH CITY'S REQUIREMENTS AND DESIGN STANDARDS

Plan checking is a critical City service provided on behalf of the public to ensure the infrastructure they depend on is held to the appropriate standards. Checking engineering plans is two parts, one being the review of design and engineering features to ensure they result in safe and durable designs that meet industry standards and best practices, and two is the quality control aspect to make sure the plans are buildable, constructable, clear and consistent. The NCM team is thoroughly familiar with all design aspects requested in the RFP, from street improvements and drainage to bridge, walls, lighting and utilities, and this expertise translates into high-quality review comments on the design and engineering. As an overlay, our team employs checklists developed for the purpose of reviewing to ensure all appropriate checks are made on each sheet and that no issue is left behind. This has proven to be a reliable method of controlling quality and consistency in the reviewed plans. Plans, and the basis of designs depicted on them, follow various standards depending on the discipline and content. Knowledge of these guidelines, codes and standards is a critical trait of the reviewer; NCM places highly qualified engineers on the review teams rather than less experienced engineers who may not identify nuanced issues. Often, plans are based on the result of separate calculations or reports, and these reports must be reviewed alongside the plans to ensure the plans reflect the recommendations and findings of those documents.

F. CLIENT REFERENCES

F. Client Reference

List the three (3) most recent similar clients (including name, address, contact person, and phone number). For each client provide a description of projects completed and their location. The CITY is most interested in California municipality clients and may randomly select agencies to contact from the list as part of the evaluation process.

Client References for Related Services

NCM's mission statement is "Place the interests of clients and projects above everything, including our bottom line." Strict adherence to spirit of this statement combined with our responsiveness, quality work, and consistently meeting or beating project schedules while staying within negotiated budgets has helped NCM to achieve the stellar success in a short span of 10 years. We encourage the City to contact the references listed below in **Table F-1** that can vouch for NCM's performance on thier projects. Description of comparable and similar project/contracts are highlighted in **Table B-3**.

Table F-1. References for whom NCM has provided similar services of the nature and scope as identified in the RFP.

Client Name	San Diego County, CA
Project Name	San Diego County On-Call Services Contracts 1) As-Needed Engineering Services for FHWA Funded Projects (Contract No. 550261) 2) As-Needed Engineering, Project Management and Land Surveying Services (Contract No. 561886)
Contact(s) and Contact Information	Chris Hanger, Program Manager, San Diego County DPWCIP christopher.hanger@sdcounty.ca.gov | 858.869.5815
	Jim Bolz, PE, PMP, Project Manager, San Diego County DPW-CIP james.bolz@sdcounty.ca.gov| 619.756.4199
Scope	BPMP, Preliminary Engineering, PS&E, Grant Writing, Public Outreach, Drainage, Staff Augmentation, Utility Coordination

Client Name	Orange County Public Works Department
Project Name	Bridge On-Call Design Services Task 2: Bridge Inventory Management and Maintenance Program
Contact Person	Co Phung, PE- Senior Civil Engineer
Contact Information	co.phung@ocpw.ocgov.com | 714.245.4594 601 North Ross Street | Santa Ana, CA 92701
Scope	Bridge inspections, inventory database, workplan and report development, cost estimating

Client Name	San Diego County, CA
Project Name	Riverside County On-Call Engineering Services 1) On-Call Engineering and Environmental Services 2) On-Call Services for Roadway and Highway Engineering
Contact(s) and Contact Information	Cathy Wampler, PE, Engineering Manager, RCTD Project Development, Transportation ADA Coordinator | CWAMPLER@RIVCO.ORG | 951.955.6803
	Alfredo Martinez, PE Engineering Manager, RCTD Project Development almartin@rivco.org | 951.955.0086
Scope	PAED, PS&E, Bid and Construction support for Transportation Proejcts.

G. RIGHTS TO MATERIALS

G. Rights to Materials

All responses, inquiries, and correspondence relating to this RFP and all reports, charts, displays, schedules, exhibits, and other documentation produced by the Consultant that are submitted as part of the Proposal and not withdrawn shall, upon receipt by CITY, become property of CITY.

Rights to Materials

NCM understands and acknowledges that all responses, inquiries, and correspondence relating to this RFP and all reports, charts, displays, schedules, exhibits, and other documentation produced by the Consultant that are submitted as part of the Proposal and not withdrawn shall, upon receipt by the City, become property of the City.

H. SCHEDULE OF HOURLY RATES

H. Schedule of Hourly Rates

CITY OF PICO RIVERA
DEPARTMENT OF PUBLIC WORKS
PR-RFP-037
On-Call Engineering Services

SCHEDULE OF HOURLY BILLING RATES BY PERSONNEL

FIRM: NCM Engineering Corp

Classification	Personnel	Hourly Rate
Principal / QA/QC Engineer	Steve Mislinski	$342.00
Project Manager	Mohan Char	$342.00
Senior Project Engineer	Kimberly Furuyama	$208.00
Principal Engineer	Mark Stiller	$220.50
Senior Civil Engineer	Nick Haigh	$204.00
Senior Bridge Engineer	Lalit Maharjan	$203.00
Project Engineer I	Laura Turbay	$172.00
Associate Engineer II	Alma DeSantiago	$154.00
Landscape Architect	Bob McMahon	$200.00

CITY OF PICO RIVERA
DEPARTMENT OF PUBLIC WORKS
PR-RFP-037
On-Call Engineering Services

SCHEDULE OF HOURLY BILLING RATES BY CLASSIFICATION

FIRM: NCM Engineering Corp

Classification	Hourly Rate Range		
Principal/Principal Project Manager	$342.00		
Senior Project Manager	$ 242.00	to	$ 273.00
Project Manager	$ 230.00	to	$ 251.00
Engineer VII (Principal Engineer)	$ 212.00	to	$ 239.00
Engineer VI (Senior Project Engineer)	$ 208.00	to	$ 221.00
Engineer VI (Senior Civil Engineer)	$ 208.00	to	$ 220.00
Engineer VI (Senior Bridge Engineer)	$ 203.00	to	$ 215.00
Engineer V (Project Engineer II)	$ 185.00	to	$ 203.00
Engineer IV (Project Engineer I)	$ 172.00	to	$ 196.00
Engineer III (Associate Engineer II)	$ 154.00	to	$ 167.00
Engineer II (Associate Engineer I)	$ 131.00	to	$ 150.00
Engineer I (Assistant Engineer)	$ 101.00	to	$ 125.00
Landscape Architect	$ 177.00	to	$ 200.00
Senior CADD Designer	$ 150.00	to	$ 172.00
CADD Designer	$ 104.00	to	$ 131.00
QA/QC Engineer	$ 238.00	to	$ 255.00
Clerical/Administration	$ 88.00		$ 101.00

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SCHEDULE OF HOURLY BILLING RATES BY PERSONNEL

FIRM: ADVANTEC Consulting Engineers, Inc.

Classification	Personnel	Hourly Rate
Project Manager	Keith Rand	$127.62
Traffic Engineer	John Dorado	$104.65
Electrical Engineer	Henry Trinh	$97.00
Traffic Engineer	Armando Solis	$102.09

SCHEDULE OF HOURLY BILLING RATES BY CLASSIFICATION

FIRM: ADVANTEC Consulting Engineers, Inc.

Classification	Hourly Rate Range		
Project Manager	$ 125.00	to	$ 160.00
Senior Project Manager	$ 75.00	to	$ 125.00
Project Engineer	$ 55.00	to	$ 75.00
Associate Engineer	$ 45.00	to	$ 55.00
Assistant Engineer	$ 25.00	to	$ 45.00

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SCHEDULE OF HOURLY BILLING RATES BY PERSONNEL

FIRM: Arellano Associates, LLC

Classification	Personnel	Hourly Rate
Project Manager	Edna Jimenez	$221.03
Deputy Project Manager	Yvette Ximenez	$179.06

SCHEDULE OF HOURLY BILLING RATES BY CLASSIFICATION

FIRM: Arellano Associates, LLC

Classification	Hourly Rate Range		
Principal-In-Charge	$374.90		
Senior Project Manager	$237.81	to	$276.98
Project Manager	$195.85	to	$221.03
Deputy Project Manager	$153.88	to	$179.06
Senior Project Coordinator	$125.90	to	$151.08
Project Coordinator	$86.73	to	$109.11
Assisstant Project Coordinator	$67.15	to	$78.34

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AVANT GARDE

SCHEDULE OF HOURLY BILLING RATES BY PERSONNEL

FIRM: Avant-Garde

Classification	Personnel	Hourly Rate
Program Director	Ana Marie LeNoue	$150.00
Program Director	Lissette Montoya	$150.00
Program Director	Nadine El Sankari	$150.00
Program Manager	Megan LeNoue	$135.00
Program Manager	Melissa Aguilar	$135.00
Program Manager	Khristynne Aramouni	$135.00
Senior Program Coordinator	Keith LeNoue	$125.00
Senior Program Coordinator	Norma Lopez	$125.00

SCHEDULE OF HOURLY BILLING RATES BY CLASSIFICATION

FIRM: Avant-Garde

Classification	Hourly Rate Range
Program Director	$150.00
Program Manager	$135.00
Senior Program Coordinator	$125.00
Program Coordinator	$110.00
Program Assistant	$100.00

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SCHEDULE OF HOURLY BILLING RATES BY PERSONNEL

FIRM: Diaz•Yourman & Associates

Classification	Personnel	Hourly Rate
Geotechnical Principal	S. Niranjanan	$353.74
Geotechnical Project Engineer I	Britton Howay	$222.00

SCHEDULE OF HOURLY BILLING RATES BY CLASSIFICATION

FIRM: Diaz•Yourman & Associates

Classification	Hourly Rate Range		
QA/QC Principal	$ 349.00	to	$ 349.00
Senior Geotechnical Engineer	$ 268.00	to	$ 268.00
Geotechnical Project Engineer II	$ 243.00	to	$ 243.00
Geotechnical Project Engineer I	$ 222.00	to	$ 222.00
Geotechnical Staff Engineer II	$ 202.00	to	$ 202.00
Geotechnical Staff Engineer I	$ 177.00	to	$ 177.00
CADD Operator	$ 127.00	to	$ 127.00
Technical Editor	$ 154.00	to	$ 154.00
Technician II	$ 180.00	to	$ 180.00
Technician I	$ 148.00	to	$ 148.00
Prevailing Wage - Weekdays	$ 205.00	to	$ 205.00
PW - Weekday OT	$ 243.00	to	$ 243.00
PW - Weeknights, Saturdays	$ 243.00	to	$ 243.00
PW - Sundays, Holidays	$ 282.00	to	$ 282.00

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SCHEDULE OF HOURLY BILLING RATES BY PERSONNEL

FIRM: GPA Consulting

Classification	Personnel	Hourly Rate
Principal Environmental Planner	Richard Galvin	$363.00
Principal Environmental Planner	Erinn Silva	$363.00
Principal Environmental Planner	Ryan Todaro	$363.00
Senior Associate Environmental Planner	Laura Comstock	$289.00
Senior Environmental Planner	Marya Samuelson	$210.00
Senior Environmental Planner	Catherine Saint	$210.00
Senior Environmental Planner	Meagan Flacy	$210.00
Environmental Planner	Logan Faltas	$116.00
Environmental Planner	Riley Vera	$116.00
Environmental Planner	Savannah Marburger	$116.00
Environmental Planner/Biologist	Kayla Fon	$116.00
Environmental Planner	Monica Carvalheira	$116.00
Senior Associate Architectural Historian	Jenna Kachour	$221.00
Senior Architectural Historian	Amanda Duane	$184.00
Senior Architectural Historian	Audrey von Ahrens	$184.00
Associate Architectural Historian	Emma Haggerty	$147.00
Senior Associate Biologist	Jennifer Johnson	$247.00
Senior Biologist	Angela Scudiere	$200.00
Associate Biologist	Victoria Masjuan	$142.00
Biologist	Mario Mayo	$116.00

CITY OF PICO RIVERA
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SCHEDULE OF HOURLY BILLING RATES BY CLASSIFICATION

FIRM: GPA Consulting

Classification	Hourly Rate Range		
Principal Environmental Planner	$ 345.00	to	$ 381.15
Senior Associate Environmental Planner	$ 275.00	to	$ 303.45
Senior Environmental Planner	$ 200.00	to	$ 220.50
Associate Environmental Planner	$ 135.00	to	$ 149.10
Environmental Planner	$ 110.00	to	$ 121.80
Senior Associate Biologist	$ 235.00	to	$ 259.35
Senior Biologist	$ 190.00	to	$ 210.00
Associate Biologist	$ 135.00	to	$ 149.10
Biologist	$ 110.00	to	$ 121.80
Principal Architectural Historian	$ 315.00	to	$ 347.55
Senior Associate Arch. Historian	$ 210.00	to	$ 232.05
Senior Architectural Historian	$ 175.00	to	$ 193.20
Associate Architectural Historian	$ 140.00	to	$ 154.35
Architectural Historian II	$ 110.00	to	$ 121.80
Architectural Historian I	$ 100.00	to	$ 110.25
Sr. GIS Analyst	$ 180.00	to	$ 198.45
Project Coordinator	$ 125.00	to	$ 138.60
Administrative Assistant/ Clerical	$ 80.00	to	$ 88.20
Intern	$ 65.00	to	$ 72.45

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SCHEDULE OF HOURLY BILLING RATES BY PERSONNEL

FIRM: Parsons Transportation Group

Classification	Personnel	Hourly Rate
Principal	Sam Ekrami	$338.80
Senior Project Manager	Amit Shah	$323.60
Engineering Manager	Brian Patschull	$261.99
Project Manager	Dylan Tran	$217.80
Senior Civil Engineer	Raymond Ong	$193.60
Engineer III	Hui Lui	$164.90

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SCHEDULE OF HOURLY BILLING RATES BY CLASSIFICATION

FIRM: Parsons Transportation Group

Classification	Hourly Rate Range		
Principal	$338.80		
Senior Project Manager	$ 302.50	to	$ 326.70
Project Manager	$ 217.80	to	$ 254.10
Senior Project Engineer	$ 193.60	to	$ 217.80
Project Engineer	$ 169.40	to	$ 193.60
Principal Bridge Engineer	$ 217.80	to	$ 266.20
Senior Bridge Engineer	$ 205.70	to	$ 217.80
Engineer III	$ 157.30	to	$ 181.50
Engineer II	$ 121.00	to	$ 145.20
Engineer I	$ 108.90	to	$ 121.00
Assistant Engineer	$ 96.80	to	$ 108.90
Senior CADD Designer	$ 121.00	to	$ 145.20
CADD Designer	$ 96.80	to	$ 121.00
QA/QC Engineer	$ 266.20	to	$ 290.40
Landscape Architect	$ 145.20	to	$ 169.40

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SCHEDULE OF HOURLY BILLING RATES BY PERSONNEL

TATSUMI AND PARTNERS, INC.

FIRM: Tatsumi and Partners, Inc.

Classification	Personnel	Hourly Rate
Senior Principal	David Tatsumi	$265.00
Senior Associate	Michael Aceves	$178.00
Senior Associate	Jennifer Taira	$178.00
Senior Designer	Jimmy Ogata	$151.00
Task Leader	Alexa Miranda Flores	$127.00
Technical Staff III	Andrew Wasef	$116.00
Technical Staff III	Karla Valdiviezo	$116.00
Technical Staff II	Guadalupe Rodriguez	$105.00
Technical Staff II	Oseas Cruz	$105.00
Technical Staff I	Joanne Park	$79.00

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TATSUMI AND PARTNERS, INC.

SCHEDULE OF HOURLY BILLING RATES BY CLASSIFICATION

FIRM: Tatsumi and Partners, Inc.

Classification	Hourly Rate Range		
Senior Principal	$ 250.00	to	$ 270.00
Senior Associate	$ 166.00	to	$ 221.00
Senior Associate	$ 166.00	to	$ 221.00
Senior Designer	$ 148.00	to	$ 165.00
Task Leader	$ 127.00	to	$ 147.00
Technical Staff III	$ 114.00	to	$ 126.00
Technical Staff III	$ 114.00	to	$ 126.00
Technical Staff II	$ 104.00	to	$ 113.00
Technical Staff II	$ 104.00	to	$ 113.00
Technical Staff I	$ 78.00	to	$ 103.00

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SCHEDULE OF HOURLY BILLING RATES BY PERSONNEL

FIRM: Transystems

Classification	Personnel	Hourly Rate
Senior Program Manager	Vicky Cook	$275.00
Senior Project Manager	Roy Guinaldo	$192.50
Project Manager	Kelly Dewitt	$176.00
Senior Agent	Katie Quick	$159.50
Project Controls	Cindy Hernandez	$143.00
Senior Utility Manager	David Moore	$220.00
Utility Coordinator	Juliana Cervantes	$148.50
Senior Roadway Engineer	Rafael Anaya, PE	$294.52
Drainage Engineer	Sepideh Sarachi, PE	$196.82
Roadway Engineer	Jesus Barriga, PE	$197.23

CITY OF PICO RIVERA
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SCHEDULE OF HOURLY BILLING RATES BY CLASSIFICATION

FIRM: TranSystems

Classification	Hourly Rate Range (Average)
Senior Program Manager	$275.00
Program Manager	$220.00
Senior Project Manager	$192.50
Project Manager	$176.00
Senior Agent/Sr. Analyst	$159.50
Agent/Analyst	$143.00
Senior Utility Manager	$220.00
Utility Manager	$181.50
Senior Utility Coordinator	$165.00
Utility Coordinator	$148.50
Administrative Assistant	$110.00
Senior Roadway Engineer/ Project Manager	$310.00
Drainage Engineer	$210.00
Roadway Engineer	$210.00

CITY OF PICO RIVERA
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SCHEDULE OF HOURLY BILLING RATES BY PERSONNEL

FIRM: Wagner Engineering & Survey, Inc.

Classification	Personnel	Hourly Rate
Principal Civil Engineer/Surveyor	Stephanie A. Wagner	$364.00
Deputy Project Manager	Paul A. Wagner	$327.00
Survey Manager	Armando V. Abad	$265.00
ROW Engineer	Diana Knezevic	$214.00
Senior Civil Engineer	Dan Lazo	$248.00
Assistant Survey Manager	Mark Vinluan	$211.00
Survey Technician III	Hugo Guardado	$166.00
Survey Technician III	Oscar Garcia	$161.00
Survey Technician II	Morteza Taheriborj	$118.00
Survey Technician II	Rene Guardado	$118.00
CA LS Party Chief*	Kieran Doherty	$229.00
CA LS Party Chief*	Mario Garcia	$229.00
Certified Party Chief*	Jed Harrington	$220.00
Party Chief*	Alfredo Martinez	$213.00
Party Chief*	Cristian Martinez Sr.	$213.00
Chainman*	Anthony Garcia	$192.00
Chainman*	Raymond Castro	$192.00
Chainman*	Sean Ward	$192.00
Chainman*	Cristian Martinez Jr.	$192.00
Chainman, LSIT*	Yoshihiro Kawanaka	$195.00
Survey Technician/Survey Apprentice G, LSIT*	Carlos Gutierrez	$154.00
Survey Apprentice D*	Daniel Castro	$127.00

*Classification Subject to Prevailing Wages

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SCHEDULE OF HOURLY BILLING RATES BY CLASSIFICATION

FIRM: Wagner Engineering & Survey, Inc.

Classification	Hourly Rate Range		
Principal Civil Engineer/Surveyor	$364.00		
Deputy Project Manager	$ 330.00	to	$ 350.00
Survey Manager	$ 265.00	to	$ 285.00
ROW Engineer	$ 214.00	to	$ 225.00
Senior Civil Engineer	$ 248.00	to	$ 272.00
Assistant Survey Manager	$ 211.00	to	$ 232.00
Survey Technician	$ 118.00	to	$ 182.00
CA LS Party Chief*	$ 229.00	to	$ 251.00
Certified Party Chief*	$ 220.00	to	$ 242.00
Party Chief*	$ 213.00	to	$ 234.00
Instrumentman*	$ 194.00	to	$ 213.00
Chainman*	$ 192.00	to	$ 211.00
Survey Apprentice*	$ 89.00	to	$ 169.00

*Classification Subject to Prevailing Wages

APPENDIX A
RESUMES OF KEY PERSONNEL

MOHAN CHAR, PHD, PE

PROJECT MANAGER

EDUCATION

PhD, Structural Engineering, University of Arizona, Tucson, Arizona
MS, Structural Engineering, Memorial University of Newfoundland, St. John's, Newfoundland, Canada
BS, Civil Engineering, University of Madras, Chennai, India

REGISTRATIONS

PE, Civil, California #57894

YEARS OF EXPERIENCE: 29 (10 with current firm)

With over 29 years in Highway-Bridge Project development, Mohan guides projects from initiation to completion. He's led diverse projects, managing budgets from thousands to tens of millions, working with clients like Caltrans, Metropolitan Planning Organizations, and various counties and cities. His expertise lies in multidisciplinary team management, overseeing engineers in geometrics, traffic, structures, drainage, and geotechnics. He excels in balancing environmental impact and cost-efficient solutions, making informed decisions throughout project phases. Mohan's consensus-building, innovative problem-solving, and meticulous approach distinguish him in the field.

VALUE ADDITION TO THE CITY

- ✓ A Project Principal who embodies outstanding leadership traits – technical knowledge, hard work, ethics, dedication, passion, responsiveness, and quality conscious
- ✓ Unparalleled As-Needed/On-Call Contracts experience in Southern California across broad spectrum of clients (Riverside County, Orange County, San Diego County, Caltrans, MPOs)
- ✓ Practical understanding of Caltrans Local Assistance Guidelines and Procedures, and thorough knowledge of AASHTO/Caltrans design standards.
- ✓ Provides unique perspectives through experience working on transportation projects on multiple freeways (many of them most heavily congested) throughout the state: I-5, I-405, I-10, I-710, I-805, I-80, I-15, I-215, SR-210, SR-1, SR-90, SR-91, SR-60, SR-111, SR-133 and US-101.

REPRESENTATIVE PROJECT EXPERIENCE

City of Pico Rivera | Telegraph Road Over San Gabriel River Replacement, Pico Rivera, CA

Project Manager. Mohan is leading this HBP Funded bridge replacement project and is currently supporting the City in seeking additional funding needed for design and construction. The project is currently in PAED phase developing environmental technical studies. Telegraph Road is a major east-west corridor through the Los Angeles County subregion, connecting cities of Pico Rivera, Downey, Santa Fe Springs, La Mirada, Commerce, Montebello, and unincorporated County of Los Angeles. The project will replace the existing 4-lane bridge crossing San Gabriel River with a 6-lane bridge to improvement travel time reliability by eliminating the bottleneck on Telegraph Road.

The project also proposes to improve safety by implementing Class II Bike Lanes within the limits of the project.

Caltrans District 7 | (Contract No. 07A4551) Multi-Phase Project Specific Design Services, Los Angeles and Pasadena, CA

Contract Manager. Caltrans District 7, through their first ever Phase-Order on-call contract program, is replacing bridge barriers and performing associated rehabilitation on the Fifth and Sixth Street Overcrossings at SR-110 near downtown Los Angeles and on Arroyo Seco Bridge carrying SR-134 and Orange Grove Boulevard On-Ramp Overcrossing in Pasadena. Barriers will be upgraded to current AASHTO/MASH compliant safety barriers and ADA compliant sidewalks. NCM is implementing the latest in the Caltrans barrier

retrofit design methodology. NCM was responsible for delivery of the environmental documentation, project report, APS and Type Selection Report, drainage studies/SWDR, TMP, hazardous materials investigations and reporting, coordination with City of LA and utility stakeholders, bridge design and independent check calculations, and highway, traffic, electrical, signage and staging plans, specifications, and estimates. NCM managed comprehensive coordination with District 7 functional units, Structures/Headquarters and DOE, to RTL the projects on expedited schedules.

Under the leadership of Mohan, NCM Team delivered the PAED successfully, in a record time of less than a year, and won accolades from Caltrans for quality, timeliness, and responsiveness. In recognition of that, Caltrans retained the services for NCM Team for PS&E Phase of both the projects which were also delivered under a highly compressed schedule.

RCTD | On-Call Services Agreements
1) Federal, Environmental and Engineering On-Call Services (Contract No. 15-07-003), Riverside County, CA
2) Non-Federal, On-Call Engineering Services for Roadway/Highway Engineering (Contract No. 19-07-003), Riverside County, CA

Project Manager/Project Director. These two On-Call contracts represent NCM's stellar reputation in the Southern California region, and these ones are with County of Riverside (neighboring County to San Bernardino County). Mohan served in the key roles of Project Manager on Contract No. 1 ($2.5M over 5 years) and Principal-In-Charge on Contract No. 2 ($2.5M over 5 years). He was responsible for overseeing successful delivery of 11 Task Orders and 2 stand-alone projects in Contract 1, and providing financial and staff resources for the ongoing Contract 2 to help deliver 11 Task Orders.

County of San Diego On-Call Contracts
1) As-Needed Engineering Services for FHWA Funded Projects (Contract No. 550261), San Diego County, CA
2) Non-Federal, As-Needed Engineering, Project Management, and Land Surveying Services (Contract No. 561886), San Diego County, CA

Project Manager. Mohan is currently serving as the Project Manager and led the effort to complete preliminary engineering reports, engineering studies (geotechnical, hazardous waste, hydrology and hydraulics, traffic, drainage, etc.), preliminary engineering, right-of-way engineering, utilities, PS&E, bid and construction support, and In-House PM Support under 28 Task Orders over the last 6 years. His leadership style has garnered accolades from County staff on their task orders.

Bridge Preventive Maintenance Program Plan Projects (Multiple Agencies: City of Rancho Santa Margarita, County of San Diego/Tulare /Kings/Kern, City of Huntington Beach, Caltrans)

Project Manager / Structure Lead. Mohan has managed all phases of BPMP projects – development, funding, programming, PAED, PS&E, and Construction across multiple clienteles. He developed the first BPMP Plan in the State of California for the County of San Diego. For clients with large bridge inventory, he developed a strategy to group bridges distributing the funding over multiple fi scal years. This provided both Caltrans and local agencies with the ability to allocate funding across multiple projects.

City of Rancho Santa Margarita | Santa Margarita Parkway Bridge Rehabilitation, Rancho Santa Margarita, CA

Project Manager. The federal HBP funded (BPMP) $5M+ project involved PAED/PS&E and Bid & Construction Phases replacement of a defective hinge and implemented repair measures prescribed in Caltrans Bridge Inspection Report on a major bridge across Arroyo Trabuco Creek in the City of Rancho Santa Margarita. Under Mohan's leadership several innovative strategies were developed and were implemented with great success: – 1) hinge replacement of a one half of the hinge while maintaining traffic on the other half 2) jacking steps to ensure proper hinge alignment during and after construction, and 3) traffic handling by routing eastbound traffic onto parallel bridge carrying westbound traffic. Mohan also helped the City obtain all the necessary HBP funds and approvals on Request for Authorizations (E-76).

KIMBERLY FURUYAMA, PE

TASK ORDER LEAD

EDUCATION

MS, Structural Engineering, University of California, Irvine
BS, Civil Engineering, University of California, Irvine

REGISTRATIONS

PE Civil, California #92573

YEARS OF EXPERIENCE: 16 (10 with current firm)

With an experience profile exceeding 16 years, Kimberly's expertise shines through in various aspects of bridge focused projects. Her expertise encompasses all phases of BPMP Projects – preparing funding applications packages for programming, obtaining authorizations (E-76) to proceed through various phases (PAED, PS&E and Bid & Construction support). Her multi-disciplinary experience spans new bridges, widenings, seismic retrofit, and rehabilitation across California — from initial planning to meticulous designing, procurement, and construction stages. Her profound understanding of Caltrans Standards, design protocols, and Local Assistance Guidelines for HBP and BPMP further fortifies her proficiency.

Notably, Kimberly's engagement with local agencies and Caltrans on both individually programmed and lump sum HBP projects provides her with a distinctive vantage point to steer the City's BPMP initiative. Her distinction is underscored by the ASCE New Faces of Civil Engineering - Professional Edition recognition in 2014, a prestigious honor bestowed upon only 10 individuals worldwide..

VALUE ADDITION TO THE CITY

- ✓ Unparalleled understanding of Caltrans Local Assistance policies, procedures, processes, and guidelines
- ✓ Instrumental in securing federal funds(HBP/BPMP, PNRS, TIGER, ATP) to the tune of $250 million for local agencies in Southern California
- ✓ Currently serving/has served in the role of Task Order Lead on two On-Call contracts – federal and non-federal - with the County of San Diego.
- ✓ Currently serving as Deputy Project Manager on City's Telegraph Road over San Gabriel River Bridge Replacement Project

REPRESENTATIVE PROJECT EXPERIENCE

City of Pico Rivera | Telegraph Road over San Gabriel River Bridge Replacement, Pico Rivera, CA

Deputy Project Manager. Kimberly is responsible for day to day management of the project. She is currently assisting the City in evaluating funding opportunities to request additional funding needed for design and construction. The project is currently in PAED phase developing environmental technical studies. Telegraph Road is a major east-west corridor through the Los Angeles County subregion, connecting cities of Pico Rivera, Downey, Santa Fe Springs, La Mirada, Commerce, Montebello, and unincorporated County of Los Angeles. The project will replace the existing 4-lane bridge crossing San Gabriel River with a 6-lane bridge to improvement travel time reliability by eliminating the bottleneck on Telegraph Road. The project also proposes to improve safety by implementing Class II Bike Lanes within the limits of the project.

County of San Diego On-Call Contracts
1) As-Needed Engineering Services for FHWA Funded Projects (Contract No. 550261), San Diego County, CA
2) Non-Federal, As-Needed Engineering, Project Management, and Land Surveying Services (Contract No. 561886), San Diego County, CA

Task Order Lead. Kimberly provided critical engineering and management support necessary to effectively manage 28 task orders under the 2 on-call contracts. Kimberly received high praise from County PMs for her uncanny ability to pay attention to minutest details in all facets of a project, which contributed to high quality contract documents. Projects task orders have included ADA Curb Ramp Improvements, AC Culvert Replacements and preparation of preliminary Engineering Reports (PERs) to support federal funding/grant writing applications.

Caltrans District 7 | (Contract No. 07A4551) Multi-Phase Project Specific Design Services, Los Angeles and Pasadena, CA

Phase Order Manager. Caltrans District 7, through their first ever Phase-Order on-call contract program, is replacing bridge barriers and performing associated rehabilitation

on the Fifth and Sixth Street Overcrossings at SR-110 near downtown Los Angeles and on Arroyo Seco Bridge carrying SR-134 and Orange Grove Boulevard On-Ramp Overcrossing in Pasadena. Barriers will be upgraded to current AASHTO/ MASH compliant safety barriers and ADA compliant sidewalks. NCM is implementing the latest in the Caltrans barrier retrofit design methodology. NCM was responsible for delivery of the environmental documentation, project report, APS and Type Selection Report, drainage studies/SWDR, TMP, hazardous materials investigations and reporting, coordination with City of LA and utility stakeholders, bridge design and independent check calculations, and highway, traffic, electrical, signage and staging plans, specifications, and estimates. NCM managed comprehensive coordination with District 7 functional units, Structures/Headquarters and DOE, to RTL the projects on expedited schedules.

Kimberly served as the Phase Order Manager responsible for all facets of PAED and PS&E. Both projects were delivered in a record time to meet SHOPP funding deadlines, and are currently in construction.

I-405 Auxiliary Lanes Improvements Projects Torrance/Lawndale/ Hawthorne, CA

Project Engineer. The Los Angeles County Metropolitan Transportation Authority (Metro), in cooperation with the California Department of Transportation (Caltrans) District 7 and the South Bay Cities Council of Governments is proposing improvements to Interstate 405 (I-405) from Artesia Boulevard to El Segundo Boulevard. Proposed improvements include the addition of auxiliary lanes within the Caltrans right of way (ROW) and a lane extension along southbound I-405 between the I-105 connector and the off-ramp to eastbound Rosecrans Avenue. Kimberly is responsible for overseeing the development of stage construction plans and estimates. The project recently completed the 65% PS&E.

RCTC/Caltrans District 8 | I-15 Express Lanes Project Design-Build, Riverside County, CA

Project Engineer. The Riverside County Transportation Commission (RCTC), in cooperation with Caltrans District 8, contracted with the Skanska-Ames Deisgn-Build Team for the developed of an express lane network on Interstate 15 (I-15) within Riverside County to improve existing and future traffic operations and mainline travel times, expand travel choice, increase travel time reliability, and expand the express lanes network. Kimberly served in the role of project engineer responsible for design of two bridges, and preparation of structures standard special provisions for all the structures. In addition, Kimberly served in the role of structures coordinator facilitating Task Work Group meetings, focus meetings, and comment resolution meetings to advance the project and maintain project's design schedule.

STEVE MISLINSKI, PE

PROJECT PRINCIPAL & QA/QC

EDUCATION

MS, Civil Engineering, California State University, Sacramento
BS, Structural Engineering, University of California, San Diego

REGISTRATIONS

PE Civil, California #61834

YEARS OF EXPERIENCE: 26 (10 with current firm)

Steve is a NCM principal who has demonstrated experience leading multi-discipline teams in support of Caltrans for projects on the State Highway System. He has managed work on District and HQ Structures contracts and understands the coordination that must take place to efficiently incorporate Structures Items into the District design packages. As a project manager, he has performed project wide coordination and oversight for projects with multiple agency and community involvement, and has extensive utility coordination and relocation experience. His broad experience includes significant design and project management for delivery of roadway maintenance and rehabilitation improvements, grade separations, road/highway and bridge widenings, interchange improvements, bridge retrofits and rehabilitations and bridge replacement projects. Much of his recent experience has been on projects within Caltrans District 6 and Central Region Districts and includes projects completed under Central Region on-call design support contracts.

VALUE ADDITION TO THE CITY

- ✓ Extensive expereince managing and overseeing multidiscilines for Local Agency and Caltrans roadway projects
- ✓ Extensive Caltrans HBP Project Experience recently delivering four separate bridge projects over waterways for County of Kings and Tulare

REPRESENTATIVE PROJECT EXPERIENCE

On-Call Bridge Design Services, Tulare County, CA

Contract Manager. Steve is responsible for overseeing the engineering team and environmental consultant in the development of preliminary and final bridge engineering. NCM Engineering was selected by Tulare County to provide on-call bridge/structures engineering and project delivery services. Projects to date include evaluation of the County's 355 bridge inventory and development of the County Bridge Preventive Maintenance Program to address maintenance needs, and preliminary engineering, type selection, environmental support, final design and PS&E for five bridges. The Avenue 364 Bridge over Cottonwood Creek is currently in construction and is replacing the existing bridge with a 3-span, 110-ft concrete fl at slab Construction Cost: $1.6M, Avenue 392 Bridge over Sand Creek was replaced with a 3-span, 100ft flat slab Construction Cost: $1.73M, Avenue 174 Bridge over the Friant-Kern Canal will be replaced with a 2-span, 100ft PC/PS hollowcore slab Road D112. Bates Slough Box Culvert will be replaced with a 2-barrel culvert and the Road D112 Bridge over the N. Branch Tule River will be replaced with a 4-barrel culvert.

City of Shafter | 7th Standard Road Widening, Sahfter, CA

Project Manager. Steve is responsible for oversight on all components on this road widening project. 7th s=Standard Road is a major East-West route in Kern County. The City of Shafter is proposing to widen 7th Standard Road to a four-lane expressway between SR-43 and Galpin Street. The project is currently in PAED phase developing multiple roadway alternatives to reduce right

of way and utility impacts. The alternatives are also evaluating accommodations for the ultimate 6-lane divided expressway.

Caltrans District 6 | Caltrans Central Region Project Development Services (Contract 06A2655), District 6, CA

Contract Manager. This contract involves "As-Needed" Project Development, Design and Construction Services for projects in District 6 and has included 25 task orders to date. Eighteen task orders involve support for District 6 UEW and include utility mapping, utility verification, conflict identification, pothole field support, utility PS&E and certification prior to RTL. The other task orders included project report development, final design, development of PS&E and construction support for culvert rehabilitation, roadway rehabilitation, rumble strips and CAPM. Other project components include guardrail upgrades, hydraulics analysis and drainage design, modification of traffic signals and other electrical systems and associated work.

Caltrans District 6 & 9 | Caltrans Central Region Project Development Services (Contract 06A2032), Districts 6 & 9, CA

Contract Manager. KThis contract involved "As-Needed" Project Development, Design and Construction Services for projects in Districts 6 & 9 and has included 11 task orders – Task Order #1, #8 and #11 for staff augmentation assignments, Task Order #2 and #3 for peer review of Caltrans designed roundabouts, Task Order #4: SR-198 Median Barrier and Shoulder Widening (06-0R050_), Task Order #5: SR-168 Gore Paving Improvements (06-0E350_), Task Order #7: SR-198 Roadway Rehabilitation and Shoulder Widening (06-0S340_), Task Order #9: SR-216 Landscape Construction Support Services (06-43071_), Task Order #12: SR-198 MVP, Gore Paving and Slope Paving Improvements and Task Order #13: I-5 Roadway Rehabilitation. Staff augmentation assignments were for a transportation engineer to work in the District 9 offices under the direction of Caltrans Senior Engineers for design development support on various projects. The other task orders included final design, development of PS&E and construction support for median barriers, roadway rehabilitation, shoulder widening, gore paving, new MVPs, and slope paving; guardrail upgrades, hydraulics analysis and drainage design; relocation of ramp metering equipment, modification of traffic signals and other electrical systems and associated work.

Caltrans Central Region Project Development Services (Contract 06A2419), District 10, CA

Contract Manager. This contract includes "As-Needed" Project Development, Design and Construction Services for projects in District 10 and to date, has 20 task orders – Task Orders 1, 16, 19 & 20 include roadside safety improvements with MVP's and gore and slope paving, Task Order 2 involves reconstruction of SR99 through Atwater, Task Orders 3 & 8 are CAPM pavement improvements, Task Orders 4 & 9 are drainage restoration with culvert lining and replacements, Task Orders 5, 11, 17, 21 & 22 are guardrail upgrade projects, Task Order 10 is upgrading TMS/MVDS elements throughout the District, Task Order 12 is implementing intersection safety improvements, Task Order 13 analyzed horizontal curve warning signs throughout the District, Task Orders 14 & 15 involve ADA improvements and Task Order 18 was a rumble strip project. Work on these task orders includes final design, development of PS&E and construction support for new MVPs, gore and slope paving, reconstruction and rehabilitation of freeway pavement, pavement maintenance improvements, upgrade of existing guardrail to current standards, replacement or repair of deteriorated cross drainage systems and associated work, such as hydraulics analysis, drainage improvements, and electrical and irrigation modifications.

NICK HAIGH, PE

ROADWAY/HIGHWAY/CIVIL LEAD

EDUCATION

BEng (Honors), Civil Engineering, University of Dundee, United Kingdom

REGISTRATIONS

PE Civil, California #71673

YEARS OF EXPERIENCE: 32 (6 with current firm)

Nick brings over 32 years of highway management and design experience on transportation projects including major freeway widenings, express lanes, and alternative delivery projects with Caltrans oversight and approvals. Nick is highly regarded for delivering freeway corridor within Caltrans District 7 and 11. He brings a wealth of technical and management experience and a clear understanding of Caltrans policies, procedures, directives, and practices. Nick also brings significant experience in alternative delivery from his leading roles on I-805 North HOV/BRT, I-10/I-110 Metro Express Lanes, and I-15 Express Lanes Design-Builds.

VALUE ADDED TO THE CITY

- ✓ Varied and unparalleled Caltrans freeway design experience encompassing all facets of project delivery – planning to preliminary engineering to final design to bid & construction support.
- ✓ Currently servings as Task Manager for Caltrans District 6, 9, and 10 On-Call projects, and brings up-to-date Caltrans knowledge

REPRESENTATIVE PROJECT EXPERIENCE

LA Metro | I-605/Valley Boulevard Interchange Improvements, Los Angeles County, CA

Senior Roadway Engineer/Deputy Project Manager. Caltrans, in cooperation with LA Metro, San Gabriel Valley Council of Governments (SGVCOG), Gateway Cities Council of Governments (GCCOG), Los Angeles County Department of Public Works (LACDPW), and City of Industry propose to improve mobility and relieve congestion, capacity constraints, and other related deficiencies on Interstate 605 (I-605) at the Valley Boulevard interchange. The I 605/Valley Boulevard Interchange Improvements Project (project) is an Early Action Project (EAP) of the I-605 Corridor Improvement Project (CIP). Nick is responsible for overseeing all components of the PS&E delivery. The project is currently addressing 95% agency comments.

Caltrans Central Region | Project Development Services (Contract 06A2033), Caltrans District 10, CA

Task Order Manager. This contract includes "As-Needed" Project Development, Design and Construction Services for projects in District 10 and has included 5 task orders – Task Order #1 through #3 for staff augmentation assignments, Task Order #4: I-5 MVP and Gore Paving Improvements (10-0X720_) and Task Order #5: I-205 MVP, Gore Paving and Slope Paving Improvements (10-0X700_). Task Order #4 includes final design, development of PS&E and construction support for improvements on I-5 from Charter Way to Eight Mile Road that include 27 new MVPs and 34 gore paving locations and associated work, such as hydraulics analysis, drainage improvements, and electrical and irrigation modifications. Task Order #5 includes final design, development of

PS&E and construction support for improvements on I-205 from Hanson Road to Paradise Road that includes 9 new MVPs, 15 gore paving locs, new slope paving at 16 bridge structures and associated work, such as hydraulic analysis, drainage improvements and irrigation modifications. Nick was responsible for leading the technical efforts on Task Order #5 for final design and development of PS&E. His responsibilities included coordination with the NCM contract manager, design staff, subconsultants, the Caltrans task manager and functional units for completion of all submittals.

Caltrans District 10| Central Region Project Development Services (Contract 06A2419), District 10, CA

Task Order Manager. This contract includes "As-Needed" Project Development, Design and Construction Services for projects in District 10 and to date, has 20 task orders – Task Orders 1, 16, 19 & 20 include roadside safety improvements with MVP's and gore and slope paving, Task Order 2 involves reconstruction of SR99 through Atwater, Task Orders 3 & 8 are CAPM pavement improvements, Task Orders 4 & 9 are drainage restoration with culvert lining and replacements, Task Orders 5, 11, 17, 21 & 22 are guardrail upgrade projects, Task Order 10 is upgrading TMS/MVDS elements throughout the District, Task Order 12 is implementing intersection safety improvements, Task Order 13 analyzed horizontal curve warning signs throughout the District, Task Orders 14 & 15 involve ADA improvements and Task Order 18 was a rumble strip project. Work on these task orders includes final design, development of PS&E and construction support for new MVPs, gore and slope paving, reconstruction and rehabilitation of freeway pavement, pavement maintenance improvements, upgrade of existing guardrail to current standards, replacement or repair of deteriorated cross drainage systems and associated work, such as hydraulics analysis, drainage improvements, and electrical and irrigation modifications. Nick is leading design and project delivery efforts for Task Orders 1, 3 and 17.

I-15 Express Lanes Project Design-Build, Riverside County, CA

Senior Highway Engineer. The Riverside County Transportation Commission (RCTC), in cooperation with the California Department of Transportation (Caltrans) to construct express lanes on a portion of Interstate 15 (I-15) within Riverside County to improve existing and future traffic operations and mainline travel times, expand travel choice, increase travel time reliability, and expand the express lanes network. The project constructed one to two express lanes between post miles (PM) 36.8 and PM 51.4 in Riverside County, approximately 14.6 miles. NCM was responsible for leading all structures components, including bridge, soundwall, retaining wall, overhead sign structure and light pole design, and supporting civil and highway design and development of project specifications. Nick was responsible for assisting with the development of the roadway specifications.

MARK STILLER, PE

STRUCTURES LEAD

EDUCATION

BS, Civil Engineering, California State Polytechnic University, Pomona (2007)

REGISTRATIONS

PE Civil, California #75935

YEARS OF EXPERIENCE: 18 (10 with current firm)

Mark is a skilled project manager and engineer specializing in civil infrastructure development encompassing grading, roadway, utilities, and structural design for bridges. He excels in overseeing multi-disciplinary projects, leading intricate road and bridge enhancements, and has a strong track record of delivering innovative solutions. Mark played a key role in successfully executing Bridge Preventive Maintenance Program projects for various entities, such as Orange County Public Works, City of Yorba Linda, and more. He is adept at every project stage, from initial concept to construction, and is recognized for his expertise, responsiveness, and delivery-oriented approach. Mark's portfolio includes diverse bridge designs for waterways, railroads, and highways, aligning with established guidelines and standards like those set by Caltrans and AASHTO. He notably led the development of Caltrans Standard Plans, Standard Details, and bridge manual updates.

VALUE ADDED TO THE CITY

- ✓ Highly acclaimed engineer with impeccable records of quality service across Southern California
- ✓ Lead Engineer for the development of the latest 2018 Caltrans Standard Plans, Standard Details, and updates to bridge manuals. Mark led the previous development of 2010 and 2015 Standards as well.
- ✓ Extensive Southern California region transportation infrastructure experience involving PA/ED and PS&E of varying complexities.

REPRESENTATIVE PROJECT EXPERIENCE

RCTD | On-Call Services Agreements
1) Federal, Environmental and Engineering On-Call Services (Contract No. 15-07-003), Riverside County, CA
2) Non-Federal, On-Call Engineering Services for Roadway/Highway Engineering (Contract No. 19-07-003), Riverside County, CA

Lead Bridge Engineer/Project Engineer. NCM was one of the 4 firms selected for providing on-call environmental and engineering services Capital Improvement Program's (CIP) FHWA funded projects, valued at $0.5M per year for 3 years. This contract was later extended by another 2 years because of NCM's outstanding work. Based on this ranking, the County selected NCM to provide engineering and environmental services for 2 Segments of Temescal Canyon Road project. Project work under this contract was delivered through project specific task orders and consisted of wide variety of project types ranging from preliminary engineering to environmental to PS&E to peer reviews. 11 Task Orders have been executed, including PS&E for Gilman Springs Road Widening, Grapefruit Blvd./SR-111 and Fourth Street Pedestrian Roadway Improvements, Temescal Canyon Road Widening Improvements, and Cabazon Safe Route to School Sidewalk Safety Improvements. Mark led structure design and PS&E development on tasks such as the 4th Street bridge widening and the Alessandro Boulevard Retaining Wall projects.

City of Pico Rivera | Telegraph Road over San Gabriel River Bridge Replacement, Pico Rivera, CA

Structures Lead. Mark is responsible for overseeing all components of the bridge replacement design and retaining walls. The project is currently in PAED phase developing environmental technical studies. Telegraph Road is a major east-west corridor through the Los Angeles County subregion, connecting cities of Pico Rivera, Downey, Santa Fe Springs, La Mirada, Commerce, Montebello, and unincorporated County of Los Angeles. The project will replace the existing 4-lane bridge crossing San Gabriel River with a 6-lane bridge to improvement travel time reliability by eliminating the bottleneck on Telegraph Road. The project also proposes to improve safety by implementing Class II Bike Lanes within the limits of the project.

Orange County Public Works |On-Call Bridge Design Services, Orange County, CA

Project Manager. County of Orange awarded NCM engineering an on-call contract to provide bridge design services. Orange County Public Works (OCPW) has assigned NCM two task orders to date. The first task entails the inspection and implementation of bridge maintenance for corrosion and seismic damage to the Hamilton Victoria Bridge over the Santa Ana River and Greenville Banning Channel. The second task is the development of a County-Wide Bridge Inventory Management and Maintenance Program. This program required the inspection and field reporting of all County bridges, development of a Microsoft Access database to track and rank structures, and reporting to be used by the County in future years to plan and program bridge maintenance and CIP projects. Mark is serving as project manager facilitating each task order delivery and coordination with County staff.

Orange County Public Works | Qualified Vendor List (QVL) for Road/Bridge and Traffic Engineering Services, Orange County, CA

Project Manager. County of Orange selected NCM for the Qualified Vendor List (QVL) in which A-E consultants are selected for various County services. Tasks may include review/support and development and PS&E for road/bridge/traffic projects. Orange County Public Works (OCPW) assigned NCM 12 task orders and another two as a subconsultant on the same QVL contract. Mark served as the Project Manager responsible for task management and overseeing the development of Plans, Specification and Estimates on multiple task orders.

Mark lead the task order to complete PS&E for 8 bridges based on the County's BPMP. HE also led the Santa Ana River Improvements Phase I & II Project task order which included another 8 bridge crossings over the Santa Ana River. He partnered with County design staff on the design of the OC Loop El Cajon Bikeway Segment H.

Caltrans District 7 | (Contract No. 07A4551) Multi-Phase Project Specific Design Services, Los Angeles and Pasadena, CA

Structures Lead. Caltrans District 7, through their first ever Phase-Order on-call contract program, is replacing bridge barriers and performing associated rehabilitation on the Fifth and Sixth Street Overcrossings at SR-110 near downtown Los Angeles and on Arroyo Seco Bridge carrying SR-134 and Orange Grove Boulevard On-Ramp Overcrossing in Pasadena. Barriers will be upgraded to current AASHTO/MASH compliant safety barriers and ADA compliant sidewalks. NCM is implementing the latest in the Caltrans barrier retrofit design methodology.

Mark is serving as structures lead responsible for PAED and PS&E for all structure components. Both projects were delivered in a record time to meet SHOPP funding deadlines, and are currently in construction.

Caltrans District 59 | Caltrans Professional and Technical Corporate Product Development Services

Deputy Contract Manager/Task Order Manager. Caltrans is using this contract to update and expand the Caltrans library of standard plans, standard detail sheets and other Caltrans publications to achieve compliance with Federal requirements, improve efficiency, safety and quality of designs, and to advance the state of Caltrans design. Mark is serving/served as the Deputy Contract Manager and Task Order Leader for the on-call Contracts 59A0634, 59A0841 and 59A0948. Development Services

AMIT SHAH, PE

ROADWAY//CIVIL

EDUCATION

MBA, University of Southern California

MS, Civil Engineering, University of Toledo, Ohio

BS, Civil Engineering, University of Pune, India

REGISTRATIONS

PE Civil, California #69397

YEARS OF EXPERIENCE: 23 (8 with current firm)

Amit's experience has focused on the management and design of freeway and street improvement projects. He has expertise in Caltrans design policies, procedures, and standards, and led or been involved in all phases of project development, including feasibility studies; project initiation documentation (PID); project approval/ environmental document (PAED); final design, including plans, specifications and estimates (PS&E); and design-build projects. He has led multi-disciplinary technical teams on street improvement and highway interchange projects, and experience presenting to various stakeholders to build project consensus.

VALUE ADDED TO THE CITY

- ✓ Managed multi-modal transportation projects that included roadway, pedestrian, and bicycle improvements.
- ✓ Ability to collaborate with multiple stakeholders to build project consensus.
- ✓ Successfully delivered 30+ projects to Caltrans and 15+ task orders to LA Metro on schedule and budget.

REPRESENTATIVE PROJECT EXPERIENCE

LA Metro | I-605/I-5 Corridor Improvement Project, Los Angeles County, CA

Engineering Lead. Amit was responsible for project management, subconsultant management, and engineering and environmental technical reports. He obtained Caltrans D7 and Headquarters (HQ) approvals on roadway geometrics, street improvements, drainage, utilities, SWDR, Draft Project Report, and various environmental studies. He also closely coordinated with Metro, Caltrans, Corridor Cities, FHWA, USACE, LACFCD, SCE, and other stakeholders to present project alternatives and build consensus. He also led the public scoping process and development of website for virtual public circulation and hearing of DED.

City of Los Angeles | Sixth Street Viaduct Replacement, Los Angeles, CA

Roadway Lead. Amit assisted with the preparation of supplemental project report, fact sheets, and cost estimates, and performed quality control on the final design packages including street improvements, traffic handling plans, specifications, and cost estimates.

LA Metro | I-710 Corridor Improvements PAED, Los Angeles County, CA

Engineering Lead. Amit was responsible for engineering of three segments (10 miles of freeway and 10 interchanges). He led the alternatives analysis, roadway geometrics, fact sheets, cost estimates, engineering reports, project report, and extensive coordination with the environmental team. He closely coordinated with Metro, Caltrans, Gateway Cities Council of Governments (GCCOG), corridor cities, and other stakeholders.

RYAN TODARO

ENVIRONMENTAL LEAD

EDUCATION

BS, Natural Resources Management, Cal Poly San Luis Obispo

YEARS OF EXPERIENCE: 24 (2 with current firm)

Ryan is a Principal Environmental Planner at GPA. He is a former Caltrans environmental planner with 24 years of experience providing environmental project management for all phases of Federal Highway Administration's (FHWA's) project life cycle: Project Initiation, Project Approval/Environmental Document (PA/ED); Plan, Specification and Estimate (PS&E); and Construction. His clients benefit from his experience leading transportation programs both as a Caltrans employee and as a consultant. Through this combination of experience, he intimately understands the federal and state agencies and their requirements to ensure legally defensible environmental compliance and the coordination necessary to successfully deliver a project on behalf of a regional transportation agency. Ryan's expertise in the FHWA and Caltrans review process has resulted in expedited delivery of controversial transportation projects, which has garnered praise from Caltrans and regional agencies. His success is attributed to his ability to manage multi-discipline technical specialties and to develop innovative strategies to reduce cost and expedite the project schedule while maintaining quality and technical rigor in accordance with California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA).

VALUE ADDED TO THE CITY

- ✓ Extensive experience leading the environmental process for transportation projects of varying complexities in Southern California
- ✓ Manages projects through PID, PA/ED, and PS&E phases
- ✓ Expert in NEPA/CEQA compliance

REPRESENTATIVE PROJECT EXPERIENCE

City of Pico Rivera | Washington Boulevard Bridge Replacement, Pico Rivera, CA

Project Manager. The City of Pico Rivera is proposing to replace the existing Washington Boulevard Bridge over the Rio Hondo Channel. Ryan is managing the completion of a Preliminary Environmental Study (PES) form for the project. He is also managing the preparation of a Natural Environment Study, Aquatic Resource Delineation, Section 4(f) de minimis Impact Evaluation, Area of Potential Effects (APE) Map, Historic Resources Evaluation Report, CEQA and NEPA environmental documentation, regulatory permits (Section 404 of the Clean Water Act Nationwide Permit, Section 401 of the Clean Water Act Water Quality Certification, and Section 1602 of the California Fish and Game Code Lake or Streambed Alteration Agreement), and management of the environmental commitment record.

City of Pico Rivera | Telegraph Road over San Gabriel River Bridge Replacement, Pico Rivera, CA

Project Manager. The City of Pico Rivera proposes to replace the existing Telegraph Road over the San Gabriel River Bridge. The project will replace the existing 4-lane bridge crossing San Gabriel River with a 6-lane bridge to improvement travel time reliability by eliminating the bottleneck on Telegraph Road. The project also proposes to improve safety by implementing Class II Bike Lanes within the limits of the project. Telegraph

Road is a major east-west corridor through the Gateway Cities, connecting the cities of Pico Rivera, Downey, Santa F Springs, La Mirada, Commerce, Montebello, and unincorporated County of Los Angeles. Ryan is managing the preparation of a PES for the project. He is also managing the preparation of a Section 4(F) de minimis Impact Evaluation, Community Impact Analysis, Water Quality Technical Memorandum, Natural Environment Study, Aquatic Resource Delineation, CEQA and NEPA environmental documentation, regulatory permits (Section 404 of the Clean Water Act Nationwide Permit, Section 401 of the Clean Water Act Water Quality Certification, and Section 1602 of the California Fish and Game Code Lake or Streambed Alteration Agreement), and management of the environmental commitment record.

Caltrans District 7 | San Gabriel Bridge/ Interstate 210 Hinge and Diaphragm Repairs Los Angeles County, CA

Role: Task Order Manager. Caltrans District 7 is planning repairs to hinges and joints of the San Gabriel River Bridge along Interstate 210. Ryan is overseeing biological mitigations including bat exclusionary measures.

RCTD | Nuevo Road Bridge Rehabilitation, Riverside County, CA

Role: Project Manager. The County of Riverside Transportation Department, in cooperation with Caltrans District 8, proposes to rehabilitate and widen Nuevo Road Bridge Over San Jacinto River. Although the bridge exceeds the replacement threshold per the Highway Bridge Program (HBP) guidelines, the County considers the most cost-effective strategy is to rehabilitate the bridge by addressing existing bridge element deficiencies, adopting a suitable scour mitigation plan, implementing approach roadway and channel improvement. Ryan is managing the preparation of a PES and technical studies related to biological resources, cultural resources, air quality, noise, hazardous waste, water quality, hydraulics and floodplain, and visual impact that will inform the Initial Study/Mitigated Negative Declaration (IS/MND) for CEQA compliance and a Categorical Exclusion (CE) for NEPA compliance.

City of Los Banos | Pioneer Road Widening, Merced County, California

Role: Project Manager. The City of Los Banos proposes to construct an approximately 6.5-mile-long, arterial road with a Class I multi-use path to add, enhance, and improve circulation network choices for local motorists to access and leave the regional SR-152 more efficiently. Ryan is managing the preparation of an Environmental Impact Report (EIR) and complex Environmental Assessment (EA). Technical analysis to support the environmental document includes Water Quality, Natural Environment Study, Aquatic Resources Delineation, Air Quality, Noise and Vibration Impact Assessment, Historic Property Survey Report/Archeological Survey Report, Section 4(f), Public Outreach Plan, Visual Impacts Assessment, and Initial Site Assessment (ISA).

City of Los Banos | Ortigalita/Pioneer Intersection Improvements, Merced County, CA

Environmental Manager. The City of Los Banos proposes to implement focused improvements at the intersection of Ortigalita Road and Pioneer Road. Ryan is managing a review of existing environmental information and analysis related to the project, including the technical studies prepared for the Pioneer Road Widening project. He is also managing the preparation of a PES, Community Impacts Assessment/Land Use Study, Farmland Study, Phase I ISA, Air Quality Conformity Analysis, and Visual Impact Memo. Following the completion of the technical studies for the Pioneer Road Widening Project and any additional research or study under this project, GPA will prepare a CEQA Categorical Exemption (CE) and coordinate with Caltrans on preparation of the NEPA CE.

BRIAN PATSCHULL, PE

HYDRAULICS & HYDROLOGY/DRAINAGE LEAD

EDUCATION

BS, Civil Engineering, University of Nevada

REGISTRATIONS

PE Civil, California #69431

YEARS OF EXPERIENCE: 22 (7 with current firm)

Brian Patschull has 22 years of diversified experience in the field of civil, transportation, and water resources engineering. He has been responsible for a wide range of projects involving drainage improvement design, residential and commercial developments, urban highway design, railroad grade separation, hydrology and hydraulics studies. Brian has extensive computer skills and is proficient in AutoCAD, MicroStation, InRoads, Flowmaster, HEC-1, HEC-RAS, WSPG, Civil Design Hydrology and Hydraulic Calculator, AES Rational Method Hydrology Calculator, and the Los Angeles County MORA program. He has served as drainage design lead on multiple significant design-build projects such as City of Bakersfield Public Works Department, Centennial Corridor Design and Advanced Preliminary Engineering, I-15 Express Lanes Program Management, I-405 Improvements from I-5 to SR 55, Project Report and Environmental Document and Caltrans District 8 On-Call Design Services project.

VALUE ADDED TO THE CITY

- ✓ Drainage Lead on multiple On-Call task orders PAED, PS&E and construction phase
- ✓ Understanding of analysis of scour countermeasures utilizing HEC-RAS software
- ✓ Drainage Lead for project and construction management services for I-15 Express Lanes project.

REPRESENTATIVE PROJECT EXPERIENCE

City of Pico Rivera | Telegraph Road over San Gabriel River Bridge Replacement, Pico Rivera, CA

Hydraulics/Drainage Lead. Brian is leading the hydraulic analysis of the San Gabriel River and drainage design for improvements along Telegraph Road.

The project is currently in PAED phase developing environmental technical studies. Telegraph Road is a major east-west corridor through the Los Angeles County subregion, connecting cities of Pico Rivera, Downey, Santa Fe Springs, La Mirada, Commerce, Montebello, and unincorporated County of Los Angeles. The project will replace the existing 4-lane bridge crossing San Gabriel River with a 6-lane bridge to improvement travel time reliability by eliminating the bottleneck on Telegraph Road. The project also proposes to improve safety by implementing Class II Bike Lanes within the limits of the project.

LAMTA | I-605/I-5 Corridor Improvement Project, Los Angeles County CA

Drainage Lead. Brian was responsible for preparing the off site hydrology report for the project as well as the Location Hydraulic Study and Preliminary Hydraulics Report for San Gabriel River crossings of I-5 and I-105.

City of Brea | SR-57/Lambert Road Interchange Improvements, Brea, CA

Drainage Design Lead. Brian served as the drainage design lead responsible for drainage plan and report preparation and SWDR for improvements to the SR-57/ Lambert Road interchange in Brea, including widening and reconfiguring the NB on and off-ramps and widening Lambert Road.

OCTA | I-405 Improvement Project (SR-73 to I-605) Program Management , Orange County and Los Angeles County, CA

Drainage Lead. Brian served as drainage design lead on the project and coordinated with OCTA, Caltrans District 12, and OCFCD on drainage design features throughout the corridor, including the Santa Ana River. Parsons is providing PCM services for the I-405 Improvement project for OCTA. Brian served as lead reviewer for drainage analysis within Santa Ana River at the I-405 bridge widenings.

OCTA | I-405 Improvements (I-5 to SR-55) PAED , Orange County, CA

Drainage Lead. Brian was responsible for preparation of a preliminary drainage report and a preliminary hydraulics report. He worked closely with OCFCD for proposed drainage improvements to the San Joaquin Channel, San Diego Creek Channel, and extension of a triple 12-foot by 12-foot RCB culvert at Main Street and MacArthur

Boulevard.

LAMTA | I-5 North Managed Lanes PS&E, Los Angeles County, CA

Drainage Lead. Brian serves as drainage design lead on the project and coordinates with OCTA, Caltrans District 12, and OCFCD on drainage design features throughout the corridor, including hydraulics analysis of Castaic Creek Bridge.

KEITH RAND, PE, TE

TRAFFIC ENGINEERING/ELECTRICAL LEAD

EDUCATION

BS, Civil Engineering, San Diego State University

REGISTRATIONS

TE, California #2103

PE Civil, California #60090

YEARS OF EXPERIENCE: 30 (7 with current firm)

Keith is a Principal with ADVANTEC. Keith brings more than 30 years of specific technical experience and expertise in the areas of design build implementation, traffic and transportation engineering and planning, Intelligent Transportation Systems (ITS) planning and design, traffic signal design, and engineering design. His broad-based experience in traffic and transportation engineering provides a solid foundation for both large scale and site specific transportation projects. He has planning, design, and traffic operations experience on both small- and large-scale transportation projects, including design-build of large infrastructure projects, LRT and BRT project experience. Additionally, Keith has strong management and communications skills coordinating with multiple project team members and stakeholders.

VALUE ADDED TO THE CITY

- ✓ Recent experience working with the City on the Telegraph Road Bridge over San Gabriel River Project
- ✓ 30 year of expereince of traffic and electrical design with thorough understanding of Local Agency and Caltrans design standards

REPRESENTATIVE PROJECT EXPERIENCE

City of Pico Rivera | Telegraph Road over San Gabriel River Bridge Replacement, Pico Rivera, CA

Traffic/Electrical Manager. Keith is responsible for overseeing all components of the traffic and electrical design for this bridge replacement project. REcently he assited the Team in developing project cost estimates for funding evaluations.

The project is currently in PAED phase developing environmental technical studies. Telegraph Road is a major east-west corridor through the Los Angeles County subregion, connecting cities of Pico Rivera, Downey, Santa Fe Springs, La Mirada, Commerce, Montebello, and unincorporated County of Los Angeles. The project will replace the existing 4-lane bridge crossing San Gabriel River with a 6-lane bridge to improvement travel time reliability by eliminating the bottleneck on Telegraph Road. The project also proposes to improve safety by implementing Class II Bike Lanes within the limits of the project.

RCTD | Hamner Avenue Bridge Replacement over Santa Ana River, Norco/Eastvale, CA

Traffic Engineering Manager. Keith was responsible for the providing the traffic operations analysis for the Hamner Avenue Bridge Replacement over the Santa Ana River, along with the widening of Hamner Avenue between Detroit Street and Citrus Street. The project involved coordination with RCTD, Caltrans, and the cities of Norco and Eastvale. The proposed project replaces the existing two-lane bridge with a new six-lane bridge along with the widening of Hamner Avenue for approximately 0.7 miles. Post-processed ADT and peak hour turning movement volumes were developed for opening year and horizon year conditions to conduct the traffic operations analysis at the study intersections for the no build and build scenarios.

RCTC | SR-91 Corridor Improvement Project (CIP) Design-Build, Corona, CA

Traffic, Electrical/ITS & ETTM Manager. Keith managed the Traffic Team and the Electrical/ITS Team, including the Electronic Toll and Traffic Management (ETTM) infrastructure as part of the Atkinson-Walsh Joint Venture (AWJV). The project includes nearly 16 miles of freeway improvements, including the extension of OCTA's SR-91 Express Lanes from the County Line to I-15 by approximately 8 miles, including new and modified bridge lighting on 6 bridges. Responsible for the traffic-, electrical-, ITS- and ETTM-infrastructure components of the project including movement of traffic, pavement delineation, signing, highway (including high mast) and local street lighting, traffic signals, Caltrans and City of Corona ITS communication system (fiber, RMS, TMS, CCTV, CMS and WVDS), and ETTM (lighting and sign illumination, fiber, CCTV and CMS infrastructure) design. Additional responsibilities have included support of developing the TMP, providing VISSIM and Synchro traffic operations analysis, traffic analysis supporting Environmental revalidation efforts, development of SSPs, and providing an integral part of Task Force meetings.

VT Electric/LABSL | Victory Boulevard Widening Phase 1 Temporary Lighting Design, Los Angeles, CA

Traffic Engineering Manager. ADVANTEC coordinated with VT Electric during the construction phase of the project to prepare temporary lighting design plans per City of Los Angeles Bureau of Street Lighting (BSL) request. Forty scale plan sheets were prepared to BSL standards along Victory Boulevard between Owensmount Avenue and Canoga Avenue in the City of Los Angeles. Coordination with VT Electric provided a quick turn around and approval by BSL for the temporary lighting sheets that utilized temporary light poles with existing luminaires and overhead conductors spanning between the light poles. Additional temporary lighting details were provided for the weights & plates, as well as the connection to the existing safety lights at the signalized intersection.

RCTC | I-215 Widening PS&E and I-215 Widening PS&E, Murrieta and Perris, CA

Electrical/Traffic Manager. The two projects involved the development of PS&E bid documents for the construction of one mixed flow lane in each direction along the I-215 freeway between Murrieta Hot Springs Road and Scott Road (about seven miles in length for 0F161) and between Scott Road and Nuevo Road (nearly 13 miles in length for 0F162). Managed the design teams responsible for all traffic/electrical sheets including staging, pavement delineation/signs, and electrical/ITS. Managed the design teams responsible for all traffic/electrical sheets including construction area signs, staging/traffic handling, detours, pavement delineation and signs, associated quantities, and electrical/ITS (i.e., ramp metering system, traffic monitoring system, vehicle sensor node, highway and safety lighting, local street lighting, traffic signals, decorative bridge and soffit lighting, weigh-in-motion system, and changeable message signs). Developed the traffic/electrical-related construction cost estimates and project special provisions, and coordinated the development of the TMP. The projects were both completed on an accelerated schedule in order to meet funding requirements.

LA Metro | SR-57/SR-60 Confluence Area PS&E Project, Diamond Bar, CA

Electrical Task Manager. Metro has a plan to make it easier to get around, including easing traffic for a better drive where the 57 meets the 60. This project includes building multiple on- and off-ramps, widening Grand Avenue and reconstructing the Grand Avenue bridge overcrossing, including new bridge lighting. These improvements will increase freeway capacity to address traffic congestion, increasing access to opportunity for the region. This is a three-phase program of improvements consisting of ramp and interchange reconfigurations as well as the addition of auxiliary collector/distributor and bypass lanes to significantly reduce the weaving and the resulting congestion and accidents. As the Electrical Task Manager, led ADVANTEC's team in developing Plans, Specs, and Estimates (PS&E) for temporary and final ITS and electrical improvements along the freeway mainline and by-pass connectors.

EDNA JIMENEZ

PUBLIC OUTREACH LEAD

EDUCATION

BS, Urban and Regional Planning, California State Polytechnic University, Pomona

YEARS OF EXPERIENCE: 11 (11 with current firm)

Edna has played a key role in many transportation, planning, environmental, and construction projects as Deputy Project Manager at Arellano Associates (AA). She focuses on strategic communication, message development, inter-agency relations, marketing, event coordination and implementation, database management, and project organization. As a natural leader, Edna excels at building relationships with various stakeholders and has successfully developed strategic outreach plans that focus on serving diverse groups. Additionally, Edna has served as Project Manager on efforts and developed engagement plans that focus on digital outreach and innovative tools to support client needs and increase opportunities for enhanced community engagement.

Edna continues to be instrumental in leading the development of an equitable approach for several clients, including the use of hybrid options for engagement. Some of the technical tools she has utilized for virtual meetings, are ArcGIS online interactive maps, ESRI StoryMaps, Social Pinpoint, MetroQuest, online surveys, polls, MiroBoard, and Jamboard. Edna is a fluent Spanish speaker and is proficient in reading and writing the Spanish language.

VALUE ADDED TO THE CITY

- ✓ Previous experience working with the City Pico Rivera on multiple projects
- ✓ Expert in outreach and engagement plan development that focuses on digital outreach and innovative tools to support client needs
- ✓ Bilingual - Spanish

REPRESENTATIVE PROJECT EXPERIENCE

City of Pico Rivera | Telegraph Road over San Gabriel River Bridge Replacement, Pico Rivera, CA

Public Outreach Manager. Edna serves as Public Outreach Manager and oversees all messaging and communication. She supervises the development of an outreach program to reach key stakeholders, provides support to various presentations to elected officials and key groups, and conducts public meetings and notification. Edna monitors current stakeholder database management and will continue to manage all day-to-day operations and communications for this effort.

The project is currently in PAED phase developing environmental technical studies. Telegraph Road is a major east-west corridor through the Los Angeles County subregion, connecting cities of Pico Rivera, Downey, Santa Fe Springs, La Mirada, Commerce, Montebello, and unincorporated County of Los Angeles. The project will replace the existing 4-lane bridge crossing San Gabriel River with a 6-lane bridge to improvement travel time reliability by eliminating the bottleneck on Telegraph Road. The project also proposes to improve safety by implementing Class II Bike Lanes within the limits of the project.

City of Pico Rivera | Washington Boulevard Over Rio Hondo Channel, Pico Rivera, CA

Public Outreach Manager. The City of Pico Rivera is seeking to replace the Washington Blvd bridge over Rio Hondo Channel to increase safety. Edna serves as Public Outreach Manager and oversees all messaging and communications with the City and stakeholders. She will supervise the creation of a stakeholder database, branding and collateral development, and website support. Edna will lead the strategic planning to reach key stakeholders, provide support to various presentations for elected officials and key groups, and conduct public meetings and notification.

LA Metro | Eastside Transit Corridor Phase 2 (Alternative Analysis/Draft EIS/EIR/Advanced Conceptual Engineering phase), Los Angeles County – Gateway Cities and San Gabriel Valley Regions, CA

Deputy Public Outreach Manager. Edna serves as the Deputy Public Outreach Manager providing outreach services on this major transportation connection through the communities of Commerce, Montebello, Pico Rivera, Santa Fe Springs, Whittier, and the unincorporated portions of Los Angeles County, including East Los Angeles and Los Nietos. The outreach program also offered outreach services to several San Gabriel Valley communities (Monterey Park, Rosemead, South El Monte) prior to the Metro Board action that removed the SR-60 corridor alternative from further consideration. Through the re-initiated environmental process, Edna has provided strategic outreach to specific stakeholders, including education institutions, businesses associations, key community leaders and CBO's. Due to the recent COVID-19 pandemic, Edna has been a key support in the planning and implementation of a hybrid approach with innovative approaches for virtual outreach with in-person options for those with limited access to the internet, including rail tours that were originally envisioned as in-person activities. Edna is also supporting the CBO Partnership, a pilot program that seeks partnerships with leading and representative CBO to help shape the development and implementation of outreach strategies. Due to the project location, Edna's Spanish capabilities have proven to be a valuable asset and has allowed for increased outreach to local communities.

City of Pico Rivera | Beverly Crossing Project, Pico Rivera, Los Angeles and Pasadena, CA

Senior Project Coordinator. Pico Rivera proposed a development project at the vacant lot on the corner of Rosemead Boulevard and Beverly Boulevard. The project is a state-of-the-art commercial retail space featuring approximately 52,070 square feet of neighborhood retail spaces. Edna served as a Senior Project Coordinator and implemented a comprehensive public participation plan to ensure project awareness. She led the preparation of collateral materials and conducted one-on-one stakeholder briefings with local business owners and residents. Edna also developed a comprehensive plan for a community open house style meeting while overseeing the notification efforts. She provided support through the COVID-19 era with a virtual public meeting and key support at project briefings.

County of Los Angeles | Rosemead Boulevard Complete Streets Improvement Projects, Rosemead, CA

Project Coordinator. The County of Los Angeles is working to enhance access for pedestrians, cyclists, and transit along 2.6-miles of Rosemead Boulevard between Rush Street in South El Monte to Gallatin Road in the City of Pico Rivera and the Whittier Narrows Recreation area. Edna served as a Project Coordinator and provided support in the development of a database, collateral materials, and helpline set-up. Edna also provided support in the development of survey tools, including Typeform and MetroQuest, and distribution at community events. She also facilitated community meetings and focus groups.

S. NIRANJANAN, PE, GE

GEOTECHNICAL LEAD

EDUCATION

MS, Civil Engineering, Washington State University, Pullman, Washington

BS, Civil Engineering, University of Peradeniya Sri Lanka, Peradeniya, Sri Lanka

REGISTRATIONS

GE, California #2819

PE Civil, California #67023

YEARS OF EXPERIENCE: 24 (24 with current firm)

Niranjan is a registered geotechnical engineer with over 24 years of project experience, including bridges, street widenings, highway improvements, sound walls and retaining walls; and grade separations; bike paths; pavement evaluation and rehabilitation; buildings; and other transportation projects. He has coordinated, performed, or directed geotechnical investigations for well over 600 projects in Southern California. Niranjan has practical experience in all aspects (design and construction) of geotechnical engineering, including site selection, field investigations, engineering analyses, recommendations, construction observation and testing, and preparation of geotechnical reports and recommendations. He has worked on more than 40 Caltrans bridges, including those funded through the Highway Bridge Replacement and Rehabilitation program. Niranjan's knowledge of FHWA and Caltrans policies, requirements, and procedures, including extensive knowledge of the Local Assistance Procedures Manual (LAPM), ensures that geotechnical and environmental reports will be thorough, accurate, and approved.

VALUE ADDED TO THE CITY

- ✓ Over 24 years of geotechnical project expertise in Southern California on more than 600 projects.
- ✓ Project experience includes street and roadway widening and other improvements, complete streets treatment, pavements, bike paths, bridges, retaining walls, rail/transit facilities, water treatment and distribution systems, sewer systems, flood control and storm drain facilities, parks, and more

REPRESENTATIVE PROJECT EXPERIENCE

City of Pico Rivera | Telegraph Road over San Gabriel River Bridge Replacement, Pico Rivera, CA

Geotechnical Manager. Niranjan is responsible for overseeing all components of the geotechnical investigation for this bridge replacement project.

The project is currently in PAED phase developing environmental technical studies. Telegraph Road is a major east-west corridor through the Los Angeles County subregion, connecting cities of Pico Rivera, Downey, Santa Fe Springs, La Mirada, Commerce, Montebello, and unincorporated County of Los Angeles. The project will replace the existing 4-lane bridge crossing San Gabriel River with a 6-lane bridge to improvement travel time reliability by eliminating the bottleneck on Telegraph Road. The project also proposes to improve safety by implementing Class II Bike Lanes within the limits of the project.

City of Pico Rivera | Regional Bikeway Project, Pico Rivera, CA

Geotechnical Manager. The project planned regional bikeway improvements for Mines Avenue and Dunlap Crossing Road. A site-specific geotechnical investigation was performed along Mines Avenue and a geotechnical report prepared to provide recommendations for pavement sections, grading, corrosion potential,

and input for best management practices. Niranjan coordinated geotechnical exploration activities, obtained encroachment permits, developed a geotechnical work plan for USACE, and prepared a geotechnical report for Mines Avenue Improvements and a foundation report for the proposed Pedestrian Bridge.

LACDPW | Rosemead Boulevard Complete Streets Improvements, Phase I, Los Angeles, CA

Geotechnical Manager. The project included preliminary design and environmental clearance for a proposed complete street treatment of a 2.6-mile segment of Rosemead Boulevard. DYA provided geotechnical engineering including preliminary recommendation for the advanced planning study (APS) and Phase I Initial Site Assessment (ISA). Niranjan provided project direction and support for the engineering analyses and recommendations for the reports. This project was delivered from an on-call contract with LACDPW.

Caltrans District 12 | Pavement Rehabilitation Preliminary Engineering and Final PS&E, Orange County, CA

Geotechnical Manager. This project replaced concrete slab and asphalt concrete at various locations within Caltrans District 12 in Orange County, California. The project proposed to restore the pavement, correct structural defects, improve the ride and serviceability of pavement, correct drainage issues, construct a retaining wall, and extend the service life of the existing pavement at sixteen connectors, two ramps, and one mainline segment near an undercrossing. Niranjan served as the geotechnical principal/ project manager and provided technical guidance to the geotechnical team and provided review and QC for the geotechnical submittals. This project represented two tasks in a multi-phase on-call contract with Caltrans.

City of Downey | Lakewood Boulevard at Florence Intersection Improvements, Downey, CA

Geotechnical Manager. The City of Downey proposed improvements at the intersection of Lakewood Boulevard and Florence Avenue to reduce traffic congestion, improving traffic circulation and mobility within I-605 Freeway Corridor. The project proposes to add dual left-turn lanes on both approaches to Lakewood Avenue and a dedicated right-turn lane on westbound Florence Avenue. It includes reconstructing the pavement to concrete pavement, redesigning the signing and striping, and modifying the traffic signals and storm drain system. DYA performed a geotechnical investigation, including field exploration, performing laboratory testing, and performing engineering analyses to develop conclusions and recommendations and provided recommendations regarding new rigid pavement sections and grading operations. Niranjan provided project direction, developed the field investigation program, performed engineering analyses, and prepared the geotechnical report with recommendations. This project was delivered from an on-call contract with the City of Downey.

City of Norwalk | Foster Road Rehabilitation from Studebaker Road to Pioneer Boulevard, Norwalk, CA

Geotechnical Manager. The project proposed safe walking and bike route to school as well as enhanced safety along the corridor on Foster Road between Studebaker Road and Pioneer Boulevard. The project consisted of improving and designing the existing side panels; an on-street bikeway, a concrete meandering sidewalk in the side panels, connections and upgrades to existing sidewalk; ADA ramps along the corridor; safety lighting for the sidewalk panel sections; low-level landscaping treatments; drainage treatments; storm drain upgrades; and miscellaneous roadway paving. DYA provided preliminary environmental and geotechnical services and geotechnical input for the design of bike lanes, percolation characteristics of the subgrade soils for drainage study, and pavement sections. Niranjanan coordinated the encroachment permit, reviewed geotechnical data, coordinated the field exploration program, and performed analyses. Niranjan also did the pavement surface condition survey and summarized the findings in the report.

ROY GUINALDO

RIGHT OF WAY LEAD

EDUCATION

A.A. General Coursework, Cerritos Community College

REGISTRATIONS

California Real Estate Salesperson CA #00986344

YEARS OF EXPERIENCE: 35 (21 with current firm)

Roy is a team leader with over 30 years of real estate experience. He is knowledgeable of municipal and governmental procedures and regulations relating to property acquisition (full- and part-takes) and excess land dispositions. He is responsible for both residential and commercial acquisitions in public and private sector client acquisition projects and is knowledgeable of the relocation procedures for both residential owners and tenants. Mr. Guinaldo provides training to OPC staff and is bilingual in English/Spanish.

VALUE ADDED TO THE CITY

- ✓ Thorough understanding of Caltrans and California right of way standards and requirements
- ✓ Extensive Southern California region transportation infrastructure experience involving Right of Way acquisitions projects of varying complexities.

REPRESENTATIVE PROJECT EXPERIENCE

City of Pico Rivera | Telegraph Road over San Gabriel River Bridge Replacement, Pico Rivera, CA

Right of Way Senior Project Manager. Roy is leading the right of way acquisitions for this HBP funded project. The project is currently in PAED phase developing environmental technical studies. Telegraph Road is a major east-west corridor through the Los Angeles County subregion, connecting cities of Pico Rivera, Downey, Santa Fe Springs, La Mirada, Commerce, Montebello, and unincorporated County of Los Angeles. The project will replace the existing 4-lane bridge crossing San Gabriel River with a 6-lane bridge to improvement travel time reliability by eliminating the bottleneck on Telegraph Road. The project also proposes to improve safety by implementing Class II Bike Lanes within the limits of the project.

RCTD, | Gilman Springs Road Widening Project, Riverside County, CA

Right of Way Senior Project Manager. The County of Riverside Transportation Department (RCTD), in cooperation with the California Department of Transportation, is proposing to widen Gilman Springs Road from approximately 1.29 miles north of Jack Rabbit Trail, to approximately one mile south of Bridge Street, a total distance of approximately 4.4 miles.

Roy is responsible for overseeing the acquisition services for the project that will ultimately improve safety and traffic operations and improve driver awareness on Gilman Springs Road. The project also requires relocation of existing utilities in accordance with State law and regulations and County policies.

LA Metro | Westbound SR-91 - Alondra Blvd to Shoemaker Improvement Project, Cerritos/ Artesia, CA

Right of Way Senior Program Manager. To improve traffic flow along the freeways, the LA METRO and Caltrans District 7, in collaboration with the GCCOG, the City of Cerritos, and the City of Artesia, are proposing improvements along the westbound SR-91 between Shoemaker Ave and the I-605/SR-91 Interchange, and at the I-605 northbound exit to Alondra Blvd. Roy is overseeing appraisal, appraisal review, partial acquisition, and Right of Way certifications of nine (9) residential and commercial properties for this highway widening project.

City of Lancaster, Pedestrian Gap Closure Improvements Project, Lancaster, CA

Senior Project Manager. Roy was responsible for coordination of title documents, legals/plats/maps, cost estimating, Minimum Value Estimates (MVE), negotiation process for dedication of land, eminent domain support, and escrow for 26 parcels to construct city improvements such as street widening, Americans with Disabilities Act (ADA) complaint curb ramps, and the instillation of curb, gutter, and sidewalks.

LISSETTE MONTOYA

GRANT WRITING LEAD

EDUCATION

MBA, California State Polytechnic University, Pomona

BS, Business Management, California State Polytechnic University, Pomona

YEARS OF EXPERIENCE: 25+ (20 with current firm)

Lissette has more than 20 years of comprehensive expertise in project management and analysis, funding management, grant administration, and community outreach programs. She is experienced in issues impacting City governments and contract administration. She has experience in identifying federal and state fund allocation balances, programming funds, and administers long-and-short range programs consistent with the economic capabilities of the City. Lissette directs the Program Management team to ensure that projects are developed in accordance with policy and procedural requirements, assists in determining eligible projects for various funding sources, and manages development and capital improvement programs/projects from conception to completion. She has assisted various agencies in performing a variety of analyses and studies to identify State and Federal funding options; performed time-critical and confidential studies related to fiscal and administrative requirements of grant programs; assisted in the grants solicitation process; planned and coordinated the implementation of awarded grants to ensure that the City was in compliance with applicable laws and regulations, and monitored and audited grant expenses.

VALUE ADDED TO THE CITY

- ✓ Successfully monitored federal and state funding for municipal agencies throughout Southern California
- ✓ Comprehensive understanding with the Caltrans Local Assistance Process and preparing the necessary submittals to obtain Caltrans approvals and securing obligation (E76) of funds for design and construction projects

REPRESENTATIVE PROJECT EXPERIENCE

City of Industry | Local Highway Bridge Program, Industry, CA

Funding Consultant. AVANT-GARDE programmed Local Highway Bridge Funds for Azusa Avenue Bridge ($5.2 million) and Nelson Avenue Bridge ($2.4 million). Lissette is managing the overall implementation of the projects, including coordinating with impacted neighboring cities and Caltrans. Management responsibilities include working with the City Attorney, issuing RFQ/RFP's, management of the project schedule, and overseeing all matters related to finance, grants, and administration. This project is being administered in accordance with the Caltrans Local Assistance Procedures Manual.

City of Industry | SR-57/SR-60 Confluence Project, Industry, CA

Funding Consultant. AVANT-GARDE assisted in securing over $18 million in funding for the project through the TIGER Discretionary Grant Program and Metro's Call for Projects, as well as organizing outreach activities including the development of materials, delivery of public presentations, and development and maintenance of the project website. Lissette, completed the lengthy process to receive federal security clearance to access the FHWA database for future TIGER reporting purposes. She oversaw the preparation of all project agreements and related documents; the tracking of project expenditures and reimbursement ratios; and preparation and

submittal of quarterly progress reporting and reimbursement requests to Metro. Lisette served as the City's representative in Caltrans PDT meetings.

City of Bell Gardens | HSIP Cycle 8 – Various Intersection Improvements, Bell Gardens, CA

Funding Administrative Director. This HSIP funded project consisting of adding a protected-permissive left-turn phases, installing signal heads on new poles at the intersections of Eastern Avenue/Lubec Street and Garfield Avenue/ Loveland Street. Lissette oversaw all funding administration services including: existing records review and project initiation with the City; obtaining environmental and right of way clearances; preparing Requests for Authorization for Preliminary Engineering and Construction; preparing the Caltrans submittal for award; and preparing reimbursement submittals and the Final Report of Expenditures..

City of Lynwood | Imperial Highway and Atlantic Avenue Signal Improvement, Lynwood, CA

Funding Administrative Director. This HSIP Cycle 9 funded project consisted of adding left-turn phasing, modernizing control equipment, detection and lighting upgrades, ADA compliant curb ramps, and striping improvements. Lissette oversaw all funding administration services including: existing records review and project initiation with the City; obtaining environmental and right of way clearances; preparing Requests for Authorization for Preliminary Engineering and Construction; preparing the Caltrans submittal for award; and preparing reimbursement submittals and the Final Report of Expenditures.

APPENDIX B

CERTIFICATIONS/FORMS - NON-COLLUSION AFFIDAVIT

APPENDIX C
NON-COLLUSION AFFIDAVIT

The undersigned declares states and certifies that:

1. This Proposal is not made in the interest of, or on behalf of any undisclosed person, partnership, company, association, organization or corporation. This Proposal is genuine and not collusive or sham.

2. I have not directly or indirectly induced or solicited any other Proposer to put in a false or sham proposal and I have not directly or indirectly colluded, conspired, connived, or agreed with any other Proposer or anyone else to put in sham proposal or to refrain from submitting to this RFP.

3. I have not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the proposal price or to fix any overhead, profit or cost element of the proposal price or to secure any advantage against the City of Pico Rivera or of anyone interested in the proposed contract.

4. All statements contained in the Proposal and related documents are true.

5. I have not directly or indirectly submitted the proposal price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay any fee to any person, corporation, partnership, company, association, organization, RFP depository, or to any member or agent thereof to effectuate a collusive or sham proposal.

6. I have not entered into any arrangement or agreement with any City of Pico Rivera public officer in connection with this proposal.

7. I understand collusive bidding is a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards.

Signature of Authorized Representative

Mohan Char, PhD, PE
Name of Authorized Representative

CEO
Title of Authorized Representative

Magnolia Avenue Grade Separation at BNSF Railroad

4th Street Bridge Widening at Grapefruit Boulevard

Gilman Springs Road Widening

Pico Rivera ITS Master Plan

SUBMITTED TO:

CITY OF PICO RIVERA

SUBMITTED BY:

NCM

www.ncmcivil.com

9850 Research Drive, Irvine, CA 92618
Tel: 949.546.0822

EXHIBIT B
APPROVED FEE SCHEDULE

(SCHEDULE OF HOURLY LABOR RATES AND REIMBURSABLE)

H. Schedule of Hourly Rates

CITY OF PICO RIVERA
DEPARTMENT OF PUBLIC WORKS
PR-RFP-037
On-Call Engineering Services

SCHEDULE OF HOURLY BILLING RATES BY PERSONNEL

FIRM: NCM Engineering Corp

Classification	Personnel	Hourly Rate
Principal / QA/QC Engineer	Steve Mislinski	$342.00
Project Manager	Mohan Char	$342.00
Senior Project Engineer	Kimberly Furuyama	$208.00
Principal Engineer	Mark Stiller	$220.50
Senior Civil Engineer	Nick Haigh	$204.00
Senior Bridge Engineer	Lalit Maharjan	$203.00
Project Engineer I	Laura Turbay	$172.00
Associate Engineer II	Alma DeSantiago	$154.00
Landscape Architect	Bob McMahon	$200.00

CITY OF PICO RIVERA
DEPARTMENT OF PUBLIC WORKS
PR-RFP-037
On-Call Engineering Services

SCHEDULE OF HOURLY BILLING RATES BY CLASSIFICATION

FIRM: NCM Engineering Corp

Classification	Hourly Rate Range		
Principal/Principal Project Manager	$342.00		
Senior Project Manager	$ 242.00	to	$ 273.00
Project Manager	$ 230.00	to	$ 251.00
Engineer VII (Principal Engineer)	$ 212.00	to	$ 239.00
Engineer VI (Senior Project Engineer)	$ 208.00	to	$ 221.00
Engineer VI (Senior Civil Engineer)	$ 208.00	to	$ 220.00
Engineer VI (Senior Bridge Engineer)	$ 203.00	to	$ 215.00
Engineer V (Project Engineer II)	$ 185.00	to	$ 203.00
Engineer IV (Project Engineer I)	$ 172.00	to	$ 196.00
Engineer III (Associate Engineer II)	$ 154.00	to	$ 167.00
Engineer II (Associate Engineer I)	$ 131.00	to	$ 150.00
Engineer I (Assistant Engineer)	$ 101.00	to	$ 125.00
Landscape Architect	$ 177.00	to	$ 200.00
Senior CADD Designer	$ 150.00	to	$ 172.00
CADD Designer	$ 104.00	to	$ 131.00
QA/QC Engineer	$ 238.00	to	$ 255.00
Clerical/Administration	$ 88.00		$ 101.00

CITY OF PICO RIVERA
DEPARTMENT OF PUBLIC WORKS
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On-Call Engineering Services

SCHEDULE OF HOURLY BILLING RATES BY PERSONNEL

FIRM: ADVANTEC Consulting Engineers, Inc.

Classification	Personnel	Hourly Rate
Project Manager	Keith Rand	$127.62
Traffic Engineer	John Dorado	$104.65
Electrical Engineer	Henry Trinh	$97.00
Traffic Engineer	Armando Solis	$102.09

SCHEDULE OF HOURLY BILLING RATES BY CLASSIFICATION

FIRM: ADVANTEC Consulting Engineers, Inc.

Classification	Hourly Rate Range		
Project Manager	$ 125.00	to	$ 160.00
Senior Project Manager	$ 75.00	to	$ 125.00
Project Engineer	$ 55.00	to	$ 75.00
Associate Engineer	$ 45.00	to	$ 55.00
Assistant Engineer	$ 25.00	to	$ 45.00

CITY OF PICO RIVERA
DEPARTMENT OF PUBLIC WORKS
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On-Call Engineering Services

SCHEDULE OF HOURLY BILLING RATES BY PERSONNEL

FIRM: Arellano Associates, LLC

Classification	Personnel	Hourly Rate
Project Manager	Edna Jimenez	$221.03
Deputy Project Manager	Yvette Ximenez	$179.06

SCHEDULE OF HOURLY BILLING RATES BY CLASSIFICATION

FIRM: Arellano Associates, LLC

Classification	Hourly Rate Range		
Principal-In-Charge	$374.90		
Senior Project Manager	$237.81	to	$276.98
Project Manager	$195.85	to	$221.03
Deputy Project Manager	$153.88	to	$179.06
Senior Project Coordinator	$125.90	to	$151.08
Project Coordinator	$86.73	to	$109.11
Assisstant Project Coordinator	$67.15	to	$78.34

CITY OF PICO RIVERA
DEPARTMENT OF PUBLIC WORKS
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On-Call Engineering Services

AVANT GARDE

SCHEDULE OF HOURLY BILLING RATES BY PERSONNEL

FIRM: Avant-Garde

Classification	Personnel	Hourly Rate
Program Director	Ana Marie LeNoue	$150.00
Program Director	Lissette Montoya	$150.00
Program Director	Nadine El Sankari	$150.00
Program Manager	Megan LeNoue	$135.00
Program Manager	Melissa Aguilar	$135.00
Program Manager	Khristynne Aramouni	$135.00
Senior Program Coordinator	Keith LeNoue	$125.00
Senior Program Coordinator	Norma Lopez	$125.00

SCHEDULE OF HOURLY BILLING RATES BY CLASSIFICATION

FIRM: Avant-Garde

Classification	Hourly Rate Range
Program Director	$150.00
Program Manager	$135.00
Senior Program Coordinator	$125.00
Program Coordinator	$110.00
Program Assistant	$100.00

CITY OF PICO RIVERA
DEPARTMENT OF PUBLIC WORKS
PR-RFP-037
On-Call Engineering Services

SCHEDULE OF HOURLY BILLING RATES BY PERSONNEL

FIRM: Diaz•Yourman & Associates

Classification	Personnel	Hourly Rate
Geotechnical Principal	S. Niranjanan	$353.74
Geotechnical Project Engineer I	Britton Howay	$222.00

SCHEDULE OF HOURLY BILLING RATES BY CLASSIFICATION

FIRM: Diaz•Yourman & Associates

Classification	Hourly Rate Range		
QA/QC Principal	$ 349.00	to	$ 349.00
Senior Geotechnical Engineer	$ 268.00	to	$ 268.00
Geotechnical Project Engineer II	$ 243.00	to	$ 243.00
Geotechnical Project Engineer I	$ 222.00	to	$ 222.00
Geotechnical Staff Engineer II	$ 202.00	to	$ 202.00
Geotechnical Staff Engineer I	$ 177.00	to	$ 177.00
CADD Operator	$ 127.00	to	$ 127.00
Technical Editor	$ 154.00	to	$ 154.00
Technician II	$ 180.00	to	$ 180.00
Technician I	$ 148.00	to	$ 148.00
Prevailing Wage - Weekdays	$ 205.00	to	$ 205.00
PW - Weekday OT	$ 243.00	to	$ 243.00
PW - Weeknights, Saturdays	$ 243.00	to	$ 243.00
PW - Sundays, Holidays	$ 282.00	to	$ 282.00

CITY OF PICO RIVERA
DEPARTMENT OF PUBLIC WORKS
PR-RFP-037
On-Call Engineering Services

SCHEDULE OF HOURLY BILLING RATES BY PERSONNEL

FIRM: GPA Consulting

Classification	Personnel	Hourly Rate
Principal Environmental Planner	Richard Galvin	$363.00
Principal Environmental Planner	Erinn Silva	$363.00
Principal Environmental Planner	Ryan Todaro	$363.00
Senior Associate Environmental Planner	Laura Comstock	$289.00
Senior Environmental Planner	Marya Samuelson	$210.00
Senior Environmental Planner	Catherine Saint	$210.00
Senior Environmental Planner	Meagan Flacy	$210.00
Environmental Planner	Logan Faltas	$116.00
Environmental Planner	Riley Vera	$116.00
Environmental Planner	Savannah Marburger	$116.00
Environmental Planner/Biologist	Kayla Fon	$116.00
Environmental Planner	Monica Carvalheira	$116.00
Senior Associate Architectural Historian	Jenna Kachour	$221.00
Senior Architectural Historian	Amanda Duane	$184.00
Senior Architectural Historian	Audrey von Ahrens	$184.00
Associate Architectural Historian	Emma Haggerty	$147.00
Senior Associate Biologist	Jennifer Johnson	$247.00
Senior Biologist	Angela Scudiere	$200.00
Associate Biologist	Victoria Masjuan	$142.00
Biologist	Mario Mayo	$116.00

CITY OF PICO RIVERA
DEPARTMENT OF PUBLIC WORKS
PR-RFP-037
On-Call Engineering Services

SCHEDULE OF HOURLY BILLING RATES BY CLASSIFICATION

FIRM: GPA Consulting

Classification	Hourly Rate Range		
Principal Environmental Planner	$ 345.00	to	$ 381.15
Senior Associate Environmental Planner	$ 275.00	to	$ 303.45
Senior Environmental Planner	$ 200.00	to	$ 220.50
Associate Environmental Planner	$ 135.00	to	$ 149.10
Environmental Planner	$ 110.00	to	$ 121.80
Senior Associate Biologist	$ 235.00	to	$ 259.35
Senior Biologist	$ 190.00	to	$ 210.00
Associate Biologist	$ 135.00	to	$ 149.10
Biologist	$ 110.00	to	$ 121.80
Principal Architectural Historian	$ 315.00	to	$ 347.55
Senior Associate Arch. Historian	$ 210.00	to	$ 232.05
Senior Architectural Historian	$ 175.00	to	$ 193.20
Associate Architectural Historian	$ 140.00	to	$ 154.35
Architectural Historian II	$ 110.00	to	$ 121.80
Architectural Historian I	$ 100.00	to	$ 110.25
Sr. GIS Analyst	$ 180.00	to	$ 198.45
Project Coordinator	$ 125.00	to	$ 138.60
Administrative Assistant/ Clerical	$ 80.00	to	$ 88.20
Intern	$ 65.00	to	$ 72.45

CITY OF PICO RIVERA
DEPARTMENT OF PUBLIC WORKS
PR-RFP-037
On-Call Engineering Services

SCHEDULE OF HOURLY BILLING RATES BY PERSONNEL

FIRM: Parsons Transportation Group

Classification	Personnel	Hourly Rate
Principal	Sam Ekrami	$338.80
Senior Project Manager	Amit Shah	$323.60
Engineering Manager	Brian Patschull	$261.99
Project Manager	Dylan Tran	$217.80
Senior Civil Engineer	Raymond Ong	$193.60
Engineer III	Hui Lui	$164.90

CITY OF PICO RIVERA
DEPARTMENT OF PUBLIC WORKS
PR-RFP-037
On-Call Engineering Services

SCHEDULE OF HOURLY BILLING RATES BY CLASSIFICATION

FIRM: Parsons Transportation Group

Classification	Hourly Rate Range		
Principal	$338.80		
Senior Project Manager	$ 302.50	to	$ 326.70
Project Manager	$ 217.80	to	$ 254.10
Senior Project Engineer	$ 193.60	to	$ 217.80
Project Engineer	$ 169.40	to	$ 193.60
Principal Bridge Engineer	$ 217.80	to	$ 266.20
Senior Bridge Engineer	$ 205.70	to	$ 217.80
Engineer III	$ 157.30	to	$ 181.50
Engineer II	$ 121.00	to	$ 145.20
Engineer I	$ 108.90	to	$ 121.00
Assistant Engineer	$ 96.80	to	$ 108.90
Senior CADD Designer	$ 121.00	to	$ 145.20
CADD Designer	$ 96.80	to	$ 121.00
QA/QC Engineer	$ 266.20	to	$ 290.40
Landscape Architect	$ 145.20	to	$ 169.40

CITY OF PICO RIVERA
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On-Call Engineering Services

SCHEDULE OF HOURLY BILLING RATES BY PERSONNEL

TATSUMI AND PARTNERS, INC.

FIRM: Tatsumi and Partners, Inc.

Classification	Personnel	Hourly Rate
Senior Principal	David Tatsumi	$265.00
Senior Associate	Michael Aceves	$178.00
Senior Associate	Jennifer Taira	$178.00
Senior Designer	Jimmy Ogata	$151.00
Task Leader	Alexa Miranda Flores	$127.00
Technical Staff III	Andrew Wasef	$116.00
Technical Staff III	Karla Valdiviezo	$116.00
Technical Staff II	Guadalupe Rodriguez	$105.00
Technical Staff II	Oseas Cruz	$105.00
Technical Staff I	Joanne Park	$79.00

CITY OF PICO RIVERA
DEPARTMENT OF PUBLIC WORKS
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On-Call Engineering Services

TATSUMI AND PARTNERS, INC.

SCHEDULE OF HOURLY BILLING RATES BY CLASSIFICATION

FIRM: Tatsumi and Partners, Inc.

Classification	Hourly Rate Range		
Senior Principal	$ 250.00	to	$ 270.00
Senior Associate	$ 166.00	to	$ 221.00
Senior Associate	$ 166.00	to	$ 221.00
Senior Designer	$ 148.00	to	$ 165.00
Task Leader	$ 127.00	to	$ 147.00
Technical Staff III	$ 114.00	to	$ 126.00
Technical Staff III	$ 114.00	to	$ 126.00
Technical Staff II	$ 104.00	to	$ 113.00
Technical Staff II	$ 104.00	to	$ 113.00
Technical Staff I	$ 78.00	to	$ 103.00

CITY OF PICO RIVERA
DEPARTMENT OF PUBLIC WORKS
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SCHEDULE OF HOURLY BILLING RATES BY PERSONNEL

FIRM: Transystems

Classification	Personnel	Hourly Rate
Senior Program Manager	Vicky Cook	$275.00
Senior Project Manager	Roy Guinaldo	$192.50
Project Manager	Kelly Dewitt	$176.00
Senior Agent	Katie Quick	$159.50
Project Controls	Cindy Hernandez	$143.00
Senior Utility Manager	David Moore	$220.00
Utility Coordinator	Juliana Cervantes	$148.50
Senior Roadway Engineer	Rafael Anaya, PE	$294.52
Drainage Engineer	Sepideh Sarachi, PE	$196.82
Roadway Engineer	Jesus Barriga, PE	$197.23

CITY OF PICO RIVERA
DEPARTMENT OF PUBLIC WORKS
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On-Call Engineering Services

SCHEDULE OF HOURLY BILLING RATES BY CLASSIFICATION

FIRM: TranSystems

Classification	Hourly Rate Range (Average)
Senior Program Manager	$275.00
Program Manager	$220.00
Senior Project Manager	$192.50
Project Manager	$176.00
Senior Agent/Sr. Analyst	$159.50
Agent/Analyst	$143.00
Senior Utility Manager	$220.00
Utility Manager	$181.50
Senior Utility Coordinator	$165.00
Utility Coordinator	$148.50
Administrative Assistant	$110.00
Senior Roadway Engineer/ Project Manager	$310.00
Drainage Engineer	$210.00
Roadway Engineer	$210.00

CITY OF PICO RIVERA
DEPARTMENT OF PUBLIC WORKS
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On-Call Engineering Services

SCHEDULE OF HOURLY BILLING RATES BY PERSONNEL

FIRM: Wagner Engineering & Survey, Inc.

Classification	Personnel	Hourly Rate
Principal Civil Engineer/Surveyor	Stephanie A. Wagner	$364.00
Deputy Project Manager	Paul A. Wagner	$327.00
Survey Manager	Armando V. Abad	$265.00
ROW Engineer	Diana Knezevic	$214.00
Senior Civil Engineer	Dan Lazo	$248.00
Assistant Survey Manager	Mark Vinluan	$211.00
Survey Technician III	Hugo Guardado	$166.00
Survey Technician III	Oscar Garcia	$161.00
Survey Technician II	Morteza Taheriborj	$118.00
Survey Technician II	Rene Guardado	$118.00
CA LS Party Chief*	Kieran Doherty	$229.00
CA LS Party Chief*	Mario Garcia	$229.00
Certified Party Chief*	Jed Harrington	$220.00
Party Chief*	Alfredo Martinez	$213.00
Party Chief*	Cristian Martinez Sr.	$213.00
Chainman*	Anthony Garcia	$192.00
Chainman*	Raymond Castro	$192.00
Chainman*	Sean Ward	$192.00
Chainman*	Cristian Martinez Jr.	$192.00
Chainman, LSIT*	Yoshihiro Kawanaka	$195.00
Survey Technician/Survey Apprentice G, LSIT*	Carlos Gutierrez	$154.00
Survey Apprentice D*	Daniel Castro	$127.00

*Classification Subject to Prevailing Wages

CITY OF PICO RIVERA
DEPARTMENT OF PUBLIC WORKS
PR-RFP-037
On-Call Engineering Services

SCHEDULE OF HOURLY BILLING RATES BY CLASSIFICATION

FIRM: Wagner Engineering & Survey, Inc.

Classification	Hourly Rate Range		
Principal Civil Engineer/Surveyor	$364.00		
Deputy Project Manager	$ 330.00	to	$ 350.00
Survey Manager	$ 265.00	to	$ 285.00
ROW Engineer	$ 214.00	to	$ 225.00
Senior Civil Engineer	$ 248.00	to	$ 272.00
Assistant Survey Manager	$ 211.00	to	$ 232.00
Survey Technician	$ 118.00	to	$ 182.00
CA LS Party Chief*	$ 229.00	to	$ 251.00
Certified Party Chief*	$ 220.00	to	$ 242.00
Party Chief*	$ 213.00	to	$ 234.00
Instrumentman*	$ 194.00	to	$ 213.00
Chainman*	$ 192.00	to	$ 211.00
Survey Apprentice*	$ 89.00	to	$ 169.00

*Classification Subject to Prevailing Wages

EXHIBIT C
TERMS FOR COMPLIANCE WITH CALIFORNIA LABOR LAW REQUIREMENTS

1. This Agreement calls for services that, in whole or in part, constitute "public works" as defined in Division 2, Part 7, Chapter 1 (commencing with Section 1720) of the California Labor Code ("Chapter 1"). Further, Consultant acknowledges that this Agreement is subject to (a) Chapter 1 and (b) the rules and regulations established by the Department of Industrial Relations ("DIR") implementing such statutes. Therefore, as to those Services that are "public works", Consultant shall comply with and be bound by all the terms, rules and regulations described in 1(a) and 1(b) as though set forth in full herein.

2. California law requires the inclusion of specific Labor Code provisions in certain contracts. The inclusion of such specific provisions below, whether or not required by California law, does not alter the meaning or scope of Section 1 above.

3. Consultant shall be registered with the Department of Industrial Relations in accordance with California Labor Code Section 1725.5, and has provided proof of registration to City prior to the Effective Date of this Agreement. Consultant shall not perform work with any subconsultant that is not registered with DIR pursuant to Section 1725.5. Consultant and subconsultants shall maintain their registration with the DIR in effect throughout the duration of this Agreement. If the Consultant or any subconsultant ceases to be registered with DIR at any time during the duration of the project, Consultant shall immediately notify City.

4. Pursuant to Labor Code Section 1771.4, Consultant's Services are subject to compliance monitoring and enforcement by DIR. Consultant shall post job site notices, as prescribed by DIR regulations.

5. Pursuant to Labor Code Section 1773.2, copies of the prevailing rate of per diem wages for each craft, classification, or type of worker needed to perform the Agreement are on file at City Hall and will be made available to any interested party on request. Consultant acknowledges receipt of a copy of the DIR determination of such prevailing rate of per diem wages, and Consultant shall post such rates at each job site covered by this Agreement.

6. Consultant shall comply with and be bound by the provisions of Labor Code Sections 1774 and 1775 concerning the payment of prevailing rates of wages to workers and the penalties for failure to pay prevailing wages. The Consultant shall, as a penalty to City, forfeit $200.00 for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the DIR for the work or craft in which the worker is employed for any public work done pursuant to this Agreement by Consultant or by any subconsultant.

7. Consultant shall comply with and be bound by the provisions of Labor Code Section 1776, which requires Consultant and each subconsultant to: keep accurate payroll records and verify such records in writing under penalty of perjury, as specified

in Section 1776; certify and make such payroll records available for inspection as provided by Section 1776; and inform City of the location of the records.

8. Consultant shall comply with and be bound by the provisions of Labor Code seq. concerning the employment of apprentices on public works projects. Consultant shall be responsible for compliance with these aforementioned Sections for all apprenticeable occupations. Prior to commencing work under this Agreement, Consultant shall provide City with a copy of the information submitted to any applicable apprenticeship program. Within 60 days after concluding work pursuant to this Agreement, Consultant and each of its subconsultants shall submit to City a verified statement of the journeyman and apprentice hours performed under this Agreement.

9. The Consultant shall not perform Work with any Subconsultant that has been debarred or suspended pursuant to California Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. The Consultant and Subconsultants shall not be debarred or suspended throughout the duration of this Contract pursuant to Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. If the Consultant or any subconsultant becomes debarred or suspended during the duration of the project, the Consultant shall immediately notify City.

10. Consultant acknowledges that eight hours labor constitutes a legal day's work. Consultant shall comply with and be bound by Labor Code Section 1810. Consultant shall comply with and be bound by the provisions of Labor Code Section 1813 concerning penalties for workers who work excess hours. The Consultant shall, as a penalty to City, forfeit $25.00 for each worker employed in the performance of this Agreement by the Consultant or by any subconsultant for each calendar day during which such worker is required or permitted to work more than eight hours in any one calendar day and 40 hours in any one calendar week in violation of the provisions of Division 2, Part 7, Chapter 1, Article 3 of the Labor Code. Pursuant to Labor Code section 1815, work performed by employees of Consultant in excess of eight hours per day, and 40 hours during any one week shall be permitted upon public work upon compensation for all hours worked in excess of eight hours per day at not less than one and one-half times the basic rate of pay.

11. California Labor Code Sections 1860 and 3700 provide that every employer will be required to secure the payment of compensation to its employees. In accordance with the provisions of California Labor Code Section 1861, Consultant hereby certifies as follows:

> "I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract."

12. For every subconsultant who will perform work on the project, Consultant shall be responsible for such subconsultant's compliance with Chapter 1 and Labor Code Sections 1860 and 3700, and Consultant shall include in the written contract between it and each subconsultant a copy of those statutory provisions and a requirement that each subconsultant shall comply with those statutory provisions. Consultant shall be required to take all actions necessary to enforce such contractual provisions and ensure subconsultant's compliance, including without limitation, conducting a periodic review of the certified payroll records of the subconsultant and upon becoming aware of the failure of the subconsultant to pay his or her workers the specified prevailing rate of wages. Consultant shall diligently take corrective action to halt or rectify any failure.

13. To the maximum extent permitted by law, Consultant shall indemnify, hold harmless and defend (at Consultant's expense with counsel reasonably acceptable to City) City, its officials, officers, employees, agents and independent consultants serving in the role of City officials, and volunteers from and against any demand or claim for damages, compensation, fines, penalties or other amounts arising out of or incidental to any acts or omissions listed above by any person or entity (including Consultant, its subconsultants, and each of their officials, officers, employees and agents) in connection with any work undertaken or in connection with the Agreement, including without limitation the payment of all consequential damages, attorneys' fees, and other related costs and expenses. All duties of Consultant under this Section shall survive the termination of the Agreement.

AGREEMENT NO. _____
PROFESSIONAL SERVICES AGREEMENT
BETWEEN THE CITY OF PICO RIVERA AND
AKM CONSULTING ENGINEERS

1. IDENTIFICATION

THIS PROFESSIONAL SERVICES AGREEMENT ("Agreement") is entered into by and between the City of Pico Rivera, a California municipal corporation ("City") AKM Consulting Engineers ("Consultant"). City and Consultant are sometimes hereinafter individually referred to as a "Party" and collectively referred to as "Parties."

2. RECITALS

2.1 City has determined that it requires professional services from a consultant to provide on-call engineering services.

2.2 Consultant represents that it is fully qualified to perform such professional services by virtue of its experience and the training, education and expertise of its principals and employees. Consultant further represents that it is willing to accept responsibility for performing such services in accordance with the terms and conditions set forth in this Agreement.

NOW, THEREFORE, for and in consideration of the performance by the Parties of the mutual covenants and conditions herein contained, the Parties hereto agree as follows:

3. DEFINITIONS

3.1 "Scope of Services": Such professional services as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "A" and incorporated herein by this reference.

3.2 "Approved Fee Schedule": Such compensation rates as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "B."

3.3 "Commencement Date" : April 23, 2024

3.4 "Expiration Date" : June 30, 2029

4. TERM

The term of this Agreement shall commence at 12:00 a.m. on the Commencement Date and shall expire at 11:59 p.m. on the Expiration Date unless extended by written agreement of the Parties or terminated in accordance with Section 22 below.

5. CONSULTANT'S SERVICES

5.1 Consultant shall perform the services identified in the Scope of Services. City shall have the right to request, in writing, changes in the Scope of Services. Any such changes mutually agreed upon by the Parties, and any corresponding increase or decrease in compensation, shall be incorporated by written amendment to this Agreement. In no event shall the total compensation and costs payable to Consultant under this Agreement exceed the sum of Two Million Five Hundred Thousand Dollars ($2,500,000.00), unless specifically approved in advance, in writing, by City.

5.2 Consultant shall perform all work to the highest professional standards of Consultant's profession and in a manner reasonably satisfactory to City.

6. COMPENSATION

6.1 City agrees to compensate Consultant for the services provided under this Agreement, and Consultant agrees to accept in full satisfaction for such services, payment in accordance with the Approved Fee Schedule.

6.2 Consultant shall submit to City an invoice, on a monthly basis or less frequently, for the services performed pursuant to this Agreement. Each invoice shall itemize the services rendered during the billing period and the amount due. Within ten (10) business days of receipt of each invoice, City shall notify Consultant in writing of any disputed amounts included on the invoice. Within thirty (30) calendar days of receipt of each invoice, City shall pay all undisputed amounts included on the invoice. City shall not withhold applicable taxes or other authorized deductions from payments made to Consultant.

6.3 Payments for any services requested in writing by City and not included in the Scope of Services shall be made to Consultant by City on a time-and-materials basis using Consultant's standard fee schedule. Fees for such additional services shall be paid within sixty (60) days of the date Consultant issues an invoice to City for such services.

7. BUSINESS LICENSE

Consultant shall obtain a City of Pico Rivera business license prior to commencing performance under this Agreement.

8. COMPLIANCE WITH LAWS

Consultant shall keep informed of State, Federal and Local laws, ordinances, codes and regulations that in any manner affect those employed by it or in any way affect the performance of its services pursuant to this Agreement. Consultant shall at all times comply with such laws, ordinances, codes and regulations. Without limiting the generality of the foregoing, if Consultant is an out-of-state corporation or LLC, it must be qualified and registered to do business in the State of California pursuant to sections 2105 and

17708.02 of the California Corporations Code. The City, its officers and employees shall not be liable at law or in equity occasioned by failure of Consultant to comply with this Section.

9. CONFLICT OF INTEREST

Consultant covenants that it presently has no interest and shall not acquire any interest, direct or indirect, which may be affected by the services to be performed by Consultant under this Agreement, or which would conflict in any manner with the performance of its services hereunder. During the term of this Agreement, Consultant shall not perform any work for another person or entity for whom Consultant was not working at the Commencement Date of this Agreement if both: (i) such work would require Consultant to abstain from a decision under this Agreement pursuant to a conflict of interest statute; and (ii) City has not consented in writing prior to Consultant's performance of such work.

10. PERSONNEL

Consultant represents that it has, or will secure at its own expense, all personnel required to perform the services identified in the Scope of Services. All such services shall be performed by Consultant or under its supervision, and all personnel engaged in the work shall be qualified to perform such services. Consultant reserves the right to determine the assignment of its own employees to the performance of Consultant's services under this Agreement, but City reserves the right, for good cause, to require Consultant to exclude any employee from performing services on City's premises. Zeki, Vice President, shall be Consultant's project administrator and shall have direct responsibility for management of Consultant's performance under this Agreement. No change shall be made to Consultant's project administrator without City's prior written consent.

11. OWNERSHIP OF WRITTEN PRODUCTS

All reports, documents or other written material ("written products") developed by Consultant in the performance of this Agreement shall be and remain the property of City without restriction or limitation upon its use or dissemination by City. Consultant may take and retain copies of such written products as desired, but no such written products shall be the subject of a copyright application by Consultant. If any state, federal, or local law requires mandatory copyright protection for Consultant's work product, City shall comply with such laws to the extent feasible.

12. INDEPENDENT CONTRACTOR

12.1 Consultant is, and shall at all times remain as to City, a wholly independent contractor. Consultant shall have no power to incur any debt, obligation, or liability on behalf of City or otherwise to act on behalf of City as an agent. Neither City nor any of its officers, employees or agents shall have control over the conduct of Consultant or any of Consultant's employees, except as set forth in this Agreement. Consultant shall not at any time represent that it is, or that any of its agents or employees are, in any manner employees of City.

12.2 The Parties further acknowledge and agree that nothing in this Agreement shall create or be construed to create a partnership, joint venture, employment relationship, joint-employer relationship, or any other relationship between Consultant or Consultant's employees except as set forth in this Agreement.

12.3 City shall have no direct or indirect control over Consultant's employees or sub-consultants with respect to wages, hours, and working conditions. In addition, City shall not deduct from the Compensation paid to Consultant any sums required for Social Security, withholding taxes, FICA, state disability insurance or any other federal, state or local tax or charge which may or may not be in effect or hereinafter enacted or required as a charge or withholding on the compensation paid to Consultant, Consultant's employees or subconsultants. City shall have no responsibility to provide Consultant, its employees or subconsultants with workers' compensation insurance or any other insurance.

12.4 The Parties further acknowledges the following: (i) that Consultant shall provide the services outlined in the Scope of Services directly to City; (ii) Consultant maintains a business location at the address listed under Section 20 that is separate and distinct from the City; (iii) Consultant contracts with other businesses to provide the same or similar services and maintains a clientele without restriction from the City; (iv) Consultant advertises and holds itself out to the public as available to provide the same or similar services; (v) unless otherwise specified in this Agreement, Consultant provides its own tools, vehicles, and equipment necessary for performing the Scope of Services; (vi) Consultant has proposed and negotiated its own rates; and (vii) consistent with the nature and demands of the project and the City's business hours, Consultant may set its own hours and location of work.

13. CONFIDENTIALITY

All data, documents, discussion, or other information developed or received by Consultant or provided for performance of this Agreement are deemed confidential and shall not be disclosed by Consultant without prior written consent by City. City shall grant such consent if disclosure is legally required. Upon request, all City data and any copies thereof shall be returned to City upon the termination or expiration of this Agreement.

14. NON-LIABILITY OF CITY OFFICIALS AND EMPLOYEES

No official or employee of the City shall be personally liable to Consultant in the event of any default or breach by City, or for any amount which may become due to Consultant.

15. INDEMNIFICATION

15.1 The Parties agree that City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers should, to the extent permitted by law, be fully protected from any loss, injury, damage, claim, lawsuit, cost, expense, attorneys' fees, litigation costs, or any other cost arising out of or in any way related to the performance of this Agreement. Accordingly, the provisions of this indemnity provision are intended by the Parties to be interpreted and construed to provide the fullest protection possible under the law to City. Consultant acknowledges that City would not enter into this Agreement in the absence of Consultant's commitment to indemnify and protect City as set forth herein. Notwithstanding the foregoing, to the extent Consultant's services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.2 To the full extent permitted by law, Consultant shall indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant or any of its officers, employees, servants, agents, or subconsultants in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees. Notwithstanding the foregoing, to the extent Consultant's Services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.3 City shall have the right to offset against the amount of any compensation due Consultant under this Agreement any amount due to City from Consultant as a result of Consultant's failure to pay City promptly any indemnification arising under this Section 15 or related to Consultant's failure to either: (i) pay taxes on amounts received pursuant to this Agreement or (ii) comply with applicable workers' compensation laws.

15.4 The obligations of Consultant under this Section 15 will not be limited by the provisions of any workers' compensation act or similar act. Consultant expressly waives

its statutory immunity under such statutes or laws as to City, its officers, agents, employees and volunteers.

15.5 Consultant agrees to obtain executed indemnity agreements with provisions identical to those set forth here in this Section 15 from each and every subconsultant or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. In the event Consultant fails to obtain such indemnity obligations from others as required herein, Consultant agrees to be fully responsible and indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant's subconsultants or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees.

15.6 City does not, and shall not, waive any rights that it may possess against Consultant because of the acceptance by City, or the deposit with City, of any insurance policy or certificate required pursuant to this Agreement. This hold harmless and indemnification provision shall apply regardless of whether or not any insurance policies are determined to be applicable to the claim, demand, damage, liability, loss, cost or expense.

15.7 **PERS ELIGIBILITY INDEMNITY.** In the event that Consultant or any employee, agent, or subconsultant of Consultant providing services under this Agreement claims or is determined by a court of competent jurisdiction or the California Public Employees Retirement System (PERS) to be eligible for enrollment in PERS as an employee of the City, Consultant shall indemnify, defend, and hold harmless City for the payment of any employee and/or employer contributions for PERS benefits on behalf of Consultant or its employees, agents, or subconsultants, as well as for the payment of any penalties and interest on such contributions, which would otherwise be the responsibility of City.

Notwithstanding any other agency, state or federal policy, rule, regulation, law or ordinance to the contrary, Consultant and any of its employees, agents, and subconsultants providing service under this Agreement shall not qualify for or become entitled to, and hereby agree to waive any claims to, any compensation, benefit, or any incident of employment by City, including but not limited to eligibility to enroll in PERS as an employee of City and entitlement to any contribution to be paid by City for employer contribution and/or employee contributions for PERS benefits.

16. INSURANCE

16.1 During the term of this Agreement, Consultant shall carry, maintain, and keep in full force and effect insurance against claims for death or injuries to persons or damages to property that may arise from or in connection with Consultant's performance of this Agreement. Such insurance shall be of the types and in the amounts as set forth below:

16.1.1 Comprehensive general liability, and Umbrella or Excess Liability Insurance covering all operations by or on behalf of Consultant providing insurance for bodily injury liability and property damage liability for the following and including coverage for:

16.1.1.1 Premises, operations, and mobile equipment

16.1.1.2 Products and completed operations

16.1.1.3 Broad form property damage (including completed operations)

16.1.1.4 Explosion, collapse, and underground hazards

16.1.1.5 Personal Injury

16.1.1.6 Contractual liability

in the amount of One Million Dollars ($1,000,000) per occurrence combined single limit; Two Million Dollars ($2,000,000) aggregate for products/completed operation; Two Million Dollars ($2,000,000) general aggregate (General aggregate must apply separately to Consultant's work under this Agreement.); and Five Million Dollars ($5,000,000) umbrella or excess liability.

16.1.2 Automobile Liability Insurance for owned, hired and non-owned vehicles utilized by Consultant, its employees or subconsultants, in the amount of One Million Dollars ($1,000,000) per accident for bodily injury and property damage.

16.1.3 Worker's Compensation Insurance as required by the laws of the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than One Million Dollars ($1,000,000) per accident for bodily injury or disease.

16.1.4 Professional Liability Insurance against errors and omissions in the performance of the work under this Agreement with coverage limits of not less than One Million Dollars ($1,000,000) per occurrence of claim/ Two Million Dollars ($2,000,000) in the aggregate.

16.2 Consultant shall require each of its subconsultants, if any, to maintain insurance coverage that meets all of the requirements of this Agreement.

16.3 The policy or policies required by this Agreement shall be issued by an insurer admitted in the State of California and with a rating of at least A:VII in the latest edition of Best's Insurance Guide.

16.4 Consultant agrees that if it does not keep the aforesaid insurance in full force and effect City may either: (i) immediately terminate this Agreement; or (ii) take out the necessary insurance and pay, at Consultant's expense, the premium thereon.

16.5 At all times during the term of this Agreement, Consultant shall maintain on file with City's Risk Manager a certificate or certificates of insurance showing that the aforesaid policies are in effect in the required amounts and, for the general liability and automobile liability policies, naming the City as an additional insured. Consultant shall, prior to commencement of work under this Agreement, file with City's Risk Manager such certificate(s).

16.6 Consultant shall provide proof that policies of insurance required herein expiring during the term of this Agreement have been renewed or replaced with other policies providing at least the same coverage. Consultant shall provide such proof to City at least two weeks prior to the expiration of the coverages.

16.7 The general liability and automobile policies of insurance required by this Agreement shall contain an endorsement naming City, its officers, employees, agents and volunteers as additional insureds. All of the policies required under this Agreement shall contain an endorsement providing that the policies cannot be canceled or reduced except on thirty days' prior written notice to City. Consultant agrees to require its insurer to modify the certificates of insurance to delete any exculpatory wording stating that failure of the insurer to mail written notice of cancellation imposes no obligation, and to delete the word "endeavor" with regard to any notice provisions.

16.8 The general liability and automobile policies of insurance provided by Consultant shall be primary to any coverage available to City. Any insurance or self-insurance maintained by City, its officers, employees, agents or volunteers, shall be in excess of Consultant's insurance and shall not contribute with it.

16.9 All insurance coverage provided pursuant to this Agreement shall not prohibit Consultant, and Consultant's employees, agents or subconsultants, from waiving the right of subrogation prior to a loss. Consultant hereby waives all rights of subrogation against the City.

16.10 Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of City, Consultant shall either reduce or eliminate the deductibles or self-insured retentions with respect to City, or Consultant shall procure a bond guaranteeing payment of losses and expenses.

16.11 Procurement of insurance by Consultant shall not be construed as a limitation of Consultant's liability or as full performance of Consultant's duties to indemnify, hold harmless and defend under Section 15 of this Agreement.

16.12 If Consultant maintains broader coverage and/or higher limits than the minimums shown above, the City requires and shall be entitled to the broader coverage and/or the higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

17. MUTUAL COOPERATION

17.1 City shall provide Consultant with all pertinent data, documents and other requested information as is reasonably available to City for the proper performance of Consultant's services under this Agreement.

17.2 In the event any claim or action is brought against City relating to Consultant's performance in connection with this Agreement, Consultant shall render any reasonable assistance that City may require.

18. RECORDS AND INSPECTIONS

Consultant shall maintain full and accurate records with respect to all matters covered under this Agreement for a period of three years after the expiration or termination of this Agreement. City shall have the right to access and examine such records, without charge, during normal business hours. City shall further have the right to audit such records, to make transcripts therefrom and to inspect all program data, documents, proceedings, and activities.

19. PERMITS AND APPROVALS

Consultant shall obtain, at its sole cost and expense, all permits and regulatory approvals necessary in the performance of this Agreement. This includes, but shall not be limited to, encroachment permits and building and safety permits and inspections.

20. NOTICES

Any notices, bills, invoices, or reports required by this Agreement shall be deemed received on: (i) the day of delivery if delivered by hand, facsimile, email, or overnight courier service during Consultant's and City's regular business hours; or (ii) on the third business day following deposit in the United States mail if delivered by mail, postage prepaid, to the addresses listed below (or to such other addresses as the Parties may, from time to time, designate in writing).

If to City:

Steve Carmona, City Manager
City of Pico Rivera
PO Box 1016
6615 Passons Blvd.
Pico Rivera, California 90660-1016

If to Consultant:

Zeki Kayiran, President
AKM Consulting Engineers
553 Wald
Irvine, CA 92618

With a courtesy copy to:

Arnold M. Alvarez-Glasman, City Attorney
13181 Crossroads Parkway North
Suite 400 - West Tower
City of Industry, CA 91746

21. SURVIVING COVENANTS

The Parties agree that the covenants contained in Sections 13, 15 and Paragraph 17.2 of Section 17, of this Agreement shall survive the expiration or termination of this Agreement.

22. TERMINATION

22.1 City shall have the right to terminate this Agreement for any reason on five (5) calendar days' written notice to Consultant. Consultant shall have the right to terminate this Agreement for any reason on sixty (60) calendar days' written notice to City. The effective date of termination shall be upon the date specified in the notice of termination. Consultant agrees that in the event of such termination, City's obligation to pay Consultant shall be limited to payment only for those services satisfactorily rendered, as solely determined by the City, prior to the effective date of termination. Consultant agrees to cease all work under this Agreement on or before the effective date of any notice of termination. All City data, documents, objects, materials or other tangible things shall be returned to City upon the termination or expiration of this Agreement.

22.2 If City terminates this Agreement due to no fault or failure of performance by Consultant, then Consultant shall be paid based on the work satisfactorily performed, as solely determined by the City, at the time of termination. In no event shall Consultant be entitled to receive more than the amount that would be paid to Consultant for the full performance of the services required by this Agreement.

23. ASSIGNMENT

Consultant shall not delegate, transfer, subcontract or assign its duties or rights hereunder, either in whole or in part, without City's prior written consent, and any attempt

to do so shall be void and of no effect. City shall not be obligated or liable under this Agreement to any Party other than Consultant.

24. NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY

24.1 In the performance of this Agreement, Consultant shall not discriminate against any employee, subconsultant, or employment applicant because of race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation. Consultant will take affirmative action to ensure that subconsultants, employees, and employment applicants are treated without regard to their race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.2 Consultant will, in all solicitations or advertisements for employees placed by or on behalf of Consultant state either that it is an equal opportunity employer or that all qualified applicants will receive consideration for employment without regard to race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.3 Consultant will cause the foregoing provisions to be inserted in all subcontracts for any work covered by this Agreement except contracts or subcontracts for standard commercial supplies or raw materials.

25. WARRANTIES

25.1 Each Party has received independent legal advice from its attorneys with respect to the advisability of entering into and executing this Agreement, or been provided with an opportunity to receive independent legal advice and has freely and voluntarily waived and relinquished the right to do so. Each Party who has not obtained independent counsel acknowledges that the failure to have independent legal counsel will not excuse such Party's failure to perform under this Agreement.

25.2 In executing this Agreement, each Party has carefully read this Agreement, knows the contents thereof, and has relied solely on the statements expressly set forth herein and has placed no reliance whatsoever on any statement, representation, or promise of any other party, or any other person or entity, not expressly set forth herein, nor upon the failure of any other party or any other person or entity to make any statement, representation or disclosure of any matter whatsoever.

25.3 It is agreed that each Party has the full right and authority to enter into this Agreement, and that the person executing this Agreement on behalf of either Party has the full right and authority to fully commit and bind such Party to the provisions of this Agreement.

26. CAPTIONS

26.1 The captions appearing at the commencement of the sections hereof, and in any paragraph thereof, are descriptive only and for convenience in reference to this Agreement. Should there be any conflict between such heading, and the section or paragraph thereof at the head of which it appears, the section or paragraph thereof, as the case may be, and not such heading, shall control and govern in the construction of this Agreement.

26.2 Masculine or feminine pronouns shall be substituted for the neuter form and vice versa, and the plural shall be substituted for the singular form and vice versa, in any place or places herein in which the context requires such substitution(s).

27. NON-WAIVER

27.1 The waiver by City or Consultant of any breach of any term, covenant or condition herein contained shall not be deemed to be a waiver of such term, covenant or condition or of any subsequent breach of the same or any other term, covenant or condition herein contained. In no event shall the making by City of any payment to Consultant constitute or be construed as a waiver by City of any breach of covenant, or any default which may then exist on the part of Consultant, and the making of any such payment by City shall in no way impair or prejudice any right or remedy available to City with regard to such breach or default. No term, covenant or condition of this Agreement shall be deemed to have been waived by City or Consultant unless in writing.

27.2 Each right, power and remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise shall be cumulative and shall be in addition to every other right, power, or remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise. The exercise, the commencement of the exercise, or the forbearance of the exercise by any Party of any one or more of such rights, powers or remedies shall not preclude the simultaneous or later exercise by such Party of any of all of such other rights, powers or remedies.

27.3 Consultant shall not be liable for any failure to perform if Consultant presents acceptable evidence, in City's sole judgment, that such failure was due to causes beyond the control and without the fault or negligence of Consultant.

28. COURT COSTS AND ATTORNEY FEES

In the event legal action shall be necessary to enforce any term, covenant or condition herein contained, the Party prevailing in such action, whether reduced to judgment or not, shall be entitled to its reasonable court costs, including accountants' fees and expert witness fees, if any, and attorneys' fees expended in such action. The venue for any litigation shall be Los Angeles County, California.

29. SEVERABILITY

If any term or provision of this Agreement or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable, then such term or provision shall be amended to, and solely to, the extent necessary to cure such invalidity or unenforceability, and in its amended form shall be enforceable. In such event, the remainder of this Agreement, or the application of such term or provision to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby, and each term and provision of this Agreement shall be valid and be enforced to the fullest extent permitted by law.

30. GOVERNING LAW

This Agreement shall be governed and construed in accordance with the laws of the State of California.

31. COUNTERPARTS

This Agreement may be signed in any one or more counterparts all of which taken together shall be but one and the same Agreement. Any signed copy of this Agreement or of any other document or agreement referred to herein, or copy or counterpart thereof, delivered by facsimile or email transmission, shall for all purposes be treated as if it were delivered containing an original manual signature of the Party whose signature appears in the facsimile or email and shall be binding upon such Party in the same manner as though an originally signed copy had been delivered.

32. ENTIRE AGREEMENT

All documents referenced as exhibits in this Agreement are hereby incorporated in this Agreement. In the event of any material discrepancy between the express provisions of this Agreement and the provisions of any document incorporated herein by reference, the provisions of this Agreement shall prevail. This instrument contains the entire Agreement between City and Consultant with respect to the transactions contemplated herein. No other prior oral or written agreements are binding upon the Parties. Amendments hereto or deviations herefrom shall be effective and binding only if made in writing and executed by City and Consultant.

[This section intentionally left blank]

TO EFFECTUATE THIS AGREEMENT, the Parties have caused their duly authorized representatives to execute this Agreement on the dates set forth below.

"CITY" CITY OF PICO RIVERA	"CONSULTANT" AKM CONSULTING ENGINEERS
_____ Andrew C. Lara, Mayor	_____ Zeki Kayiran, President
Dated: _____	Dated: _____
ATTEST:	**APPROVED AS TO FORM:**
_____ Cynthia Ayala, City Clerk	_____ Arnold M. Alvarez-Glasman, City Attorney

EXHIBIT A
SCOPE OF SERVICES

Water Resources
Infrastructure
Construction Management

AKM Consulting Engineers
553 Wald
Irvine, CA 92618
Telephone: 949.753.7333 Facsimile: 949.753.7320
www.akmce.com

February 14, 2024

City of Pico Rivera
6615 Passons Blvd.
Pico Rivera, CA 90660
ATTN: Noe Negrete, Director of Public Works

Subject: Proposal to Provide On-Call Design Services

In response to your Request for Proposal dated January 10, 2024, AKM Consulting Engineers (AKM) is pleased to submit this proposal to provide on-call design services for the City of Pico Rivera (City). Our proposal reflects our understanding of the scope of work based upon the RFP, review of the Contract Documents, insurance documents, and information provided by the City. Contact information for this proposal is below.

- **Legal Name of Firm:** AKM Consulting Engineers, Inc. - 553 Wald, Irvine, CA 92618
- **Year Firm Established:** 1990
- **Contact Information:**
  Mr. Zeki Kayiran zkayiran@akmce.com
  Telephone: 949-753-7333 Fax: 949-753-7320
- **General Description: California** Corporation
- **Federal Employer ID:** 33-0422066
- **DIR Number:** 10000059371
- **Number of Employees:** 30

AKM, a Small Business Enterprise, has assembled a Project Team with extensive experience and expertise in all facets of planning, design, and construction management of water, recycled water, wastewater, and stormdrain projects. We work exclusively on public agency water resources projects. AKM has a long and distinguished record of providing on-call professional services to public agencies, and pledges the timely deployment of resources to successfully undertake any task that the City may assign. We are thoroughly familiar with the City's standards, facilities, and service area, and can immediately respond to any City assignment which is consistent with City's preferences and requirements, and that will exceed the high quality standards expected by the City.

Our Project Team includes seven (7) specialty sub-consultants, who will assist AKM in providing all the required services for the project. They include the following:

Geotechnical Investigation – Michael Putt, P.G., C.E.G. (949) 753-7070 x12321
Ninyo and Moore – 475 Goddard Suite 200, Irvine, CA 92618

Surveying – Bob Kelsoe, P.L.S. (951) 736-0755
Kelsoe and Associates – 8754 Kendra Lane, Corona, CA 92880

Water Resources
Infrastructure
Construction Management

AKM Consulting Engineers
553 Wald
Irvine, CA 92618
Telephone: 949.753.7333 Facsimile: 949.753.7320
www.akmce.com

Environmental Consulting – Tim Belzman (619) 462-1515
Helix Environmental -7578 El Cajon Blvd., La Mesa, CA 91942

Electrical Consulting – Mark Balan, P.E., E.E. (714) 970-2000 x405
Mark Balan and Associates – 19871 Yorba Linda Drive #105, Yorba Linda, CA 92886

Community Outreach – Jill DeCriscio (714) 855-1771
Alliance Outreach – 1411 N. Batavia Street, Orange, CA 92867

Architectural Renderings – Jack Panichapan, AIA, LEED AP (714) 668-4260
Gillis+Panichapan Architects – 2900 Bristol Street, Suite G205, Costa Mesa, CA 92626

Landscape Architecture – Jane Cataldo, RLA (949) 756-0150
Lynn Capouya, Inc. – 17992 Mitchell Street Suite 110, Irvine, CA 92614

AKM is willing and able to provide the required insurance coverage and Accord insurance form. The undersigned certifies that AKM meets the minimum requirements of this solicitation. Our proposal will be valid for 120 days from the date of this submittal. As the President of AKM, the undersigned is authorized to bind the firm as set forth in the California Corporations Code. All information provided in the proposal is true and correct.

We appreciate the opportunity to submit our proposal and look forward to being of service to the City of Pico Rivera on this most important project. Should you have any questions regarding our submittal or require additional information, please do not hesitate to contact the undersigned.

Sincerely,

AKM Consulting Engineers

Zeki Kayiran, P.E.
Principal

QUALIFICATIONS OF THE FIRM

AKM Consulting Engineers is a multi-disciplined professional organization that specializes in providing water resources engineering and related services to public agencies. The scope of services offered by AKM includes all facets of planning, design and construction management/inspection for potable water, recycled water, wastewater, and storm water projects. We have a long and distinguished record of providing services to public agencies.

TECHNICAL STAFF

The technical staff of AKM is comprised of recognized experts in water resources planning, design, construction, operations and management. Every assignment is managed by principals of the firm to ensure that the project receives detailed attention. All work is thoroughly reviewed by senior company officers prior to any milestone submittal or issuance of project documents.

STRENGTH AND STABILITY OF THE FIRM

AKM Consulting Engineers has been providing water resources engineering planning, condition assessment, design, and construction management/inspection services for over 33 years. Over 90% of our work has consistently been with repeat clients, which is a testament to the quality of our work. AKM has no bankruptcy, planned office closure or impending mergers that may impede AKM's ability to complete the project.

Our staff is made up of seasoned professionals who have worked together on numerous projects. They have been with the company for many years, and have worked together even longer. They are experts in their fields. Our work is of very high quality, resulting in minimal, if any, change orders in implementation.

We utilize the services of several specialty sub-consultants in providing complete project delivery to our clients. We have worked with these sub-consultants on many successful treatment plant, pipeline, pump station, well, reservoir, and other facility improvement projects.

AKM is, and has always been in excellent financial standing. AKM has no bankruptcy, planned office closure or impending mergers that may impede AKM's ability to complete the project. AKM has no history of any claims filed in the past five years not is there any pending litigation. Financial statements and additional information can be made available upon request.

PROJECT MANAGEMENT

AKM Consulting Engineers employs an "integrated project management" approach for each project. To ensure that the project delivers successful results, a work plan is established at the inception, and resource loaded work elements and a schedule are prepared. This schedule and work elements are integrated with the

COMPANY INFORMATION

- **Legal Name of Firm:** AKM Consulting Engineers, Inc. - 553 Wald, Irvine, CA 92618
- **Year Firm Established:** 1990
- **Contact Information:** Mr. Zeki Kayiran zkayiran@akmce.com Telephone: 949-753-7333 Fax: 949-753-7320
- **General Description:** **California** Corporation
- **Federal Employer ID:** 33-0422066
- **DIR Number:** 10000059371
- **Number of Employees:** 30

ON-CALL CONTRACTS

- City of Camarillo / Camarillo Sanitary District
- South Coast Water District
- City of Cypress
- West Basin Municipal Water District
- Water Replenishment District
- City of Signal Hill
- City of Chino Hills
- Long Beach Water Department
- City of Long Beach
- Montebello Land and Water Company
- City of Santa Ana (CM / I)
- City of Fontana (CM / I)
- City of Paramount (CM / I)
- City of Corona (Inspection)
- County of San Bernardino
- County of Riverside
- County of Orange
- Ontario Municipal Utilities Company (CM / I)

special needs of the project and the Client. Regular reporting of project status is accomplished by routine monitoring of progress against the established work elements and resource allocations by task. Any slips in schedule, technical difficulties, or unforeseen conditions are promptly recognized, quantified and addressed, and the Client is apprised. This approach results in technically superior work products completed within schedule and budget to full satisfaction of the clients.

COMPUTER APPLICATIONS

The achievement of superior engineering services is assisted by the continued implementation of advanced computer applications, modeling software, techniques and products. The office maintains in-house CADD capabilities, and engineering design work and computations are computer based. An in-house library of standard software application packages is maintained and continually updated.

FULL LISTING OF SERVICES

A full listing of services offered by AKM is as follows:

POTABLE WATER, RECYCLED WATER, WASTE WATER, AND STORMWATER

- Master Plans
- Water Treatment
- Water Reclamation
- Odor Control
- Solids Handling
- Outfalls
- Collection Facilities
- Pump and Lift Stations
- Storm Drains and Channels
- Detention Basins
- Permitting and Regulatory Compliance
- Pipeline and Transmission Facilities
- Wells
- Storage Facilities
- Deficiency Reports and Inventories
- Condition Assessment
- Capital and Facilities Plans
- Improvement Plans
- Hydraulic Analysis
- Hydraulic Structures
- Reservoirs and Lakes
- Water Quality

PLANNING

- Project Planning
- Potable Water, Recycled Water, Waste Water, and Storm Water Master Plans
- Facility Planning
- Economic and Financial Planning
- Conjunctive Use Planning
- Sewer System Management Plans
- Rate Studies
- Urban Water Management Plans
- Water Supply Assessments

TECHNICAL SERVICES

- Supervisory Control and Data Acquisition (SCADA)
- Geographic Information Systems (GIS)
- Operations and Maintenance
- Scheduling
- CADD (Microstation, AutoCAD)
- Expert Witness

CONSTRUCTION SUPPORT

- Contract Administration
- Inspection
- Construction Management
- Resident and Field Services
- Constructability Reviews
- Procurement
- Start-Up and Acceptance
- Project Close-Out
- Estimating

Qualifications

AKM Consulting Engineers, by virtue of its extensive relevant experience, specialized training, local knowledge, and technical competence, can provide the City of Pico Rivera high quality engineering services

when established schedule requirements. Our staff members possess experience directly related to all facets of potable water, recycled water, and wastewater facility planning, design, and construction management/support.

Full client satisfaction is a corporate commitment at AKM. This is reflected in a very high repeat client base (over 92%), our standing in the industry as a premier water resources engineering company, low insurance rates, and a very stable work force.

A partial list of clients for whom AKM has provided water resources planning, design, and construction inspection/management services includes the following.

Cities

- City of Alhambra
- City of Arcadia
- City of Anaheim
- City of Bellflower
- City of Brea
- City of Buena Park
- City of Camarillo
- City of Chino Hills
- City of Claremont
- City of Corona
- City of Culver City
- City of Cypress
- City of El Segundo
- City of Fountain Valley
- City of Garden Grove
- City of Glendora
- City of Hermosa Beach
- Huntington Beach
- City of Inglewood
- City of La Habra
- City of La Palma
- City of Los Angeles
- City of Lompoc
- City of Long Beach
- City of Manhattan Beach
- City of Moreno Valley
- City of Monterey Park
- City of Newport Beach
- City of Norwalk
- City of Ontario
- City of Orange
- City of Palmdale
- City of Palos Verdes Estates
- City of Paramount
- City of Pomona
- City of Port Hueneme
- City of Rancho Cucamonga
- City of Rancho Palos Verdes
- City of Redondo Beach
- City of San Bernardino
- City of San Clemente
- City of San Juan Capistrano
- City of Santa Fe Springs
- City of Stanton
- City of San Diego
- City of Seal Beach
- City of Signal Hill
- City of Torrance
- City of Tustin
- City of Whittier

Special Districts

- Alameda Corridor Transp. Authority
- Bellflower Somerset Mutual Water Co.
- Camarillo Sanitary District
- Central Basin Municipal Water District
- Costa Mesa Sanitary District
- East Orange County Water District
- Garden Grove Sanitary District
- Golden State Water Company
- Inland Empire Utilities Agency
- Irvine Ranch Water District
- Long Beach Utilities
- Los Angeles County DPW
- Mesa Water District
- Midway City Sanitary District
- Montebello Land and Water Co.
- Monte Vista Water District
- Moulton Niguel Water District
- Orchard Dale Water District
- Orange County Public Works
- Orange County Sanitation District
- Orange County Water District
- Port of Long Beach
- Rancho California Water District
- Rowland Water District
- San Bernardino County FCD
- San Diego County Water Authority
- Santa Margarita Water District
- South Coast Water District
- South Montebello Irrigation District
- Trabuco Canyon Water District

- Tri-Cities Municipal Water District
- US Army Corps of Engineers
- US Navy
- West Basin Municipal Water District
- Water Replenishment District of Southern California

PROJECT SPECIFIC EXPERIENCE

AKM Consulting Engineers has a long and distinguished track record in providing quality engineering services, especially with respect to planning, design, and construction support of water, recycled water, and wastewater systems. Specific examples of AKM's experience related to on-call water engineering services are listed below.

SIMON RANCH BOOSTER PUMP STATION AND ZONE 1 AND 3 PIPELINES

CITY OF TUSTIN - 300 CENTENNIAL WAY, TUSTIN, CA 92780
CONTACT: Mike Grisso, Water Services Manager (714) 361-4719 mgrisso@tustinca.org
CONSTRUCTION COST: $5,000,000 **A/E FEES**: $950,000 **COMPLETED**: 2022
AKM STAFF: Z. KAYIRAN (PIC), D. BAKER (PE), D. PAY (HYDRAULIC ANALYSIS), E. KAYIRAN (CONST. REVIEW), S. PATTERSON (CONST. REVIEW)

AKM prepared a preliminary design report, and construction plans, specifications, and cost estimates for a new water booster pump station replacing the existing pump station which was 60 years old, inadequate in capacity, hard to access and in poor condition.

The new station is located at the existing Simon Ranch Reservoir site. The new pump station contains two 850 gpm duty pumps, one 2500 gpm fire flow pump, a 500 kW permanent emergency generator, as well as an inter-zonal connection through a pressure regulating station, all housed in a below-grade, reinforced concrete structure. The pumps are operated by 18 pulse variable frequency drives with bypass solid state contactors. The VFDs are provided to operate the pump station in case of an outage of the single reservoir for Zone 3. The project included 4,100 LF of 8-inch, 10-inch, 12-inch and 16-inch Zone 1 and Zone 3 pipes. As a part of the scope of the work, AKM utilized the City's hydraulic model and evaluated various pumping alternatives, station layouts, surges, control schematics and zonal demands from historic records. Also evaluated were various flow regulation systems for the pump station during outages of the storage reservoirs.

WELL COLLECTION MAIN AND CENTRAL PFAS TREATMENT PROJECT
MONTEBELLO LAND AND WATER COMPANY
CONTACT: MR. KOREY BRADBURY – GENERAL MANAGER (323) 722-8654
KOREY@MTBLW.COM
CONSTRUCTION COST: $6,000,000 **A/E FEES**: $10,000 **COMPLETION**: 2/2020
AKM STAFF: Z. KAYIRAN (PIC), G. HOBSON (PM), D. BAKER (PE), H. HERRERA (DE), S. PATTERSON (CONST. REVIEW)

AKM Consulting Engineers evaluated PFAS treatment options for the Company (GAC and IX treatment), as well as individual treatment facilities for the new well and Well 14, which is 4,000 feet away from the yard. AKM recommended a combined IX treatment facility at the yard to treat five (5) existing wells, and the new Well 15; and a separate IX facility for Well 14. The treatment plant consists of four (4) parallel lead-lag systems with 12-foot diameter vessels. The project included pilot testiing of two PFAS selective ion exchange resins; and preparation of the Engineering report for DDW review.

BENETA WELL 2
CITY OF TUSTIN – 300 CENTENNIAL WAY, TUSTIN, CA 91030
CONTACT: ERIC JOHNSON (714) 573-3150 EJOHNSON@TUSTINCA.ORG
CONSTRUCTION COST: $2,600,000 **A/E FEES**: $510,000 **COMPLETION:** 2023
AKM STAFF: Z. KAYIRAN (PIC), J. LEE (PE), D. PAY (HYDRAULIC ANALYSIS)

AKM was responsible for preparation of plans, specifications, and estimates for construction of a new 1,500 gpm, 450 hp VFD operated well facility. The work included well building architecture matching the area, standby diesel generator, biotreatment storm drain filter, site improvements, and 12-inch diameter discharge pipe connecting to the existing distribution system.

Subconsultant Projects with AKM

Project	Agency		Subconsultant						
		Ninyo and Moore	Kelsoe and Associates	Helix Environmental	Balan and Associates	Alliance Outreach	GPA	LCI
Main Street Sewer Replacement Project	Alhambra, City of		x					
Sewage Lift Station No. 2 Replacement	Alhambra, City of	x	x					
Sewer Lift Station No. 7 and Forcemain	Alhambra, City of	x	x					
Hidden Canyon Booster Pump Station	Anaheim, City of						x	
Linda Vista Complex Pump Station	Anaheim, City of				x		x	x
Camino Real Booster Pump Station	Arcadia, City of	x						
Orange Groove Booster Pump Station	Arcadia, City of	x						
8" Watermain LAC Bellflower Health Center	Bellflower Somerset MWC		x					
Pump Station No. 3	Camarillo, City of	x						
Relief Sewer on Dawson Road	Camarillo, City of	x						
Relief Sewer on Lewis Road	Camarillo, City of	x						
Butterfield Lift Station Forcemain Partial Replacement	Chino Hills, City of	x						
Peyton Dr English Channel Mitigation	Chino Hills, City of		x	x				
Evaluation of Sewer CIP	Claremont, City of		x					
Cota and Lincoln Ponds, IP Access Mods	Corona, City of		x					
Ion Exchange and Prop 50 Wells	Corona, City of						x	
Ontario Booster Pump Station Relocation	Corona, City of	x						
R-3 Potable Water Reservoir	Corona, City of	x	x					
Rincon Bridge over Oak Channel	Corona, City of	x	x					
Smith Rincon Sewer Lift Station Replacement	Corona, City of	x						
West Rincon Sewerline, Malloy to Cota	Corona, City of		x					
WRF 3 Lift Station	Corona, City of	x						
WWTP#2 Lift Station Improvements	Corona, City of	x						
Sanitary Sewer Master Plan	Culver City, City of		x					
12" Sewer Repair in Myra Avenue	Cypress, City of		x					
15 Sewer Replacement Project	Cypress, City of	x	x					
C-2&C2-2 Storm Drain Improvements	Cypress, City of	x						
CIP No 5, 6, 13 and 19	Cypress, City of	x	x					
Civic Center Sewer Lateral Rehabilitation	Cypress, City of		x					
Myra Ave PS No. 2	Cypress, City of	x						
Myra Ave Pump Station No. 3	Cypress, City of	x						
Myra Avenue Storm Drain	Cypress, City of	x						
Sewer Imp at Various Locations Project 150	Cypress, City of		x					
Storm Drain Improvements	Cypress, City of		x					
Valley View St. Storm Drain	Cypress, City of	x						
El Segundo Area Recycled Water Project	El Segundo, City of	x						
Fire Station Seismic Retrofit Inspection	El Segundo, City of	x						
Hilltop Park Playground Improvements	El Segundo, City of	x						
Imperial Highway Resurfacing Project	El Segundo, City of	x						
I-Net Fiber Optic Connections	El Segundo, City of	x						
Maple Avenue Street Improvements	El Segundo, City of	x						
Pump Stations No. 1 and No. 7	El Segundo, City of	x						
Walnut and Maple	El Segundo, City of	x						
Water Improvements at Illinois/Indiana/Pine/Mariposa	El Segundo, City of	x						
Water Main Improvements at Mariposa	El Segundo, City of	x						
Watermain at Oak and Bayonne	El Segundo, City of	x						
Watermain Improvements at Center St to Pine Avenue	El Segundo, City of	x						
Reservoir 1 Booster Pump Station	Fountain Valley, City of							
Walnut Avenue Drainage and Street Improvements	Fountain Valley, City of	x						
Thunderbird Lane Sewer and Street Improvements	Garden Grove Sanitation District	x						
Tiffany Pump Station Improvements	Garden Grove Sanitation District	x						
Design and Inspection Services Partridge	Garden Grove SD		x					
Lampson Avenue Feasibility Study	Garden Grove SD	x	x					
Magnolia Storm Drain Pump Station	Garden Grove, City of		x					
Well 31	Garden Grove, City of							
North Glendora Reservoir	Glendora, City of	x						
Arbor St & Locust Ave Sewer Improvments	Long Beach Utilities Dept.		x					
Wells Alamitos 9A & 14	Long Beach Utilities Dept.	x	x					x
Alboni Place	Long Beach, City of		x					
Ocean Blvd Sewer	Long Beach, City of	x						
Pre-Construction Phase LB Must Treatment	Long Beach, City of	x						
Pump Station Mitigation Projecr SD-13	Long Beach, City of	x						
Pump Station Mitigation Projecr SD-14	Long Beach, City of	x						
Pump Station Mitigation Projecr SD-15	Long Beach, City of	x						
Pump Station Mitigation Projecr SD-19	Long Beach, City of	x						
Pump Station Mitigation Projecr SD-20	Long Beach, City of	x						
Pump Station Mitigation Project SD-06	Long Beach, City of	x						
Stormwater Pump Station No. 6	Long Beach, City of							
Rose Avenue Pipeline	Monte Vista WD	x	x					
Drilling and Equipping of Well 15	Montebello Land and Water Co.		x	x	x			
PFAS Treatment Facility	Montebello Land and Water Co.	x	x	x				
Drainage Master Plan K-1&K-4	Moreno Valley, City of	x	x					
Golden Lantern Reservoir	Moulton Niguel WD		x					
Evaluation of Section 5 Pump Station	Newport Beach, City of	x						
Haster Basin	OCPW	x						
Prado Dam/Alcoa Dike/Geotech Rprt	OCPW	x						
Seal Beach Storm Water Pump Station	OCPW		x					
Alamitos Barrier Improvements	OCWD	x						
Imprerial Headgate and Weir Pond	OCWD	x						
Diversion of Magnolia Pump Station	Ontario, City of	x						
Pump Station Improvements	Palos Verdes Estates, City of	x						
Paseo Del Mar and Rocky Point Pump Station Improvements	Palos Verdes, City of	x						
Alta Vista Park Pump Station and Camino Real Booster Pump Station	Redondo Beach, City of		x					
Torrance Circle Storm Water Diversion	Redondo Beach, City of		x					
Design of Native Ave and Dusk Street Waterline	Rowland WD		x					
Granby Place Lot Line Adjustment	Rowland WD		x					
Reservoir 4 and 9 Site Survey	Rowland WD		x					
Ultimate Future 3 System Recycled Water	Rowland WD		x	x				
Beach Trunk Sewer Replacement	San Clemente, City of	x						
Blanco Pump Station Rehablilitation	San Clemente, City of		x					
Calle Real Pump Station Rehabilitation	San Clemente, City of	x	x					
Cuatro Pump Station Replacement Project	San Clemente, City of	x	x					
Cyprus Shore Storm Drain Relocation	San Clemente, City of		x					
Cyprus Shores Lift St Emergency Relocation	San Clemente, City of		x					
PRV Design	San Clemente, City of	x						
Reservoir No1 Expansion	San Clemente, City of	x						
Eastern Wells and Pipeline Project	San Juan Capistrano, City of	x						
SA-5 Vault Modifications	Santa Ana, City of	x						
Well 12	Santa Fe Springs, City of	x						
6th Street Alley, Water & Sewer Improvements	Seal Beach, City of		x					
Adolfo Lopez Pump Station Settelment Investigation	Seal Beach, City of	x						
Beverly Manor Booster Station	Seal Beach, City of	x						
Lampson & Lenore St Bid Package	Seal Beach, City of		x					
PDR, Marina Avenue - PCH to 5th Street	Seal Beach, City of		x					
PDR, Seal Way-Seal Beach Blvd Navy	Seal Beach, City of	x	x					
PDR-College Park East - Elder Guava Trib	Seal Beach, City of	x	x					
PS#35, Construction Management	Seal Beach, City of	x						
Storm Drain Design at Electric Ave	Seal Beach, City of	x						
Storm Drain Design at Marina	Seal Beach, City of	x						
West End Stormwater Pump Station	Seal Beach, City of	x						
Golden/Stonehill Recycled Water Distribution Improvements	South Coast WD		x	x				
Lift Station No. 2 Replacement	South Coast WD	x	x					x
Lift Station No.2, Preliminary Design Reprt	South Coast WD	x	x					x
PCH PRV Upgrades	South Coast WD	x		x				
Equipping Well 8. PFAS, New Booster Pump Station Design	South Montebello Irrigation Dist.	x	x					
Court Street Sewer Study	Stanton, City of		x					
GG Blvd From Coast to Hoover Street	Stanton, City of	x						
Beneta Well, CIP 60151	Tustin, City of		x					x
Equipping of Edinger Well	Tustin, City of	x						
Brewer Well Pipeline & Improvements	Water Replenishment District	x	x		x			
Cathodic Protection System Improvements	WBMWD	x						
ECLWRF, Waste Discharge, CM	WBMWD	x						
Harbor Recycled Water Pipelines	WBMWD	x						
Inglewood Basketball Entertainment Center	WBMWD	x						
Phase III Microfiltration Clearwell	WBMWD	x						
Phase IV Optimization Project	WBMWD	x						
Title 22 Booster Pump Station Project	WBMWD	x						
Recycled Waterline in South Gardena-Normandie St	West Basin MWD	x	x					
Flomar Dr Storm Drain	Whittier, City of	x						

STAFFING RESOURCES

AKM Consulting Engineers provides an in-house multi-disciplinary staff of professionals who are recognized specialists in their areas of expertise. The staff members have superb technical training and academic backgrounds. Furthermore, they regularly attend technical seminars to keep abreast of the professional developments in their fields. We have included seven (7) subconsultants in our project team to comprehensively address all the potential needs of the identified projects, and deliver technically superior work products: Ninyo and Moore (geotechnical investigation), Kelsoe and Associates (surveying), Helix Environmental (environmental consulting), Mark Balan and Associates (electrical engineering), Alliance Outreach (Public Outreach), GPA (architectural renderings), and LCI (landscape architecture).

Our **Project Team Organization** is illustrated at the end of this section. Brief descriptions of key Project Team members proposed for this project are provided below. Resumes including a list of related projects completed by the key staff are included at the end of this section. Key staff members will be available throughout the duration of the Professional Services Agreement and no person shall be removed or replaced without prior written concurrence of the City.

PROJECT SUPERVISOR / PROJECT MANAGER - *MAIN CONTACT WITH THE CITY*
ZEKI KAYIRAN, P.E. - REGISTRATION: RCE, CALIFORNIA C29330 YEARS OF EXPERIENCE: 49

Mr. Zeki Kayiran, P.E., will be the Project Supervisor/Administrator. He will be the responsible representative of AKM to the City. In this capacity, Mr. Kayiran will provide project technical oversight and management direction. He will ensure that adequate and appropriate resources shall remain available to the project for the entire duration. He will participate in the overall schedule and project development process and will be available to contribute in all project-related matters. His responsibilities will include:

- Exploring innovative technical approaches from the beginning of the project.
- Providing technical guidance to the project team throughout the project.
- Collaborate in resolving technical issues.
- Review the work weekly, as it is developed, to ensure its accuracy and timely completion.
- Coordination with City's Project Manager.
- Coordination of the sub-consultants.
- Participation in public presentations and meetings.

Mr. Kayiran has over 49 years of water resources engineering experience including 46 water and recycled water master plans; 37 sewer master plans; 45 wells; 44 water and recycled water pump stations; 65 wastewater pump stations; 20 Stormwater Pump Stations, 16 reservoirs; 25 pressure reducing stations; over 1,000,000 feet of transmission and distribution pipelines; 15 treatment plants, and numerous on-call service contracts. His background has a blend of consulting engineering and academic experience, which includes part-time instruction in fluid mechanics and hydraulic design at California State University, Long Beach; and in water system planning, and well and treatment plant design for UC Irvine's Senior Project Design class.

PROJECT MANAGER – PLANNING & MODELING - *ALTERNATE CONTACT WITH THE CITY*
DIANN PAY, P.E. - REGISTRATION: RCE, CALIFORNIA C60298 YEARS OF EXPERIENCE: 28

Ms. Diann Pay, P.E., an AKM Principal, serves as the Company's Director of Planning. She has served as Project Engineer or Project Manager during the preparation of twenty-nine (29) water master plans and master plan updates, twelve (12) recycled water master plans/updates, and thirty-four (34) sewer master plans and master plan updates. She developed calibrated models for nearly all of these projects, including water quality models for some. She has also been responsible for conducting hydraulic analyses leading to pump selections for wells and pump stations, pressure reducing station valve selections, development of operational procedures for scheduled shutdown of major sources of supply; preparing model user

manuals and training agency staff in model development and use; and conducting special studies as needed by AKM clients. She maintains the hydraulic models for the Cities of San Clemente, Bellflower-Somerset Mutual Water Company, Seal Beach, Ontario, Port Hueneme, El Segundo, and South Montebello Irrigation District.

PROJECT MANAGER – DRAINAGE - *ALTERNATE CONTACT WITH THE CITY*
NADEEM MAJAJ, P.E. - REGISTRATION: RCE, CALIFORNIA C44552 - **YEARS OF EXPERIENCE**: 36

Mr. Nadeem Majaj has over 36 years of extensive experience in flood control/drainage and water resources engineering, innovations and technical instruction. He previously was the Director of Public Works/City Engineer for the Cities of Chino Hills and San Bernardino, and the Assistant Director/Chief Engineer for the County of Orange. His practical experience is extensive across the drainage and flood control spectrum. As he progressed along the ranks (Senior Engineer, Chief of Design, Flood Control Division Manager and Assistant Director) of the County of Orange, he played an integral role in the projects. These projects varied from small storm drains to the over $2 Billion Santa Ana River Mainstem Project, and included upgrades to existing stormwater pump stations as well as new pump stations.

PROJECT ENGINEER - MORGAN YING, P.E., Q.S.D.
REGISTRATION: RCE, CALIFORNIA C29847, SWPPP CALIFORNIA (22686) **YEARS OF EXPERIENCE**: 38

Mr. Morgan Ying, P.E., is a Senior Associate with AKM. He will provide sewer and storm drain design and water quality management plans for the assigned projects. Mr. Ying has over 38 years of responsible experience in the planning, design, and construction of major wastewater, stormwater, and storm drain facilities. He has the requisite knowledge and experience and demonstrated ability for completing challenging work with demanding schedules and budgets. Mr. Ying will serve as a project manager or project engineer to prepare plans and specifications for new, replacement and repair projects, and when required by the project, water quality management plans.

PROJECT MANAGER / PROJECT ENGINEER - JON NITTA, P.E.
REGISTRATION: RCE, CALIFORNIA C69987 - **YEARS OF EXPERIENCE**: 23

Mr. Jon Nitta, P.E. is an expert in developing calibrated models of water, recycled water, and sewer systems, master planning, and conducting special studies with the use of the models. He has served as Lead Engineer or Project Engineer during the preparation of fourteen (14) water master plans and master plan updates, five (5) recycled water master plans/updates, sixteen (16) sewer master plans and master plan updates, and four (4) stormwater master plans and master plan updates. He has conducted hydraulic analyses leading to pump selections for wells and pump selections, developing operational procedures for scheduled shutdown of major sources of supply; and utilizing the models for selecting sampling sites for Initial Distribution System Evaluation (IDSE) in compliance with the Stage 2 Disinfectants/Disinfection Byproducts Rule. He is NASSCO Certified pipeline, manhole, and lateral assessor. He has been responsible for the design of water and sewer pump stations (4 water and 5 wastewater), as well as pipelines.

PROJECT MANAGER / PROJECT ENGINEER - JARED LEE, P.E.
REGISTRATION: RCE, CALIFORNIA C71422 - **YEARS OF EXPERIENCE**: 23

Mr. Jared Lee has over 23 years of water resources engineering experience. He will serve as the Project Manager or Project Engineer for task order assignments, including the preparation of plans, specifications and cost estimates, and providing engineering services during construction. He has completed pump station, well, and pipeline design projects for the Cities of Seal Beach, Fountain Valley, Garden Grove, Huntington Beach, Tustin, Santa Fe Springs, Arcadia, Alhambra, and West Basin Municipal Water District; and water main projects for the Cities of Fountain Valley, Alhambra, and Seal Beach. He will be actively

involved in the day-to-day work effort of the assigned project.

PROJECT MANAGER / PROJECT ENGINEER - DARRIK BAKER, P.E.
REGISTRATION: RCE, CALIFORNIA C87498 **YEARS OF EXPERIENCE**: 9

Mr. Darrik Baker, P.E. a Senior Engineer with AKM, will serve as the Project Manager, Project Engineer or Lead Design Engineer for task order assignments. His experience includes the preparation of plans, specifications, and cost estimates, as well as engineering services during the construction of pipelines (potable water, recycled water, and wastewater), pump stations (potable water, sewer, and stromwater), wells, reservoirs, treatment facilities, and rehabilitation projects. He has been responsible for completion of numerous potable and recycled water pump stations, wells, new reservoirs, reservoir rehabilitation projects, treatment plant projects, and reservoir management studies.

PROJECT ENGINEER - HALY HERRERA, P.E.
REGISTRATION: RCE, CALIFORNIA C92354; NASSCO PACP, MACP, AND LACP CERTIFIED [U-1014-06022537]; D2 WATER DISTRIBUTION SYSTEM OPERATOR (57009) **YEARS OF EXPERIENCE**: 10

Ms. Haly Herrera is a Senior Engineer with AKM Consulting Engineers. She has specialized in the planning of water, recycled/non-domestic water, and wastewater systems. She developed and calibrated the system models, performed hydraulic analyses, and developed recommendations for improvements for the Moulton Niguel Water District, Irvine Ranch Water District, City of Norwalk, Mesa Water District, East Orange County Water District and Montebello Land and Water Company's potable water/recycled water/sewer models. She completed condition assessment and asset management assignments for Irvine Ranch Water District, Moulton Niguel Water District, East Orange County Water District, City of Glendora, and Long Beach Water Department. She conducted condition assessment of Irvine Ranch Water District's wastewater collection system facilities, including the pump stations, prepared likelihood of failure and consequence of failure analyses using Infomaster, and prioritized the repair/rehabilitation/replacement projects. Ms. Herrera has also been involved in the design of wells (3), booster pump station (1), sewer lift station (3), and treatment plants (4).

LEAD ENGINEER - CECILIA VALLE
REGISTRATION: NASSCO PACP, MACP, AND LACP CERTIFIED [U-0321-70401406] **YEARS OF EXPERIENCE**: 4

Ms. Cecilia Valle is a staff engineer for AKM Consulting Engineers. In this capacity, she specializes in planning and design of water, recycled/non-domestic water, and wastewater systems. She is a certified pipeline and manhole assessor by the NASSCO Pipeline Assessment and Certification Program. Ms. Valle's experience includes: Potable water, recycled water and stormwater systems modeling and master planning, potable water and recycled water pump stations, treatment facilities, wells, and reservoirs.

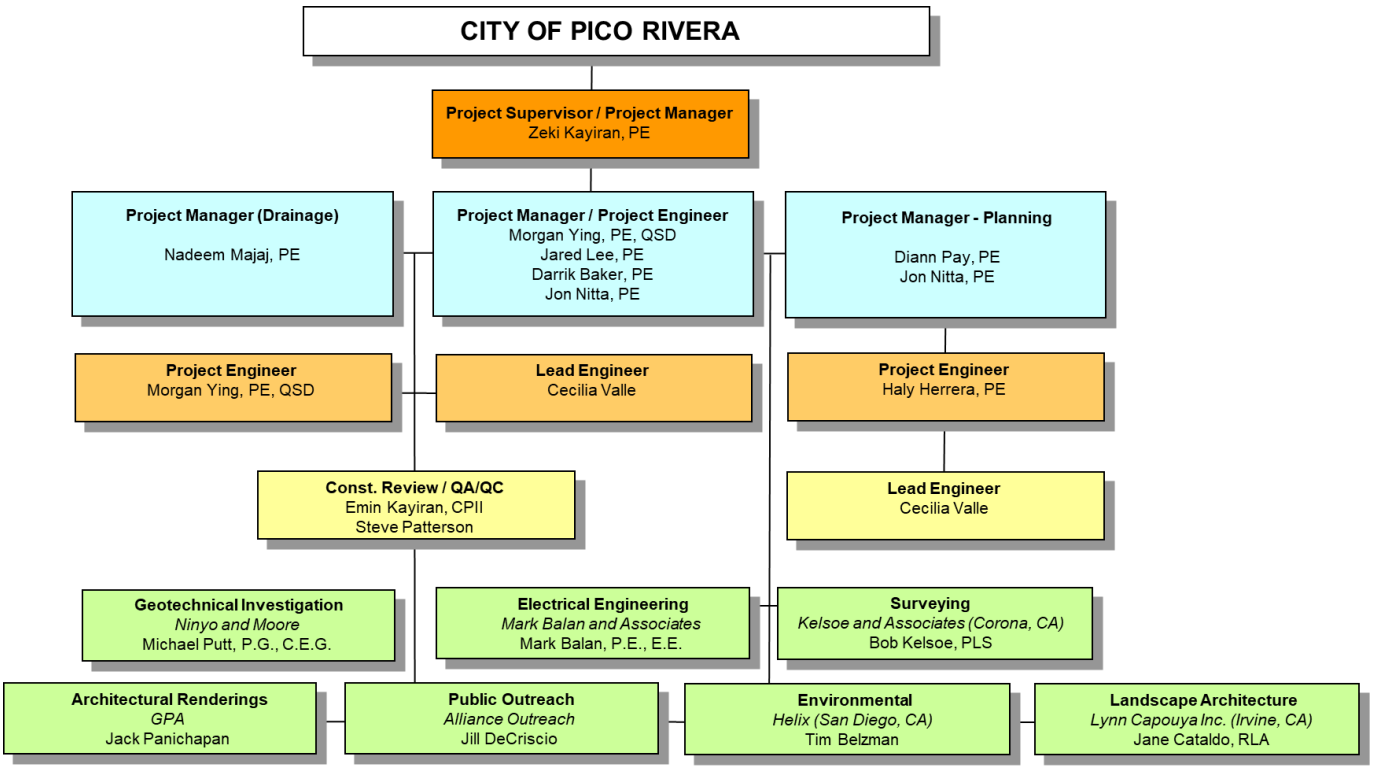
CONSTRUCTABILITY REVIEW / QA/QC - EMIN KAYIRAN, CPII
REGISTRATION: APWA CERTIFIED PUBLIC INFRASTRUCTURE INSPECTOR **YEARS OF EXPERIENCE**: 19

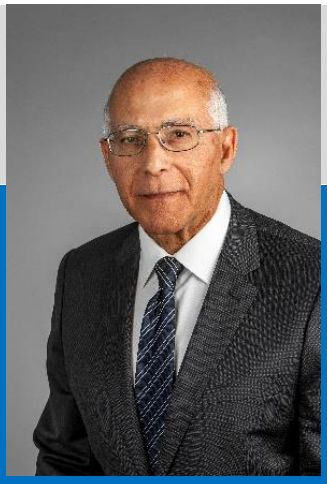
Mr. Emin Kayiran, CPII, a Construction Manager/Senior Resident Engineer with AKM for over 19 years, has a broad background in construction management, inspection, and scheduling. His experience includes management/inspection of treatment facilities; wells; pipelines; pump and lift stations; street improvements reservoirs; concrete structures; protective coatings and linings; electrical, control and SCADA systems; management of hazardous materials removal; shoring systems; dewatering; and ground settlement monitoring. He has provided shop drawing/submittal reviews, claims management, cost control, change order preparation, change order negotiation, startup testing and inspections, warrantee inspections, warrantee work coordination with contractors, utility coordination and constructability review services to municipal and special district agencies. He is trained in schedule and delay analysis and well versed in

Primavera P6. Emin Kayiran recently served as a Subject Matter Expert for the American Public Works Association in support of an overhaul of their public infrastructure inspection training and certification material. During this effort, he co-authored a new training module on the inspection of pumping and treatment facilities for inclusion in the updated manual which was published in 2019. He was recently a co-presenter and speaker for "De-mystifying Risk" an Engineering News Record webinar.

CONSTRUCTABILITY REVIEW / QA/QC - STEVE PATTERSON YEARS OF EXPERIENCE: 40

Mr. Steve Patterson, a Construction Manager/Inspector with AKM since 2008, has over 40 years of recycled water, water, wastewater, and storm water infrastructure construction, operation, maintenance, and design experience. His practical field experience, training and comprehensive utility science background with the ability to thoroughly research complex situations, propose creative solutions, manage and bring projects ahead of schedule and under budget are assets he brings to AKM's team. Mr. Patterson has significant experience managing and inspecting construction with an emphasis on recycled water, water and sewer projects. He has served as the Utilities Operations Supervisor for a municipally owned water/wastewater/recycled water utility. Mr. Patterson has thorough knowledge of, and training in occupational hazards and safety precautions and requirements as they pertain to the construction, operations and repair of public works infrastructure. He will be responsible for constructability review of the design projects, and participate in the QA/QC process by reviewing the contract documents for accuracy, completeness, and consistency.





ZEKI KAYIRAN, P.E.

Project Supervisor / Project Manager

PROFESSIONAL REGISTRATION

Registered Civil Engineer, California (C29330)

YEARS OF EXPERIENCE

49 years (34 with AKM)

EDUCATION

M.S., Civil Engineering – CSU Long Beach
B.S., Civil Engineering – Robert College

CAREER HIGHLIGHTS

Master Plans – Water/Recycled Water (46), Wastewater (37), Drainage (16)

Pump Stations – Water/Recycled Water (44), Wastewater (60)

Pipelines (Over 1,000,000 ft)

Wells (28) and Reservoirs (16)

Pressure Reducing Stations (25)

Expert Witness Services to Public Agency Clients

Treatment Projects (15)

Mr. Kayiran provides comprehensive technical and management expertise in the planning, design and construction management/inspection of water resources engineering projects. His professional background includes a blend of consulting engineering and academic experience, including a part-time instruction in the field of fluid mechanics and hydraulic design at California State University, Long Beach. For the past 18 years, he has been teaching water system planning, groundwater well and treatment facility design as part of the senior project design class at University of California, Irvine. His experience covers planning, design, and construction support, construction management and inspection services for recycled water, potable water, sewer, and storm water projects. His previous experience includes:

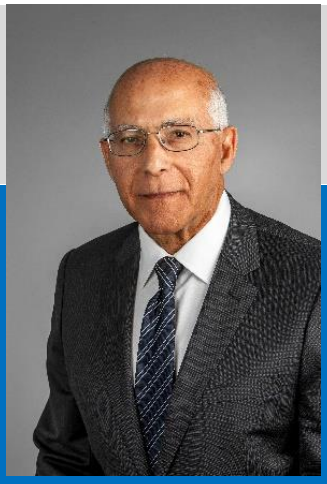
MASTER PLANS

- City of Long Beach (W) – Principal in Charge
- City of Glendora (W)– Principal in Charge
- City of Ontario (W, WW) – Principal in Charge
- City of San Clemente (W, RW) – Project Manager, PIC
- Moulton Niguel Water District (RW) – Project Manager
- Irvine Ranch Water District (RW) – Principal in Charge
- East Orange County Water District (WW) – Principal in Charge
- Garden Grove Sanitary District (WW) – Principal in Charge
- City of Culver City (WW) – Principal in Charge
- City of Seal Beach (WW, Drainage) – Principal in Charge
- Expert Witness City of Long Beach – Principal in Charge (Drainage)
- Stormwater Master Plan and Management System Update for the City of Long Beach – Principal in Charge (Drainage)
- Ranch Cucamonga – Project Manager (Drainage)
- Inglewood – Project Manager (Drainage)

PIPELINES

- Simon Ranch Pipeline for the City of Tustin – Principal in Charge - 4,100 LF of Zone 1 and Zone 3 pipelines, ranging from 8" up to 16" (W)
- Eastern Wells Pipeline for the City of San Juan Capistrano – Principal in Charge - 9,400 LF of 16-inch and 20-inch water transmission pipeline (W)
- Mines Avenue Water Transmission Main Replacement for the South Montebello Irrigation District – Project Manager - 2,300 LF of 12" DIP (W)
- Harbor Area Recycled Water Conveyance Pipeline for West Basin MWD- Principal in Charge – 23,500 LF of 30" DIP (RW)
- Lewis Street to Flynn Drive Diversion Sewer for Camarillo Sanitary – Project Manager (1350 LF 15" diameter gravity sewer, including Caltrans and UPRR permits, new easement) (WW)
- Lift Station No.7 for the City of Alhambra - Principal in Charge (1500 gpm lift station, 3200 LF of 10" forcemain, and 225 LF of 8" – 15" diameter gravity sewer) (WW)
- Lift Station No.2 for the City of Alhambra - Principal – in Charge (3000 gpm capacity lift station, 4000 LF of 12" forcemain, and 1815 LF of 8" – 21" diameter gravity sewer) (WW)

W (Water), RW (Recycled Water), WW (Wastewater)



ZEKI KAYIRAN, P.E.

Project Supervisor / Project Manager

PROFESSIONAL REGISTRATION

Registered Civil Engineer, California (C29330)

YEARS OF EXPERIENCE

49 years (34 with AKM)

EDUCATION

M.S., Civil Engineering – CSU Long Beach
B.S., Civil Engineering – Robert College

CAREER HIGHLIGHTS

Master Plans – Water/Recycled Water (46), Wastewater (37), Drainage (16)

Pump Stations – Water/Recycled Water (44), Wastewater (60)

Pipelines (Over 1,000,000 ft)

Wells (28) and Reservoirs (16)

Pressure Reducing Stations (25)

Expert Witness Services to Public Agency Clients

Treatment Projects (15)

PUMP STATIONS

- Simon Ranch BPS for the City of Tustin – Project Manager (W)
- Upgrades to Lampson Reservoir BPS for the City of Garden Grove – Project Manager (W)
- Linda Vista Pump Station for the City of Anaheim (W) – Principal in Charge
- Reservoir No.1 BPS for the City of Fountain Valley (W) – Project Manager
- Recycled Water Pump Station for the City of Camarillo – Project Manager (RW)
- Torrance Recycled Water Pump Station for West Basin MWD – Project Manager (RW)
- 547 Zone Pump Station for the City of San Clemente – Project Manager (RW)
- Bella Collina Zone Pump Station for the City of San Clemente – PM (RW)
- Lift Station No. 2 for South Coast Water District – Principal in Charge (WW)
- Lift Station 7 for the City of Alhambra – Project Manager (WW)
- Sewer Pump Station No. 3 for Camarillo Sanitary District – Project Manager (WW)
- Cyprus Shore Lift Station Relocation for the City of San Clemente – Project Manager (WW)

WELLS

- Well No.8 for the South Montebello Irrigation District - Project Manager
- Edinger Well for the City of Tustin – Principal in Charge
- Wells Commission 15 and 18 for Long Beach Water Utilities – Project Manager

RESERVOIRS

- Reservoir 1A and 5B Rehabilitation for South Coast WD – Principal in Charge
- R-3 Reservoir for the City of Corona – Principal in Charge
- Reservoir No. 10 and 12 for the City of San Clemente – Principal in Charge

TREATMENT

- PFAS Treatment Plant for South Montebello Irrigation District – Principal in Charge
- PFAS Treatment Plant for Montebello Land & Water Company – PIC
- Prop 50 Wells & Ion Exchange Treatment System for City of Corona – Principal in Charge / QA/QC
- PFAS Treatment Plants at Wells 5A, 8 and 11 for Pico Water District – PM
- Groundwater Recovery Plant Improvements for City of San Juan Capistrano – PIC

DRAINAGE

- Sandalwood Street Stormwater Pump Station Upgrades for the City of Fountain Valley – Principal in Charge
- Stormwater Pump Station Assessment for the City of Long Beach – Principal in Charge
- Myra Avenue In-Line Detention Basin and Stormwater Pump Station No. 2 for the City of Cypress – Project Manager
- Flomar Drain for the City of Whittier – Project Manager
- West End Pump Station for the City of Seal Beach – Project Manager

W (Water), RW (Recycled Water), WW (Wastewater)

DIANN PAY, P.E.

Project Manager – Planning and Modeling

Ms. Pay is the Director of Planning for AKM Consulting Engineers. In this capacity she specializes in planning and design of potable water, recycled water and wastewater systems. She has served as Project Manager, Project Engineer or Lead Engineer during the preparation of twenty-nine (29) water master plans/updates, twelve (12) recycled water master plans/updates, and thirty-four (36) sewer master plans/updates. She is a certified pipeline, manhole, and lateral assessor by the NASSCO Pipeline Assessment and Certification Program.

PROFESSIONAL REGISTRATION

Registered Civil Engineer, California (C60298)
NASCCO PACP, MACP, LACP (U-1003-947)

YEARS OF EXPERIENCE

28 years (28 with AKM)

EDUCATION

M.S. Environmental Water Resources – UC Berkeley

B.S. Civil Engineering – UC Los Angeles

CAREER HIGHLIGHTS

Water Master Plans and Models

Recycled Water Master Plans and Models

Wastewater Master Plans and Models

Hydraulic Modeling and Analysis

Risk Assessments

Feasibility Studies

Condition Assessment

MASTER PLANS/MODEL DEVELOPMENT

- City of Monterey Park (2) – Project Manager (W)
- City of Compton – Project Manager (W)
- City of Tustin – Project Manager (W)
- City of Ontario (2) – Project Manager (W)
- Bellflower Somerset Mutual Water Company – Project Manager (W)
- City of Norwalk – Project Manager (W)
- Moulton Niguel Water District– Project Manager (W)
- Irvine Ranch Water District– Project Manager (RW)
- City of Camarillo– Project Manager (W/RW)
- City of Corona – Project Manager (RW)
- City of San Clemente – Project Manager (W/RW)
- City of San Juan Capistrano – Project Manager (W/RW)
- City of Glendora (2) – Project Manager (W)
- City of Norwalk– Project Manager (WW)
- Garden Grove Sanitation District– Project Manager (WW)
- City of Brea– Project Manager (WW)
- City of Ontario– Project Manager (WW)
- East Orange County Water District– Project Manager (WW)
- City of Culver City– Project Manager (WW)
- City of Seal Beach– Project Manager (WW)
- Irvine Ranch Water District– Project Manager (WW)

FEASIBILITY STUDIES

- Feasibility Study of Water, Recycled Water and Sewer Service to Haynes Generating Station for Long Beach Utilities Department – Project Manager (W, RW, WW)
- Zone 690 Emergency Operational Study for Moulton Niguel WD – Project Manager (W)
- Title 22 System Analysis for West Basin Municipal Water District – Project Manager (RW)
- City of Claremont Sewer Feasibility Studies – Project Manager (WW)
- City of Brea Sewer Feasibility Studies – Project Manager (WW)
- Midway City Sanitary District Sewer Feasibility Studies – Project Manager (WW)
- East Orange County Water District Sewer Feasibility Studies – Project Manager

SEWER SYSTEM MANAGEMENT PLAN AND RELATED EXPERIENCE

- Seal Beach SSMP Audit – Project Manager
- Sewer System Management Plan Update for City of Norwalk – Project Manager
- Garden Grove Sanitary District Spill Emergency Response Plan Update – Project

W (Water), RW (Recycled Water), WW (Wastewater)

DIANN PAY, P.E.

Project Manager – Planning and Modeling

PROFESSIONAL REGISTRATION

Registered Civil Engineer, California (C60298)
NASCCO PACP, MACP, LACP (U-1003-947)

YEARS OF EXPERIENCE

28 years (28 with AKM)

EDUCATION

M.S. Environmental Water Resources – UC Berkeley

B.S. Civil Engineering – UC Los Angeles

CAREER HIGHLIGHTS

Water Master Plans and Models

Recycled Water Master Plans and Models

Wastewater Master Plans and Models

Hydraulic Modeling and Analysis

Risk Assessments

Feasibility Studies

Condition Assessment

Manager
- Seal Beach Spill Emergency Response Plan Update – Project Manager
- Midway City Sanitary District Spill Emergency Response Plan Update– Project Manager
- Cypress Spill Emergency Response Plan Update – Project Manager
- East Orange County Water District Spill Emergency Response Plan Update – Project Manager
- East Orange County Water District SSMP Audit – Project Manager
- Cypress Sewer System Management Plan Update and Audit – Project Manager
- Brea Sewer Master Plan Update and Sewer System Management Plan Audit – Project Manager
- Camarillo Sanitary District Sewer System Management Plan and Audit – Project Manager
- Fountain Valley Sewer System Management Plan

PUMP STATIONS (Hydraulic Analysis)

- Simon Ranch BPS and Pipeline for the City of Tustin – Project Engineer (W)
- Blanco and Reeves BPS for the City of San Clemente– Project Engineer (W)
- Calle Real BPS for the City of San Clemente – Project Manager (W)
- Beverly Manor BPS for the City of Seal Beach – Project Engineer (W)
- Ontario BPS for the City of Corona – Project Engineer (W)
- Recycled Water PS for the City of Camarillo – Project Engineer (RW)
- 574 Zone PS for the City of San Clemente – Project Engineer (RW)
- Bella Collina Golf Course Recycled Water Pump Station for the City of San Clemente (RW)
- Torrance Recycled Water Booster Pump Station for West Basin Municipal Water District – Project Engineer (RW)

WELLS (Hydraulic Analysis)

- Well No. 7 for the South Montebello Irrigation District– Project Engineer
- Well 14 and 15 for Montebello Land and Water Company– Project Engineer
- Lampson Avenue Well for the City of Seal Beach– Project Engineer
- Edinger Well for the City of Tustin– Project Engineer
- Well 15 for the City of Manhattan Beach – Project Engineer
- Well No.8 for South Montebello Irrigation District – Project Manager

PIPELINES

- Harbor/South Bay Water Recycling System Project Lateral 6B PDR for the West Basin Municipal Water District/US Army Corps of Engineers– Project Engineer (RW)
- Dye House Lateral PDR for West Basin Municipal Water District – Project Engineer (RW)
- Victoria Lateral for West Basin Municipal Water District – Project Engineer (RW)
- Recycled Water System Expansion for the City of San Clemente (RW)

W (Water), RW (Recycled Water), WW (Wastewater)

NADEEM MAJAJ, P.E.

Project Manager / Engineer - Drainage

PROFESSIONAL REGISTRATION

Registered Civil Engineer, California (C44552)

YEARS OF EXPERIENCE

36 Years (4 with AKM)

EDUCATION

M.S. Civil Engineering – CSU Long Beach

B.S. Civil Engineering – Cal State Polytechnic University Pomona

CAREER HIGHLIGHTS

Part Time Professor – Hydraulic Engineering courses at Cal Poly Pomona; CSU Long Beach; UC Irvine

Taught several hydraulics refresher classes to the ASCE Hydrology/Hydraulics technical group and County of Orange Engineers

Taught HEC-2 class to County of Orange

Taught bridge-scour classes using HECRAS to County of Orange

Developed Basin Analysis Software (BAS) – Nationally recognized as a prime tool to analyze side weirs and offline retarding systems

Mr. Nadeem Majaj has over 36 years of extensive experience in flood control/drainage and water resources engineering, innovations and technical instruction. He previously was the Director of Public Works/City Engineer for the Cities of Chino Hills and San Bernardino, and the Assistant Director/Chief Engineer for the County of Orange. His practical experience is extensive across the drainage and flood control spectrum. As he progressed along the ranks (Senior Engineer, Chief of Design, Flood Control Division Manager and Assistant Director) of the County of Orange, he played an integral role in the projects. These projects varied from small storm drains to the over $2 Billion Santa Ana River Mainstem Project, and included upgrades to existing stormwater pump stations as well as new pump stations. Specific project examples include:

- ***Channel Inspection, Condition Assessment, and Repair (5 Channels) for the City of Garden Grove – Project Manager***
- ***Lift Station No. 2 Drainage for South Coast Water District – Project Manager***
- ***Haster Retarding Basin & Stormwater Pump Station for Orange County FCD – Assistant Chief Engineer***
- ***Los Alamitos Stormwater Pump Station for Orange County FCD – Assistant Chief Engineer***
- ***Harbor–Edinger Stormwater Pump Station Upgrades for Orange County FCD – Project Manager***
- ***Belmont Shore and West Long Beach Local Base Flood Elevation Study FEMA Zone A for the City of Long Beach*** – Project Manager responsible for the hydrologic studies and hydraulic analyses for determining the Base Flood Elevations in a 442 acre area in west Long Beach, which is currently in FEMA Zone A. Because the area is behind the Dominguez Channel levee, and the levee is not certified, the City will use the study results in issuing minimum pad elevations for new development and re-development projects. When the levee is certified, a Letter of Map Revision will be submitted to FEMA.
- ***Talbert Valley Channel System Master Plan (Huntington Beach) –*** Project Engineer responsible for the hydraulic analysis and development of alternatives for ultimate improvement of the system. Within this effort, he also developed an unconventional retarding system, which consisted of a linear retarding basin (3-miles long, along the main channel), This concept was presented at several conferences and workshops including ASCE's (50th Anniversary) National Conference on Hydraulic Engineering in Colorado Springs and ASCE's Engineering Workshop on Peak Reduction at California State University, Long Beach.
- ***East Plan Richfield Channel*** **–** This project is an OCFCD channel segment, between the Santa Ana River and Orangethorpe Ave, in Anaheim, just west of Imperial Highway. Its length is 1,700 feet and includes two road crossings and a railroad crossing. Nadeem completed the hydrology/hydraulic analyses of the existing channel and developed an ultimate design. He also prepared the PS&E, then administered the project through construction.
- ***Galivan Retarding Basin and Oso Creek Channel*** **–** This was a $27 million OCFCD project that is located between the I-5 Freeway and Cabot Road, just north of Crown Valley Parkway. It included the analyses and design of one of the most complicated and largest channel/basin projects in the County. This project included the design of a 70-feet wide vertical-walled reinforced concrete channel with a side-weir, a railroad bridge, and a 17-acre retarding basin. Finally, Nadeem oversaw the preparation of the PS&E's and continued to administer the project through construction. .
- ***Assistant Director/Chief Engineer, OCPW -*** The primary component of this executive assignment was fulfilling the Board of Supervisor's mission of providing essential public works services and facilities to the citizens of the County of Orange (County). I was responsible for providing effective leadership for six public works divisions with over 450 personnel and an annual budget of over $400 million. These divisions were: Roads (and Transportation), Operations & Maintenance, Project Management (incl. Utilities and Regulatory Permits), County Surveyor, Construction and Flood Control. One of my leadership responsibilities was the California State Association of Counties' (CSAC) Flood Control Policy committee. Finally, the above mentioned responsibilities and activities cannot be successfully fulfilled without effective and inclusive leadership over the disparate functions and specialties. The public works department of this County is a well-respected and recognized local leader by the citizens and municipalities of the County.

MORGAN YING, P.E., Q.S.D.

Project Manager / Engineer

PROFESSIONAL REGISTRATION

Registered Civil Engineer, California (C0389983)
Qualified SWPPP – QSD California (22686)

YEARS OF EXPERIENCE

38 years (28 with AKM)

EDUCATION

M.S. Civil Engineering – CSU Long Beach

B.S. Hydraulic Engineering – Tamkang University, Taiwan

CAREER HIGHLIGHTS

PDR's, Alignment Studies, Plan Preparation, Specifications, Estimates, Construction Mangement / Inspection, Construction Support

SWPPP's

Design and Rehabilitation – Wastewater Pipelines

Condition Assessment – Stormwater Pump Stations, Storm Drains, and Gravity Sewers and Manholes

Hydrology / Hydraulic Studies

Mr. Ying has over 35 years of experience in the design and construction management of wastewater and storm water conveyance facilities. Mr. Ying oversees the planning, design and construction support services of the firm's sewer and drainage projects. He has worked successfully with the local and regional wastewater agencies in Los Angeles, San Bernardino and Orange Counties.

- Preliminary Design Reports, Alignment Studies, Plan Preparation, Specifications, Estimate, Construction Management and Inspection, and Construction Support
- SWPPP's
- Design and Rehabilitation Services for Wastewater Pipelines
- Performed Condition Assessment of Stormwater Pump Stations, Storm Drains and Gravity Sewers and Manholes
- Hydrology Studies
- Hydraulic Studies
- Alternative Mitigation Projects

MASTER PLAN OF DRAINAGE

- Supplemental Stormwater Master Plan and Management System for the City of Long Beach (Project Engineer/PE)
- City of Seal Beach (PE)
- City of Cypress (PE)
- City of Palmdale (PE)
- City of Inglewood (PE)
- Hermosa Beach (PE)
- Orange County Public Works – Bolsa Chica Channel Supplemental Project Report

STORMDRAIN / STORMWATER PROJECTS

- Design Services for Lift Station No. 2 Replacement Project for South Coast Water District – Project Engineer
- City Capital Flood and FEMA 100-Year Storm Runoff Analysis and Proposed Base Flood Elevation (BFE) of the City of Long Beach – Project Engineer
- Seal Way Storm Drain for the City of Seal Beach – Project Engineer
- College Park East Ironwood, Guava and Elder Avenue Drainage Systems Focused Study for the City of Seal Beach – Project Engineer
- Marina Drive Drainage System Focused Study for the City of Seal Beach – Project Engineer
- FEMA 100-Year Storm Runoff Analysis and Proposed Base Flood Elevation (BFE) of the City of Long Beach – Project Engineer
- San Timoteo Foothill Neighborhood of the City of Moreno Valley – Project Engineer
- Orange County Flood Control District (OCFCD) Channel Repair Program for the U.S. Army Corps of Engineers – Project Engineer
- San Timoteo Foothill Neighborhood of the City of Moreno Valley – Project Engineer
- City of Long Beach - Stormwater Pump Station Assessments (PE)
- Orange County Public Works Department - Haster Basin and Pump Station (PE)
- City of Cypress - Myra Stormwater Pump Station's No. 1, No. 2, and No. 3 PDR (PE)
- City of Seal Beach - West End Pump Station PDR (PE)

MORGAN YING, P.E., Q.S.D.

Project Manager / Engineer

PROFESSIONAL REGISTRATION

Registered Civil Engineer, California (C0389983)
Qualified SWPPP – QSD California (22686)

YEARS OF EXPERIENCE

38 years (28 with AKM)

EDUCATION

M.S. Civil Engineering – CSU Long Beach

B.S. Hydraulic Engineering – Tamkang University, Taiwan

CAREER HIGHLIGHTS

PDR's, Alignment Studies, Plan Preparation, Specifications, Estimates, Construction Mangement / Inspection, Construction Support

SWPPP's

Design and Rehabilitation – Wastewater Pipelines

Condition Assessment – Stormwater Pump Stations, Storm Drains, and Gravity Sewers and Manholes

Hydrology / Hydraulic Studies

WASTEWATER PROJECTS

- Lewis Street to Flynn Drive Diversion Sewer for Camarillo Sanitary – Project Engineer (1350 LF 15" diameter gravity sewer, including Caltrans and UPRR permits, new easement)
- Dawson Drive to Metrolink Station Diversion Sewer for Camarillo Sanitary District – Project Engineer (400 LF 18" diameter gravity sewer bypassing existing crossing of UPRR, including permits and new easement).
- Sewer System CCTV Inspection, Condition Assessment, and Design of Replacement and Rehabilitation Projects at Various Locations for the City of Redondo Beach – Design Project Engineer (Cured-in-place lining, and manhole repairs and replacements)
- Relocation of Joint Outfall "H" Trunk Sewer for County Sanitation Districts of Los Angeles County - Design Engineer (5500 LF of 42"-30" gravity sewer)
- Joint Outfall "E" Unit 6 Trunk Sewer for County Sanitation Districts of Los Angeles County - Design Engineer (28,000 LF of 60"-27" gravity sewer)
- Lincoln Avenue Sewer and Cypress Street Sewer Rehabilitation Project for the City of Cypress – Project Engineer (2,810 LF 8"-21" diameter gravity sewer, 620 LF of 8" CIPP)
- Various Sewer Improvements at 24 Locations, Area North of Orange Avenue for the City of Cypress – Project Engineer (5,410 feet of 8-inch, 10-inch and 12-inch diameter gravity sewers)
- Kimball Interceptor Sewer for Inland Empire Utilities Agency - Design Engineer (20,000 LF of 60"-54" PVC lined gravity sewer)
- Goldenwest Street Trunk Replacement and Heil Avenue Interceptor Sewer for Orange County Sanitation District - Design Engineer (10,000 feet of 39"-30" gravity sewer)
- 6th Street Alley Sewer and Water Improvement Project for the City of Seal Beach – Project Engineer (1,225 feet of 8-inch diameter sewer and watermain within a narrow alley)
- 17 Sewer Improvements for the City of Cypress – Project Engineer (10,800 feet of 8-inch to 12-inch diameter sewer construction and lining)
- Myra Avenue Sewer Improvement Project for the City of Cypress – Project Engineer (9,440 feet of 18-inch to 8-inch diameter sewer)
- Sewer Improvements on Walker Street at Ball Road for the City of Cypress – Project Engineer 395 feet of 8-inch diameter sewer)
- Sewer Replacement and Rehabilitation Projects at Various Locations for the City of Cypress – Project Engineer (7,112 LF of lining and replacement)
- Heil Avenue and Harbor Boulevard Sewer Improvement for the City of Fountain Valley and the Garden Grove Sanitary District – Project Engineer (3,200 LF of 10"-15" sewer)
- Grove Boulevard Sewer from Hoover Street to East of Beach Boulevard for the City of Stanton – Project Engineer (2,225 LF of 15" and 12" sewer including 24" jack and bore)
- Candleberry Avenue Sewer Improvement for the City of Seal Beach – Project Engineer (450 LF of 15" and 205 LF of 8" sewerline)

JON NITTA, P.E.

Project Manager / Engineer

PROFESSIONAL REGISTRATION

Registered Civil Engineer, California (C69987)
NASCCO PACP, MACP, LACP (U-1106-4046)

YEARS OF EXPERIENCE

23 years (23 with AKM)

EDUCATION

B.S. Civil Engineering – UC Los Angeles

CAREER HIGHLIGHTS

Water Master Plans and Models

Recycled Water Master Plans and Models

Wastewater Master Plans and Models

Hydraulic Modeling and Analysis

Risk Assessments

Feasibility Studies

Condition Assessment

Jon Nitta, P.E. is an expert in developing calibrated models of water, recycled water, sewer, and storm water systems, master planning, and conducting special studies with the use of the models. He has served as Lead Engineer or Project Engineer during the preparation of water master plans and master plan updates, recycled water master plans/updates, sewer master plans and master plan updates, and sewer system management plans. He has served as a design engineer and project engineer for pump station, treatment, and pipeline design projects, as well as feasibility studies.

MASTER PLANS

- Long Beach Water Department – Project Engineer (W)
- Bellflower Somerset Mutual Water Company – Project Engineer (W)
- City of Ontario – Project Engineer (W)
- City of Buena Park – Project Engineer (W)
- City of Camarillo – Project Engineer (W)
- Moulton Niguel Water District – Lead Engineer (RW)
- Irvine Ranch Water District – Project Engineer (RW)
- City of Corona – Lead Engineer (RW)
- West Basin Municipal Water District – Project Engineer (RW)
- City of San Clemente – Project Engineer (RW)
- City of Brea – Project Engineer (WW)
- East Orange County WD – Project Engineer (WW)
- City of Seal Beach – Project Engineer (WW)
- Irvine Ranch Water District – Project Engineer (WW)
- Sewer System Planning for the Garden Grove Sanitary District – Project Engineer (1,300,000 feet of system) (WW)

PUMP STATIONS

- Pico Pump Station Evaluation and Upgrade for the City of San Clemente – Design Engineer (W)
- Phase 3 Microfiltration Clearwell Temporary Bypass Pump Station for West Basin Municipal Water District – Design Engineer (RW)
- Backwash Microfiltration System Pump Station Evaluation for Water Replenishment District of South California – Project Engineer (W)
- Beverly Manor Pump Station for the City of Seal Beach – Staff Engineer (W)
- Simon Ranch Booster Pump Station for City of Tustin – Design Engineer (W)
- East and West Sewer Pump Stations for AES North America LLC – Design Engineer (WW)
- Pump Stations No. 2 and No. 3 for City of Camarillo – Design Engineer (WW)
- Pump Station No.1 for the City of El Segundo – Design Engineer (WW)

PIPELINES

- Mines Avenue Water Transmission Main Replacement for the South Montebello Irrigation District – Design Engineer - 2,300 LF of 12-inch ductile iron pipeline. (Water/W)
- Sycamore Street Watermain Replacement for South Montebello Irrigation District–

JON NITTA, P.E.

Project Manager / Engineer

PROFESSIONAL REGISTRATION

Registered Civil Engineer, California (C69987)
NASCCO PACP, MACP, LACP (U-1106-4046)

YEARS OF EXPERIENCE

23 years (23 with AKM)

EDUCATION

B.S. Civil Engineering – UC Los Angeles

CAREER HIGHLIGHTS

Water Master Plans and Models

Recycled Water Master Plans and Models

Wastewater Master Plans and Models

Hydraulic Modeling and Analysis

Risk Assessments

Feasibility Studies

Condition Assessment

Design Engineer (W)

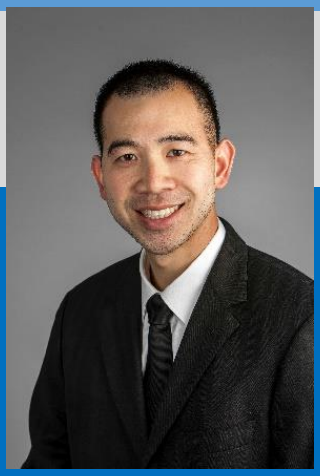
- Palos Verdes Lateral Feasibility Study for West Basin Municipal Water District – Design Engineer (RW)
- Harbor Area Recycled Water Conveyance Pipeline for West Basin Municipal Water District/Los Angeles Department of Water and Power – Design Engineer - 23,000 feet of 30-inch Ductile Iron pipe, including the crossing of Dominguez Channel at the 213the Street Bridge, 405 Freeway crossing (RW)
- Harbor South Bay Recycling Project, Lateral 10 for West Basin Municipal Water District and the US Army Corps of Engineers – Los Angeles District –Design Engineer - new recycled water pipelines (RW)
- Recycled Water System Expansion for the City of San Clemente – Design Engineer - 35,000 feet of 6-inch to 20-inch diameter transmission and distribution system piping, and one pressure regulating station, two pump stations, one 0.2 mg forebay reservoir, and conversion of a 2.0 mg reservoir from potable to recycled water service for increasing recycled water (RW)
- Lewis Street to Flynn Drive Diversion Sewer for Camarillo Sanitary – Design Engineer (1350 LF 15" diameter gravity sewer, including Caltrans and UPRR permits, new easement) (WW)
- Dawson Drive to Metrolink Station Diversion Sewer for Camarillo Sanitary District – Design Engineer (400 LF 18" diameter gravity sewer bypassing existing crossing of UPRR, including permits and new easement). (WW)
- Sewer Design Revision 1 Project for AES North America – Project Engineer (Evaluation of gravity system modifications and forcemain) (WW)
- Sewer Replacement and Rehabilitation Projects at Various Locations for the City of Cypress – Project Engineer (1,600 LF of CIPP lining) (WW)

TREATMENT

- Secondary Microfiltration System Pump Operation Evaluation for the Water Replenishment District – Project Engineer
- Evaluation of Conversion of Existing VOC Treatment (GAC) to PFAS Treatment for the City of Whittier – Project Engineer
- Rehabilitation of Phase III Microfiltration Clearwell for West Basin Municipal Water District – Lead Engineer

DRAINAGE

- Zone A Base Flood Elevation for the City of Long Beach – Lead Engineer
- Seal Way Storm Drain for the City of Seal Beach – Lead Engineer
- College Park East Ironwood, Guava and Elder Avenue Drainage Systems Focused Study for the City of Seal Beach – Lead Engineer
- Marina Drive System Focused Study for the City of Seal Beach – Lead Engineer
- Stormwater Master Plan and Management System Update for the City of Long Beach – Lead Engineer
- Stormwater Pump Station Assessment for the City of Long Beach – Staff Engineer
- Myra Avenue In-line Detention Basin and Storm Water Pump Station No. 3 for the City of Cypress – Staff Engineer



JARED LEE, P.E.

Project Manager / Engineer

PROFESSIONAL REGISTRATION

Registered Civil Engineer, California (C71422)

YEARS OF EXPERIENCE

23 years (23 with AKM)

EDUCATION

B.S. Mechanical Engineering – UC Los Angeles

CAREER HIGHLIGHTS

Pump Stations – Water/Recycled Water (10), Wastewater (12)

Pipelines – Water, Recycled Water, Wastewater

Wells (8)

On-Site Chlorine Generation Stations (7)

Dig Alert Technician

Stormwater Pump Station and Post Performance Reports (6)

SCADA System Improvements

PDR's, Alignment Studies, Plan Preparation, Specifications, Cost Estimates, Const. Support

Jared. Lee is a Senior Engineer with AKM Consulting Engineers. His experience encompasses a range of water resources projects and assignments related to detailed design of pump stations, wells, and pipelines.

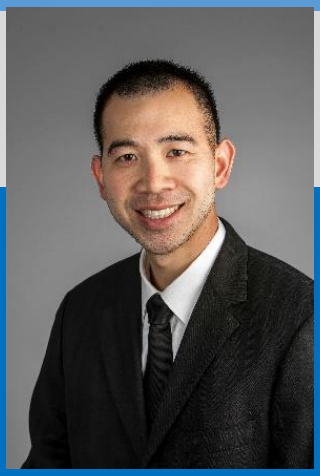
PIPELINES

- Water Standards for City of Seal Beach – Project Engineer (W)
- Alameda Corridor Grade Separation Waterline Relocation for Montebello Land and Water Company – Project Engineer – 4600 LF of 8" and 12" Pipeline (W)
- Ellis Avenue Watermain Replacement for the City of Fountain Valley – Project Engineer - 12-inch CML&C steel pipe over the channel, obtaining an encroachment permit with OC Public Works, and installing multiple isolation valves (W)
- Paseo de Valencia, 24-Inch Watermain, Railroad Crossing Abandonment for Moulton Niguel WD – Project Engineer - Watermain underneath railroad tracks (W)
- Chevron Make-Up Water Supply Plan for West Basin Municipal Water District – Project Engineer - 8-inch water service to an existing reservoir (W)
- 920 Zone Loop for Moulton Niguel Water District – Project Engineer - 205 LF of 8-inch watermain with 8-inch PVC C900 DR 14 pipe (RW)
- Highlands Pump Station Pressure Relief for Moulton Niguel Water District – Project Engineer - 4-inch CML&C steel watermain (RW)
- Harbor Area Recycled Water Conveyance Pipeline for the West Basin Municipal Water District and the Los Angeles Department of Water and Power – Design Engineer (RW)
- Green Acres Reclaimed Water Line Expansion Project for the City of Huntington Beach – Design Engineer (RW)
- Sewer Standards for the City of Seal Beach – Project Engineer (WW)
- Sewer Lining Project for Moulton Niguel Water District – Project Engineer (WW)
- Camino Real Sewer Replacement Project for Redondo Beach – Project Engineer - 725 LF of 8-inch VCP gravity sewer pipe (WW)
- Linda Vista Drive, National Park, and Other Miscellaneous Sewer Lining Projects for Moulton Niguel Water District – Project Engineer: National Park (Lining) – 264 ft; Linda Vista (Lining) – 1652 ft; Paseo de Esquela (Lining) – 193 ft; Paseo de Colinas (Lining) – 219 ft; Rocking Horse (Lining) – 364 ft; Benecia (Lining) – 238 ft (WW)
- Rocky Point and Paseo Del Mar Forcemains for the City of Palos Verdes Estates – Project Engineer - 4,000 LF of 6-inch Ductile Iron sewage forcemain and 1,000 LF of 8-inch SDR 26 gravity sewer pipe (WW)
- Lampson Avenue Well Water Transmission Main and Gravity Sewer for the City of Seal Beach – Project Engineer - 3,500 LF of 16-inch and 12-inch Ductile Iron pipe in Lampson Avenue and 1,100 LF of 8-inch PVC sewer pipe (WW)
- Warner Avenue Gravity Sewer and Lift Station "C" for the City of Huntington Beach – Project Engineer - 1200 gpm lift station, 800 feet of 12-inch forcemain with a bridge crossing, 3,000 feet of gravity sewer line along with manholes and sewer connections (WW)

PUMP STATIONS

- Beverly Manor BPS for the City of Seal Beach – Design Engineer (W)
- Reservoir No. 1 BPS for City of Fountain Valley – Design Engineer (W)

W (Water), RW (Recycled Water), WW (Wastewater)



JARED LEE, P.E.

Project Manager / Engineer

PROFESSIONAL REGISTRATION

Registered Civil Engineer, California (C71422)

YEARS OF EXPERIENCE

23 years (23 with AKM)

EDUCATION

B.S. Mechanical Engineering – UC Los Angeles

CAREER HIGHLIGHTS

Pump Stations – Water/Recycled Water (10), Wastewater (12)

Pipelines – Water, Recycled Water, Wastewater

Wells (8)

On-Site Chlorine Generation Stations (7)

Dig Alert Technician

Stormwater Pump Station and Post Performance Reports (6)

SCADA System Improvements

PDR's, Alignment Studies, Plan Preparation, Specifications, Cost Estimates, Const. Support

- Linda Vista Pump Station for the City of Anaheim (W) – Design Engineer
- Camino Real BPS for the City of Arcadia – Design Engineer (W)
- Orange Grove BPS for the City of Arcadia – Design Engineer (W)
- Navy Booster Pump Station for the City of Seal Beach – Design Engineer (W)
- Torrance Recycled Water Booster Pump Station for West Basin Municipal Water District – Design Engineer (RW)
- Recycled Water Pump Station for the City of Camarillo – Design Engineer (RW)
- Lift Station No. 2 for South Coast Water District – Lead Design Engineer (WW)
- Pump Station No. 2 for the City of Alhambra – Project Engineer (WW)
- Pump Station No.7 for the City of Alhambra – Project Engineer (WW)
- Pump Station No.3 for the City of Alhambra – Design Engineer (WW)
- Ward Street Pump Station for the City of Fountain Valley – Project Engineer (WW)
- 8th Street Sewage Pump Station for the City of Seal Beach – Design Engineer (WW)
- Warner Avenue Lift Station "C" - City of Huntington Beach– Project Engineer (WW)
- Belgrave Pump Station - Garden Grove Sanitary District– Project Engineer (WW)
- Pump Station No. 1 and No. 7 - City of El Segundo – Project Engineer (WW)
- Rocky Point and Paseo del Mar Sewage Lift Stations - City of Palos Verdes Estates – Project Engineer (WW)
- Tiffany Sewer Pump Station - Garden Grove Sanitary District – Project Engineer (WW)
- Partridge Sewer Pump Station for Garden Grove SD– Project Engineer (WW)
- Pump Station No.6 & No. 2 for Camarillo Sanitary District – Design Engineer (WW)

WELLS

- Beneta Well 2 for the City of Tustin – Project Engineer
- Well 15 for Montebello Land and Water Company – Project Engineer
- Well No.8 for the South Montebello Irrigation District – Design Engineer
- Edinger Well for the City of Tustin – Design Engineer
- Dace Well for Golden State Water Company – Project Engineer
- Well 12 for City of Santa Fe Springs – Project Engineer
- Well 9 for the City of Fountain Valley – Project Engineer
- Lampson Avenue Well for the City of Seal Beach – Project Engineer
- Pasadena Avenue Well for the City of Seal Beach – Design Engineer
- Wells Alamitos 9A and 14 for Long Beach Water Utilities – Project Engineer
- Wells Commission 15 and 18 for Long Beach Water Utilities – Design Engineer

DRAINAGE

- Seal Beach Pump Station Sump Pump Discharge Pipe Replacement Project for OC Public Works – Project Engineer
- Sandalwood Street Stormwater Pump Station Upgrades for the City of Fountain Valley – Design Engineer
- Haster Basin and Pump Station Post-Performance Reports for the Orange County Resources Development and Management Department – Staff Engineer
- Myra Pump Station No. 3 for the City of Cypress –Project Engineer
- City Yard Drainage, Sewer Diversion Project for the City of Redondo Beach – Project Engineer

W (Water), RW (Recycled Water), WW (Wastewater)

DARRIK BAKER, P.E.

Project Manager / Engineer

PROFESSIONAL REGISTRATION

Registered Civil Engineer, California (C87498)

YEARS OF EXPERIENCE

9 years (9 with AKM)

EDUCATION

M.S. Environmental Engineering – UC Irvine

B.S. Environmental Engineering – UC Irvine

CAREER HIGHLIGHTS

Preliminary Design Reports, Alignment Studies, Plan Preparation, Specifcations, Cost Estimates, Construction Support

Water Pump Stations, Pipelines (water, recycled water, wastewater), Wells, Water Treatment Systems, Reservoirs

Project coordination and interfacing with subconsultants

Shop drawing and submittal reviews, RFI/RFC responses

Drone operator/pilot

Mr. Baker is a Senior Engineer with AKM Consulting Engineers. His previous experience encompasses a range of water resources projects including preparation of plans, specifications and cost estimates, and providing engineering services during construction. Illustrative of Mr. Baker's experience includes:

PIPELINES

- Recycled Waterline Relocation for the City of Industry/Rowland Water District – Project Engineer (RW) 36"
- Upgrades to MWD South Coast Feeder Waterline Connection (CB-54) for Bellflower-Somerset Mutual Water Company – Project Engineer (W)
- Simon Ranch Pipeline for the City of Tustin – Principal in Charge - 4,100 LF of Zone 1 and Zone 3 pipelines, ranging from 8" up to 16" (W)
- Well Collection Pipeline for Montebello Land and Water Company - 2700-LF of 14-inch and 700 LF of 18" DIP (W)
- Native Avenue and Dusk Street Replacement for Rowland Water District – Project Engineer (W) 1800 LF 8" and 400 LF 4"
- Porsche Experience Center Lateral for West Basin Municipal Water District – Design Engineer (RW) 4" pipeline
- Ultimate Future 3 System Recycled Waterline for Rowland Water District – Project Engineer (RW) 89—LF PVC recycled waterline
- South Gardena Recycled Water Pipeline for West Basin Municipal Water District – Project Engineer (RW) 3500LF of 8" pipeline
- AES Sewer Design Revision 1 project for Alamitos Energy, LLC – Design Engineer (WW)
- Butterfield Forcemain Relocation at Pine Avenue and Chino Creek for the City of Chino Hills – Associate Engineer (WW)

PUMP STATIONS

- Bluff Road Booster Pump Station for South Montebello Irrigation District – Project Engineer (W)
- Cuatro Booster Pump Station for Rowland Water District – Project Engineer (W)
- 1348 Zone Booster Pump Station 3 and 4 Condition Assessment for the City of Ontario – Project Engineer (W)
- Calle Real Pump Station for the City of San Clemente – Project Engineer (W)
- Linda Vista Pump Station for City of Anaheim – Design Engineer (W)
- Tomich Booster Pump Station for Rowland Water District – Project Engineer (W)
- Hidden Canyon Pump Station Improvements – Design Engineer (W)
- Simon Ranch Booster Pump Station for City of Tustin – Project Engineer (W)
- Reeves BPS for the City of San Clemente – Design Engineer (W)
- Reata BPS for the City of San Clemente – Design Engineer (W)
- Blanco BPS for the City of San Clemente – Design Engineer (W)
- Modifications of Pump Station No. 1 and No. 7 for the City of El Segundo – Design Engineer (WW)
- Lift Station No. 2 for South Coast Water District – Principal in Charge (WW)

WELLS

- Leahy Avenue Well for Bellflower Somerset MWC – Design Engineer

W (Water), RW (Recycled Water), WW (Wastewater)

DARRIK BAKER, P.E.

Project Manager / Engineer

PROFESSIONAL REGISTRATION

Registered Civil Engineer, California (C87498)

YEARS OF EXPERIENCE

9 years (9 with AKM)

EDUCATION

M.S. Environmental Engineering – UC Irvine

B.S. Environmental Engineering – UC Irvine

CAREER HIGHLIGHTS

Preliminary Design Reports, Alignment Studies, Plan Preparation, Specifcations, Cost Estimates, Construction Support

Water Pump Stations, Pipelines (water, recycled water, wastewater), Wells, Water Treatment Systems, Reservoirs

Project coordination and interfacing with subconsultants

Shop drawing and submittal reviews, RFI/RFC responses

Drone operator/pilot

- Well 1 Rehabilitation for Rowland Water District – Design Engineer
- Equipping of Wells 32 and 33 for the City of Corona – Design Engineer
- Equipping of Well 8 for South Montebello Irrigation District – Project Engineer

RESERVOIRS

- Reservoirs 1A, 2B, 2C, and 5B Rehabilitation Project for South Coast Water District – Design Engineer
- Weir Canyon Reservoir Mixing Study for the City of Anaheim – Design Engineer
- Reservoir No. 5A and 14 Chemical Improvements for the City of San Clemente – Design Engineer
- Reservoir No. 10 and 12 Rehabilitation for City of San Clemente – Design Engineer
- Rehabilitation of Chevron and Torrance Nitrified Water Reservoirs for West Basin MWD – Project Engineer
- North Glendora Reservoir for the City of Glendora – Project Engineer
- Tract 51153 Reservoir for Rowland Water District – Design Engineer
- Chevron Nitrified Treatment Plant Nitrified Product Water Storage Tank Rehabilitation Project for West Basin Municipal Water District – Project Engineer
- Torrance Refinery Water Recycling Plant Nitrified Product Water Storage Tank Rehabilitation Project for West Basin Municipal Water District – Project Engineer

TREATMENT

- Ion Exchange Treatment of PFAS at Wells 5A, 8, and 11 for Pico Water District – Project Engineer
- Prop 50 Ion Exchange Treatment for the City of Corona – Design Engineer
- Central Ion Exchange Treatment of PFAS for Montebello Land and Water Company – Project Engineer
- PFAS Treatment of Wells 3, 5, and 8 for South Montebello Irrigation District- Project Engineer
- Solids Handling Facility Condition Assessment, Pilot Study, and Alternatives evaluation at Edward C. Little Water Recycling Facility for West Basin MWD – Project Engineer
- Resin Treatment of PFAS at Wells 903 and 833 for Bellflower Somerset Mutual Water Company – Project Engineer
- Well Water Filtration Plant Chemical Storage Building for the City of San Clemente – Project Engineer
- Reservoir No. 8 RCS Chemical Storage and SCADA Building for Rowland Water District – Associate Engineer

STORMWATER/STORMDRAIN

- Jurupa Road Grade Separation Storm Drain Pump Station Project for the City of Jurupa Valley – Associate Engineer
- Improvements to Storm Drain Pump Stations SD-05, SD-09, SD-10, SD-11, SD-17, and SD-21 for the City of Long Beach – Associate Engineer
- Torrance Circle Diversion and Infiltration Project for the City of Redondo Beach – Associate Engineer
- City Parking Structure Drainage Rehabilitation for the City of Chino Hills – Associate Engineer

HALY HERRERA, P.E.

Project Engineer / Lead Engineer

Haly Herrera has been responsible for the development of calibrated hydraulic models for water, recycled water, and sewer master plans, conducting analyses, formulating improvement recommendations, performing condition assessment of vertical and horizontal assets, as well as pipeline, pump station, and reservoir design projects. Ms. Herrera was responsible risk analysis for Long Beach Water Department, City of Glendora, and Bellflower Somerset Mutual Water Company horizontal assets, utilizing artificial intelligence and machine learning technologies. She is a certified pipeline, manhole, and lateral assessor by the NASSCO Pipeline Assessment and Certification Program.

PROFESSIONAL REGISTRATION

Registered Civil Engineer, California (C92354)
NASCCO PACP, MACP, LACP (U-1014-06022537); D2 Water Distribution System Operator 57009

YEARS OF EXPERIENCE

10 years (10 with AKM)

EDUCATION

B.S. Environmental Engineering – UC Irvine

CAREER HIGHLIGHTS

Water Master Plans and Models

Recycled Water Master Plans and Models

Wastewater Master Plans and Models

Hydraulic Modeling and Analysis

Risk Assessments

Feasibility Studies

Condition Assessment

WATER MASTER PLANS/UPDATES

- Montebello Land and Water Company – Lead Engineer
- City of Tustin – Lead Engineer
- City of Glendora – Lead Engineer
- City of Monterey Park – Lead Engineer
- East Orange County Water District – Lead Engineer
- Long Beach Water Department – Staff Engineer
- Bellflower Somerset Mutual Water Company – Lead Engineer
- City of Buena Park – Lead Engineer
- City of Camarillo – Staff Engineer
- Mesa Water District – Staff Engineer
- City of Norwalk – Staff Engineer
- Montebello Land and Water Company – Staff Engineer

RECYCLED WATER MASTER PLANS/UPDATES

- Moulton Niguel Water District – Staff Engineer
- Optimization Study for Moulton Niguel Water District – Staff Engineer
- Irvine Ranch Water District – Staff Engineer
- San Clemente – Project Engineer
- City of Camarillo – Staff Engineer

WATER / RECYCLED WATER STUDIES

- Wholesale Modeling Study for East Orange County Water District – Lead Engineer
- Direct Potable Reuse Analysis for Moulton Nigual Water Disrict – Lead Engineer
- Palos Verdes Lateral for West Basin Municipal Water District – Lead Engineer
- Title 22 System Analysis with Additional Flows to Carson Regional Water Recycling Facility for West Basin Municipal Water District – Lead Engineer
- Water, Recycled Water, and Sewer Service to Haynes Generating Station Feasibility Study for Long Beach Water Department – Lead Engineer
- Arantine Hills Water System Study for City of Corona – Lead Engineer

WATER / RECYCLED WATER RISK ASSESSMENTS

- Long Beach Water Department (W) – Lead Engineer
- City of Glendora (W) – Lead Engineer
- Bellflower Somerset Mutual Water Company (W) – Lead Engineer
- Irvine Ranch Water District (WW) – Staff Engineer

W (Water), RW (Recycled Water), WW (Wastewater)

HALY HERRERA, P.E.

Project Engineer / Lead Engineer

PROFESSIONAL REGISTRATION

Registered Civil Engineer, California (C92354)
NASSCO PACP, MACP, LACP (U-1014-06022537); D2 Water Distribution System Operator 57009

YEARS OF EXPERIENCE

10 years (10 with AKM)

EDUCATION

B.S. Environmental Engineering – UC Irvine

CAREER HIGHLIGHTS

Water Master Plans and Models

Recycled Water Master Plans and Models

Wastewater Master Plans and Models

Hydraulic Modeling and Analysis

Risk Assessments

Feasibility Studies

Condition Assessment

OTHER ENGINEERING DESIGN PROJECTS

- Well 8 for South Montebello Irrigation District – Design Engineer
- Well 15 for Montebello Land and Water Company – Design Engineer
- Wells Alamitos 9A and 14 for Long Beach Water Department – Design Engineer
- Bluff Road Pump Station for South Montebello Irrigation District – Design Engineer
- IX Treatment of PFAS for South Montebello Irrigation District – Design Engineer
- IX Treatment of PFAS for Montebello Land and Water Company – Design Engineer
- Prop 50 IX Treatment of Nitrates and Perchlorates for the City of Corona – Staff Engineer
- IX Treatment of PFAS at Wells 5A, 8, and 11 for Pico WD – Design Engineer

SEWER MASTER PLANS/ MODEL DEVELOPMENTS

- City of Ontario – Lead Engineer
- East Orange County Water District – Lead Engineer
- Ontario Regional Connection Study – Lead Engineer
- City of Brea – Lead Engineer
- City of Culver City – Lead Engineer
- City of Seal Beach – Staff Engineer
- Irvine Ranch Water District – Lead Engineer
- City of Claremont – Staff Engineer
- City of El Segundo – Staff Engineer

SEWER CONDITION ASSESSMENTS

- Garden Grove Sanitary District – Lead Engineer (300,000 feet of CCTV inspections, replacement and rehabilitation improvement program)
- Redondo Beach – Lead Engineer (replacement and rehabilitation improvement program, 150 sewer reaches action drawings, CCTV inspections)

SEWER LIFT STATION ANALYSES

- South Coast Water District Lift Station #2 – Design Engineer
- AES Alamitos Energy – Gravity Sewer and Lift Station Design – Design Engineer
- Irvine Ranch Water District – Sewer Collection System Master Plan Lift Station Assessments – Staff Engineer

SEWER SYSTEM MANAGEMENT PLANS

- Garden Grove Sanitary District – Staff Engineer
- City of Seal Beach – Staff Engineer
- City of Cypress – Staff Engineer

RISK ASSESSMENTS

- East Orange County Water District – Staff Engineer
- Garden Grove Sanitary District – Staff Engineer
- Irvine Ranch Water District – Staff Engineer

VERTICAL ASSET REGISTER AND ASSESSMENTS

- Moulton Niguel Water District – Staff Engineer

CECILIA VALLE

Lead Engineer

PROFESSIONAL REGISTRATION

NASCCO PACP, MACP, LACP (U-0321-70401406)

YEARS OF EXPERIENCE

4 years (2 with AKM)

EDUCATION

B.S. Environmental Engineering – UC Irvine

CAREER HIGHLIGHTS

Water Master Plans and Models

Recycled Water Master Plans and Models

Wastewater Master Plans and Models

Hydraulic Modeling and Analysis

Risk Assessments

Feasibility Studies

Condition Assessment

Ms. Valle is an associate engineer for AKM Consulting Engineers. In this capacity she specializes in planning and design of water, recycled/non-domestic water, and wastewater systems. She is a certified pipeline and manhole assessor by the NASSCO Pipeline Assessment and Certification Program. Ms. Valle's experience includes: Potable water, recycled water, and wastewater systems modeling and master planning, potable water and recycled water pump stations, wastewater pump stations, treatment facilities, wells, and reservoirs. Ms. Valle's previous experience encompasses a wide range of water resource projects:

WATER AND RECYCLED WATER MASTER PLANNING/MODEL UPDATES

- Rowland Water District Standard Drawings – Staff Engineer
- City of Tustin – Staff Engineer
- City of Tustin – Condition Assessment – Staff Engineer
- Rowland Water District – Staff Engineer
- City of Compton – Staff Engineer
- City of Ontario – Staff Engineer
- Montebello Land and Water Company – Staff Engineer
- City of Seal Beach – Standard Update – Staff Engineer
- Montebello Land and Water Company – Water Loss Audit - Staff Engineer
- City of Glendora – Water Rate Study – Staff Engineer
- City of Glendora – Water Master Plan – Staff Engineer
- City of Glendora – Condition Assessment – Staff Engineer
- Moulton Niguel Water District – Staff Engineer
- City of Monterey Park – Staff Engineer
- South Coast Water District – Condition Assessment – Staff Engineer
- Montebello Land and Water Company – Water Loss Audit – Staff Engineer

RECYCLED WATER MASTER PLANNING

- On-Site Recycled Water Service Retrofits for Rowland Water District – Staff Engineer
- Recycled Water Master Plan for Rowland Water District – Staff Engineer

WELLS

- Equipping of Leahy Well for the Bellflower Somerset Mutual Water Company –Staff Engineer
- Construction of Water Wells Alamitos 9A and 14 for the Long Beach Water Department – Staff Engineer
- Rehabilitation of Wells Commission 15 and 18 for the Long Beach Water Department – Staff Engineer
- Drilling and Equipping of Well 15 for the Montebello Land and Water Company – Staff Engineer

CECILIA VALLE

Lead Engineer

PROFESSIONAL REGISTRATION

NASCCO PACP, MACP, LACP (U-0321-70401406)

YEARS OF EXPERIENCE

4 years (2 with AKM)

EDUCATION

B.S. Environmental Engineering – UC Irvine

CAREER HIGHLIGHTS

Water Master Plans and Models

Recycled Water Master Plans and Models

Wastewater Master Plans and Models

Hydraulic Modeling and Analysis

Risk Assessments

Feasibility Studies

Condition Assessment

TREATMENT

- Hydraulic Analysis PFAS Facility for the City of Tustin – Staff Engineer
- Well Water Filtration Plant Chemical Storage Building for the City of San Clemente – Staff Engineer

RECENT SEWER MASTER PLANS/ MODEL DEVELOPMENTS

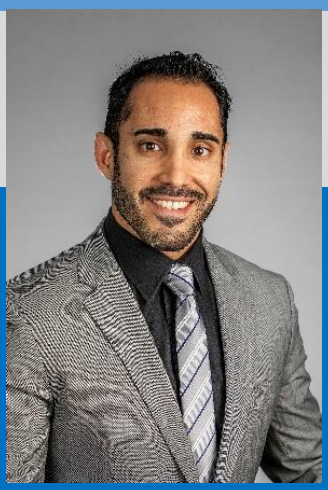
- Sewer System Rehabilitation Phase 2 for Garden Grove Sanitary District - Staff Engineer
- Sewer Master Plan for the City of Brea – Staff Engineer
- Sewer O-074 Study for the City of Ontario – Staff Engineer
- Developer Funded Sewer Studies for the City of Brea – Staff Engineer
- Downtown G-K Block Sewer Analysis for the City of Ontario – Staff Engineer

RECENT WASTEWATER PUMP STATIONS

- Pump Station 35 Upgrades for the City of Seal Beach – Staff Engineer
- Lift Station No. 2 for South Coast Water District – Staff Engineer
- Alta Vista Park Pump Station for the City of Redondo Beach – Staff Engineer
- Lift Station No. 7 for the City of Alhambra – Staff Engineer
- Pump Station No. 3 Odor Control for the City of Camarillo – Staff Engineer
- Pump Station No. 5 Odor Control for the South Coast Water District – Staff Engineer

ADDITIONAL PROJECTS

- Chino Hills Storm Drain Master Plan
- Myra Pump Station Preliminary Design Report for the City of Cypress



EMIN KAYIRAN, CPII

Constructability Review / Qa/Qc

PROFESSIONAL REGISTRATION

APWA – Certified Public Infrastructure Inspector

YEARS OF EXPERIENCE

19 years (19 with AKM)

EDUCATION

Civil Engineering Studies – CSU Long Beach

B.S. Business Administration – University of Arizona

CAREER HIGHLIGHTS

Subject Matter Expert for the American Public Works Association

Co-Author of a new training module on the inspection of pumping and treatment facilities – Published in 2019

Authored "CPII as a standard of practice" – Published September 2014

Co-presenter and speaker for "De-mystifying Risk" and ENR webinar

Mr. Emin Kayiran, CPII, is the Director of Construction Management Services with AKM. He has over 19 years of responsible experience in the inspection and construction management of pump stations; pipelines, treatment facilities; forcemains; complex reinforced concrete structures including concrete tanks within treatment facilities, sumps, wet wells and valve vaults; sheet piling; deep excavations; ground remediation; dewatering; shut-downs; tie-ins; commissioning and testing; installation of emergency power generators and transfer switches; electrical and control systems for water resource facilities; as well as special protective linings and coatings. Mr. Kayiran also possesses a wealth of experience in managing, coordinating and overseeing materials testing and special inspection during the construction of water resources facilities. Several of the Mr. Kayiran's completed projects involved close coordination amongst the project owner, their operations staff, outside stakeholders and the Contractor in order to achieve varying project objectives within constrained project sites and scheduling timeframes.

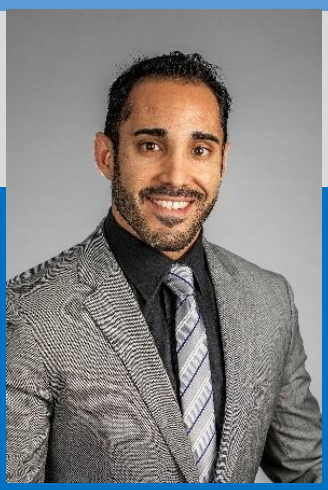
Additionally, Mr. Kayiran has provided claims management, cost control, change order preparation, change order negotiation, warrantee inspections, schedule review and analysis, warrantee work coordination with contractors and constructability review services to special districts and municipal agencies. He is trained in schedule and delay analysis including Primavera P6.

PUMP STATIONS

- Title 22 Converted Filters Booster Pump Station at Edward C. Little Water Recycling Facility for West Basin Municipal Water District – Project Manager (W)
- Equipping of Well 31 and Lampson Reservoir Booster Station Improvements for the City of Garden Grove – Construction Manager and Resident Engineer (Water)
- Inspection Services for the Citywide Recycled Water Facilities Project "A" for the City of Corona – Deputy Resident Engineer (W)
- Navy Booster Pump Station for City of Seal Beach – Construction Manager (W)
- WRF-3 Sewer Lift Station for the City of Corona – Project Manager (WW)
- Elimination of Sewer Pump Station 7 and Improvements to Sewer Pump Station 1 for the City of El Segundo – Project Manager and Construction Manager (WW)
- Alhambra Lift Station 7 for the City of Alhambra – Project Manager (WW)
- Laguna SOCWA Wet Well and Lift Station Rehabilitation – Project Manager (WW)
- Lift Station No. 3 Replacement Project for the City of Alhambra – Inspection Supervisor (WW)
- Rocky Point and Paseo del Mar Sewer Pump Stations for City of Palos Verdes Estates – Inspection Supervisor (WW)
- Tiffany Sewage Pump Station for the Garden Grove Sanitation District – Construction Manager/Resident Inspector (WW)

PIPELINES

- Los Angeles Stadium and Entertainment District at Hollywood Park Reclaimed Water Plans Phase I for West Basin Municipal Water District – Project Manager (W) 13,500 LF 8-12"
- Cathodic Protection Improvements for West Basin Municipal Water District – Project Manager (W)
- Northrop Grumman Recycled Water Lateral for West Basin Municipal Water



EMIN KAYIRAN, CPII

Constructability Review / Qa/Qc

PROFESSIONAL REGISTRATION

APWA – Certified Public Infrastructure Inspector

YEARS OF EXPERIENCE

19 years (19 with AKM)

EDUCATION

Civil Engineering Studies – CSU Long Beach

B.S. Business Administration – University of Arizona

CAREER HIGHLIGHTS

Subject Matter Expert for the American Public Works Association

Co-Author of a new training module on the inspection of pumping and treatment facilities – Published in 2019

Authored "CPII as a standard of practice" – Published September 2014

Co-presenter and speaker for "De-mystifying Risk" and ENR webinar

District – Construction Manager/Project Manager (RW) 6" pipeline

- Joint Transmission Main for South Coast Water District – Project Manager (W)
- Watermain Improvements at Center, Walnut, and Maple for the City of El Segundp – Project Manager/Construction Manager (W) 3,500 LF 10" DIP, 85- LF of 8" DIP
- Butterfield Chino Creek 10 inch Forcemain Relocation Project for the City of Chino Hills – Construction Manager (WW)
- AES Sewer Design Rev.1 for Alamitos Energy, LLC – Construction Manager (WW)
- Forcemain Improvements for the Paseo Del Mar and Rocky Point Sewer Pump Stations – Construction Manager (WW)
- Chevron Forcemain for the City of El Segundo – Construction Manager (WW)

WELLS

- Leahy Well for Bellflower Somerset Mutual Water Company – Project Manager
- Equipping of Well 43 for Ontario Municipal Utilities Company – Project Manager
- Rehabilitation of Water Wells Wilson 1A and Citizens 9 for Long Beach WD – Project Manager
- Alamitos Seawater Barrier Improvement for Orange County WD – Construction Manager/Inspector
- Well 12 for the City of Santa Fe Springs – Project Manager
- Dace Well 2 for Golden State Water Company – Inspection Supervisor

RESERVOIRS

- Microfiltration Steel Break (Filtrate) Tank Replacement at the Carson Reclamation Facility for West Basin Municipal Water District – Project Manager
- LVL Calcium Chloride Tank Replacement Project for Water Replenishment District– Project Manager
- Structural Improvements and Recoating of Colima Reservoirs No. 2 and No. 3 for the Orchard Dale Water District – Project Manager and Inspection Supervisor
- Jameson Reservoir for the City of Corona - Inspector

TREATMENT

- Cypress Water Production Facility for the City of Lomita – Project Manager
- PFAS Treatment System for Wells 5A, 8, and 11 for Pico Water District – Project Manager
- Equipping of Well 16 and Treatment Plan for the City of Paramount – Project Manager / Construction Manager
- Edward C. Little Water Recycling Facility Clean-in-Place Waste Discharge Pipe for West Basin Municipal Water District – Project Manager / Construction Manager

STORMDRAIN/STREET IMPROVEMENTS

- Long Beach Municipal Stormwater Treatment Facility (LB-MUST) for the City of Long Beach – Project Manager
- Myra Stormwater PS No. 3 for the City of Cypress - Construction Manager
- Maple Avenue Street and Storm Drain Improvements for the City of El Segundo – Project Manager
- Imperial Highway for the City of El Segundo – Construction Manager
- Fire Station #1 Seismic Retrofit Project for the City of El Segundo – Project Manager

W (Water), RW (Recycled Water), WW (Wastewater)

STEVE PATTERSON

Constructability Review / Qa/Qc

YEARS OF EXPERIENCE

40 years (15 with AKM)

Certifications / Affiliations

AWWA Cross Connection Control Specialist

NPDES Storm Water Quality Training for Construction Site Activities

California Department of Public Health Water Treatment Operator

California Department of Public Health Water Distribution Operator

Orange County Health Department Backflow Device Tester

Cla-Val, Engineering, Maintenance and Design

California Rural Water Distribution System Maintenance and Design

OSHA HAZWOPER

NIMS 700

CJPIA

Management Academy

Haestad Methods

Water System Design and Hydraulic Modeling

First Aide & CPR

Mr. Patterson is a Construction Manager with AKM Consulting Engineers, and has over 40 years experience in the Water/Wastewater Utilities field, during which time water distribution system design, construction, operations, maintenance, and repair, of water and wastewater infrastructure have been the emphasis of his career. He has numerous certifications, training and knowledge pertaining to the safe and reliable construction, operation and maintenance of water and wastewater infrastructure. Mr. Patterson served for 18 years with a municipally owned water and wastewater utilities department as an Operations Supervisor, responsible for the supervision and operations of a comprehensive repair, inspection and monitoring program. Mr. Patterson has participated in the design, construction, inspection, implementation and management of numerous operational, rehabilitation, and capital improvement projects. Examples of these projects are as follows:

PIPELINES

- Watermain Improvements at Mariposa Avenue for the City of El Segundo - Field Engineer (W)
- Northrop Grumman Lateral for West Basin MWD – CM/Inspector (RW)
- Butterfield Chino Creek 10 inch Forcemain Relocation for the City of Chino Hills – CM/Resident Engineer (W)
- Well 9 Discharge Pipe for City of Fountain Valley - Construction Inspector (Water)
- Watermain at Center, Walnut, and Maple for the City of El Segundo – CM
- Watermain Improvements at Virginia, Oak, and Bayonne for the City of El Segundo – Senior Inspector
- Watermain and Street Improvements at Center Street and Pine Avenue for the City of El Segundo – Senior Inspector
- Rocky Point and Paseo del Mar Sewer Forcemains for City of Palos Verdes Estates – Construction Inspector (WW)
- Myra Avenue Storm Drain, Sewer and Street Improvements #2 for the City of Cypress – Construction Inspector (WW)
- Sewer Rehab. at Various Locations for City of Cypress – Construction Inspector
- Sewer Spot Repairs for the City of Alhambra – Construction Manager/Inspector
- Sewer System Repair, Relining, and Replacement Project for City of El Segundo (EPA FUNDED) – Construction Manager/Inspector

PUMP STATIONS

- Torrance Recycled Water Booster Station for West Basin Municipal Water District – Provided Engineering Support and Inspection (RW)
- Navy Booster Station Upgrade for the City of Seal Beach – Inspector (W)
- Schlegel Booster Pump Station Replacement for the City of San Clemente – Provide Utility Management and Field Engineering (W)
- Palizada and Calle Agua Booster Pump Stations Replacement for the City of San Clemente – Provide Utility Management and Field Engineering (W)
- WRF-3 Sewer Lift Station for the City of Corona – Construction Manager (WW)
- Lift Station No. 7 for the City of Alhambra – Construction Manager (WW)
- Del Avion Wastewater Wet Well Rehabilitation for Moulton Niguel Water District - Construction Manager and Resident Engineer (WW)

STEVE PATTERSON

Constructability Review / Qa/Qc

YEARS OF EXPERIENCE

40 years (15 with AKM)

Certifications / Affiliations

AWWA Cross Connection Control Specialist

NPDES Storm Water Quality Training for Construction Site Activities

California Department of Public Health Water Treatment Operator

California Department of Public Health Water Distribution Operator

Orange County Health Department Backflow Device Tester

Cla-Val, Engineering, Maintenance and Design

California Rural Water Distribution System Maintenance and Design

OSHA HAZWOPER

NIMS 700

CJPIA

Management Academy

Haestad Methods

Water System Design and Hydraulic Modeling

First Aide & CPR

- Elimination of Sewer Pump Station 7 and Improvements to Sewer Pump Station 1 for the City of El Segundo – Construction Inspector (WW)
- Paseo Del Mar and Rocky Point Sewer Pump Stations for the City of Palos Verdes Estates – Construction Manager and Resident Inspector (WW)
- Partridge Lift Station and Thunderbird Sewer for Garden Grove SD – Lead inspector
- Tiffany Pump Station for the Garden Grove Sanitary District – Resident Engineer
- Sewer Lift Station No 3 Project for the City of Alhambra – Construction Manager

WELLS

- Dace Well No. 2 for Golden State Water Company – Field Engineer
- Well 12 for the City of Santa Fe Springs - CM/Inspector
- Equipping of Well 31 Improvements for the City of Garden Grove –Inspector

RESERVOIRS

- Structural Improvements and Recoating of Colima Reservoirs No. 2 and No. 3 for the Orchard Dale Water District – Construction Manager and Resident Engineer
- Steel Tank Inspection for the City of Corona - Inspection
- El Levante 1.3 MG Pre-Stressed Concrete Reservoir for the City of San Clemente – Provide Utility Management and Inspection Services
- Reservoir No 8 Improvements for the City of San Clemente - Utility management / project supervision

TREATMENT

- LB MUST Treatment Facility for the City of Long Beach – Project Manager
- Microfiltration Steel Break (Filtrate) Tank Replacement for West Basin MWD – Project Manager
- LVL Calcium Chloride Tank Replacement for WRD– Construction Manager/Inspector
- Imperial Headgates and Weir Pond for Orange County WD - Resident Engineer
- ECL Water Recycling CIP Waste Discharge for West Basin MWD – Chief Field Engineer
- R.O. Train 5 Low Fouling Membrane Test Equipment for West Basin Municipal Water District – Construction Inspector

SEWER PUMP STATION ASSESSMENT

- City of Brea – Sewer Lift Station Assessment (3)
- Camarillo Sanitary District – Sewer Pump Station Assessment (4)
- City of Seal Beach – Sewer Pump Station Assessment (7)
- City of Culver City – Sewer Lift Station Assessment (4)
- Irvine Ranch Water District – Sewer Lift Station Assessment (11)
- City of Norwalk – Sewer Lift Station Assessment (3)
- City of Redondo Beach – Sewer Lift Station Assessment (16)

STORMDRAIN

- Long Beach Municipal Stormwater Treatment Facility (LB-MUST) for the City of Long Beach – Construction Manager
- Imperial Headgates and Weir Pond Project for Orange County Water District – Construction Manager/Lead Inspector
- Myra Avenue Storm Drain, Sewer and Street Improvements #2 for the City of Cypress – Construction Resident Engineer

SUBCONSULTANTS

AKM Consulting Engineers provides an in-house multi-disciplinary staff of professionals who are recognized specialists in their areas of expertise. The staff members have superb technical training and academic backgrounds. Furthermore, they regularly attend technical seminars to keep abreast of the professional developments in their fields. We have included seven (7) subconsultants in our project team to comprehensively address all the potential needs of the identified projects, and deliver technically superior work products: Ninyo and Moore (geotechnical investigation), Kelsoe and Associates (surveying), Helix Environmental (environmental consulting), Mark Balan and Associates (electrical engineering), Alliance Outreach (Public Outreach), GPA (architectural renderings), and LCI (landscape architecture). Resumes including a list of related projects completed by the key staff are included at the end of this section. Key staff members will be available throughout the duration of the Professional Services Agreement and no person shall be removed or replaced without prior written concurrence of the City.

Geotechnical Investigation - Ninyo and Moore – 475 Goddard Suite 200, Irvine, CA 92618
Contact: Michael Putt, P.G., C.E.G. (949) 753-7070 x12321

Mr. Ninyo & Moore, was incorporated in 1986 to provide high-quality consulting services in geotechnical engineering, construction inspection and testing, engineering geology, hydrogeology, hazardous waste remediation and environmental assessment. Ninyo & Moore has been involved in projects encompassing most aspects of geotechnical engineering, including pipelines, dams, channels, storm drains, soundwalls, roads, highways, reservoirs, pump stations, treatment plants, sewers, landfills, and other public and private works. As a Principal Geologist for Ninyo & Moore, Michael Putt, P.G., C.E.G., with over 30 years of experience in providing geotechnical services, will direct and supervise the geotechnical investigations.

References:
City of Los Angeles – Patrick Schmidt (213) 847-0535
City of Pasadena – Tiffany Chen (626) 744-4191
Riverside County – Hector Davila (951) 955-6880

Surveying - Kelsoe and Associates – 8754 Kendra Lane, Corona, CA 92880
Contact: Bob Kelsoe, P.L.S. (951) 736-0755

Surveying work be completed by Kelsoe and Associates under the direction of Mr. Robert Kelsoe, PLS. Mr. Kelsoe has more than 25 years of experience in the land surveying profession. He is a licensed land surveyor in the State of California and Nevada and is in responsible charge of the firm's land surveying activities. He will be responsible for performing control surveys and supplemental detailed surveys to define the property, topography, and site facilities, and develop the base sheets for use in design. Mr. Kelsoe will be responsible for providing all the required surveying data, including details of existing facilities, and ground topographic mapping.

References:
City of Corona – Willard Weisman (951) 739-4912
City of San Dimas – Krishna Patel (909) 394-6245
City of Walnut – Dominic Milano (909) 594-9702

Environmental Consulting - Helix Environmental -7578 El Cajon Blvd., La Mesa, CA 91942
Contact: Tim Belzman (619) 462-1515

HELIX Environmental Planning, Inc. (HELIX) is a full-service environmental planning firm with over 25 years of experience. Primary disciplines provided by HELIX include California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) compliance; biology, cultural, acoustical, visual, air quality, greenhouse gas (GHG) emissions, community and agriculture studies; regulatory permitting;

and native habitat restoration design, construction, and maintenance. These services have included environmental compliance services on over 200 water and sewer infrastructure projects (e.g., water storage/reservoirs, treatment plants, pump stations, pipelines, groundwater extraction/replenishment, and other project types). Helix Environmental has served as an AKM sub-consultant for the past eight (8) years. Environmental services will be under the direction of Tim Belzman.

References:
SANDAG – Tim Pesce (619) 699-5371
City of San Diego Planning Department – Rebecca Malone (619) 446-5371
City of Chula Vista – Dai Hoang (619) 585-5694

Electrical Consulting - Mark Balan and Associates – 19871 Yorba Linda Drive #105, Yorba Linda, CA 92886 - Contact: Mark Balan, P.E., E.E. (714) 970-2000 x405

Mr. Mark Balan & Associates is a consulting engineering firm established since 1980, specializing in the Electrical, Instrumentation, Control Systems and Mechanical Engineering fields. The services provided by Mark Balan & Associates include feasibility study evaluation and design of electrical, instrumentation, energy management, Central Plants, Water and Wastewater Treatment and Handling Facilities, Cogeneration Systems, Airports, SCADA systems and heating, ventilating and air conditioning systems, plumbing and fire protection systems. In addition, they provide assistance during construction and in the final testing and start-up phase of the project. They have designed electrical, instrumentation, control and supervisory control systems for over 200 pump stations for various agencies throughout California.

References:
West Valley Water District – Rosa Gutierrez (909)875-1322 x327
City of Anaheim – Clarence Choe (714) 765-4555
CR&R Environmental – Mike Silva (714) 883-3777

Community Outreach - Alliance Outreach – 1411 N. Batavia Street, Orange, CA 92867 Contact: Jill DeCriscio (714) 855-1771

Alliance Outreach LLC, is a full service public outreach and community relations firm specializing in building support for and minimizing opposition to large public works projects. Alliance Outreach has a track record of success ensuring that high profile and often controversial public works projects are completed on time and without organized community opposition. Before, during and after construction, Alliance Outreach delivers an up-to-date flow of information and conflict management to clients and the community to ensure a successful outcome for each project.
References:
Metropolitan Water District – Lizeth Martinez (213) 217-5776
Crescenta Valley Water District – Christy Colby (818) 236-4110
City of Corona – Vernon Weisman (Currently at the South Coast Water District) (949) 499-4555

Architectural Renderings - Gillis + Panichapan Architects – 2900 Bristol Street Suite G205, Costa Mesa, CA 92626 - Contact: Jack Panichapan (714) 668-4260

Gillis + Panichapan Architects, Inc., founded in 1989 by Donald Gillis as Gillis and Associates Architects, Inc., is a is a full-service Architectural and Interior Design firm specializing in municipal and public works agencies throughout California. The firm's success is based on ability to produce quality work while meeting client's needs in terms of timeline and budget. Gillis + Panichapan has supervised the design and construction of numerous Facilities in Southern California and has an extensive knowledge of Building Codes and State Regulations.

References:
WRD – Charlene King (562) 275-4252
City of San Gabriel – Patricia Pena (626) 308-2825
Santa Clarita Valley Water Agency – Gary Martin (661) 297-1600

Landscape Architecture - Lynn Capouya, Inc. – 17992 Mitchell Street Suit 110, Irvine, CA 92614
Contact: Jane Cataldo, RLA (949) 756-0150

Lynn Capouya, Inc. (LCI), founded in 1979, is a privately owned, full service Landscape Architectural firm that qualifies as a Small Business Enterprise (SBE) and Woman Owned Business Enterprise (WBE), as defined by the City of Los Angeles, and as a SBE with the Metropolitan Water District. The firm's expertise includes landscape architecture for the use of trees, shrubs and ground cover over and around utility lines. The firm provides custom services to include the understanding of soil conditions, irrigation systems, erosion control, planting and pruning techniques. LCI has the ability to access overall serviceability and compatibility with field conditions to recognize and correct any potentially detrimental details and to propose alternative, cost effective methods to resolve complex landscape issues. LCI's experience in the design of large and small projects includes landscape architectural services, as a complement to slope protection, master planning and the development of guidelines and standards

References:
City of Long Beach – Anna Mendiola (562) 570-3165
County of Los Angeles – Louis Romeo (626) 300-3221
City of Norwalk – Estuardo Santillan (562) 210-2013

MICHAEL PUTT, P.G., C.E.G.

Geotechnical Engineering

COMPANY

Ninyo and Moore

YEARS OF EXPERIENCE

Over 30 years

PROFESSIONAL REGISTRATION

PG California 7581

CEG California 2341

Radiological Safety and Gauge Use Certification

EDUCATION

B.S. Geology – CSU Fullerton

Applied Rock Slope Engineering Short Course – Association of Engineering Geologists, CA

HIGHLIGHTS

Experience in highways, bridges, bore and jack tunneled undercrossings, hillside and flat land mass grading projects, pipelines

Geologic and geotechnical field evaluations

Mr. Putt is a Principal Geologist with Ninyo & Moore and has extensive experience in providing engineering geology consultation in Southern California. Mr. Putt performs project administration and management, prepares and reviews geologic and geotechnical reports and provides third party review services for geotechnical reports. He conducts geologic and geotechnical field evaluations, including detailed logging of large- and small-diameter borings and trenches, and geologic evaluation/mapping. Projects have included fault hazard evaluations, landslide studies, slope stability analysis, seismic refraction studies, geologic reconnaissance studies, forensic evaluations, and construction and inspection services.

- **West Basin Municipal Water District – Carson Regional Water Reclamation Facility/2.0 MGD Tertiary Membrane Bioreactor System: Carson, California:** Served as Principal Geologist providing geotechnical consulting services at the West Basin Municipal Water District – Carson Regional Water Reclamation Facility for the design of a 2.0 MGD Tertiary Membrane Bioreactor System.. The project consisted of the geotechnical design of a Tertiary Membrane Bioreactor, a Microfiltration pad, and a Chemical Storage area. Miscellaneous improvements consisting of a membrane inspection/maintenance pad, an electrical room, and roads were also analyzed in the design. Services included project coordination, review of existing geotechnical and environmental reports prepared for the project, and preparation of a technical memorandum presenting a summary of the site geotechnical and environmental issues along with supplemental recommendations pertinent to the subject project. Recommendations for ground improvement consisting of the use of aggregate piers to mitigate static and dynamic settlement were presented in our technical memorandum.
- **South Coast Water District, As-Needed Geotechnical Engineering Services, Orange County, California:** Lead Geologist retained to provide as-needed geotechnical engineering services that involved evaluations for design of new facilities or upgrades to existing facilities, including pipelines, pump stations, reservoirs and various related structures. Geotechnical design investigations have involved field exploration, laboratory testing, seismic and geologic hazard assessment, and geotechnical engineering. There were a wide variety of geologic challenges in the District service area, including seismic hazards (ground shaking, soil liquefaction, slope stability), landslides, shallow groundwater, unstable soil, difficult excavating, oversize materials, erodible material, etc. In the urban environment challenges also included soil and groundwater contamination, excavating adjacent to existing structures/improvements, regulatory requirements, permitting, and public safety.
- **South Coast Water District, Golden Lantern/Stonehill Recycled Water Distribution, Dana Point, California:** Principal Geologist performed a geotechnical evaluation for the South Coast Water District (SCWD) Golden Lantern-Stonehill Recycled Water Distribution Improvements project located in Dana Point, California. The project included the design and construction of approximately 3,500 lineal feet of 12 inch diameter and approximately 330 lineal feet of 8-inch-diameter polyvinyl chloride pipe in the northbound lanes of Golden Lantern Street using open cut-and-cover trenching methods. The project also included a new pressure regulating and

MICHAEL PUTT, P.G., C.E.G.

Geotechnical Engineering

COMPANY

Ninyo and Moore

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PG California 7581

CEG California 2341

Radiological Safety and Gauge Use Certification

EDUCATION

B.S. Geology – CSU Fullerton

Applied Rock Slope Engineering Short Course – Association of Engineering Geologists, CA

HIGHLIGHTS

Experience in highways, bridges, bore and jack tunneled undercrossings, hillside and flat land mass grading projects, pipelines

Geologic and geotechnical field evaluations

flow metering station (PRS) just north of the intersection at Stonehill Drive. The PRS is housed in a buried pre cast concrete vault that is approximately 15 feet long, 10 feet wide, and 10 feet deep. Trench excavations ranged in depth from approximately 5 to 7 feet deep with some extending to depths of up to approximately 9 feet where the pipe passed below existing utilities.

- **Orange County Water District, Five Coves and Lincoln Basins Bypass Pipeline, Anaheim, California:** Project Geologist retained to provide geotechnical consulting services for the design of the Orange County Water District Five Coves and Lincoln Basins Bypass Pipeline project in Anaheim, California. Field exploration during design included logging of 24 test pits and supervision of field staff logging of ten small-diameter borings.
- **Inland Empire Utility Agency, Recycled Water Pipeline, Rancho Cucamonga, California:** Coordinated geotechnical investigation and base line report preparation for a 2.5 mile segment of a large diameter recycled water pipeline project. Field exploration included logging of 17 small diameter borings and 7 backhoe test pits. Project construction involves open cut and two tunneled crossings.
- **Orange County Sanitation District/Plant No. 2, Job P2-105, Digester Ferric Chloride System Rehabilitation:** Served as Project Geologist providing a geotechnical evaluation report for final design. Services included review of historical background documents, exploratory borings, laboratory testing, and geotechnical engineering. The geotechnical report addressed geologic conditions and seismic hazards, groundwater, seismic design parameters, site earthwork and foundations. Recommendations were presented for structure pad earthwork, mat foundation designs, trenching and shoring, lateral earth pressures, and construction dewatering.
- **Orange County Water District - Weir Pond Rehabilitation Project, Anaheim, California:** Served as Project Geologist providing geotechnical consulting services for the Orange County Water District's Weir Pond Rehabilitation Project in Anaheim, California. The project involved reconstruction of two weirs and a Parshall flume that direct storm water from the Santa Ana River into the weir ponds system for desilting purposes prior to distribution into the District's recharge spreading facilities. The structures had deteriorated since they were constructed in the 1970's and seepage had been observed on the downstream faces of the weirs.
- **Orange County Sanitation District/Magnolia Trunk Sewer Rehabilitation:** Served as Project Geologist for a design-build project to rehabilitate the trunk sewer line utilizing the slip lining technique. The slip lining technique involves the excavation of access pits through relatively soft alluvial soil below groundwater to expose the top of the sewer pipeline for installation of the liner. Services included geotechnical and environmental consulting services during the design phase that included preparation of geotechnical evaluation reports, environmental screening for soil and groundwater contamination including aerially deposited lead, performance of pre-construction site condition surveys, and preparation of a vibration monitoring plan.

BOB KELSOE, PLS

Surveying

COMPANY

Kelsoe and Associates

YEARS OF EXPERIENCE

Over 25 years

PROFESSIONAL REGISTRATION

PLS California 6957

PLS Nevada 12994

EDUCATION

Southern California Surveyors Joint Apprenticeship Committee
Rancho Santiago College
Riverside City College

HIGHLIGHTS

Owner of Kelsoe and Associates

Immense experience with Caltrans, LA County Transportation Commission, Army Corps of Engineers

Mr. Bob Kelsoe has more than 25 years of experience in the land surveying profession. He is in responsible charge of the firm's land surveying activities. Prior to joining Kelsoe & Associates, Mr. Kelsoe worked for California Corridor Constructors as a project surveyor on the San Joaquin Hills Transportation Corridor. He was responsible for the layout and calculation of more than 30 bridges and grading of approximately 12 miles of new freeway. In addition, he created the company's quality control/quality assurance program.

Mr. Kelsoe has extensive experience in both performing and supervising surveys for public agencies. As a project surveyor, he worked closely with the California Department of Transportation (Caltrans) on detailed topographic surveys and second order geodetic control. He also performed and supervised surveys for the Los Angeles County Transportation Commission on the Metro Green Line and the Army Corps of Engineers on the lower Santa Ana River reconstruction.

In addition, Mr. Kelsoe is experienced in mapping and computer aided drafting (CAD). He has prepared Records of Survey, ALTA/ACSM land title survey maps, legal descriptions and topographic survey maps for the City of Corona, City of San Dimas, City of Rancho Palos Verdes, City of Bellflower and several other agencies throughout Southern California.

- Well 15 for Montebello Land and Water Company – Subconsultant to AKM
- Well 8 for South Montebello Irrigation District – Subconsultant to AKM
- Ontario Booster Pump Station for the City of Corona - Subconsultant to AKM
- R-3 Potable Water Reservoir for the City of Corona - Subconsultant to AKM
- City of Alhambra Sewer Lift Station No.2 and Forcemain –Subconsultant to AKM
- City of Alhambra Sewer Lift Station No.7 and Forcemain –Subconsultant to AKM
- South Coast Water District Lift Station No.2 - Subconsultant to AKM
- City of Redondo Beach Alta Vista Sewer Lift Station –Subconsultant to AKM
- City of Seal Beach 6th Street Alley Water and Sewer Line Replacements – Design Survey as a Subconsultant to AKM
- City of Moreno Valley San Timoteo Foothill Neighborhood Flood Protection Storm Drain Lines K1 and K4 - Design Survey as a Subconsultant to AKM
- City of Seal Beach Sewer Lift Station No. 35 and Seal Way Storm Drain - Design Survey as a Subconsultant to AKM
- Construction Staking Services for New Brine for the City of Corona
- Jameson Reservoir for the City of Corona - Subconsultant to AKM
- Construction Staking Services installation of New Effluent Lines for the City of Corona
- Construction Staking Services for Construction of Wastewater Treatment Plant No. 3 for the City of Corona
- Caltrans District 7 "on-call" surveying: This project involved extensive topographic surveying and mapping for proposed on and off ramp widening along route 210. Second order geodetic control was used for this project.
- San Joaquin Hills Transportation Corridor
- Metro Green Line
- San Dimas Target Center

TIM BELZMAN

Environmental Consulting

COMPANY

Helix

YEARS OF EXPERIENCE

Over 20 years

REGISTRATIONS

County of San Diego Approved CEQA Consultant for Visual Analysis

EDUCATION

Master of City Planning, San Diego State University

B.S. Criminal Justice, San Diego State University

HIGHLIGHTS

Association of Environmental Professionals

Expertise in preparation of CEQA/NEPA Documents

Expertise in EIR's, IS/MND's, ND's, NOE's, EIS's, EA's, NEPA

Mr. Belzman authors and manages preparation of environmental compliance documents in accordance with the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA). With 22 years of experience, he has successfully assisted clients with a variety of project types, including transportation, utilities, residential, commercial, mixed-use, educational, and recreational. He has extensive experience with, and specializes in, transportation projects. He is skilled in preparing all types of environmental compliance documents, including Environmental Impact Reports (EIRs), Initial Studies/Mitigated Negative Declarations (IS/MNDs), Negative Declarations (NDs), Addenda and Notice of Exemptions (NOEs) under CEQA, and preparation of Environmental Impact Statements (EISs), Environmental Assessments (EAs), and Categorical Exclusions under NEPA, as well as Community Impact Assessments, Visual Impact Assessments and Section 4(f) Evaluations. Mr. Belzman has also managed over 25 projects working with local/regional agencies and the California Department of Transportation (Caltrans) Local Assistance Program._In addition, he oversees preparation of technical studies, manages multi disciplinary teams, and coordinates with public agency staff.

- **Diaz Road Expansion** . Environmental Project Manager for a project involving the widening and improvement of an 11,600-foot segment of Diaz Road between Rancho California Road and Cherry Street in the City of Temecula, Riverside County. Most of the project alignment is adjacent to Murrieta Creek and an existing multi-use regional trail to the northwest and is constrained by existing commercial development to the southeast. Responsible for preparation of CEQA/NEPA documentation and supporting technical studies (biological resources, cultural resources, air quality, greenhouse gases, and noise) and overseeing regulatory permitting. Work performed as a subconsultant to the engineering prime, with the City of Temecula as lead agency.
- **Ronald Reagan Sports Park Trail** IS/MND . Environmental Project Manager for a mountain bike trail project within an approximately 35-acre site located directly south of the Ronald Regan Sports Park in the City of Temecula, Riverside County. Overseeing preparation of a CEQA IS/MND and technical studies addressing biological resources, cultural resources, air quality, greenhouse gases, and noise. Work performed as a subcontractor, with the City of Temecula as lead agency.
- **Ronald Reagan Sports Park Trail** IS/MND . Environmental Project Manager for a mountain bike trail project within an approximately 35-acre site located directly south of the Ronald Regan Sports Park in the City of Temecula, Riverside County. Overseeing preparation of a CEQA IS/MND and technical studies addressing biological resources, cultural resources, air quality, greenhouse gases, and noise. Work performed as a subcontractor, with the City of Temecula as lead agency.
- **Euclid & Market Complete Streets Environmental Services** . Environmental Project Manager for the preparation of technical studies in support of CEQA and NEPA documents and provision of environmental support services for "complete street" roadway and pedestrian improvements along the segment of Market Street between 47th Street and Euclid Avenue in the Encanto community of the City of San Diego. Also coordinated with Caltrans' Division of Local Assistance and provided environmental support services to the City of San Diego to obtain a NEPA Categorical Exclusion for the project. Work performed as a subconsultant to the engineering prime, with City of San Diego as the lead agency.
- **Ted Williams Parkway Pedestrian Overcrossing at Shoal Creek Drive** . Environmental Project Manager of CEQA/NEPA documentation and supporting technical studies, including Minimal Impacts Natural Environment Study, Visual Impact Assessment, Preliminary Environmental Study Form, and other technical studies for a pedestrian/bicycle bridge on Shoal Creek Drive over Ted Williams Parkway in the Carmel Mountain Ranch community of San Diego. Work included coordination with Caltrans Division of Local Assistance staff in conjunction with the NEPA process. The overcrossing provides safe passage over a heavily traveled roadway and connects residential neighborhoods and an elementary school. The project garnered a lot of community support, which helped procure funding for final design and construction. Work performed for the engineering prime, with City of San Diego and Caltrans as the lead agencies.
- **Bayshore Bikeway** . Environmental Project Manager for CEQA/NEPA documentation and supporting technical studies for segments 4, 5, 6A, 7, 8A, and 8B of the Bayshore Bikeway through portions of San Diego, National City, and Chula Vista. The Class I bike path segments would connect existing segments of the Bayshore Bikeway that will ultimately extend approximately 24 miles around San Diego Bay. Oversaw preparation of CEQA/NEPA documentation and technical studies and also provided support to SANDAG and Caltrans for NEPA Categorical Exclusions. Work performed as a subconsultant with SANDAG and City of Chula Vista as the lead agencies.

TIM BELZMAN

Environmental Consulting

COMPANY

Helix

YEARS OF EXPERIENCE

Over 20 years

REGISTRATIONS

County of San Diego Approved CEQA Consultant for Visual Analysis

EDUCATION

Master of City Planning, San Diego State University

B.S. Criminal Justice, San Diego State University

HIGHLIGHTS

Association of Environmental Professionals

Expertise in preparation of CEQA/NEPA Documents

Expertise in EIR's, IS/MND's, ND's, NOE's, EIS's, EA's, NEPA

- **San Dieguito Bridge Replacement, Double Track and Del Mar Fairgrounds Special Events Platform** . Environmental Project Manager for the preparation of an environmental constraints analysis, an Environmental Assessment, Finding of No Significant Impact, and supporting technical studies pursuant to the National Environmental Policy Act for proposed rail improvements along the Los Angeles-San Diego-San Luis Obispo Rail Corridor (LOSSAN) rail corridor from the rail undercrossing at Lomas Santa Fe Drive in the City of Solana Beach to Control Point Del Mar in the City of Del Mar. The project consists of 2.1 miles of track improvements (including 1.7 miles of new double track), new double track bridge structures, and a special events rail platform at the Del Mar Fairgrounds. Oversaw a multi-disciplinary team of technical specialists and environmental planners, participated in Project Development Team meetings, and provided support to SANDAG at public meetings. Work was performed as a subconsultant to the engineering prime, with SANDAG, North County Transit District, and the Federal Railroad Administration (FRA) as the lead agencies.
- **Clean Transit Advancement Campus** . Environmental Project Manager for a new bus maintenance facility in Southeast San Diego for the San Diego Metropolitan Transit System (MTS) to support existing and future bus operations. Assisting MTS with a site selection process and preparing a Title VI analysis and also helping with public outreach. Overseeing preparation of technical studies (addressing transportation, air quality, greenhouse gases, noise, cultural resources, geology, hazardous materials, and water quality) and CEQA and NEPA environmental documentation for the project, including an IS/MND and a NEPA CE. Participating in monthly Project Development Team meetings with SANDAG and MTS staff. Work is being performed as a prime consultant under a SANDAG on-call environmental services contract.
- **Kensington Sewer and Access Road Improvements** . Environmental Project Manager for the preparation of technical studies for the replacement and rehabilitation of sewer pipelines and a maintenance access road within Norfolk Canyon in the community of Kensington. Overseeing preparation of technical studies addressing cultural resources and noise and peer review of biological resources technical reports. Also, providing support on Information Bulletin 560 (IB) package. Work performed as a subcontractor for the City of San Diego.

MB &A MARK BALAN & ASSOCIATES
CONSULTING ELECTRICAL ENGINEERS

MARK BALAN, P.E., E.E.

Electrical Engineering

YEARS OF EXPERIENCE

Over 45 years

PROFESSIONAL REGISTRATION

Electrical Engineer E-9420, CA; Control Systems Engineer CS-4808, CA; Professional Engineer 51621, NY; Professional Engineer 22578, NJ; Professional Engineer 9867, CN; Certified Energy Manager, 1983, CA

EDUCATION

B.S., Electrical Engineering, Birla Institute of Technology and Science, India; M.S., Electrical Engineering, Polytechnic Institute of Brooklyn, New York

Over 45 years experience in the design of power distribution, control and instrumentation systems for varied applications, ranging from television network to water and wastewater treatment facilities. Extensive experience in design of Electrical /Instrumentation Systems for Pump Stations, Water and Wastewater Treatment Facilities.

PUMPING STATIONS

- City Of San Diego, Metropolitan Wastewater Department (MWD) - Several Pumps Stations - Design of Electrical, Control and Telemetry Systems - Some of the Pump Stations include 4, 5, 12, 15, 17, 24, 27, 38, 62, 77, 87, 88 and 89. These are wet well/drywell pump stations with level controls and telemetry systems. Some of the earlier pump stations were utilizing the old City's Telemetry System. However, the new stations such as 87, 88 and 89 utilize the COMNET SCADA System and these have been incorporated into the design. Additionally, we had performed upgrades to Pump Station No: 5, which included up sizing of the pumps and redesign of the control to meet COMNET requirements.
- City of San Diego (Water Department) – Several Booster Stations – Deerfield Pump Station, Black Mountain Ranch Booster Stations, Rancho Encantada Pump Station, Ocean View Hills Pump Station. These are very large Pump Stations, utilizing soft start, solid-state starters with extensive controls and instrumentation systems.
- Moulton Niguel Water District, Laguna Niguel, California. Various pumping stations and storage facilities for potable water application.
- Mesa Crest Water Company, La Canada, California. Design included several water reservoirs, level, flow metering, data transmission and automatic operation of pumping station. Additionally, the facilities included an engine driven fire pump and fire controls.
- Several Pumping Stations Marine Corps Base, Camp Pendleton, California.
- Several Pumping Stations for County of San Diego, which included Standby Power System and Telemetry Systems.
- City of Laguna Beach - Several Lift Stations Electrical/Control and Telemetry Systems Design.
- Eastern Municipal Water District - Several Pump Stations with Radio Telemetry Systems.
- Mission Gorge Pump Station - a large pumping facilities with over 2000 HP pumping capacity. Designed Variable Frequency Drive Systems - extensive control and Instrumentation. Tie in with City of San Diego Telemetry System.
- OMWD/SFID several Sewer Pump Stations, including Fiber Optic Cabling (Over 6 miles) with Video Security Monitoring and Audio system. The control system utilized several level monitoring systems with auto switching of control system in the even of sensor failures.

MB | MARK BALAN & ASSOCIATES
&A | CONSULTING ELECTRICAL ENGINEERS

MARK BALAN, P.E., E.E.

Electrical Engineering

YEARS OF EXPERIENCE

Over 45 years

PROFESSIONAL REGISTRATION

Electrical Engineer E-9420, CA; Control Systems Engineer CS-4808, CA; Professional Engineer 51621, NY; Professional Engineer 22578, NJ; Professional Engineer 9867, CN; Certified Energy Manager, 1983, CA

EDUCATION

B.S., Electrical Engineering, Birla Institute of Technology and Science, India; M.S., Electrical Engineering, Polytechnic Institute of Brooklyn, New York

CONTROL AND INSTRUMENTATION

Experience includes designing control, instrumentation and telemetry systems for water, wastewater treatment and pumping facilities. Designed conventional and PLC based control system with telemetry interface. Designed Digital Control System (DCS) for a large wastewater treatment facilities with over 7,000 input/outputs and 1,300 loops. Designed Radio Telemetry System for the County of San Diego. Designed Remote Terminal Units (RTUs) and Supervisory Control and Data Acquisition (SCADA) systems for several water and wastewater reclamation facilities, including City of San Diego and City of Calexico.

ELECTRICAL DISTRIBUTION SYSTEM

- 12 KV Underground Distribution System for the Naval Submarine Base, San Diego, California, including 12 unit substations and secondary distribution and SCADA system.
- 12 KV Underground Distribution System for the Point Loma Naval Complex, FCTCP and NOSC including several unit substations.
- 12 KV Underground Distribution System for the Marine Corps Logistics Base, Yermo Annex, Barstow, California.
- 12 KV Underground Distribution System for Chollas Heights Microwave Transmitting Facility, San Diego, California. The design included a new dual ended 12 KV Switching Station with several unit substation and a 12 KV Loop System.

COGENERATION

- A 6. M.W. Cogeneration system for General Dynamics, Lindberg Field, San Diego, California
- A 1.6 M.W. Cogeneration system for the Encina Water Pollution Control Facility, Carlsbad, San Diego. The system includes multi-mode operation of the Cogeneration system to include peak shaving capabilities.

JILL DECRISCIO

PUBLIC OUTREACH

COMPANY

Alliance Outreach

YEARS OF EXPERIENCE

Over 25 years

EDUCATION

B.A. Communications / Public Relations – California State University Fullerton

HIGHLIGHTS

Owner / LLC Manager of Alliance Outreach

Expertise in building partnerships and relationships between clients and the community

Expertise in Project Management all the way through to marketing campaigns and promotions to media relations

Jill DeCriscio Owner/LLC Manager of Alliance Outreach, LLC (AO), has more than 25 years of experience and a proven record of success in managing successful public outreach and community relations campaigns for public agencies and cities throughout Southern California, including Elsinore Valley Municipal Water District, Orange County Sanitation District, Orange County Water District, South Coast Water District and many others. Ms. DeCriscio and her team design and execute public outreach and community relations campaigns with the goal of informing the public of local public works projects, minimizing opposition and gaining public support. She has established partnerships and built relationships between clients and the community by applying successful public relations strategies, from project management to marketing campaigns and promotions to media relations.

- ***THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA*** - ***Second Lower Feeder – Reach 2 Pipeline Relining Project*** - ***Cities of Los Angeles, Carson and the County of Los Angeles, CA*** **-** The Second Lower Feeder Relining Project involved rehabilitating approximately 4.5 miles of this major regional water pipeline within the cities of Carson and Los Angeles, and the County of Los Angeles. With many consecutive headings and multiple excavation pits along the alignment, community and traffic impacts presented extensive impacts to local residents, businesses and project stakeholders. Ms. DeCriscio and her team developed a comprehensive public outreach program, identifying construction impacts at each site. Tactics included community meetings, collateral and electronic material development, community engagement, canvassing to local businesses and residents, and elected official outreach.
- ***ORANGE COUNTY WATER DISTRICT AND ORANGE COUNTY SANITATION DISTRICT'S GROUNDWATER REPLENISHMENT SYSTEM (GWRS) Program*** - ***Fountain Valley, CA*** **-** The GWRS is currently the world's largest water purification system for indirect potable reuse. Ms. DeCriscio served as community liaison throughout construction of the $480 Million GWRS Project. In that role, Ms. DeCriscio performed consensus building and issues management requiring mediation to assist with construction impacts to residents and businesses in order to maintain the public's confidence and trust in GWRS. Additionally, Ms. DeCriscio assisted with monthly public tours of the GWRS plant to educate the public about this innovative project, planned and executed public meetings to project stakeholders and coordinated the grand opening ceremony for the GWRS.
- ***CITY OF DANA POINT LANTERN DISTRICT IMPROVEMENT PROJECT*** - ***Dana Point, CA-*** Developed outreach strategies and communication materials for the Lantern's District Improvement Project, as part of the city's extensive downtown revitalization program. Hosted community meetings, workshops and community events to get input from the local business and residential communities and present improvement plans for the new Lantern District area. Worked closely with the Dana Point Chamber of Commerce and local businesses to identify and address concerns with business traffic and financial impacts, signage improvements and alternative parking areas. Developed incentive programs to minimize project impacts to businesses.

JILL DECRISCIO

PUBLIC OUTREACH

COMPANY

Alliance Outreach

YEARS OF EXPERIENCE

Over 25 years

EDUCATION

B.A. Communications / Public Relations – California State University Fullerton

HIGHLIGHTS

Owner / LLC Manager of Alliance Outreach

Expertise in building partnerships and relationships between clients and the community

Expertise in Project Management all the way through to marketing campaigns and promotions to media relations

- ***ORANGE COUNTY TRANSPORATION AUTHORITY (OCTA) COMMUNITY RELATIONS*** - ***Orange, CA*** - Ms. DeCriscio successfully executed public awareness campaigns to inform and update residents and businesses of major street, freeway and rail construction projects, resulting in community support and participation in key transportation capital improvement projects.
- CITY OF CORONA - Sixth Street and Yorba Street Pipeline and Road Improvement Project - Corona, CA
- ELSINORE VALLEY MUNICIPAL WATER DISTRICT - Capital Improvement Program - Elsinore Valley, CA
- CITY OF BURBANK - Beachwood/Sparks Street Force Main and Pump Station Replacement Project - Burbank, CA
- ORANGE COUNTY WATER DISTRICT - East Newport Mesa Groundwater Investigation and Monitoring Well Project - Cities of Costa Mesa, Irvine and Newport Beach, CA

JACK PANICHAPAN, AIA, LEED AP, NCARB

ARCHITECT

YEARS OF EXPERIENCE

Over 35

REGISTRATION

Professional Architect CA 29344
Professional Architect IL 001-018109
LEED AP
CA DSW Volunteer #89402 Cal OES Safety Assessment Program

EDUCATION

MA Architecture – Iowa State University
BA Architecture – Iowa State University

As the Principal, and Project Director, he is committed to managing incoming documents, coordinating consultants and handling discrepancies to ensure accuracy in the delivery of the project personally for every client. Mr. Panichapan has over thirty five years of experience, ranging from new buildings, renovation, and interior design, to complete city campus master planning. Throughout his career, he has extensive experience in the needs assessment, site survey and ADA analysis in various type of building, such as municipal, water district, corporate yard, health care facilities, and schools.

- Water Replenishment District of Southern California – Albert Robles Center (ARC) Adanced Water Treatent Facility
- Eastern Municipal Water District – Gate 5 (Gate entrance and road reconfiguration)
- City of Oceanside – Oceanside Pure Water Treatment Facility
- Eastern Municipal Water District – Temecula Valley Reclamation Regional Water Facility Blowing Building Conversion
- Eastern Municipal Water District – Sun City Reclamation Regional Water Facility Water Operations Building Renovation
- City of Escondido – Need Assessment, Maintenance and Water District Facility
- Mojave Water Agency – Need Assessment, New Agency Headquarters Facility, and Central Operation Center
- Moulton Niguel Water District – Need Assessment on Administration Building
- City of San Gabriel – Municipal Yard Facility
- Imperial Irrigation District – Needs Assessment on Multiple Department
- City of Fullerton – Public Facilities and CNG Station
- City of Oceanside –Pure Water Treatment Facility
- Inland Empire Utilities Agency – On-Call A/E Services
- Bellflower Somerset Mutual Water Company – Leahy Avenue Water Well Facility
- City of Anaheim – Linda Vista Reservoir and Pump Station
- City of Riverside – Pyrite Canyon Water Treatment Facility
- Continental Lift Station Replacement, Lake Elsinore, CA
- Calleguas Municipal Water District – City of Carlsbad – Moorpark Pump Station and Twin D Recycled Pump Station
- Cannon Lift Station, Carlsbad, CA
- Montage Resorts – Vista Serena Maintenance Facility
- South Coast Water District – Dana Point Desalination Building
- City of Santee- New Maintenance Yard / Facility
- Temecula Valley Regional Water Reclamation Facility – Palomar Recycled Water Booster Station
- Victor Valley Municipal Water District – Administrative, Maintenance and Operations Facility
- Elsinore Valley Municipal Water District – Administrative and Operations Facility
- Valley Center Municipal Water District – Administration, Maintenance, and Operations Facility
- Elsinore Valley Municipal Water District – Continental Lift Station

LYNN CAPOUYA INC.
LANDSCAPE ARCHITECTS

JANE CATALDO, RLA, LEED AP

Landscape Architecture

YEARS OF EXPERIENCE

Over 45 years

PROFESSIONAL REGISTRATION

Landscape Architect – California 2512

EDUCATION

B.S. Landscape Architecture – Cornell University College of Agriculture and Life Sciences

As Design Director, Jane has over four decades of experience in water related projects along with a variety of other project types including streetscapes, parks, plaza design both on-grade and on-structure, professional offices, shopping centers, industrial complexes, schools and public institutions, sports fields and turf renovation. Within the firm, Jane directs production staff and operations, ensuing timely project delivery. Jane has extensive experience working with the California environment and drought tolerant plant species. She is LEED certified and applies her knowledge of sustainability practices to achieve compliance with current water conservation legislation.

- **Westside Pump Station Rehabilitation (3-52)/Orange County Sanitation District/Los Alamitos, CA.** Jane was responsible for the landscape architecture design involved in the rehabilitation of the existing 8-mgd Westside Pump Station to an 18.8-mgd pump. The landscape design incorporated community feedback and included drought tolerant plants, a decorative wrought iron entry gate, and mature palm trees to blend aesthetically with the residential community.

- **Peyton Drive Phase 3 and English Channel/Creek Habitat Mitigation, Chino Hills, CA.** Jane was the Project Director for the development and completion of construction drawings and specifications for landscape and irrigation design. She worked closely with the City of Chino Hills, project engineers and biologists to execute all the documents outlined in the Compensatory Habitat and Mitigation Monitoring Plan approved by the U.S. Army Corps of Engineers. Some of the elements included the development of special native seed mixes for various areas within several different mitigation zones along with planting design for new channel keys downstream of the main project. Additionally, a temporary irrigation system design was included in the scope and equipment selection was consistent with all of the requirements of California AB 1881.

- **La Palma Complex Reservoir Rehabilitation and Pump Station, Anaheim, CA.** Jane was the Senior Project Manager responsible for the landscape architecture design involved in this pump station rehabilitation that included protection and preservation of existing trees, onsite runoff retention, water efficient plant palette and an upgraded irrigation system with a satellite-based controller and highly efficient nozzles.

- **Well 12C, Compton, CA.** As Senior Project Manager, Jane was responsible for all aspects of management, design and plan implementation for this project. The well site is in a residential neighborhood and was designed to blend into its surroundings. The pump house has a residential low profile appearance. The landscape is designed with a combination of drought tolerant, colorful plants and inert ground plant materials that are intended to serve as a demonstration garden for water efficiency. The irrigation system meets all current state mandates for efficiency and incorporates low flow and water monitoring as integral components.

- **Bakersfield Wastewater Treatment Facility, Administration Building and Perimeter Planting, Bakersfield, CA.** As Senior Project Manager, Jane was responsible for all aspects of management, design and plan implementation for this project. The project included a heavily landscaped 35’ wide x 6’ high berm designed to screen the facility, streetscapes along McCutcheon Road, shrub screening on Gosford

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Road and landscape areas surrounding the new administration building. By working closely with Parsons (prime consultant) and the City of Bakersfield, Jane developed extensive streetscape and berm palettes enhancing the facility's perimeter.

- **Well 28D, Bellflower, CA.** Jane managed the design and plan implementation for this project. Liberty Water Company, owner of the well site, intends to utilize the landscape on this project to demonstrate how aesthetically appealing drought tolerant landscapes can be. The irrigation system will be state of the art efficient components per state mandates.
- **Groundwater Replenishment Injection Well 32 Perimeter Planting, Huntington Beach, CA.** As Project Manager Jane was responsible for working with the Orange County Water District and City Staff to landscape and irrigate all exposed streetscape perimeters of this existing pump station. The project was located between an existing residential neighborhood and a convenience store. The facility required the landscape scheme be the unifying element within the neighborhood. City requirements dictated the use of screen walls and vegetation to screen the recharge pumps from public view with shrubs and trees planted at the base of the walls to soften the overall affect.
- **Well 33 Perimeter Planting, Montclair, CA.** As Project Manager Jane was responsible for working with the project engineers and City Staff to landscape and irrigate all exposed streetscape perimeters of this new pump station. Set in an existing and well-established residential neighborhood, the facility required that the landscape scheme to integrate with the surroundings.
- **Well 54 Site Planting, Anaheim, CA.** As Project Manager, Jane was responsible for working with Boyle Engineers and City staff to landscape and irrigate all exposed perimeters of this new pump station. Set in an existing, established residential neighborhood, the facility required the landscape scheme be integrated into the adjacent surroundings. The design for the project was completed using a 'California friendly' and native plant palette.
- **Well 56 Site Planting, Anaheim, CA.** Jane was the Project Manager responsible for working with Earth Tech Inc. (now AECOM) and City staff to landscape and irrigate all exposed perimeters of this new pump station. Set in an existing, established park, the facility required the landscape scheme blend into the surrounding neighborhoods. Existing plant materials were observed and maintained during the planning process. Additional plant materials were carefully chosen to complement the existing landscape.
- **Westside Pump Station Rehabilitation (3-52), Orange County Sanitation District, Los Alamitos, CA.** Jane was the Project manager and landscape architect responsible for the landscape architecture design involved in rehabilitation of the existing 8-mgd Westside Pump Station to an 18.8-mgd pump. The landscape design incorporated community feedback and included drought-tolerant plants, a decorative wrought-iron entry gate, and mature palm trees to blend aesthetically with the residential community.

SCOPE OF WORK

AKM's approach to each project assigned is specifically tailored to the established goals, objectives, schedules, and budgets identified by our clients. Our work plans are detailed and specific to each project's unique requirements. However, fundamental core values and principals are integrated into and employed on each and every project AKM undertakes.

Project development begins at the RFP stage, continues through the creation of final reports or design documents, and if applicable, culminates in bidding and engineering support services during construction. Each phase is important and essential to overall project success.

Developing proper insight into the project and its goal, obtaining the proper data for use on the project, and close coordination with the City is essential to completing successful projects for the City. These elements minimize the possibility of errors, promote timely exchange of information and identification of issues, and formulation of solutions. Staffing the project with the most qualified team members is another essential part of its success.

PROJECT MANAGEMENT

In undertaking its assignments, AKM employs an "Integrated Project Management" approach to deliver successful projects. The goal of the Integrated Project Management is to provide a technically superior product on schedule and within budget. Integrated Project Management commences with project identification, establishes a work program, and executes the project while providing continuous project quality monitoring and improvements. In this approach, the project management and internal quality control are very important elements.

During project identification, the intent and purpose of the project are determined with extensive interaction with the client. Thereupon, a work plan is established and a resource loaded work breakdown structure and schedule are prepared. The schedule and work breakdown structure are integrated with the special needs of the project and the client.

The project is executed by the technical staff. Quality Control function is carried out to provide independent checking of the project and address constructability and bidability issues.

The project is reviewed weekly by the Project Manager who monitors progress against the established work breakdown structure and schedule. Any technical difficulties, schedule slips or previously unforeseen conditions are immediately recognized, quantified and addressed. The status is reported to the client in regular project status reports. As a result, interactive, responsive and proactive project management is utilized.

COMMUNITY OUTREACH

AKM and its subconsultant Alliance Outreach will attend meetings and provide support and materials for City of Pico Rivera and/or City Council presentations and Community Outreach Meetings, including but not limited to, PowerPoint presentations,

AKM'S INTEGRATED PROJECT MANAGEMENT

PROJECT IDENTIFICATION

- Listen to Client/User
- Ascertain Project Needs
- Identify Problems/Constraints
- Review Schedule and Budget
- Review Site and Data
- Determine Expectations
- Determine Approval Process and Permitting Agencies
- Establish Scope of Technical Services

WORK PROGRAM

- Establish Work Plan and Schedule
- Establish Work Breakdown Structure (WBS)
- Determine Resources
- Review and Adjust the Work Plan and Schedule
- Establish Project Milestones

TECHNICAL EXECUTION

- Project Execution
- Concept and Criteria Review by AKM Principal Engineer not directly involved with any day to day project details
- Discipline Check
- Internal QC and Constructability Review by QA/QC Team

PROJECT MANAGEMENT

- Technical Review
- Progress Reporting
- Comparison of Progress with WBS and Resource Loaded Schedule
- Resolution of Discrepancies
- Identification of Sources and Impacts
- Development of Mitigation
- Continuous Coordination
- QA/QC Completion

project fact sheets, concept renderings, GIS storymaps, plans and drawings and answer questions from the public and/or committee or council members. Graphic visuals shall be prepared for both print and digital applications. Alliance Outreach has developed and implemented successful community, educational and conservation public outreach campaigns and high profile design and construction outreach programs for more than 70 transportation, water, sewer, and recycled water projects in Southern California alone.

PROJECT IDENTIFICATION

Requests for proposals that are received are immediately reviewed by principals/principal engineers of the Company to assess how AKM can best respond to both the technical requirements of the work and the project delivery schedule. As we have throughout our relationship with the City, we pledge to respond to each solicitation.

Requests for proposals are then assigned to a principal/principal engineer of the company with 20 plus years of experience, who will be not only responsible for preparation of the proposal, but will also participate in the work (if awarded the project) in a significant capacity until project completion.

The principal/principal engineer will be responsible for thoroughly reviewing the proposal requirements, ask questions as necessary, in order to develop thorough insight into the project and all required scope elements, and perform site visits, as needed, to understand site conditions.

PROPOSAL PREPARATION

The best way to minimize or eliminate change orders during design phase services is to develop a detailed proposal which identifies all project issues and objectives, and realistically estimates costs and schedules for completion of the work. This can only be achieved by mature staff that has extensive experience and expertise in the type of work to be undertaken. At AKM, staff assigned to the preparation of the proposal are firm principals and principal engineers with over 20 years of experience in the water resources engineering industry. These individuals are also actively engaged in the day to day activities associated with the planning and design of the projects, and therefore are thoroughly familiar with the effort, resources, and activities required to deliver a technically superior project on schedule and within budget.

It is our philosophy to address all RFP requested services in the proposal, as a minimum scope of work. We do however, regularly offer recommendations and include additional services that we believe to be necessary, or that would improve the value of the project. We also point out scope elements which may have been requested, but based upon our experience, may not provide a significant benefit or value to the job.

All of AKM's proposals demonstrate our understanding of the requested work by summarizing the purpose of the project, highlight project issues, discuss the design and delivery schedule, and provide innovative solutions for addressing project challenges. They are thorough and complete, and provide a detailed roadmap for overall completion of the anticipated work program. For each proposal, we prepare an initial resource loaded work breakdown structure tied to the project's schedule, which we will update, incorporate into earned value analysis as part of our project management if awarded the contract.

PROJECT INITIATION

AKM initiates each project it is awarded with a kick-off meeting. Key members of the AKM team will attend the meeting to provide introductions, discuss lines of communication and project management including the initial work breakdown structure and schedule, review project issues, and budget. We document the discussions of the meeting in minutes within one week of the meeting.

This meeting is then followed up with focused meetings between client staff and AKM Project Team to gather a central understanding of operational issues, desired project objectives, client design criteria, maintenance information, operational data, and field testing.

During the project initiation phase, design surveys, geotechnical investigations, and utility research are typically undertaken.

The City has developed general task descriptions for the projects it plans to undertake, which we acknowledge in its entirety. In the following, we provide our general approach to undertaking these tasks:

TECHNICAL AND FEASIBILITY STUDIES AND SUPPORT SERVICES

Technical and feasibility studies are anticipated to include water quality evaluations, technical and optimization studies of treatment processes and distribution systems, feasibility studies of new and alternative treatment systems, assessment of ancillary facilities, condition assessment and asset management evaluations, and equipment and process evaluations to formulate repair and rehabilitation recommendations.

In general, all studies will be conducted with the following approach:

- Meetings – AKM will meet with the City staff to gain insight and collect information concerning the project. The discussions of the meeting will be summarized in "Minutes" prepared by AKM and distributed to all meeting attendees. Meetings will be held through the performance of the work to ascertain proper exchange of information, and direction from the City.

  At the conclusion of the study, a meeting will be held to present the study findings to the City staff and to respond to any questions.
- Field Investigations – AKM will conduct field investigations as necessary to obtain data, observe actual operating conditions and identify any constraints and opportunities. If any testing is required, AKM will prepare a testing protocol prior to conducting the tests. The testing protocol will define the objectives for the test, data to be collected, and procedures for conducting the test.
- Preparation of Engineering Calculations – Based upon the collected data, AKM will prepare engineering calculations, as necessary, to analyze the current system operation and possible future operating conditions. When appropriate, computer programs will be used for this work.
- Preparation of Sketches, Drawings – We will develop exhibits, sketches and drawings, as necessary, to illustrate current conditions and recommendations for improvements.
- Report – A report or technical memorandum will be prepared for each study, which presents the study's objective, existing condition and/or deficiency, alternatives for correcting the current situation, cost/benefit analysis, and recommendations. Supporting calculations and exhibits will also be provided. The final study will be signed and sealed by a Registered Professional Engineer in the State of California.

PRELIMINARY DESIGN

For most design projects, a preliminary design report is prepared. The report provides a basis for design development, evaluates alternatives, assesses costs, identifies design and construction schedules, outlines permit and easement requirements, and provides concept solutions for project technical challenges. The report also often contains 20% to 30% level drawings to help illustrate the proposed project design. A typical report outline is as follows:

- Executive summary
- Introduction
- Existing System and Hydraulics
- Design Criteria
- Alternative Evaluation and Proposed Design
- Electrical and Control Systems
- Utility Services
- Geotechnical Conditions
- Corrosion
- Permitting and Right-of-Way Requirements
- Construction Issues and Phasing
- Construction Cost and Schedule

During its development and prior to submission, the PDR receives complete QA/QC reviews. The final report will form the basis for all subsequent design work.

PROJECT DESIGNS DESIGN

The concepts identified in the PDR will be expanded upon in the Final Design Phase to create a comprehensive,

detailed set of contract documents suitable for bidding purposes. All design disciplines will be addressed, including but not limited to, civil, structural, mechanical, electrical, controls, corrosion, and traffic engineering. Plans will include all necessary details and diagrams to properly illustrate the work, and will be prepared at a scale which is easy to read and clear to understand. Complementing the project plans will be a comprehensive specification package. The project specifications will provide a complete description of the project and related issues, required construction phasing, and detailed requirements for all materials and equipment engineered into the project.

Our final design services also typically include:

- Permit Processing
- Environmental Support Service
- Traffic Engineering
- Right-of-Way Acquisition
- Construction Cost Estimates
- Water Quality Management Plan

All design projects undergo extensive QA/QC and constructability reviews during their development and prior to milestone submittals. Plans, specifications, and estimates are typically submitted at the 60%, 90%, 100%, and final design levels for review and comment by the client. Final deliverables, including signed and sealed Mylar drawings, electronic files of plans in PDF and AutoCAD, and a complete specification package (hard copy, PDF version, and Microsoft Word version) will be provided.

CONSTRUCTION BID PHASE

Engineering support during the bid period will be directed by AKM's Project Manager and Engineer of Record assigned to the project design.

Bid Phase Services

A. Pre-Bid Meeting - Engineer of Record and Project Manager will prepare agenda, review it with the City Project Manager, participate in the Pre-Bid Meeting, record the meeting's discussions, and issue meeting minutes.

B. Responses to RFIs and RFQs - AKM will respond to requests for information and clarification during the bid phase. We expect that the RFIs and RFQs will be submitted to the City. Bidders who contact AKM directly will be advised to direct all questions to the City to ensure all information is properly disseminated. Responses will include written clarifications, sketches or plan revisions, and bid addenda, if necessary.

C. Review Bids – As directed by, and in coordination with the City, AKM will be available to review contract bid documents and provide recommendations for award of the construction contract. Bid reviews will include the following:

- Verification that all forms and addenda have been submitted, correctly completed, and signed.
- Checking of all unit costs and total costs in the bid sheets to ensure all line items have been completed and added correctly.
- Review of contractor's previous projects (similar in nature to the proposed contract) to determine the Contractor's qualifications for completing the work.
- Contact references to verify Contractor performance particularly in the areas of:
  - Quality of work
  - Adherence to schedule
  - Change orders
  - Cooperation
  - Claims and legal action
  - Verification of Contractor's licenses
  - Review of proposed subcontractors and their qualifications
  - Review of proposed major materials and equipment to be furnished by the Contractor

AKM will provide the City with a summary report documenting our investigation, findings, and recommendations.

HYDRAULIC MODELING

Hydraulic modeling efforts will be conducted to analyze water, recycled water, and wastewater systems; sizing pumps; evaluating emergency scenarios; and prepare special studies as requested by the City to assess the

effectiveness of proposed solutions when implemented into the City's system. It will also be used to determine demands and system pressures in support of design activities.

Analysis criteria will be prepared and submitted to the City for review. Any comments will be addressed and included in the final criteria to which the system will be evaluated. Improvement and mitigation projects will be formulated, based upon the results of hydraulic modeling analysis.

AS-NEEDED STUDIES

As needed studies are anticipated to include: hydraulic analyses; water quality studies; pumping system analysis; equipment evaluations; cost estimates; and cost/benefit analysis. In general, all studies will be conducted with the following approach:

- **Meetings** – AKM will meet with City staff to gain insight and collect information concerning the project. The discussions of the meeting will be summarized in "Minutes" prepared by AKM and distributed to all meeting attendees. At the conclusion of the study, a meeting will be held to present the study findings to City staff and to respond to any questions.
- **Field Investigations** – Field investigations will be conducted, as necessary to obtain data and observe actual operating conditions. Prior to conducting field tests, AKM will prepare a testing protocol. The testing protocol will define the objectives for the test, data to be collected, and procedures for conducting the test.
- **Preparation of Engineering Calculations** – Based upon the collected data, AKM will prepare engineering calculations, as necessary, to analyze the current system operation. When appropriate, computer programs will be used for this work.
- **Hydraulic Analysis** – The City models will be used to assess deficiencies, potential solutions, and to determine operating conditions for new pumping equipment, and piping systems.
- **Preparation of Sketches** – Exhibits and sketches will be developed, as necessary, to illustrate current conditions and recommendations for improvements.
- **Report** – A report or technical memorandum will be prepared for each study, which presents the study's objective, existing condition and/or deficiency, alternatives for correcting the current situation, cost/benefit analysis, and recommendations. Supporting calculations and exhibits will also be provided. The final study will be signed and sealed by a Registered Professional Engineer in the State of California.

COST ESTIMATES

We appreciate the need for accurate cost estimates on all projects produced. At AKM, our estimates are primarily based upon recent bid results and adjusted for special requirements which are unique to each job. AKM maintains an extensive data base of bid results that has been assembled from our own projects and from agencies in Southern California. We augment this data with manufacturer price quotes for equipment, and materials.

We rarely utilize price estimating programs or books, as it is our belief that such tools render less accurate estimates.

REVIEW AND RECOMMENDATION FOR AWARD OF CONSTRUCTION CONTRACTS

If requested by the City, AKM will review contract bid documents and provide recommendations for award of the construction contract. Bid reviews will include the following:

- Verification that all forms and addenda have been submitted, correctly completed, and signed.

- Checking of all unit costs and total costs in the bid sheets to ensure all line items have been completed and added correctly.
- Review of contractor's previous projects (similar in nature to the proposed contract) to determine the Contractor's qualifications for completing the work.
- Contact references to verify Contractor performance particularly in the areas of:
  - Quality of work
  - Adherence to schedule
  - Change orders
  - Cooperation
  - Claims and legal action
- Verification of Contractor's licenses
- Review of proposed subcontractors and their qualifications
- Review of proposed major materials and equipment to be furnished by the Contractor

AKM will provide the City with a summary report documenting our investigation, findings, and recommendations.

ENGINEERING SERVICES DURING CONSTRUCTION

AKM's typical approach to construction related services is defined in the paragraphs below. In general, all work after the bid phase will be under the direction of the City assigned Construction Manager. Engineering support during the construction period will be directed by AKM's Project Manager and Engineer of Record assigned to the project design.

AKM will assist the Construction Management Team in general contract administration for the construction of the Project, including participating in weekly construction meetings, reviewing progress of the construction, and provide input as necessary throughout the project. We anticipate the filing system will be based upon a cloud based

The tasks of engineering support will generally include the following:

- Provide site visits as required;
- Provide office engineering consultation, as required;
- Prepare supplementary sketches and details; revisions to contract drawings and specifications as required to resolve field construction problems that may be encountered;
- Respond to requests for information and requests for clarification;
- Attend factory witness testing of pumping, electrical, and controls equipment
- Review requests for change orders, and provide comments as to their validity
- Provide assistance in negotiating, preparing and processing change order(s) and/or extra work order(s) as needed;
- Review shop drawings and other submittals for strict conformance with the contract documents;
- Review requests for substitution and provide recommendations to the City
- Assist in development of punch-lists
- Provide start-up assistance
- Assist with project close-out, including warrantees, guarantees, and operation and maintenance manuals
- Prepare as-built, record drawings
- Prepare facility reference drawings
- Prepare and submit monthly reports to the City along with the monthly invoice, summarizing work performed, potential project issues, possible solutions, budget status and EVA updates.

REFERENCES

AKM Consulting Engineers has a long and distinguished track record in providing quality engineering services, especially with respect to planning, design, and construction support of water, recycled water, and wastewater systems. Specific examples of AKM's experience related to on-call water engineering services are listed below.

ON-CALL ENGINEERING SERVICES
Water Replenishment District – 4040 Paramount Boulevard, Lakewood, CA 90712

Contact: Jessica Koop (562) 275-4219 jkoop@wrd.org or Mario Bautista mbautista@wrd.org
AKM Staff: Z. Kayiran (PIC), Diann (PM), J. Lee (PE), J. Nitta (PE), D. Baker (DE), H. Herrera (DE), C. Valle (Staff Engineer), E. Kayiran (Const. Review), S. Patterson (Const. Review)
Scope of Services: Technical studies, Preliminary Design Reports, Project Design, Construction Bid, Engineering During Construction, Hydraulic Modeling - pipelines, service laterals, process treatment systems and facilities, pump stations, chlorine disinfection stations, and facility rehabilitation and replacement projects

ON-CALL ENGINEERING SERVICES
City of Cypress – 5275 Orange Avenue, Cypress, CA 90630

Contact: Doug Dancs (714) 229-6740 ddancs@cypressca.org
AKM Staff: Z. Kayiran (PIC), D. Pay (PM), N.Majaj (PM),J. Nitta (PE), H. Herrera (PE), M. Ying (PE), J. Lee (PE), E. Kayiran (Const. Review), S. Patterson (Const. Review)
Scope of Services: As-Needed engineering design services – wastewater pipelines, wastewater planning, construction management / inspection, storm drains, stormwater pump stations

ON-CALL ENGINEERING SERVICES
Rowland Water District – 3021 Fullerton Road, Rowland Heights, CA 91748

Contact: Tom Coleman (562) 941-0114 **AKM Staff:** Z. Kayiran (PIC), D. Baker (PE)
Scope of Services: Engineering Design Services (Plans, Specifications, Construction Cost Estimates) - Civil, mechanical, electrical, structural, instrumentation; street improvements; construction documents; surveying and mapping; environmental services; permitting; water resource planning and management support services

ENGINEERING SERVICES
City of Tustin–300 Centennial Way, Tustin, CA 92780

Contact: Mike Grisso (714) 36104719 mgrisso@tustinca.org
AKM Staff: Z. Kayiran (PIC), Diann (PM), J. Lee (PE), J. Nitta (PE), D. Baker (DE), H. Herrera (DE), C. Valle (Staff Engineer), E. Kayiran (Const. Review), S. Patterson (Const. Review)
Scope of Services: Engineering services including preparation of plans, specifications, and construction cost estimates –Planning, hydraulic modeling, technical engineering and feasibility studies, water-related capital facility improvements (pipelines, pump stations, wells, reservoirs), treatment, general civil engineering capital improvements, repair and rehabilitation assessments, constructability reviews.

ENGINEERING SERVICES
City of San Clemente–910 Calle Negocio, San Clemente, CA 92672

Contact: Dave Rebensdorf (949) 361-6130 rebensdof@san-clemente.org
AKM Staff: Z. Kayiran (PIC), Diann (PM), N. Majaj (PM), M. Ying (PE), J. Lee (PE), J. Nitta (PE), D. Baker (DE), H. Herrera (DE), C. Valle (Staff Engineer), E. Kayiran (Const. Review), S. Patterson (Const. Review)
Scope of Services: Engineering services including preparation of plans, specifications, and construction cost estimates –Planning, hydraulic modeling, technical engineering and feasibility studies, water-related capital facility improvements (pipelines, pump stations, wells, reservoirs), stormwater/drainage, treatment, general civil engineering capital improvements, repair and rehabilitation assessments, constructability reviews.

Rate Schedule

Labor Classification	Hourly Rate
Principal	$269
Principal Engineer	$269
Project Manager	$261
Project Engineer	$248
Senior Construction Manager	$247
QA/QC Manager	$247
Senior Engineer	$228
Construction Manager	$212
Senior Field Engineer / Inspector	$209
Field Engineer / Inspector	$184
Associate Engineer	$177
Staff Engineer	$157
Financial Analyst	$144
Senior Designer / Senior CADD Technician	$124
Designer / CADD Technician	$115
Assistant Engineer	$114
Engineering Technician	$105
Engineering Aide	$89
Office Support	$89
Data or Word Processing	$86

Subcontracted services will be marked up 10% in order to cover costs associated with administration, coordination and management of subcontractors. This schedule of rates is in effect until December 31, 2028, at which time it may be adjusted.

NINYO AND MOORE

Schedule of Fees for Laboratory Testing

SOILS

Atterberg Limits, D 4318, CT 204	$ 170
California Bearing Ratio (CBR), D 1883	$ 550
Chloride and Sulfate Content, CT 417 & CT 422	$ 175
Consolidation, D 2435, CT 219	$ 300
Consolidation, Hydro-Collapse only, D 2435	$ 150
Consolidation – Time Rate, D 2435, CT 219	$ 200
Direct Shear – Remolded, D 3080	$ 350
Direct Shear – Undisturbed, D 3080	$ 300
Durability Index, CT 229	$ 175
Expansion Index, D 4829, IBC 18-3	$ 190
Expansion Potential (Method A), D 4546	$ 170
Geofabric Tensile and Elongation Test, D 4632	$ 200
Hydraulic Conductivity, D 5084	$ 350
Hydrometer Analysis, D 6913, CT 203	$ 220
Moisture, Ash, & Organic Matter of Peat/Organic Soils	$ 120
Moisture Only, D 2216, CT 226	$ 35
Moisture and Density, D 2937	$ 45
Permeability, CH, D 2434, CT 220	$ 300
pH and Resistivity, CT 643	$ 175
Proctor Density D1557, D 698, CT 216, AASHTO T-180	$ 220
Proctor Density with Rock Correction D 1557	$ 340
R-value, D 2844, CT 301	$ 375
Sand Equivalent, D 2419, CT 217	$ 125
Sieve Analysis, D 6913, CT 202	$ 145
Sieve Analysis, 200 Wash, D 1140, CT 202	$ 100
Specific Gravity, D 854	$ 125
Thermal Resistivity (ASTM 5334, IEEE 442)	$ 925
Triaxial Shear, C.D, D 4767, T 297	$ 550
Triaxial Shear, C.U., w/pore pressure, D 4767, T 2297 per pt	$ 450
Triaxial Shear, C.U., w/o pore pressure, D 4767, T 2297 per pt	$ 350
Triaxial Shear, U.U., D 2850	$ 250
Unconfined Compression, D 2166, T 208	$ 180

MASONRY

Brick Absorption, 24-hour submersion, 5-hr boiling, 7-day, C 67	$ 70
Brick Compression Test, C 67	$ 55
Brick Efflorescence, C 67	$ 55
Brick Modulus of Rupture, C 67	$ 50
Brick Moisture as received, C 67	$ 45
Brick Saturation Coefficient, C 67	$ 60
Concrete Block Compression Test, 8x8x16, C 140	$ 70
Concrete Block Conformance Package, C 90	$ 500
Concrete Block Linear Shrinkage, C 426	$ 200
Concrete Block Unit Weight and Absorption, C 140	$ 70
Cores, Compression or Shear Bond, CA Code	$ 70
Masonry Grout, 3x3x6 prism compression, C 39	$ 45
Masonry Mortar, 2x2 cube compression, C 109	$ 35
Masonry Prism, half size, compression, C 1019	$ 120
Masonry Prism, Full size, compression, C 1019	$ 200

REINFORCING AND STRUCTURAL STEEL

Chemical Analysis, A 36, A 615	$ 135
Fireproofing Density Test, UBC 7-6	$ 90
Hardness Test, Rockwell, A 370	$ 80
High Strength Bolt, Nut & Washer Conformance, per assembly, A 325	$ 150
Mechanically Spliced Reinforcing Tensile Test, ACI	$ 175
Pre-Stress Strand (7 wire), A 416	$ 170
Reinforcing Tensile or Bend up to No. 11, A 615 & A 706	$ 75
Structural Steel Tensile Test: Up to 200,000 lbs., A 370	$ 90
Welded Reinforcing Tensile Test: Up to No. 11 bars, ACI	$ 80

CONCRETE

Compression Tests, 6x12 Cylinder, C 39	$ 35
Concrete Mix Design Review, Job Spec	$ 300
Concrete Mix Design, per Trial Batch, 6 cylinder, ACI	$ 850
Concrete Cores, Compression (excludes sampling), C 42	$ 120
Drying Shrinkage, C 157	$ 400
Flexural Test, C 78	$ 85
Flexural Test, C 293	$ 85
Flexural Test, CT 523	$ 95
Gunite/Shotcrete, Panels, 3 cut cores per panel and test, ACI	$ 275
Lightweight Concrete Fill, Compression, C 495	$ 80
Petrographic Analysis, C 856	$ 2,000
Restrained Expansion of Shrinkage Compensation	$ 450
Splitting Tensile Strength, C 496	$ 100
3x6 Grout, (CLSM), C 39	$ 55
2x2x2 Non-Shrink Grout, C 109	$ 55

ASPHALT

Air Voids, T 269	$ 85
Asphalt Mix Design, Caltrans (incl. Aggregate Quality)	$ 4,500
Asphalt Mix Design Review, Job Spec	$ 180
Dust Proportioning, CT LP-4	$ 85
Extraction, % Asphalt, including Gradation, D 2172, CT 382	$ 250
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Film Stripping, CT 302	$ 120
Hveem Stability and Unit Weight D 1560, T 246, CT 366	$ 225
Marshall Stability, Flow and Unit Weight, T 245	$ 240
Maximum Theoretical Unit Weight, D 2041, CT 309	$ 150
Moisture Content, CT 370	$ 95
Moisture Susceptibility and Tensile Stress Ratio, T 238, CT 371	$ 1,000
Slurry Wet Track Abrasion, D 3910	$ 150
Superpave, Asphalt Mix Verification (incl. Aggregate Quality)	$ 4,900
Superpave, Gyratory Unit Wt., T 312	$ 100
Superpave, Hamburg Wheel, 20,000 passes, T 324	$ 1,000
Unit Weight sample or core, D 2726, CT 308	$ 100
Voids in Mineral Aggregate, (VMA) CT LP-2	$ 90
Voids filled with Asphalt, (VFA) CT LP-3	$ 90
Wax Density, D 1188	$ 140

AGGREGATES

Clay Lumps and Friable Particles, C 142	$ 180
Cleanness Value, CT 227	$ 180
Crushed Particles, CT 205	$ 175
Durability, Coarse or Fine, CT 229	$ 205
Fine Aggregate Angularity, ASTM C 1252, T 304, CT 234	$ 180
Flat and Elongated Particle, D 4791	$ 220
Lightweight Particles, C 123	$ 180
Los Angeles Abrasion, C 131 or C 535	$ 200
Material Finer than No. 200 Sieve by Washing, C 117	$ 90
Organic Impurities, C 40	$ 90
Potential Alkali Reactivity, Mortar Bar Method, Coarse, C 1260	$ 1,250
Potential Alkali Reactivity, Mortar Bar Method, Fine, C 1260	$ 950
Potential Reactivity of Aggregate (Chemical Method), C 289	$ 475
Sand Equivalent, T 176, CT 217	$ 125
Sieve Analysis, Coarse Aggregate, T 27, C 136	$ 120
Sieve Analysis, Fine Aggregate (including wash), T 27, C 136	$ 145
Sodium Sulfate Soundness, C 88	$ 450
Specific Gravity and Absorption, Coarse, C 127, CT 206	$ 115
Specific Gravity and Absorption, Fine, C 128, CT 207	$ 175

ROOFING

Roofing Tile Absorption, (set of 5), C 67	$ 250
Roofing Tile Strength Test, (set of 5), C 67	$ 250

Special preparation of standard test specimens will be charged at the technician's hourly rate.
Ninyo & Moore is accredited to perform the AASHTO equivalent of many ASTM test procedures.

Ninyo & Moore | 2021 Laboratory Testing

Schedule of Fees

Hourly Charges for Personnel

Professional Staff

Principal Engineer/Geologist/Environmental Scientist/Certified Industrial Hygienist	$ 250
Senior Engineer/Geologist/Environmental Scientist	$ 235
Senior Project Engineer/Geologist/Environmental Scientist	$ 220
Project Engineer/Geologist/Environmental Scientist	$ 210
Senior Staff Engineer/Geologist/Environmental Scientist	$ 200
Staff Engineer/Geologist/Environmental Scientist	$ 180
GIS Analyst	$ 160
Technical Illustrator/CAD Operator	$ 140

Field Staff

Certified Asbestos/Lead Technician	$ 220
Field Operations Manager	$ 150
Nondestructive Examination Technician (UT, MT, LP)	$ 145
Supervisory Technician	$ 140
Special Inspector (Concrete, Masonry, Structural Steel, Welding, and Fireproofing)	$ 135
Senior Technician	$ 135
Technician	$ 130

Administrative Staff

Information Specialist	$ 120
Geotechnical/Environmental/Laboratory Assistant	$ 120
Data Processor	$ 95

Other Charges

Concrete Coring Equipment (includes technician)	$ 190/hr
Anchor Load Test Equipment (includes technician)	$ 190/hr
GPR Equipment	$ 180/hr
Inclinometer	$ 100/hr
Hand Auger Equipment	$ 80/hr
Rebar Locator (Pachometer)	$ 25/hr
Vapor Emission Kit	$ 65/kit
Field Equipment	$ 12/hr
X-Ray Fluorescence	$ 70/hr
PID/FID	$ 25/hr
Air Sampling Pump	$ 10/hr
Field Vehicle	$ 15/hr
Expert Witness Testimony	$ 450/hr
Direct Expenses	Cost plus 15 %

Special equipment charges will be provided upon request.

Notes

For field and laboratory technicians and special inspectors, overtime rates at 1.5 times the regular rates will be charged for work performed in excess of 8 hours in one day Monday through Friday and all day on Saturday. Rates at twice the regular rates will be charged for all work in excess of 12 hours in one day, all day Sunday and on holidays.

Field technician and special inspection hours are charged at a 4-hour minimum, and 8-hour minimum for hours exceeding 4 hours.

Invoices are payable upon receipt. A service charge of 1.5 percent per month may be charged on accounts not paid within 30 days.

Our rates will be adjusted in conjunction with the increase in the Prevailing Wage Determination during the life of the project, as applicable.

KELSOE AND ASSOCIATES	
S-1 (Survey Technician)	$140
S-2 (Two Man Survey Party)	$215
PW-2 (Two Man Survey Party Prevailing Wage)	$245
PW-3 (Three Man Survey Party Prevailing Wage)	$325
PLS-1 (Professional Surveyor)	$170
HELIX ENVIRONMENTAL	
Principal Planner / Principal Biologist	$355
Senior Project Manager/ Senior Specialist III	$320
Senior Project Manager / Senior Specialist II	$280
Senior Project Manager / Senior Specialist I	$235
Environmental Project Manager III / Specialist V	$210
Environmental Project Manager II / Specialist IV	$195
Environmental Project Manager I / Specialist III	$180
Environmental Planner II / Specialist II / Operations Manager	$160
Environmental Planner I / Specialist I	$145
Office Assistant /Word Processor / Archaeology Monitor	$115
BALAN AND ASSOCIATES	
Principal	$415
Supervising Engineer (Grade VII)	$360
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Engineer (Grade IV)	$260
Field Inspector	$245
CAD Operator	$195
Lead Draftsperson	$165
Draftsperson	$140
Accountant	$185
Word Processing	$125
Office Person	$95
ALLIANCE OUTREACH	
Owner / LLC Manager	$292
Program Manager	$281
Associate	$222
Digital Content and Graphic Design Specialist	$211
Junior Associate	$205
Bi-Lingual Outreach Assistant	$199
Administrative / Clerical	$146
GPA	
Principal	$210
Project Director	$185
Project Architect	$165
Job Captain	$115
Designer / CAD	$100
Clerical	$80

LCI

Principal	$394.96
Senior Project Manager / Design Director	$308.38
Certified Irrigation Designer	$217.44
Senior Project Manager III	$224.14
Senior Project Manager II	$209.35
Senior Project Manager I	$209.35
Project Manager / Landscape Architect	$188.07
Design Staff	$105.94
Administration	$246.77

APPENDIX C
NON-COLLUSION AFFIDAVIT

The undersigned declares states and certifies that:

1. This Proposal is not made in the interest of, or on behalf of any undisclosed person, partnership, company, association, organization or corporation. This Proposal is genuine and not collusive or sham.

2. I have not directly or indirectly induced or solicited any other Proposer to put in a false or sham proposal and I have not directly or indirectly colluded, conspired, connived, or agreed with any other Proposer or anyone else to put in sham proposal or to refrain from submitting to this RFP.

3. I have not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the proposal price or to fix any overhead, profit or cost element of the proposal price or to secure any advantage against the City of Pico Rivera or of anyone interested in the proposed contract.

4. All statements contained in the Proposal and related documents are true.

5. I have not directly or indirectly submitted the proposal price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay any fee to any person, corporation, partnership, company, association, organization, RFP depository, or to any member or agent thereof to effectuate a collusive or sham proposal.

6. I have not entered into any arrangement or agreement with any City of Pico Rivera public officer in connection with this proposal.

7. I understand collusive bidding is a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards.

Signature of Authorized Representative

Zeki Kayiran
Name of Authorized Representative

President
Title of Authorized Representative

EXHIBIT B
APPROVED FEE SCHEDULE

(SCHEDULE OF HOURLY LABOR RATES AND REIMBURSABLE)

Rate Schedule

Labor Classification	Hourly Rate
Principal	$269
Principal Engineer	$269
Project Manager	$261
Project Engineer	$248
Senior Construction Manager	$247
QA/QC Manager	$247
Senior Engineer	$228
Construction Manager	$212
Senior Field Engineer / Inspector	$209
Field Engineer / Inspector	$184
Associate Engineer	$177
Staff Engineer	$157
Financial Analyst	$144
Senior Designer / Senior CADD Technician	$124
Designer / CADD Technician	$115
Assistant Engineer	$114
Engineering Technician	$105
Engineering Aide	$89
Office Support	$89
Data or Word Processing	$86

Subcontracted services will be marked up 10% in order to cover costs associated with administration, coordination and management of subcontractors. This schedule of rates is in effect until December 31, 2028, at which time it may be adjusted.

NINYO AND MOORE

Schedule of Fees for Laboratory Testing

SOILS

Atterberg Limits, D 4318, CT 204	$ 170
California Bearing Ratio (CBR), D 1883	$ 550
Chloride and Sulfate Content, CT 417 & CT 422	$ 175
Consolidation, D 2435, CT 219	$ 300
Consolidation, Hydro-Collapse only, D 2435	$ 150
Consolidation – Time Rate, D 2435, CT 219	$ 200
Direct Shear – Remolded, D 3080	$ 350
Direct Shear – Undisturbed, D 3080	$ 300
Durability Index, CT 229	$ 175
Expansion Index, D 4829, IBC 18-3	$ 190
Expansion Potential (Method A), D 4546	$ 170
Geofabric Tensile and Elongation Test, D 4632	$ 200
Hydraulic Conductivity, D 5084	$ 350
Hydrometer Analysis, D 6913, CT 203	$ 220
Moisture, Ash, & Organic Matter of Peat/Organic Soils	$ 120
Moisture Only, D 2216, CT 226	$ 35
Moisture and Density, D 2937	$ 45
Permeability, CH, D 2434, CT 220	$ 300
pH and Resistivity, CT 643	$ 175
Proctor Density D1557, D 698, CT 216, AASHTO T-180	$ 220
Proctor Density with Rock Correction D 1557	$ 340
R-value, D 2844, CT 301	$ 375
Sand Equivalent, D 2419, CT 217	$ 125
Sieve Analysis, D 6913, CT 202	$ 145
Sieve Analysis, 200 Wash, D 1140, CT 202	$ 100
Specific Gravity, D 854	$ 125
Thermal Resistivity (ASTM 5334, IEEE 442)	$ 925
Triaxial Shear, C.D, D 4767, T 297	$ 550
Triaxial Shear, C.U., w/pore pressure, D 4767, T 2297 per pt	$ 450
Triaxial Shear, C.U., w/o pore pressure, D 4767, T 2297 per pt	$ 350
Triaxial Shear, U.U., D 2850	$ 250
Unconfined Compression, D 2166, T 208	$ 180

MASONRY

Brick Absorption, 24-hour submersion, 5-hr boiling, 7-day, C 67	$ 70
Brick Compression Test, C 67	$ 55
Brick Efflorescence, C 67	$ 55
Brick Modulus of Rupture, C 67	$ 50
Brick Moisture as received, C 67	$ 45
Brick Saturation Coefficient, C 67	$ 60
Concrete Block Compression Test, 8x8x16, C 140	$ 70
Concrete Block Conformance Package, C 90	$ 500
Concrete Block Linear Shrinkage, C 426	$ 200
Concrete Block Unit Weight and Absorption, C 140	$ 70
Cores, Compression or Shear Bond, CA Code	$ 70
Masonry Grout, 3x3x6 prism compression, C 39	$ 45
Masonry Mortar, 2x2 cube compression, C 109	$ 35
Masonry Prism, half size, compression, C 1019	$ 120
Masonry Prism, Full size, compression, C 1019	$ 200

REINFORCING AND STRUCTURAL STEEL

Chemical Analysis, A 36, A 615	$ 135
Fireproofing Density Test, UBC 7-6	$ 90
Hardness Test, Rockwell, A 370	$ 80
High Strength Bolt, Nut & Washer Conformance, per assembly, A 325	$ 150
Mechanically Spliced Reinforcing Tensile Test, ACI	$ 175
Pre-Stress Strand (7 wire), A 416	$ 170
Reinforcing Tensile or Bend up to No. 11, A 615 & A 706	$ 75
Structural Steel Tensile Test: Up to 200,000 lbs., A 370	$ 90
Welded Reinforcing Tensile Test: Up to No. 11 bars, ACI	$ 80

CONCRETE

Compression Tests, 6x12 Cylinder, C 39	$ 35
Concrete Mix Design Review, Job Spec	$ 300
Concrete Mix Design, per Trial Batch, 6 cylinder, ACI	$ 850
Concrete Cores, Compression (excludes sampling), C 42	$ 120
Drying Shrinkage, C 157	$ 400
Flexural Test, C 78	$ 85
Flexural Test, C 293	$ 85
Flexural Test, CT 523	$ 95
Gunite/Shotcrete, Panels, 3 cut cores per panel and test, ACI	$ 275
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Ninyo & Moore | 2021 Laboratory Testing

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LCI

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Project Manager / Landscape Architect	$188.07
Design Staff	$105.94
Administration	$246.77

EXHIBIT C
TERMS FOR COMPLIANCE WITH CALIFORNIA LABOR LAW REQUIREMENTS

1. This Agreement calls for services that, in whole or in part, constitute "public works" as defined in Division 2, Part 7, Chapter 1 (commencing with Section 1720) of the California Labor Code ("Chapter 1"). Further, Consultant acknowledges that this Agreement is subject to (a) Chapter 1 and (b) the rules and regulations established by the Department of Industrial Relations ("DIR") implementing such statutes. Therefore, as to those Services that are "public works", Consultant shall comply with and be bound by all the terms, rules and regulations described in 1(a) and 1(b) as though set forth in full herein.

2. California law requires the inclusion of specific Labor Code provisions in certain contracts. The inclusion of such specific provisions below, whether or not required by California law, does not alter the meaning or scope of Section 1 above.

3. Consultant shall be registered with the Department of Industrial Relations in accordance with California Labor Code Section 1725.5, and has provided proof of registration to City prior to the Effective Date of this Agreement. Consultant shall not perform work with any subconsultant that is not registered with DIR pursuant to Section 1725.5. Consultant and subconsultants shall maintain their registration with the DIR in effect throughout the duration of this Agreement. If the Consultant or any subconsultant ceases to be registered with DIR at any time during the duration of the project, Consultant shall immediately notify City.

4. Pursuant to Labor Code Section 1771.4, Consultant's Services are subject to compliance monitoring and enforcement by DIR. Consultant shall post job site notices, as prescribed by DIR regulations.

5. Pursuant to Labor Code Section 1773.2, copies of the prevailing rate of per diem wages for each craft, classification, or type of worker needed to perform the Agreement are on file at City Hall and will be made available to any interested party on request. Consultant acknowledges receipt of a copy of the DIR determination of such prevailing rate of per diem wages, and Consultant shall post such rates at each job site covered by this Agreement.

6. Consultant shall comply with and be bound by the provisions of Labor Code Sections 1774 and 1775 concerning the payment of prevailing rates of wages to workers and the penalties for failure to pay prevailing wages. The Consultant shall, as a penalty to City, forfeit $200.00 for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the DIR for the work or craft in which the worker is employed for any public work done pursuant to this Agreement by Consultant or by any subconsultant.

7. Consultant shall comply with and be bound by the provisions of Labor Code Section 1776, which requires Consultant and each subconsultant to: keep accurate payroll records and verify such records in writing under penalty of perjury, as specified

in Section 1776; certify and make such payroll records available for inspection as provided by Section 1776; and inform City of the location of the records.

8. Consultant shall comply with and be bound by the provisions of Labor Code seq. concerning the employment of apprentices on public works projects. Consultant shall be responsible for compliance with these aforementioned Sections for all apprenticeable occupations. Prior to commencing work under this Agreement, Consultant shall provide City with a copy of the information submitted to any applicable apprenticeship program. Within 60 days after concluding work pursuant to this Agreement, Consultant and each of its subconsultants shall submit to City a verified statement of the journeyman and apprentice hours performed under this Agreement.

9. The Consultant shall not perform Work with any Subconsultant that has been debarred or suspended pursuant to California Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. The Consultant and Subconsultants shall not be debarred or suspended throughout the duration of this Contract pursuant to Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. If the Consultant or any subconsultant becomes debarred or suspended during the duration of the project, the Consultant shall immediately notify City.

10. Consultant acknowledges that eight hours labor constitutes a legal day's work. Consultant shall comply with and be bound by Labor Code Section 1810. Consultant shall comply with and be bound by the provisions of Labor Code Section 1813 concerning penalties for workers who work excess hours. The Consultant shall, as a penalty to City, forfeit $25.00 for each worker employed in the performance of this Agreement by the Consultant or by any subconsultant for each calendar day during which such worker is required or permitted to work more than eight hours in any one calendar day and 40 hours in any one calendar week in violation of the provisions of Division 2, Part 7, Chapter 1, Article 3 of the Labor Code. Pursuant to Labor Code section 1815, work performed by employees of Consultant in excess of eight hours per day, and 40 hours during any one week shall be permitted upon public work upon compensation for all hours worked in excess of eight hours per day at not less than one and one-half times the basic rate of pay.

11. California Labor Code Sections 1860 and 3700 provide that every employer will be required to secure the payment of compensation to its employees. In accordance with the provisions of California Labor Code Section 1861, Consultant hereby certifies as follows:

> "I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract."

12. For every subconsultant who will perform work on the project, Consultant shall be responsible for such subconsultant's compliance with Chapter 1 and Labor Code Sections 1860 and 3700, and Consultant shall include in the written contract between it and each subconsultant a copy of those statutory provisions and a requirement that each subconsultant shall comply with those statutory provisions. Consultant shall be required to take all actions necessary to enforce such contractual provisions and ensure subconsultant's compliance, including without limitation, conducting a periodic review of the certified payroll records of the subconsultant and upon becoming aware of the failure of the subconsultant to pay his or her workers the specified prevailing rate of wages. Consultant shall diligently take corrective action to halt or rectify any failure.

13. To the maximum extent permitted by law, Consultant shall indemnify, hold harmless and defend (at Consultant's expense with counsel reasonably acceptable to City) City, its officials, officers, employees, agents and independent consultants serving in the role of City officials, and volunteers from and against any demand or claim for damages, compensation, fines, penalties or other amounts arising out of or incidental to any acts or omissions listed above by any person or entity (including Consultant, its subconsultants, and each of their officials, officers, employees and agents) in connection with any work undertaken or in connection with the Agreement, including without limitation the payment of all consequential damages, attorneys' fees, and other related costs and expenses. All duties of Consultant under this Section shall survive the termination of the Agreement.

AGREEMENT NO. _____
PROFESSIONAL SERVICES AGREEMENT
BETWEEN THE CITY OF PICO RIVERA AND
ONWARD ENGINEERING

1. IDENTIFICATION

THIS PROFESSIONAL SERVICES AGREEMENT ("Agreement") is entered into by and between the City of Pico Rivera, a California municipal corporation ("City") and Onward Engineering, ("Consultant"). City and Consultant are sometimes hereinafter individually referred to as a "Party" and collectively referred to as "Parties."

2. RECITALS

2.1 City has determined that it requires professional services from a consultant to provide on-call engineering services.

2.2 Consultant represents that it is fully qualified to perform such professional services by virtue of its experience and the training, education and expertise of its principals and employees. Consultant further represents that it is willing to accept responsibility for performing such services in accordance with the terms and conditions set forth in this Agreement.

NOW, THEREFORE, for and in consideration of the performance by the Parties of the mutual covenants and conditions herein contained, the Parties hereto agree as follows:

3. DEFINITIONS

3.1 "Scope of Services": Such professional services as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "A" and incorporated herein by this reference.

3.2 "Approved Fee Schedule": Such compensation rates as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "B."

3.3 "Commencement Date" : April 23, 2024

3.4 "Expiration Date" : June 30, 2029

4. TERM

The term of this Agreement shall commence at 12:00 a.m. on the Commencement Date and shall expire at 11:59 p.m. on the Expiration Date unless extended by written agreement of the Parties or terminated in accordance with Section 22 below.

5. CONSULTANT'S SERVICES

5.1 Consultant shall perform the services identified in the Scope of Services. City shall have the right to request, in writing, changes in the Scope of Services. Any such changes mutually agreed upon by the Parties, and any corresponding increase or decrease in compensation, shall be incorporated by written amendment to this Agreement. In no event shall the total compensation and costs payable to Consultant under this Agreement exceed the sum of Two Million Five Hundred Thousand Dollars ($2,500,000.00), unless specifically approved in advance, in writing, by City.

5.2 Consultant shall perform all work to the highest professional standards of Consultant's profession and in a manner reasonably satisfactory to City.

6. COMPENSATION

6.1 City agrees to compensate Consultant for the services provided under this Agreement, and Consultant agrees to accept in full satisfaction for such services, payment in accordance with the Approved Fee Schedule.

6.2 Consultant shall submit to City an invoice, on a monthly basis or less frequently, for the services performed pursuant to this Agreement. Each invoice shall itemize the services rendered during the billing period and the amount due. Within ten (10) business days of receipt of each invoice, City shall notify Consultant in writing of any disputed amounts included on the invoice. Within thirty (30) calendar days of receipt of each invoice, City shall pay all undisputed amounts included on the invoice. City shall not withhold applicable taxes or other authorized deductions from payments made to Consultant.

6.3 Payments for any services requested in writing by City and not included in the Scope of Services shall be made to Consultant by City on a time-and-materials basis using Consultant's standard fee schedule. Fees for such additional services shall be paid within sixty (60) days of the date Consultant issues an invoice to City for such services.

7. BUSINESS LICENSE

Consultant shall obtain a City of Pico Rivera business license prior to commencing performance under this Agreement.

8. COMPLIANCE WITH LAWS

Consultant shall keep informed of State, Federal and Local laws, ordinances, codes and regulations that in any manner affect those employed by it or in any way affect the performance of its services pursuant to this Agreement. Consultant shall at all times comply with such laws, ordinances, codes and regulations. Without limiting the generality

of the foregoing, if Consultant is an out-of-state corporation or LLC, it must be qualified and registered to do business in the State of California pursuant to sections 2105 and 17708.02 of the California Corporations Code. The City, its officers and employees shall not be liable at law or in equity occasioned by failure of Consultant to comply with this Section.

9. CONFLICT OF INTEREST

Consultant covenants that it presently has no interest and shall not acquire any interest, direct or indirect, which may be affected by the services to be performed by Consultant under this Agreement, or which would conflict in any manner with the performance of its services hereunder. During the term of this Agreement, Consultant shall not perform any work for another person or entity for whom Consultant was not working at the Commencement Date of this Agreement if both: (i) such work would require Consultant to abstain from a decision under this Agreement pursuant to a conflict of interest statute; and (ii) City has not consented in writing prior to Consultant's performance of such work.

10. PERSONNEL

Consultant represents that it has, or will secure at its own expense, all personnel required to perform the services identified in the Scope of Services. All such services shall be performed by Consultant or under its supervision, and all personnel engaged in the work shall be qualified to perform such services. Consultant reserves the right to determine the assignment of its own employees to the performance of Consultant's services under this Agreement, but City reserves the right, for good cause, to require Consultant to exclude any employee from performing services on City's premises. Muhammad Ataya, Vice President, shall be Consultant's project administrator and shall have direct responsibility for management of Consultant's performance under this Agreement. No change shall be made to Consultant's project administrator without City's prior written consent.

11. OWNERSHIP OF WRITTEN PRODUCTS

All reports, documents or other written material ("written products") developed by Consultant in the performance of this Agreement shall be and remain the property of City without restriction or limitation upon its use or dissemination by City. Consultant may take and retain copies of such written products as desired, but no such written products shall be the subject of a copyright application by Consultant. If any state, federal, or local law requires mandatory copyright protection for Consultant's work product, City shall comply with such laws to the extent feasible.

12. INDEPENDENT CONSULTANT

12.1 Consultant is, and shall at all times remain as to City, a wholly independent consultant. Consultant shall have no power to incur any debt, obligation, or liability on behalf of City or otherwise to act on behalf of City as an agent. Neither City nor any of its officers, employees or agents shall have control over the conduct of Consultant or any of Consultant's employees, except as set forth in this Agreement. Consultant shall not at any time represent that it is, or that any of its agents or employees are, in any manner employees of City.

12.2 The Parties further acknowledge and agree that nothing in this Agreement shall create or be construed to create a partnership, joint venture, employment relationship, joint-employer relationship, or any other relationship between Consultant or Consultant's employees except as set forth in this Agreement.

12.3 City shall have no direct or indirect control over Consultant's employees or sub-consultants with respect to wages, hours, and working conditions. In addition, City shall not deduct from the Compensation paid to Consultant any sums required for Social Security, withholding taxes, FICA, state disability insurance or any other federal, state or local tax or charge which may or may not be in effect or hereinafter enacted or required as a charge or withholding on the compensation paid to Consultant, Consultant's employees or subconsultants. City shall have no responsibility to provide Consultant, its employees or subconsultants with workers' compensation insurance or any other insurance.

12.4 The Parties further acknowledges the following: (i) that Consultant shall provide the services outlined in the Scope of Services directly to City; (ii) Consultant maintains a business location at the address listed under Section 20 that is separate and distinct from the City; (iii) Consultant contracts with other businesses to provide the same or similar services and maintains a clientele without restriction from the City; (iv) Consultant advertises and holds itself out to the public as available to provide the same or similar services; (v) unless otherwise specified in this Agreement, Consultant provides its own tools, vehicles, and equipment necessary for performing the Scope of Services; (vi) Consultant has proposed and negotiated its own rates; and (vii) consistent with the nature and demands of the project and the City's business hours, Consultant may set its own hours and location of work.

13. CONFIDENTIALITY

All data, documents, discussion, or other information developed or received by Consultant or provided for performance of this Agreement are deemed confidential and shall not be disclosed by Consultant without prior written consent by City. City shall grant such consent if disclosure is legally required. Upon request, all City data and any copies thereof shall be returned to City upon the termination or expiration of this Agreement.

14. NON-LIABILITY OF CITY OFFICIALS AND EMPLOYEES

No official or employee of the City shall be personally liable to Consultant in the event of any default or breach by City, or for any amount which may become due to Consultant.

15. INDEMNIFICATION

15.1 The Parties agree that City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers should, to the extent permitted by law, be fully protected from any loss, injury, damage, claim, lawsuit, cost, expense, attorneys' fees, litigation costs, or any other cost arising out of or in any way related to the performance of this Agreement. Accordingly, the provisions of this indemnity provision are intended by the Parties to be interpreted and construed to provide the fullest protection possible under the law to City. Consultant acknowledges that City would not enter into this Agreement in the absence of Consultant's commitment to indemnify and protect City as set forth herein. Notwithstanding the foregoing, to the extent Consultant's services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.2 To the full extent permitted by law, Consultant shall indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant or any of its officers, employees, servants, agents, or subconsultants in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees. Notwithstanding the foregoing, to the extent Consultant's Services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.3 City shall have the right to offset against the amount of any compensation due Consultant under this Agreement any amount due to City from Consultant as a result of Consultant's failure to pay City promptly any indemnification arising under this Section 15 or related to Consultant's failure to either: (i) pay taxes on amounts received pursuant to this Agreement or (ii) comply with applicable workers' compensation laws.

15.4 The obligations of Consultant under this Section 15 will not be limited by the provisions of any workers' compensation act or similar act. Consultant expressly waives

its statutory immunity under such statutes or laws as to City, its officers, agents, employees and volunteers.

15.5 Consultant agrees to obtain executed indemnity agreements with provisions identical to those set forth here in this Section 15 from each and every subconsultant or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. In the event Consultant fails to obtain such indemnity obligations from others as required herein, Consultant agrees to be fully responsible and indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant's subconsultants or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees.

15.6 City does not, and shall not, waive any rights that it may possess against Consultant because of the acceptance by City, or the deposit with City, of any insurance policy or certificate required pursuant to this Agreement. This hold harmless and indemnification provision shall apply regardless of whether or not any insurance policies are determined to be applicable to the claim, demand, damage, liability, loss, cost or expense.

15.7 **PERS ELIGIBILITY INDEMNITY.** In the event that Consultant or any employee, agent, or subconsultant of Consultant providing services under this Agreement claims or is determined by a court of competent jurisdiction or the California Public Employees Retirement System (PERS) to be eligible for enrollment in PERS as an employee of the City, Consultant shall indemnify, defend, and hold harmless City for the payment of any employee and/or employer contributions for PERS benefits on behalf of Consultant or its employees, agents, or subconsultants, as well as for the payment of any penalties and interest on such contributions, which would otherwise be the responsibility of City.

Notwithstanding any other agency, state or federal policy, rule, regulation, law or ordinance to the contrary, Consultant and any of its employees, agents, and subconsultants providing service under this Agreement shall not qualify for or become entitled to, and hereby agree to waive any claims to, any compensation, benefit, or any incident of employment by City, including but not limited to eligibility to enroll in PERS as an employee of City and entitlement to any contribution to be paid by City for employer contribution and/or employee contributions for PERS benefits.

16. INSURANCE

16.1 During the term of this Agreement, Consultant shall carry, maintain, and keep in full force and effect insurance against claims for death or injuries to persons or damages to property that may arise from or in connection with Consultant's performance of this Agreement. Such insurance shall be of the types and in the amounts as set forth below:

16.1.1 Comprehensive general liability, and Umbrella or Excess Liability Insurance covering all operations by or on behalf of Consultant providing insurance for bodily injury liability and property damage liability for the following and including coverage for:

16.1.1.1 Premises, operations, and mobile equipment

16.1.1.2 Products and completed operations

16.1.1.3 Broad form property damage (including completed operations)

16.1.1.4 Explosion, collapse, and underground hazards

16.1.1.5 Personal Injury

16.1.1.6 Contractual liability

in the amount of One Million Dollars ($1,000,000) per occurrence combined single limit; Two Million Dollars ($2,000,000) aggregate for products/completed operation; Two Million Dollars ($2,000,000) general aggregate (General aggregate must apply separately to Consultant's work under this Agreement.); and Five Million Dollars ($5,000,000) umbrella or excess liability.

16.1.2 Automobile Liability Insurance for owned, hired and non-owned vehicles utilized by Consultant, its employees or subconsultants, in the amount of One Million Dollars ($1,000,000) per accident for bodily injury and property damage.

16.1.3 Worker's Compensation Insurance as required by the laws of the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than One Million Dollars ($1,000,000) per accident for bodily injury or disease.

16.1.4 Professional Liability Insurance against errors and omissions in the performance of the work under this Agreement with coverage limits of not less than One Million Dollars ($1,000,000) per occurrence of claim/ Two Million Dollars ($2,000,000) in the aggregate.

16.2 Consultant shall require each of its subconsultants, if any, to maintain insurance coverage that meets all of the requirements of this Agreement.

16.3 The policy or policies required by this Agreement shall be issued by an insurer admitted in the State of California and with a rating of at least A:VII in the latest edition of Best's Insurance Guide.

16.4 Consultant agrees that if it does not keep the aforesaid insurance in full force and effect City may either: (i) immediately terminate this Agreement; or (ii) take out the necessary insurance and pay, at Consultant's expense, the premium thereon.

16.5 At all times during the term of this Agreement, Consultant shall maintain on file with City's Risk Manager a certificate or certificates of insurance showing that the aforesaid policies are in effect in the required amounts and, for the general liability and automobile liability policies, naming the City as an additional insured. Consultant shall, prior to commencement of work under this Agreement, file with City's Risk Manager such certificate(s).

16.6 Consultant shall provide proof that policies of insurance required herein expiring during the term of this Agreement have been renewed or replaced with other policies providing at least the same coverage. Consultant shall provide such proof to City at least two weeks prior to the expiration of the coverages.

16.7 The general liability and automobile policies of insurance required by this Agreement shall contain an endorsement naming City, its officers, employees, agents and volunteers as additional insureds. All of the policies required under this Agreement shall contain an endorsement providing that the policies cannot be canceled or reduced except on thirty days' prior written notice to City. Consultant agrees to require its insurer to modify the certificates of insurance to delete any exculpatory wording stating that failure of the insurer to mail written notice of cancellation imposes no obligation, and to delete the word "endeavor" with regard to any notice provisions.

16.8 The general liability and automobile policies of insurance provided by Consultant shall be primary to any coverage available to City. Any insurance or self-insurance maintained by City, its officers, employees, agents or volunteers, shall be in excess of Consultant's insurance and shall not contribute with it.

16.9 All insurance coverage provided pursuant to this Agreement shall not prohibit Consultant, and Consultant's employees, agents or subconsultants, from waiving the right of subrogation prior to a loss. Consultant hereby waives all rights of subrogation against the City.

16.10 Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of City, Consultant shall either reduce or eliminate the deductibles or self-insured retentions with respect to City, or Consultant shall procure a bond guaranteeing payment of losses and expenses.

16.11 Procurement of insurance by Consultant shall not be construed as a limitation of Consultant's liability or as full performance of Consultant's duties to indemnify, hold harmless and defend under Section 15 of this Agreement.

16.12 If Consultant maintains broader coverage and/or higher limits than the minimums shown above, the City requires and shall be entitled to the broader coverage and/or the higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

17. MUTUAL COOPERATION

17.1 City shall provide Consultant with all pertinent data, documents and other requested information as is reasonably available to City for the proper performance of Consultant's services under this Agreement.

17.2 In the event any claim or action is brought against City relating to Consultant's performance in connection with this Agreement, Consultant shall render any reasonable assistance that City may require.

18. RECORDS AND INSPECTIONS

Consultant shall maintain full and accurate records with respect to all matters covered under this Agreement for a period of three years after the expiration or termination of this Agreement. City shall have the right to access and examine such records, without charge, during normal business hours. City shall further have the right to audit such records, to make transcripts therefrom and to inspect all program data, documents, proceedings, and activities.

19. PERMITS AND APPROVALS

Consultant shall obtain, at its sole cost and expense, all permits and regulatory approvals necessary in the performance of this Agreement. This includes, but shall not be limited to, encroachment permits and building and safety permits and inspections.

20. NOTICES

Any notices, bills, invoices, or reports required by this Agreement shall be deemed received on: (i) the day of delivery if delivered by hand, facsimile, email, or overnight courier service during Consultant's and City's regular business hours; or (ii) on the third business day following deposit in the United States mail if delivered by mail, postage prepaid, to the addresses listed below (or to such other addresses as the Parties may, from time to time, designate in writing).

If to City:

Steve Carmona, City Manager
City of Pico Rivera
PO Box 1016
6615 Passons Blvd.
Pico Rivera, California 90660-1016

If to Consultant:

Muhammad Ataya, Vice President
Onward Engineering
300 South Harbor Blvd, Suite 814
Anaheim, CA 92805

With a courtesy copy to:

Arnold M. Alvarez-Glasman, City Attorney
13181 Crossroads Parkway North
Suite 400 - West Tower
City of Industry, CA 91746

21. SURVIVING COVENANTS

The Parties agree that the covenants contained in Sections 13, 15 and Paragraph 17.2 of Section 17, of this Agreement shall survive the expiration or termination of this Agreement.

22. TERMINATION

22.1 City shall have the right to terminate this Agreement for any reason on five (5) calendar days' written notice to Consultant. Consultant shall have the right to terminate this Agreement for any reason on sixty (60) calendar days' written notice to City. The effective date of termination shall be upon the date specified in the notice of termination. Consultant agrees that in the event of such termination, City's obligation to pay Consultant shall be limited to payment only for those services satisfactorily rendered, as solely determined by the City, prior to the effective date of termination. Consultant agrees to cease all work under this Agreement on or before the effective date of any notice of termination. All City data, documents, objects, materials or other tangible things shall be returned to City upon the termination or expiration of this Agreement.

22.2 If City terminates this Agreement due to no fault or failure of performance by Consultant, then Consultant shall be paid based on the work satisfactorily performed, as solely determined by the City, at the time of termination. In no event shall Consultant be entitled to receive more than the amount that would be paid to Consultant for the full performance of the services required by this Agreement.

23. ASSIGNMENT

Consultant shall not delegate, transfer, subcontract or assign its duties or rights hereunder, either in whole or in part, without City's prior written consent, and any attempt

to do so shall be void and of no effect. City shall not be obligated or liable under this Agreement to any Party other than Consultant.

24. NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY

24.1 In the performance of this Agreement, Consultant shall not discriminate against any employee, subconsultant, or employment applicant because of race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation. Consultant will take affirmative action to ensure that subconsultants, employees, and employment applicants are treated without regard to their race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.2 Consultant will, in all solicitations or advertisements for employees placed by or on behalf of Consultant state either that it is an equal opportunity employer or that all qualified applicants will receive consideration for employment without regard to race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.3 Consultant will cause the foregoing provisions to be inserted in all subcontracts for any work covered by this Agreement except contracts or subcontracts for standard commercial supplies or raw materials.

25. WARRANTIES

25.1 Each Party has received independent legal advice from its attorneys with respect to the advisability of entering into and executing this Agreement, or been provided with an opportunity to receive independent legal advice and has freely and voluntarily waived and relinquished the right to do so. Each Party who has not obtained independent counsel acknowledges that the failure to have independent legal counsel will not excuse such Party's failure to perform under this Agreement.

25.2 In executing this Agreement, each Party has carefully read this Agreement, knows the contents thereof, and has relied solely on the statements expressly set forth herein and has placed no reliance whatsoever on any statement, representation, or promise of any other party, or any other person or entity, not expressly set forth herein, nor upon the failure of any other party or any other person or entity to make any statement, representation or disclosure of any matter whatsoever.

25.3 It is agreed that each Party has the full right and authority to enter into this Agreement, and that the person executing this Agreement on behalf of either Party has the full right and authority to fully commit and bind such Party to the provisions of this Agreement.

26. CAPTIONS

26.1 The captions appearing at the commencement of the sections hereof, and in any paragraph thereof, are descriptive only and for convenience in reference to this Agreement. Should there be any conflict between such heading, and the section or paragraph thereof at the head of which it appears, the section or paragraph thereof, as the case may be, and not such heading, shall control and govern in the construction of this Agreement.

26.2 Masculine or feminine pronouns shall be substituted for the neuter form and vice versa, and the plural shall be substituted for the singular form and vice versa, in any place or places herein in which the context requires such substitution(s).

27. NON-WAIVER

27.1 The waiver by City or Consultant of any breach of any term, covenant or condition herein contained shall not be deemed to be a waiver of such term, covenant or condition or of any subsequent breach of the same or any other term, covenant or condition herein contained. In no event shall the making by City of any payment to Consultant constitute or be construed as a waiver by City of any breach of covenant, or any default which may then exist on the part of Consultant, and the making of any such payment by City shall in no way impair or prejudice any right or remedy available to City with regard to such breach or default. No term, covenant or condition of this Agreement shall be deemed to have been waived by City or Consultant unless in writing.

27.2 Each right, power and remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise shall be cumulative and shall be in addition to every other right, power, or remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise. The exercise, the commencement of the exercise, or the forbearance of the exercise by any Party of any one or more of such rights, powers or remedies shall not preclude the simultaneous or later exercise by such Party of any of all of such other rights, powers or remedies.

27.3 Consultant shall not be liable for any failure to perform if Consultant presents acceptable evidence, in City's sole judgment, that such failure was due to causes beyond the control and without the fault or negligence of Consultant.

28. COURT COSTS AND ATTORNEY FEES

In the event legal action shall be necessary to enforce any term, covenant or condition herein contained, the Party prevailing in such action, whether reduced to judgment or not, shall be entitled to its reasonable court costs, including accountants' fees and expert witness fees, if any, and attorneys' fees expended in such action. The venue for any litigation shall be Los Angeles County, California.

29. SEVERABILITY

If any term or provision of this Agreement or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable, then such term or provision shall be amended to, and solely to, the extent necessary to cure such invalidity or unenforceability, and in its amended form shall be enforceable. In such event, the remainder of this Agreement, or the application of such term or provision to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby, and each term and provision of this Agreement shall be valid and be enforced to the fullest extent permitted by law.

30. GOVERNING LAW

This Agreement shall be governed and construed in accordance with the laws of the State of California.

31. COUNTERPARTS

This Agreement may be signed in any one or more counterparts all of which taken together shall be but one and the same Agreement. Any signed copy of this Agreement or of any other document or agreement referred to herein, or copy or counterpart thereof, delivered by facsimile or email transmission, shall for all purposes be treated as if it were delivered containing an original manual signature of the Party whose signature appears in the facsimile or email and shall be binding upon such Party in the same manner as though an originally signed copy had been delivered.

32. ENTIRE AGREEMENT

All documents referenced as exhibits in this Agreement are hereby incorporated in this Agreement. In the event of any material discrepancy between the express provisions of this Agreement and the provisions of any document incorporated herein by reference, the provisions of this Agreement shall prevail. This instrument contains the entire Agreement between City and Consultant with respect to the transactions contemplated herein. No other prior oral or written agreements are binding upon the Parties. Amendments hereto or deviations herefrom shall be effective and binding only if made in writing and executed by City and Consultant.

[This space is intentionally left blank]

TO EFFECTUATE THIS AGREEMENT, the Parties have caused their duly authorized representatives to execute this Agreement on the dates set forth below.

"CITY" CITY OF PICO RIVERA	"CONSULTANT" ONWARD ENGINEERING
_____ Andrew C. Lara, Mayor	_____ Muhammad Ataya, Vice President
Dated: _____	Dated: _____
ATTEST:	**APPROVED AS TO FORM:**
_____ Cynthia Ayala, City Clerk	_____ Arnold M. Alvarez-Glasman, City Attorney

EXHIBIT A
SCOPE OF SERVICES

ONWARD ENGINEERING
design smarter. build better.
300 S. Harbor Boulevard,
Suite 814, Anaheim, CA 92805
www.oe-eng.com

PROPOSAL FOR ON-CALL ENGINEERING SERVICES

TO THE CITY OF

PICO RIVERA

Noe Negrete, P.E.
Director of Public Works
City of Pico Rivera
6615 Passons Blvd.
Pico Rivera, CA 90670-3658

SECTION

A

LETTER OF OFFER

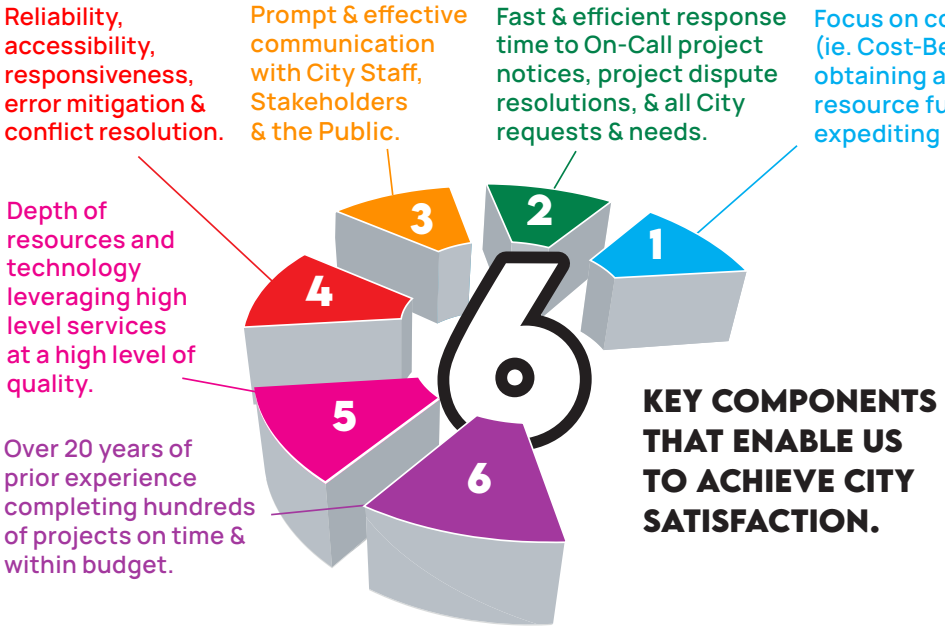
ONWARD ENGINEERING
design smarter. build better.
300 South Harbor Boulevard
Suite 814, Anaheim, CA 92805
(714)533.3050 | oe-eng.com
Federal Tax ID: #80-0101723

Noe Negrete, PE, Director of Public Works
City of Pico Rivera
6615 Passons Blvd. Pico Rivera, CA 90660

February 14th, 2024

SUBJECT: PROPOSAL FOR ON-CALL ENGINEERING SERVICES

Onward Engineering (OE) is pleased to submit our qualifications to the City of Pico Rivera to provide On-Call Engineering Services for various CIP Projects. OE has been providing professional engineering and design services since 2004 on variety of projects. In fact, OE provided services to the City of Pico Rivera on the ***Rosemead Boulevard Rehabilitation Project*** and the ***Telegraph Road Median Improvements and Rehabilitation Project***. Additionally, OE has provided consulting services to many nearby Southern California cities including Downey, Santa Fe Springs, Commerce, Norwalk, El Monte, Long Beach, Lake Forest, Manhattan Beach, and La Mirada.



I would like to thank the City of Pico Rivera for the opportunity to submit our qualifications. I will be the Primary Contact and the individual authorized to execute legal documents on behalf of OE for the duration of this agreement. This proposal will remain valid for not less than 90 calendar days from the date of submittal. OE acknowledges its obligations to all addendas to this RFP. All information submitted with this proposal is true and correct. OE holds NO EXCEPTIONS to the City's Contract Services Agreement and Scope of Work. If you have any questions, please feel free to contact me at: (714) 533-3050, or by email at: muataya@oe-eng.com. We look forward to a successful relationship with the City of Pico Rivera and we thank you for the opportunity to serve you and your City.

Thank you,

Muhammad Ataya, MPA - VP, Onward Engineering

SECTION

B

QUALIFICATIONS OF THE FIRM

FIRM PROFILE

ONWARD ENGINEERING

FEDERAL TAX ID
#80-0101723

DIR
#PW-LR-1000382841

AUTHORIZED REPRESENTATIVE:
Majdi Ataya, PE, Principal
mataya@oe-eng.com
714-533-3050

LEGAL NAME & ADDRESS
Onward Engineering
300 S. Harbor Blvd.
Suite 814, Anaheim, CA 92805
(714) 533.3050 | mataya@oe-eng.com

FIRM DETAILS
California Secretary of State business entity number: C2640309

PROFESSIONAL SERVICES
DESIGN Engineering
PROJECT Management
CONSTRUCTION Management
CONSTRUCTION Inspection
STAFF Augmentation
PLAN Check

FIRM HISTORY
Incorporated Year **2004** as a "**C**" Corporation in the state of CA. **20** Years in business **32** Employees

MISSION STATEMENT
At Onward Engineering (OE), our mission is to set a new standard of excellence in consulting services for our clients, ultimately enhancing the quality of life in the communities we serve.

FIRM FINANCIAL STABILITY

Onward Engineering has a stable financial history. The Firm has the financial stability and depth of resources to provide successful completion of its assignments. Onward Engineering does not have any conditions – including bankruptcy, planned office closures, pending claims or litigations, or impending mergers – that would impede its ability to perform on any of its assigned projects.

PICO RIVERA PROJECT EXPERIENCE

ROSEMEAD BOULEVARD REHABILITATION PROJECT

OE provided construction management services to the City of Pico Rivera for the Rosemead Boulevard Rehabilitation Project, funded by STPL-L, SAFETEA-LU, Demo TEA-21, and Proposition C funds. Rosemead Boulevard is a key north-south corridor in the City that services over 30,000 vehicles per day. In addition, Rosemead serves as an access point to the I-5 and crosses two railroad track crossings within the project limits. During OE's preliminary field survey, it was noted that pavement conditions were significantly worse between Telegraph Road and Slauson Avenue. The scope of work included 46,700 SF of localized AC R&R, cold milling and ARHM overlay,

decorative rocks in the median islands, 1,975 SF of driveway approaches, 13,100 SF of sidewalk, and 655 LF of curb and gutter. The project also entailed upgrading 19 ramps to ADA compliance, installing 24 traffic loops, and signage and traffic striping. OE has a thorough knowledge of Caltrans' LAPM, and was able to effectively manage the necessary documentation and filings to ensure project funding.

TELEGRAPH ROAD MEDIAN IMPROVEMENTS & REHABILITATION

OE provided Construction Management & Inspection Services to the City of Pico Rivera on the Telegraph Road Landscape Median Improvements Project. The project limits were on Telegraph Road, between Rosemead Boulevard and Passons Boulevard and on Rosemead Boulevard between Telegraph Road and Vista Del Rosa. This high profile project was funded by the Federal Highway Safety Improvement Program (HSIP) and Proposition C. A portion of the project limits were in the City of Downey, and multi-agency coordination was essential for the successful completion of the project. Telegraph Road is a major residential and commercial thoroughfare running east-west. The roadway rehabilitation comprised of reconstruction of heavily deteriorated areas, including the Telegraph Road and Lindell Avenue intersection. The work also included a 2.5" grind and ARHM overlay. The project also called for curb and gutter, sidewalk, curb ramps, and landscape median improvements. The landscape component entailed fine grading, automatic irrigation installation, constructing a moisture barrier, and placement of over 16,000 tons of mulch, nearly 2,000 shrubs, 85 trees, and 50 brown trunk palms. This project was hailed as a landmark project for the City, and a ribbon cutting ceremony was held to celebrate the completion of work.

LIST OF PREVIOUS PROJECTS

OE was the primary consultant in all of the below listed projects:

PROJECT WORKS KEY

247TH STREET AREA WATER MAIN REPLACEMENT PROJECT

Mondher Saied, PE, Sr. Civil Engineer, (310)325-7110 x110, msaied@lomitacity.com
24300 Narbonne Avenue, Lomita, CA 90717

OE provided Design Engineering services to The City of Lomita for the 247th Street Area Water Main Replacement Project. The project limits were on 246th Street, 247th Place, 248th Street, Western Avenue and Lomita Boulevard and involved the installation of 3,300 linear feet of new 6-inch PVC water mains to provide improved flow, pressure, and fire protection. The existing 4-inch/6-inch water main systems were constructed between 1928 and 1930 and had exceeded its useful service life. The proposed water main was installed parallel to the existing main while keeping the old line in service to minimize downtime for the public. All fire hydrants, service laterals, valves, blow-offs, air release valves, and other associated water appurtenances were replaced, and sectional pavement, curb gutter and sidewalk were removed and reconstructed according to ADA standards and drainage patterns. Encroachment permits from Caltrans and the City of Los Angeles within their jurisdictions were secured. Funding was acquired from the City's CIP Program & FEMA Hazard Mitigation Grant Program.

FY 2022-23 ANNUAL PAVEMENT REHABILITATION, PHASES 1-4

Michelle Chapman, PE, Sr. Civil Engineer, (562)567-9500, mchapman@cityofwhittier.org
13230 Penn Street, Whittier, California 90602

OE provided the City of Whittier with Engineering Design services through 4 phases of their Annual Pavement Rehabilitation Project. The project purpose was to rehabilitate approximately 49,000 linear feet (9.3 miles) of 46 streets with a variety of slurry and cape seal, and grind and overlay in order to achieve an extended pavement service life while minimizing future maintenance needs, improve safety and enhance aesthetics. The required work involved pavement, curb, gutter and sidewalk repair and rehabilitation, reconstructing 62 ADA curb ramps (52 with missing truncated domes), replacing 9 cross gutters, utility appurtenance adjusting and relocating, and signing and striping. The project also required Caltrans Encroachment Permits for streets around Whittier Boulevard, and permits for the Union Pacific Railroad (UPRR) due to street proximity to the right-of-way on the southwest end. OE's in-house Laser Scanner was utilized to capture visible indications of surface utilities, trees, utility poles, luminaries, fencing, walls, sidewalks, hardscape, signs, and edge of pavement lying within the ramp locations, as well as lip of gutter, flow-line, top of curb, and back of walk elevations were documented. The survey also extended beyond the ramp's BCRs/ECRs to ensure proper tie-in to the existing infrastructure.

LAKE FOREST DRIVE RESURFACING - BAKE PKWY. TO I-5 FRWY.

Dennis Jue, Deputy City Engineer, (949) 461-3488, djue@lakeforestca.gov
100 Civic Center Drive, Lake Forest, CA 92630

OE prepared full design plans, specifications and estimates (PS&E) for this roadway resurfacing project located at Lake Forest Drive, between Bake Parkway and the I-5 freeway. The project design plans were to be phased in order for the construction to be distributed into three phases as funding permitted. Along the approximately 5.5 mile stretch of road within the project limits, the phases required the construction of 152 ADA ramps and 22 ADA driveways in total and 7,105 linear feet of median curb height construction, along with the construction of bus pads, curb gutter and sidewalk repairs, and signing and striping replacement. The main objective was to improve the PCI of the street segments following our team's professional assessment of the existing pavement conditions in order to extend the street service life, improve safety by upgrading to safer streets with better ride quality and pedestrian access, minimize future maintenance costs and enhance aesthetics. This project was funded through Measure M2, SB1 and Infrastructure Reserves Funds.

CITYWIDE ADA CURB RAMPS & PATH OF TRAVEL PEDESTRIAN ACCESSIBILITY IMPROVEMENT

Keith Hoey, PE, Senior Civil Engineer, (562) 570-6586 , keith.hoey@longbeach.gov
411 West Ocean Boulevard, 5th Floor, Long Beach, CA. 90802

OE is providing Design Engineering services to the City of Long Beach. The objective of the project is to design and construct at least 20,000 new ADA compliant curb ramps over the next 20 years in accordance with current State and Federal accessibility codes and standards. The project is to complete 1,000 of those ramps deemed most critical for accessibility. OE's team utilizes AutoCAD Civil 3D on 3D surfaces for the designs in compliance with the Long Beach Standard Plan No. 122 in order to satisfy the maximum allowable slopes dictated in the most current version of Caltrans Standard Plan A88A, and has had to consider other accessibility standards due to occasional

unavailability of a suitable ramp case and type. The project work entailed the preparation of detailed individual curb ramp construction plans with the inclusion of horizontal geometrics, design elevations and dimensions, and utility appurtenance adjustments and relocations, along with concrete infrastructure such as curb, gutter, cross-gutters, and sidewalk. The necessary reconstruction was incorporated in order to accommodate the new curb ramps, meet accessibility requirements, and maintain drainage. Additional design elements have also required consideration, which involve constructing 32"x54" size flat landings next to each pedestrian push-button at signalized intersections and installing guardrails where retaining curbs adjoin walkable hard surfaces. Due to the large volume of ramps reconstructed each year, small batches of design details and construction of the ramps are being provided to the City at regular intervals through out a continuous process, with City submittals made monthly at a scaled frequency and quality.

The City of MANHATTAN BEACH

MANHATTAN BEACH & SEPULVEDA BOULEVARD WIDENING

Prem Kumar, City Engineer, (310) 802-5300, pkumar@citymb.info
3621 Bell Avenue, Manhattan Beach, CA. 90266

OE provided design engineering services to the City of Manhattan Beach. The proposed project limits include the intersection of Manhattan Beach Boulevard and Sepulveda Boulevard to accommodate dual left turn lanes in the northbound to westbound, eastbound to southbound, and westbound to northbound directions. The City of Lawndale is east of the project area, the City of Redondo Beach is south of the intersection, El Segundo sits to the north, and the Pacific Ocean to the west. Commercial businesses can be found throughout the project limits. The purpose of the project was to increase the operational capabilities of the intersection. This was accomplished by adding dual left turn lanes to the westbound, northbound and eastbound lanes. Northbound and southbound Sepulveda will have five travel lanes; two left turn lanes, and three through lanes. Eastbound and Westbound Manhattan Beach Boulevard will have five travel lanes; two left turn lanes, two through lanes and one dedicated right turn lane.

The City of REDONDO BEACH

INGLEWOOD AVE. AT MANHATTAN BEACH BLVD. STREET WIDENING

Didar Khandker, PE, MSCE, Associate Civil Engineer, (310) 318-0661 x2456,
didar.khandker@redondo.org, 415 Diamond Street Redondo Beach, CA 90277

OE provided full design engineering services for the City of Redondo Beach. In addition to design engineering services, OE had assembled a team that completed environmental analyses and right-of-way appraisal and acquisition services. The proposed project limits included the intersection of Inglewood Avenue and Manhattan Beach Boulevard. The southbound lanes of Inglewood Avenue, north of Manhattan Beach Boulevard, consisted of one left turn lane, two through lanes, and a right turn lane which operate at LOS E in the AM and LOS F in the PM. The purpose of the project was to increase the operational capabilities of the intersection. This was accomplished by adding a dedicated right-turn lane on southbound Inglewood Avenue to increase the through traffic to three lanes.

The City of EL MONTE

DURFEE AVE. & RAMONA BLVD. SIDEWALK IMPROVEMENTS

Jimmy Chung, PE, Associate Civil Engineer, jchung@elmonteca.gov, (626) 580-2058
11333 Valley Boulevard, El Monte, CA 91731-3293

OE provided the City of El Monte with design engineering services for the Durfee Avenue & Ramona

Boulevard Sidewalk Improvements Project (CIP No. 002). The project limits included two areas. The first was south side of Ramona Boulevard, between the eastern city limit - west side of San Gabriel River Trail – and Durfee Avenue (1,115 linear feet). The 2nd location was on both sides of Durfee Avenue, between Ramona Boulevard and the address of 4000 Durfee Avenue (2,525 linear feet). The project had five main objectives.(1)Reconstruct sidewalks, driveways, and curb ramps within project limits as necessary to comply with current ADA requirements.(2)Identify surface utilities preventing ADA compliance and provide design alternatives that include constructing around the interfering utilities or relocating them.(3)Evaluate existing infrastructure (sidewalks, driveways, and curb ramps) for adherence to current ADA requirements.(4)Construct new ADA compliant sidewalk where absent.(5)Ensure all improvements are constructed within the existing right-of-way.

The City of DOWNEY

RESIDENTIAL STREET PAVEMENT REHABILITATION, AREAS 1-2-4

Desi Gutierrez, PE, Senior Civil Engineer, (562)622-3468, dguteirr@downeyca.org
11111 Brookshire Avenue, Downey, CA 90241

OE is providing the City of Downey with Engineering Design services for the Residential Streets Pavement Rehabilitation Project for Areas 1, 2, and 4. The main objective is to improve the PCI of the area residential street segments in order to extend the street service life, improve safety, minimize costs and maintenance needs, and enhance aesthetics. In order to accurately develop a scope of work and fees for the design services, OE conducted a detailed field evaluation, a thorough review of the City's Pavement Management Plan, and approximated the costs for the construction activities to develop a final list of residential street segments. OE was then able to determine the quantity of streets that could be incorporated into the engineering design, which rehabilitation method to use and which method could be feasibly rehabilitated while adhering to the City's available budget, along with providing recommendations and estimates. Upon approval by the City, the team then began to prepare separate PS&E packages for areas 1, 2 and 4. The work across the three zones covered nearly 29 miles of residential streets. On a number of segments OE is using straight grade between tie-in points at adjacent segments to maximized drainage slopes. A total of 164 Curb Ramps are being reconstructed to meet ADA compliance along with 85 total driveways, in addition to street widening and single-sided street parking construction. Collaboration with Caltrans, LA County Flood Control District and Union Pacific Rail Road was also performed in order to acquire permit acquisitions on the segments. The work was completed on time within the assigned schedule and within the set budget.

CITY OF NORWALK A Connected Community
The City of NORWALK

LOCAL RESIDENTIAL STREETS REHABILITATION, ZONE 19, PHASE II

Raymond Velasco, Principal Civil Engineer, (562)-929-5723, rvelasco@norwalkca.gov
12700 Norwalk Boulevard, Norwalk, CA 90650

OE provided design engineering and construction management services on phase 2 for the City of Norwalk's Local Residential Streets Rehabilitation, Zone 19 Project. The pavement management zone limits were bound by Stranstead Avenue to the west, Priscila Street to the north, Shoemaker Avenue to the east, and Rosecrans Avenue to the south, containing approximately 37,500 linear feet (7.1 miles) of local road surface that was slated for rehabilitation. The project was split into two phases: Phase A for concrete work, and Phase B for asphalt work, with the objective of improving the PCI for residential streets, extending the useful roadway life to at least 20 years, improving drainage, upgrading to safer and easier ride quality streets with greater pedestrian access, minimizing future maintenance costs and enhancing aesthetics. The scope called for the

development of PS&E to include a total of 94 ADA curb ramps and 8 slotted cross gutters, along with driveway apron construction, utility appurtenance adjustments and relocation, and signing and striping replacement. Also for this project, OE utilized its state-of-the-art high-speed 3D point cloud laser scanner to conduct surveys of 60 existing centerline monuments for preservation.

The City of FONTANA

RANDALL AVENUE STREET IMPROVEMENT PROJECT

Shawn Matejcek, Project Coordinator, (909) 350-7649, smatejcek@fontanaca.gov
16489 Orange Way, Fontana, CA 92335

OE provided design engineering services to the City of Fontana on the Randall Avenue Street Improvement Project, located at Randall Avenue, from Citrus Avenue to Catawba Avenue. The purpose of the project was to rehabilitate approximately 1,300 linear feet (0.25 miles) of pavement on Randall Avenue and close curb, gutter, and sidewalk gap on the north side of the street. The project also included redesign of 6 curb ramps on the south side of the street to meet ADA requirements. The street varied in width but primarily consisted of one eastbound lane, two westbound lanes, and parking lanes on both sides of the street. Surrounding land use consisted primarily of residential zones and Citrus Elementary School on the south side of the street.

The City of LAKE FOREST

ADA ACCESS RAMP IMPROVEMENTS, PHASES 13 THRU 17

OE provided engineering design services for the City of Lake Forest, which was funded through the Community Development Block Grant. The goal of the project was to re-design existing access ramps to meet compliance with the ADA State of California Building Code, Title 24 Standards along with County of Orange Standard Plans, which required a full cultural resources study and report of California Historical Resources, a Sacred Lands search, a Reconnaissance Report, and a pedestrian field survey of the project area. This 5 phase project required a total of 113 ramp designs, reconstruction and replacement for a period of 3.5 years. The ramps components included landing widths, side flares, and landing/running/counter and sidewalk cross slopes. Also adjacent sidewalk, curb and gutter replacements were made as necessary to accommodate the new ramps.

The City of BELLFLOWER

BELLFLOWER BOULEVARD COMPLETE STREETS - HSIP FUNDED

Philip Wang, PE, City Engineer (now in Whittier), (562) 567-9500, pwang@cityofwhittier.org
13230 Penn Street, Whittier, CA. 90602

OE provided the City of Bellflower with Design Engineering services for the HSIP – Bellflower Boulevard Complete Streets Project. The project consists of enhancing approximately 2,200 linear feet (0.42 miles) of Bellflower Boulevard from Artesia Boulevard to the South City Limit, approximately 330 feet south of Rose Street. Bellflower Boulevard is an arterial street with two lanes of traffic and curbside parking in both directions, a dual left turn lane, and traffic signals at high volume intersections. The project was partially funded by Cycle 9 of the Highway Safety Improvement Program (HSIP). The project has an estimated cost of $1,162,100. The street enhancements included adding Class III Bike Lanes, reducing lane widths, adding raised medians with landscaping and irrigation, upgrading and adding high visibility crosswalks, rapid flashing beacons, & pedestrian countdown heads at the intersections, bulb-outs, & road resurfacing.

The City of COSTA MESA

NEWPORT BOULEVARD WIDENING IMPROVEMENTS

Jennifer Rosales, Project Manager, jennifer.rosales@costamesaca.gov, (714) 754-5180
77 Fair Drive, Costa Mesa, CA 92626

OE is providing the City of Costa Mesa with design engineering services on the Newport Boulevard Widening Improvements Project. The project consists of widening a portion 77 Fair Drive of southbound Newport Boulevard to accommodate a fourth through lane and improve its Level of Service from the current "F" rating (ranging from 1.10 to 1.30). The section of roadway to be enhanced extends approximately 2,700 linear feet southwest from 19th Street to the Superior Avenue turn-off located northeast of 17th Street. The project is located within Caltrans jurisdiction and requires traffic signal modifications, utility and street light relocations, and right-of way acquisitions to accommodate the additional through lane and right-turn pockets.

The City of GLENDORA

BENNETT AVE., WASHINGTON AVE., WESTRIDGE AVE. & BENDER AVE. CUL-DE-SACS PROJECT (PLAN #1338 & 1339)

Maliha Ansari, Principal Civil Engineer, (626) 914-8294, ansari.m@cityofglendora.org
116 E. Foothill Boulevard, Glendora, CA 91741

OE is providing engineering design services on the Bennett Avenue, Washington Avenue, Westridge Avenue and Bender Avenue Cul-De-Sacs Project for the City of Glendora. This includes the design of nearly 7,000 LF of new 8-inch ductile iron/C909 PVC water mains to improve flow, pressure and fire protection, along with 311,000 SF of streets requiring improvements. Other work includes a striping enhancement concept to incorporate marked class II bike lanes, repurposing crosswalk warning lights, reconstructing and replacing 16 ADA curb ramps for compliance, traffic signal inductive loop replacement, and water main appurtenance installation and replacement. A section of pipeline located at Bennett Avenue near Valencia Street passes beneath a storm drain, requiring directional drilling to facilitate new water main installation through the area. This was accompanied by assessments of fire hydrants, air and vacuum release valves, and water meters and services laterals.

The City of LAGUNA NIGUEL

NIGUEL ROAD STREET REHABILITATION

Jacki Scott, Public Works Director/Analyst, jscott@cityoflagunaniguel.org, (949)362-4337
30111 Crown Valley Pkwy. Laguna Niguel, CA 92677

OE provided the City of Laguna Niguel with Project Engineering services for the Niguel Road Street Rehabilitation and ADA Improvement Project. The project consisted of rehabilitating an approximately 1.93 mile (10,200-foot) section of Niguel Road that extends from Alta Tera to Marina Hills Drive. Niguel Road from Highland Avenue to Marina Hills Drive (8,450 linear feet) is an arterial street with two lanes of traffic in either direction, raised center medians, centerline striping, left and right-turn pockets, and bike lanes. Niguel Road from Alta Terra to Highland Avenue is a residential collector street (1,750-feet) with one lane of traffic in both directions. A major part of this project involved the full design of the 64 ramps for the nearly 2 mile stretch hilly roadway. Parking was prohibited on the street except on the north side of Niguel Road from Alta Terra to Galina Way which required traffic management. Additional tasks included repairing curb, gutter, and sidewalk and constructing ADA compliant access ramps where required.

ON-CALL PROJECT EXPERIENCE

BREA

Berry St. & Imperial Hwy. Sewer Main Replacement
Blackstone Development Project
Cinnamon Tract Rehabilitation
City Ventures Development Project
Elm Street Resurfacing & Waterline Replacement
La Floresta Village Development Project
Lambert Road Rehabilitation (Phase I)
Master Plan Sewer Upgrades (Phase V)
Cherry and Alder Street Project
Midbury Tract & Water Main Improvement
Public Works Maintenance Yard Rehabilitation
State College Blvd. Rehabilitation
Valencia Ave. Landscaped Median Improvements
Wildcat Way Rehabilitation
Bandstand & Park Landscape Improvement
Imperial Greenbelt Landscaping
Rails to Trails

DIAMOND BAR

7-Year Annual Arterial/Residential Rehabilitation
Brea Canyon Drainage Improvement Project
Chino Hills Pkwy./Chino Ave. Street Rehabilitation
Diamond Bar City Hall Contract Engineer
Drainage Diverters Project
Grand Avenue Beautification Project
Morning Canyon Road Reconstruction
Residential Area 1B/Arterial Zone 7 Rehabilitation
Residential Area 2/Arterial Zone 1 Rehabilitation
Residential Area 3/Collector Street Rehabilitation
Residential Area 7 & Arterial Zone 5 Maintenance
Area 6 Residential Roadway Rehabilitation

IRVINE

Irvine Center Drive Pavement Rehabilitation
Yale Ave. Rehabilitation
Alton Parkway Left Turn Lane
Culver Dr. Pavement Rehabilitation Project
Jamboree & I-5 Widening Project
Jamboree Roadway Rehabilitation Project
Red Hill Ave. Pavement Rehabilitation (ARRA)
Campus Dr. Bikeway Construction Project
Sand Canyon & Portola Parkway Improvements
Turtle Rock Parking Lot Improvements

LONG BEACH

Citywide ADA Ramp Pedestrian Accessibility Improvement
City Traffic Engineering Services
Spring Street Intersection Improvements
East 2nd Street Bike Lane Improvements Project

TORRANCE

190th St. Pavement Rehabilitation Project
PCH/Vista Montana/Anza Ave. Intersection Improvement
Bus Stop Accessibility Improvement Project
Madison St. & Skypark Dr. Reconstruction
Palos Verdes Boulevard Rehabilitation
Residential St. Rehabilitation, I-94
Sidewalk Repair for Handicap Accessibility
Downtown Pedestrian Improvement - T-115

REDONDO BEACH

Manhattan Beach and Sepulveda Boulevard
Widening Curb Ramp Design at 37 Locations
Rosecrans Avenue Resurfacing Project

MANHATTAN BEACH

Citywide Curb Ramp Improvements (Phase III)
Aviation Boulevard Resurfacing Project (STPL)
Avenida Del Norte & Riviera Parking Lot Resurfacing
Inglewood Ave. at Manhattan Beach Blvd. Widening

COSTA MESA

17th St. Widening
Harbor Boulevard & Adams Ave. Intersection Widening
Harbor Blvd. & Gisler Ave. Intersection Widening
Placentia Ave. Median Installation & Landscaping
Bay Street & Ford Road Alley Reconstruction (CDBG)
Newport Boulevard Widening Improvements Project

HERMOSA BEACH

Sketcher's Sewer Construction
Antonio Pkwy. Widening
CIP Street Improvements at Various Locations

FEDERAL FUNDING & STATE CALTRANS EXPERIENCE

OE has provided Design Engineering services on several Federally Funded projects, including ATP, ARRA, FHWA, CDBG projects, and projects requiring Caltrans coordination. We know the District 7 Caltrans office and we guarantee Caltrans LAPM compliance on any project.

ATP
- **CHINO HILLS:** *Los Serranos Widening & Sidewalk Improvement*

Caltrans
- **BREA:** *Berry St. & Imperial Hwy. Sewer Main Replacement*
- **DIAMOND BAR:** *7yr. Annual Residential & Area 2, Zone 1 Residential Arterial Rehabilitation*
- **NORWALK:** *Shoemaker Avenue Rehabilitation & Drainage*
- **COSTA MESA:** *Newport Blvd. Widening & Harbor Blvd./Gisler Ave. Intersection Improvement*
- **LONG BEACH:** *Citywide ADA Curb Ramps & Path of Travel Pedestrian Accessibility*
- **LA HABRA:** *La Habra Blvd. Rehabilitation Project*
- **IRVINE:** *Campus Drive Bikeway Construction Project*
- **BELLFLOWER:** *Flower Street Rehabilitation Project*
- **DOWNEY:** *Staff Augmentation & Program Management Services*

CDBG
- **LAKE FOREST:** *ADA Access Ramp Improvement Project, Phase 7*
- **COMMERCE:** *Rosini & Rosewood Phase 1 & Bristow Park Neighborhood Rehabilitation*
- **PLACENTIA:** *Sidewalk/Pedestrian Accessibility, Phase II & ADA Accessible Ramps, Phase III*
- **HAWAIIAN GARDENS:** *Residential Rehabilitation Project*
- **REDONDO BEACH:** *Citywide Curb Ramp Improvements, Phase III*
- **COSTA MESA:** *Bay St. & Ford Rd. Alley Reconstruction*
- **LA HABRA:** *4 Segment Alley Pavement Rehabilitation, Phases I & II*
- **SOUTH EL MONTE:** *Street Slurry and Improvements Project*
- **HESPERIA:** *FY 18-19 Residential Street Rehabilitation, CO #7150*

HSIP
- **COSTA MESA:** *Placentia Ave. Median Installation & Landscaping - also* Caltrans
- **ORANGE COUNTY:** *Santiago Canyon Road Project*
- **BELLFLOWER:** *Bellflower Boulevard Complete Streets Project*
- **NORWALK:** *Bus Shelter Replacement Project*

FTA
- **COMMERCE:** *Citywide Bus Shelter Replacement Project*
- **LA HABRA HEIGHTS:** *Los Palomas Dr. Reconstruction*
- **IRVINE:** *Yale Avenue Rehabilitation - also* Caltrans
- **SAN BERNARDINO:** *Citywide Street Rehabilitation & "E" Street Rehabilitation*

ARRA
- **SANTA MONICA:** *Lincoln Blvd. Pavement Rehabilitation*
- **LA HABRA HEIGHTS:** *Hacienda Rd. & East Rd. Stimulus Project - also* Caltrans
- **LA MIRADA:** *Adelfa, Foster, Marquadt Rehabilitation Projects • also* Caltrans
- **IRVINE:** *Red Hill Avenue Pavement Rehabilitation - also* Caltrans
- **NORWALK:** *Bus Shelter Replacement Project*

FHWA
- **LA HABRA HEIGHTS:** *Hacienda/Fullerton Rd. Realignment & Road Improvement/Slope Stabalize*

STPL
- **BELLFLOWER:** *Bellflower Blvd./Woodruff Ave /Palo Verdes Ave. Rehabilitaiton - also* Caltrans
- **REDONDO BEACH:** *Aviation Blvd. Rehabilitation Project - also* Caltrans

SB-1
- **ALHAMBRA:** *FY 17-18 Street Rehabilitation Project*
- **FULLERTON:** *Euclid Roadway & Sewer Reconstruction Project*

OE'S 3 UNIQUE APPROACHES

1. Our cost control methods that include planning & executing scheduling objectives through continuous monitoring of project cost, quantities, estimation and performance.
2. Emphasis in safety, quality, and open lines of communication with the City staff and the public.
3. Knowledge in coordinating with both Caltrans & Federal Funding departments.

OE'S Caltrans APPROACH

1. Submit Requests for Authorization (RFA's) for Preliminary Engineering, Right-of-Way, and utility & construction.
2. Prepare and submit award & report on expenditures.
3. Assist in the preparation of both Federal and State invoices.

FIRM STRENGTH & STABILITY

OE can efficiently deliver on any given project and will exceed project expectations. Over the past 20 years OE has maintained an exemplary track record with full completion of all of its projects on time and within budget, including several award winning projects. OE has grown its staff, tools and resources and continues its track record of growth and success to this day.

STAFFING CAPABILITY & AVAILABILITY

OE understands the City's desire to have on-hand a diverse Staff of professionals, readily available and equipped for On-Call contracts, who are well-versed in the design of different projects with varying levels of complexity. Our staff experience on projects involves roadway rehabilitation; curb, gutter & sidewalks; sewers, storm drains, water mains, and culverts; traffic signals and traffic coordination; small buidings; parks, trails, landscaping, and recreational and sanitary facilities; street lighting; minor electrical layouts, and other CIP related task work. OE proposes a bench of Project Managers and Project Engineers who are highly qualified with many years of experience and are the heart of our business and are ready to handle any project to success. We train our staff in maintaining open and responsive lines of communication with our clients. Among their many qualifications and licenses, we have multiple staff members that were certified by OCTA to evaluate and recommend pavement rehabilitation.

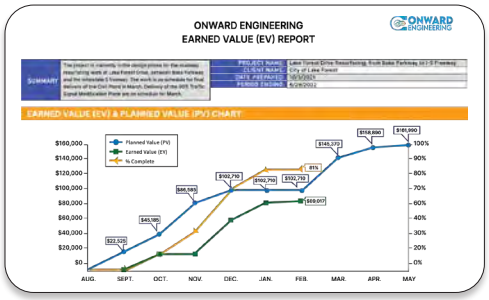
WORKLOAD

OE has been providing professional services since 2004, and has had the honor of providing over a few hundred projects completed on time and within budget to several dozen Cities/Municipalities over two decades. OE has the skills and experience in delivering to the City of Pico Rivera our service strengths, which include Civil Engineering Design Development; Plan, Specification, and Bid Package Development; Accessibility/ADA Design; Bid Assistance and Engineering Cost Estimation; Roadway, Sewer and Water Main Reconstruction/Replacement/Improvements, among others. Over the years, we have fine-tuned our approach to public works projects.

SCHEDULE COMPLIANCE

SCHEDULE SLIPPAGE TRACKING: OE will work diligently to check that the City is immediately aware of any slippage in the project schedule. Our track record proves that we have been on target on all of our projects and we are committed to keeping it that way. If the off chance there are delays, OE will develop and implement strategies to bring the project back on track using all necessary means at no additional cost to the City. Above all else, clear communication will be the critical item in bringing any schedule slippage back on track. In many instances, tasks can be reorganized to allow for staggering of work items.

EARNED VALUE REPORT (EVR): OE prepares an Earned Value (EV) Report on a monthly basis which allows us to assess the "Health of Schedule" and to proactively identify ways to get on track. OE will also prepare Earned Value Charts to submit with our invoices. We have included these charts on past projects (samples are shown below and to the right). These indicate to the City what the Planned Value (PV), Earned Value (EV) and Percent Complete is with each billing cycle so that the City can see that the amount spent matches the level of work and effort placed.



PLANNED VALUE REPORT (PVR)

PLANNED VALUE REPORT (PV) [Budgeted Cost of Work Schedule]

TASK NO.	TASK NAME	BUDGET	AUT.	SEPT.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY
1.02	Project Concept Review	$1,270		1270								
2.01	Right-of-Way Requirements Determination	$200			200							
1.04	Preliminary Design	$2,760		2760								
1.06	Request for Exceptions to Design Standards	$310		310								
1.07	Value Engineering & Cost Report	$1,350		1350								

SECTION

C

PROPOSED STAFFING

STAFF ORGANIZATIONAL CHART

DISCLAIMER

Key personnel will be available as proposed for the duration of the Services Agreement. OE will not remove/replace anyone assigned to a project without the prior written concurrence of the City.

MAJDI ATAYA, PE

BS Civil Engineering, *CSU, Long Beach, 1981*
MPA Full Course Completion, *CSU, Long Beach, 1993*
PE Professional Engineer, **#39392**
CITY OF LA HABRA (former) Deputy Director of Public Works & City Engineer

MUHAMMAD ATAYA, MPA

BS Political Science, *CSU Long Beach, 2008*
MPA Public Administration, *CSU Long Beach, 2010*
CERTIFICATE Professional Construction Management, *UC Los Angeles, 2013*

DELFINO "CHINO" CONSUNJI

BA Civil Engineering, *University of the Philippines, 1986*
PE Professional Engineer, **#57908**
Engineering Management Construction, *UCLA Extension, 1991*
Building Construction/Management, *AOTS, Japan, 1990*
Inland Navigation/Management, *IFIT, Belgium, 1989*

JOE DYER, PE, TE

BS Civil Engineering, *Ohio State University, OH*
MS/PHD PROGRAM *VA Polytech/State University, VA*
PE Professional Engineer, **#31616**
TE Traffic Engineer, **#1200**

IGNACIO OCHOA

BS Civil Engineering, *CSU Long Beach*
PE Professional Engineer, **#35217**
TE Traffic Engineer, **#1183**
PTOE Traffic Operations Engineer
FORMER Director & Chief Engineer

JUSTIN SMEETS, PE, PLS, QSD

BS Civil Engineering, *CSU Fullerton, 2007*
PE Professional Engineer, **#78314**
PLS Professional Land Surveyor, **#9293**
SWPPP Developer, **#00852**
OCTA was Certified for Pavement Assessment, Rehabilitation & Recommendations

RYAN DENNIS, P. ENG (CANADA)

BS Qualified StormWater Pollution Prevention Plan Practitioner **#26670**
MINOR Certified Inspector for Sediment & Erosion Control **#2075**
P. ENG. Public Works Construction Inspector,
TOOLS AutoCAD, Civil 3D, InfraWorks, BlueBeam

DAYTON LOWE

OCTA was Certified for Pavement Assessment, Rehabilitation & Recommendations
COURSEWORK Construction Management, Technology & Civil Engineering, *Broward College*
TOOLS AutoCAD & Civil 3D

ERIC URSO, LSIT

BS Civil Engineering, *The Citadel, The Military College of South Carolina*
MS Geographic Information Science, *CSU Long Beach*
LSIT Supervising Construction Inspector, *The*
TOOLS Survey CAD, AutoCAD, Civil 3D

DAVID LORIA

AS Computer Animation, Brooks College, LB.
CERTIFIED AutoCAD Professional
TOOLS Civil 3D, Revit, 3D Max, Recap, Scan Master Point Cloud Processing software

JARED SPEICHER, EIT

BS Civil Engineering, *CSU Long Beach*
EIT Engineer-in-Training, **#179155**
Santiago Canyon College
TOOLS AutoCAD, Civil 3D, InfraWorks, BlueBeam

JASON TO

BS Civil Engineering, *CSU Fullerton*
TOOLS AutoDesk/AutoCAD, ArcGIS/RAM
SKILLS Surveying, Soil Mechanics, Reinforced Concrete Design, Structural Steel Design.

LEONARD PHUNG

BS Civil Engineering, *University of Transport, Ho Chi Minh, Vietnam*
DESIGN Roadway, Drainage, Slope Stability
TOOLS AutoCAD & Civil3D

HENRY LU

BS Civil Engineering, *University of Transport, Ho Chi Minh, Vietnam*
DESIGN Roadway, Drainage, Slope Stability & Utility
TOOLS AutoCAD & Civil3D

ONWARD ENGINEERING SURVEY TEAM

C-BELOW SURFACE IMAGING
POTHOLING

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323 N. Resh Street, Anaheim, CA 92805

QA/QC Manager & Main Contact | Project Managers | Project Engineers & Survey Team | Sub-Consultants

STAFF RESUMES

MAJDI ATAYA, PE
PRINCIPAL

FIELDS OF EXPERTISE: roadway, ada ramp, pavement, signal, sewer, water

41 YEARS OF EXPERIENCE

QUALIFICATIONS

BS Civil Engineering, California State University, Long Beach, 1981 **MPA** Full Coursework Completion, California State University, Long Beach, 1993 **PE #39392**: Registered Civil Engineer (*former*) Deputy Director/City Engineer & (*former*) Traffic Commission Chairman, for The City of La Habra (*former*) **PRESIDENT & HONOREE** Engineer's Flood Control Advisory Committee (*former*) **TAC CHAIRMAN** Orange County Transportation Authority

BACKGROUND

Majdi is the Principal-In-Charge of Ownard Engineering. Majdi Ataya, Professional Engineer and Former Deputy Director and City Engineer for the City of La Habra's Public Works Department, is a seasoned engineer with over 40 years of solid and diversified experience in the public works sector. He is extremely familiar with the process of project management and design. He is a highly effective communicator and manager with an outstanding assimilation ability. Majdi is able to adapt and relate to all levels of management, and retain high energy levels and enthusiasm for the project at hand. Majdi understands the importance of communication with public agencies and will be a dependable extension of your staff.

EXPERIENCE

LOCAL STREETS REHABILITATION PROJECT, PHASE I (CONCRETE IMPROVEMENTS) ZONE 3, NORWALK

Majdi was the Principal-in-Charge to The City of Norwalk on the Local Streets Rehabilitation Program Phase I (Concrete Improvements) Project in Zone 3, which is bound by the Union Pacific Railroad to the Northwest, the I-5 Freeway to the Northeast, Imperial Highway to the South, and Firestone Boulevard to Southwest. The project involves removal and replacement of sidewalk (3,000 SF); curb and gutter (2,600 LF); new and replacement ADA curb ramps (93 ramps and 10 truncated domes); driveway approach repairs (500 SF); cross gutter replacements (29 locations with associated curb ramps); including incidental asphalt work, utility relocations & traffic control.

SANTA ANITA ACTIVE TRANSPORTATION, CYCLE 5 ATP PROJECT,PHASE I, II, & III, EL MONTE

Majdi served as the Principal-in-Charge for the City of El Monte on the Santa Anita Active Transportation Program, Cycle 5 ATP Project. The purpose of this project was to improve safety for roadway users and to improve conditions for non-motorized modes of travel, thereby promoting pedestrian cycle and transit use. In doing so, the intent was to improve neighborhood connectivity and livability, and to enhance the comfort of non-motorized users traveling to and from the El Monte Transit Center and Downtown El Monte. The work entailed roadway rehabilitation, parkway improvements that involved 51 ADA curb ramps, 4,000 square feet of sidewalk, and 200 linear feet of curb and gutter, and upgrades to video detection and traffic signals at 7 intersections, along with wayfinding sign and bike rack installation at various

intersections. The project was split into 3 phases. Phase I involved class II bike lane installation along 0.53 miles at Santa Anita Avenue, from Tyler Avenue to Lower Azusa Road; Phase II had pavement, curb and ramp upgrades at Tyler Avenue, from Ramona Boulevard to Santa Anita Boulevard for .97 miles; and Phase III entailed pavement, curb and ramp upgrades located at Ramona Boulevard, from Santa Anita Avenue to Tyler Avenue for .36 miles.

PHASE 6B RESIDENTIAL STREET REHABILITATION PROJECT, LA MIRADA

Majdi served as the Principal-in-Charge on phase 6B of this Residential Street Rehabilitation Project for the City of La Mirada. The project covered the residential area north of Biola University, bound by Biola Avenue to the west and La Mirada Boulevard to the east, and by Imperial Highway to the north. The work entailed AC pavement reconstruction, cold milling, asphalt rubber hot mix overlay, Type 2 slurry seal, removal and replacement of damaged curb, gutter, cross gutter, sidewalk and curb ramps. Construction also included adjustment of manholes and water valves, traffic signing, striping, markings.

PHASE 3 LOCAL STREETS REHABILITATION (ZONE 24, 27, & 32), NORWALK

Majdi was the Principal-in-Charge to the City of Norwalk on the 3rd Stage of Construction of the Local Streets Rehabilitation Paving Improvements. The work included three separate City projects (No. 7924-Zone 24. No. 7925-Zone 25, and No. 7926-Zone 32). Stage 1 of this project included concrete improvements, and OE provided CM and Inspection services for Zone 32 of that phase. Stage 3 included a variety of pavement rehabilitation methods including full-depth repair, grind and overlay, and slurry seal for Zones 24, 27, and 32. Twenty-one streets with a total of 3.6 centerline miles were included as part of this project. These limits were within the two blocks of Highdale Street between Elaine Avenue and Ibex Avenue which had a PCI rated less than 25 (very poor). The streets were also adjacent to Edmondson Elementary School, requiring careful coordination with the school. The replacement of the deteriorated pavement and accessibility ramps was important to improving the safety of the school zone and extending the useful life of the streets. The rehabilitation work involved street repaving which included curb and gutter repairs, slotted cross gutter replacements and pedestrian accessibility ramps at intersection corners to meet current standards.

STEELE DR. & PLEASANT HILLS WATER IMPROVEMENTS PROJECT, BREA

Majdi served as the Principal-in-Charge to the City of Brea on the Steele Drive and Pleasant Hills Water Improvements Project. The project limits were on residential streets within the Steele Drive and Pleasant Hills tracts. The scope of construction entailed replacing approximately 11,840 linear feet of existing water mains with PVC C900 and rehabilitation of the street. The Project also included the removal and replacement of existing damaged sidewalk, concrete curb and gutter, curb ramps and AC pavement, along with the adjustment of existing utilities facilities to grade, construction survey, survey monument restoration, traffic signage and striping, temporary traffic control, and other miscellaneous improvements.

MERCED AVENUE LINEAR PARK PROJECT, EL MONTE

Majdi was the Principal-in-Charge to the City of El Monte on the Merced Avenue Linear Park Project, CIP 003, located on Merced Avenue between Garvey Avenue and Towneway Drive. The improvements consisted of constructing a 1.1-acre linear park within the existing roadway to provide traffic calming through lane reduction, tree planting, seating, picnic areas, play and fitness equipment, sidewalk, planting areas, protective fencing, solar lighting, trash receptacles, bike racks, stormwater retention areas, and all other work as indicated in the construction documents. Replacement of existing 6” and 8” water mainline along the east side of Merced Avenue was also included as part of this project. Additionally, OE provided public outreach support on the project. This was funded through the Clean California Grant Funds & Local Funds.

MUHAMMAD ATAYA, MPA

CONTRACT CONTACT/PUBLIC OUTREACH

FIELDS OF EXPERTISE: roadway, ada ramp, signal, sewer, water

16 YEARS OF EXPERIENCE

QUALIFICATIONS

BS Political Science, California State University, Long Beach, 2008 **MPA** Public Administration, California State University, Long Beach, 2010 **CERTIFICATION** Construction Management, University of California, Los Angeles, 2010

BACKGROUND

Muhammad received his BS in Political Science and Masters in Public Administration from California State University, Long Beach. As the Operations Manager for Onward Engineering, Muhammad is responsible for improving the operational systems, processes, and policies in support of the OE mission, managing and increasing the effectiveness and efficiency of the OE staff, and overseeing and training the OE administrative staff. Additionally, as the head of OE's Business Development team, Muhammad directs the efforts of the OE proposal writing team and develops marketing programs and campaigns. Muhammad also provides public outreach services for select high-profile projects. This includes managing communication with businesses, residents, and stakeholders using a multitude of information dissemination methods.

EXPERIENCE

NEIGHBORHOOD RESIDENTIAL STREETS IMPROVEMENT, PHASE I/II, ANAHEIM

Muhammad provided Public Outreach for the City of Anaheim on this project which encompassed street improvements on a number of residential neighborhoods. The goal of this project was to restore surface integrity, improve the ride quality and safety of the residential streets, and mitigate any potential trip and fall hazards. These large-scale residential neighborhood rehabilitation projects involved parkway improvements by resurfacing the pavement, removal and replacement of ADA access ramps, sidewalk, curb, cross gutters and concrete aprons, pavement markings, signage and driveway approaches. The project limits for phase I were split into thirteen neighborhood areas: 1 Athena-Omega Neighborhood, with a population of 1,977 residents, is bordered by Ball Road to the north, Sunkist Street to the east, Winston Road to the south, and State College Boulevard to the west. The scope involved 191,416 sf of asphalt reconstruction and 63,422 sf of slurry seal 2 Biscanye Neighborhood, with a population of 578 residents, is bound by Crestwood Lane to the north, Brookhurst Street to the east, Katella Avenue to the south, and Gilbert Street to the west. The scope included 109,760 sf of asphalt reconstruction and 110,483 sf of slurry seal; 3 Devonshire Neighborhood, with a residential population of 1,551, is bound by Buckingham Street and the Riverside I-91 Freeway to the north, Gilbert Street to the east, and the Santa Ana I-5 Freeway to the south. The scope included 245,498 sf of asphalt reconstruction; 4 Jerillee Lane neighborhood, with a population of 1,365 residents, is bordered by the I-91 freeway to the north, Imperial Highway to the east, Santa Ana Canyon Road to the south, and Lakeview Avenue to the west. The scope of work included 312,892 sf of asphalt reconstruction and 63,422 sf of slurry seal; 5 Key Lane/Westchester Neighborhood, with a population of 7,332 residents, is bound by Orange Avenue to the north, Western Avenue to the east, Ball Road to the south, and Knott Avenue to the west. The scope included 933,402 sf of asphalt reconstruction and 664,515 sf of slurry seal; 6 La Reina Neighborhood has a population of 3,415 residents and is bordered by Crescent Avenue to the north, Gilbert Street to the east, Lincoln Avenue to the south, and Dale Avenue to the west. The scope included

554,186 sf of asphalt reconstruction; 7 Rowland Neighborhood is bordered by Broadway to the north, Magnolia to the east, Rowland to the south, and Kenmore to the west. The scope of work involved 48,714 sf of asphalt-reconstruction, and pavement resurfacing; 8 West-Westmont Drive Neighborhood, with a population of 8,426 residents, is bordered by La Palma Avenue to the north, Harbor Boulevard to the east, Lincoln Boulevard to the south, and Loara Street to the west. The scope involved 1,795,739 sf of slurry seal, and 756,645 sf of asphalt reconstruction; 9 Tanglewood Neighborhood is bound by Imperial Highway to the north, Yosemite Drive to the west, Kellog to the east, and Orangethorpe Avenue to the south. The scope included 339,901 sf of asphalt reconstruction, 358,598 sf of slurry seal, and 18,255 sf of sidewalk improvements. In addition, 65 new trees and 30 tree removals were made for the interest of this neighborhood; 10 Rio Bravo neighborhood is bordered by Camino Manzana, Calle Granada, and Calle Tampico to the north, Eucalyptus Drive to the east, Santa Ana Canyon Road to the south, and Via Cortez to the west. The scope included 306,997 sf of asphalt reconstruction, 294,712 sf of slurry seal, 14,029 sf of sidewalk improvements, 51 new trees and 24 removals; 11 Academy/Bel Air Neighborhood is bound by Lincoln Avenue to the north, Dale Avenue to the east, Orange Avenue to the south, and Beach Boulevard to the west. The scope included 263,302 sf of asphalt reconstruction, 201,012 sf of slurry seal, 4,256 sf of sidewalk, 30 new trees and 6 removed; 12 Gaymont/Elm Lawn Neighborhood is bound by Orange Avenue, Stonybrook Drive, and Ball Road to the north; Dale Avenue, Magnolia Avenue, and Gilbert Street to the east; the Anaheim City Limit to the south; and Beach Boulevard to the west. The scope included 397,521 sf of asphalt reconstruction, 201,012 sf of slurry seal; 12,842 sf of sidewalk, 3,187 lf of curb and gutter, and 71 new trees along with 15 removals; 13 Greenleaf Hampton Neighborhood is bound by La Palma Avenue to the north, Gilbert Street to the east, Crescent Avenue to the south, and the Anaheim City Limit to the west. The scope included 1,073,430 sf. of reconstruction, 494 tree trimmings, 15 removals and 75 new trees. The project limits for phase II were split into three neighborhood areas, which were: 1 Kings Court Neighborhood is bound by Ball Road to the north, Euclid Street to the east, Katella Avenue to the south, and Brookhurst Street to the west. The scope included 1.1 million sf of grind and cap and 1.1 million sf of slurry seal; 2 Velare Neighborhood is bound by Orange Avenue to the north, Gilbert Street to the east, Ball Road to the south, and Magnolia Avenue to the west. The scope included 260,677 sf of grind and cap and 327,499 sf of slurry seal; 3 Sabina Neighborhood is bound by La Palma Avenue to the north, Harbor Boulevard to the east, Sycamore to the south, and the Anaheim Boulevard to the west. The scope included 152,605 sf of grind and cap, 185,494 sf of slurry seal. Coordinating with the local residents was essential on these projects.

STREET/SLURRY SEAL REHABILITATION - PHASES I, II & III, LAGUNA BEACH

Muhammad provided Public Outreach services for the City of Laguna Beach. The project limits for Phase I were split into three areas: Area A (Skyline) included 934,523 sf, Area B (Lower Bluebird Canyon) included 158,057 sf, and Area C (Summit Drive) included 185,961 sf. The project limits for Phase II covered three different regions: Area A: Canyon Acres Drive/Arroyo Drive/Woodland Drive Laguna Canyon Frontage Road, Area B: Residential streets in downtown (Loma Terrace, Y Place), and Area C: streets between Thalia Street and Cress Street. The project limits for Phase III included two areas, Area A: Coast Royal, and Area B: South Laguna Village. These areas are in South Laguna Beach, from the neighborhoods between West Street and 10th Avenue/Sunset Avenue. The work included variable grind and overlay in some areas, and Type I Slurry Seal in other areas. There was 2,562 square feet of French Drain that was installed in Area A. A 4-inch drain line was connected to a catch basin in Area A as well. The specifications also called for new traffic signal poles at the Skyline Drive, Crestview Drive, and Fern Street Intersections. Lastly, the project encompassed parkway and curb and gutter improvements, signage and striping. Due to the residential element involved, Muhammad provided Web Maps and a Project Hotline for affected residents, keeping them updated and informed .

DELFINO CONSUNJI, PE

CONSTRUCTION MANAGER

FIELDS OF EXPERTISE

roadway | ada ramp | pavement | widening | water

37 YEARS OF EXPERIENCE

QUALIFICATIONS

BS Civil Engineering, University of the Philippines, 1986 **PE** Professional Engineer #57908 **CERTIFICATION** Engineering Management for Construction, UCLA Extension, 1991: Building Construction & Management, AOTS Japan, 1990: Inland Navigation & Management, IFIT Belgium, 1989

BACKGROUND

Delfino "Chino" Consunji is an experienced professional engineer specializing in the design, construction, project management and inspection of buildings, private development and public works projects. Chino's experience includes working for engineering consultants, contractors, developers, construction management firms and municipal agencies. He has served as City Engineer for the Cities of La Habra, Norwalk, Brea, West Covina and Downey and as Public Works Director for West Covina and Downey. He has managed the design and construction of over 500 projects with a total contract amount of more than $500 million over the last 37 years. These projects included arterial highways and residential streets rehabilitation; intersection widening improvements; traffic signal upgrades and safety enhancements; water, sewer storm drain and NPDES improvements; and park improvement projects.

EXPERIENCE

DROUGHT TOLERANT LANDSCAPING ON SUNSET AVENUE, WEST COVINA

With Statewide historic drought conditions and emergency water conservation regulations, as Public Works Director/City Engineer, Chino developed and implemented a pilot project using drought tolerant planting and water-wise irrigation system in existing medians along Sunset Avenue in front of City Hall. Chino oversaw the design, bidding and contract award process and construction and inspection of this project. The project removed existing landscaping and irrigation in the medians on Sunset Avenue from the I-10 freeway to Cameron Avenue and installed drought tolerant planting and water efficient irrigation systems. The total cost of the project was $150,000 with funding coming from Measure R and grants from the Upper San Gabriel Valley Municipal Water District and Suburban Water Systems.

RESIDENTIAL STREETS REHABILITATION FY2011/2012, BREA

As Deputy Director/City Engineer, Chino managed the design, construction and inspection of the Residential Streets Rehabilitation FY2011/2012 Project. This project rehabilitated the existing asphalt pavement on the residential streets in the Country Hills Estates neighborhood generally bounded by Lambert Road to the north, Hawthorne/Baler Avenue to the east, Birch Street to the south, and Kraemer Boulevard to the west. This project also replaced damaged and/or uplifted concrete sidewalks, curb and gutter and driveway approaches and reconstructed curb access ramps in order to comply with ADA requirements. Finally. the project replaced approximately 6,200 linear feet of undersized and deteriorated water mains, water meters and services, fire hydrants and appurtenances in these residential streets. The total cost of the project was $2.2 million with funding coming from Gas Tax, Water and Sewer Enterprise Funds.

FY2018/2019 & FY2019/2020 ANNUAL SLURRY SEAL PROGRAM, DOWNEY

As Public Works Director/City Engineer, Chino oversaw the design, bid and contract award process, construction and inspection of a total of 80 residential streets or approximately 15 miles of existing asphalt pavement throughout the City were slurry sealed with a total cost of $700,000. Funding for this program came from Senate Bill 1 funds.

TWEEDY LANE PAVEMENT REHABILITATION, DOWNEY

As Public Works Director/City Engineer, Chino oversaw the design, bid and contract award process, construction and inspection of this project. This project reconstructed approximately 0.5 mile of existing asphalt pavement on Tweedy Lane from Suva Street to Florence Avenue. This project included replacement of damaged concrete sidewalks, curb and gutter, driveway approaches and reconstruction of curb access ramps to comply with current ADA requirements. The total project cost was $450,000 with funding coming from federal STPL & Gas Tax funds.

PARAMOUNT BLVD. PAVEMENT REHABILITATION & SAFETY ENHANCEMENTS, DOWNEY

As Public Works Director/City Engineer, Chino oversaw the design, bid and contract award process, construction and inspection of this project. This project rehabilitated approximately 2.5 miles of existing asphalt pavement on Paramount Boulevard from Florence Avenue to Imperial Highway. This project also constructed landscaped median islands, replaced damaged or uplifted concrete sidewalks and curb and gutter and reconstructed curb access ramps to comply with current ADA requirements. The total cost of the project was $5 million with funding coming from federal Highway Safety Improvement Plan (HSIP) grant, Measure M, Measure R and Gas Tax funds.

ANNUAL MISCELLANEOUS CONCRETE REPAIRS & ADA IMPROVEMENTS, DOWNEY

As Public Works Director/City Engineer, Chino oversaw the City of Downey's ADA Transition Plan which included an inventory of the City's ADA-compliant infrastructure at City facilities and within the public right-of-way. The Plan also included a comprehensive list of City facilities and infrastructure that need to be upgraded and/or repaired in order to meet or comply with current ADA standards. In an effort to reduce backlog of ADA repairs and upgrades throughout the City and thereby minimize the City's liability, the Public Works Department developed an Annual Miscellaneous Concrete Repairs and ADA Improvement Program. As Public Works Director/City Engineer, Chino oversaw the design, bid and contract award process, construction and inspection of these annual projects. These projects removed and replaced damaged and/or uplifted concrete sidewalks, curb and gutter and driveway approaches and constructed ADA-compliant curb access ramps in accordance with the City's ADA Transition Plan. In addition, Public Works staff worked with Downey Unified School District in constructing concrete sidewalks and ADA-compliant curb access ramps along the frontage of elementary and middle schools. From 2018 to 2022, Public Works completed ADA upgrades and concrete repairs at 1,300 locations at a total cost of $3.5 million. Funding for these projects came from Senate Bill 1, TDA Article III and Downey Unified School District share of costs.

VALENCIA AVENUE LANDSCAPE MEDIAN ENHANCEMENTS, BREA

As Deputy Director/City Engineer, Chino managed the design, construction and inspection of the Valencia Avenue Landscaped Median Enhancements. This project constructed new concrete medians along Valencia Avenue from Birch Street to Imperial Highway. This project also installed drought tolerant landscaping with water efficient irrigation systems and up-lighting for median trees. Since Valencia Avenue was under the jurisdiction of Caltrans, Chino worked closely with Caltrans in getting the design approved and obtaining an encroachment permit. The total project cost was $1.2 million with funding coming from Capital Mitigation Improvements.

IGNACIO OCHOA, PE, TE, PTOE

PROJECT MANAGER & TRAFFIC ENGINEER

FIELDS OF EXPERTISE: roadway, ada ramp, pavement, signal, traffic

39 YEARS OF EXPERIENCE

QUALIFICATIONS

BS Civil Engineering, California State University, Long Beach, 1980 **PE** Professional Engineer #35217 **TE** Traffic Engineer, #1183 **PTOE** Professional Traffic Operations Engineer

BACKGROUND

Ignacio Ochoa has amassed 39 years of experience in the public works sector, starting his career off in the City of Orange as a Junior Civil Engineer. In 2007, he was appointed as City Chief Engineer and Director of the Orange City Engineering Division, and in 2012 he was chosen as Interim Public Works Director and continued to serve in both roles. During his time as the Director of Orange City Engineering/Interim Public Works Director, Ignacio managed a staff of over 1,000 employees and oversaw the design, construction, and maintenance of roads and regional flood control facilities in the City of Orange. He was responsible for an annual budget of approximately $600 million dollars. Furthermore, he directed the City of Orange's Flood Control Division, Inspection, Operations & Maintenance, Road, Survey, PM, and Watersheds.

EXPERIENCE

LOCAL RESIDENTIAL STREETS REHABILITATION, ZONE 19 PROJECT, PHASE II, NORWALK

Ignacio provided Construction Management services on phase 2 for the City of Norwalk's Local Residential Streets Rehabilitation, Zone 19 Project. The pavement management zone limits are bound by Stranstead Avenue to the west, Priscila Street to the north, Shoemaker Avenue to the east, and Rosecrans Avenue to the south, containing approximately 37,500 linear feet (7.1 miles) of local road surface slated for rehabilitation. The project is split into two phases: Phase A for concrete work, and Phase B for asphalt work, with the objective of improving the PCI for residential streets, extending the useful roadway life to at least 20 years, improving drainage, upgrading to safer and easier ride quality streets with greater pedestrian access, minimizing future maintenance costs and enhancing aesthetics. The scope called for the development of PS&E to include a total of 94 ADA curb ramps and 8 slotted cross gutters, along with driveway apron construction, utility appurtenance adjustments and relocation, and signing and striping replacement. OE is also utilizing a state-of-the-art high-speed 3D point cloud laser scanner to conduct surveys of approximately 60 existing centerline monuments for preservation.

CITY TRAFFIC ENGINEER, LONG BEACH

Ignacio was the interim City Traffic Engineer in the City of Long Beach. He oversaw the Design and Construction section which is responsible for monitoring the timing of approximately 550 traffic signals citywide; preparing and reviewing design plans for roadway striping, traffic signal installations and upgrades and speed humps; and reviewing traffic control requirements for utility work. Ignacio worked closely with the Traffic Operations Division which is responsible for keeping the city's 550 traffic signals operating 24 hours a day and the maintenance of nearly 3,600 parking meters. This division provides traffic signal maintenance and parking meter maintenance and collection support to the entire City (Belmont Shore and all the Marine Bureau area parking lots included) and the City of Seal Beach. Finally, as the City Traffic Engineer, he coordinated

with the Transportation Programs Division. The Division also administers the annual Rideshare Survey required by the South Coast Air Quality Management District, to promote ridesharing and carpooling to reduce emissions in the city in particular and the Los Angeles basin in general.

DIRECTOR OF ORANGE COUNTY ENGINEERING/CHIEF ENGINEER, ORANGE COUNTY

Ignacio was responsible for an annual budget of approximately $250 million and directing 6 divisions with a staff of over 500 personnel. The divisions directed included Orange County Flood, Orange County Inspection, Orange County Operation & Maintenance, Orange County Road, Orange County Survey, Project Management and Orange County Watershed. He was also responsible for the design, construction and maintenance of road, flood control, drainage and recreation facilities for the City (population of 3 million); the City Surveyor activities; and served as the Chief Engineer for the Orange City Flood Control District. He directed Public Works services including maintenance, construction management, and surveying to a number of cities in Orange City under contract.

ANTONIO PARKWAY & LA PATA AVENUE WIDENING PROJECT, ORANGE COUNTY

Ignacio provided Project Management supervision to County of Orange on the Antonio Parkway and La Pata Avenue Widening Project. The $25 million project spanned 1.5 miles, from Ladera Ranch to 1,000 feet south of Ortega Highway, and included 900 LF of bridgework across San Juan Creek. Antonio Parkway was widened from four to six lanes—40 feet to accommodate the two additional lanes of traffic and a sidewalk on each side. Bridgework included parkway improvements, a raised median, channel bank revetment at the south abutment, compaction grouting, and structural testing. The widening of the bridge and roadway occurred simultaneously and included grading and cement-treated soil, 3,691 LF of RCP storm drain, riprap for environmentally friendly drainage filtering, dry utility installations, 4,993 PVC pipe, utility conduits, four fire hydrants, traffic signal improvements and loops, signing and striping, video detection, and a Class I designated bike lane with special bicycle signal loops. The construction also included 448 LF of CIDH pile retaining wall with 42,000 pounds of steel reinforcement. Furthermore, the project required the installation of domestic, reclaimed, and non-potable waterlines as well as sewer installation and mainline trunk rerouting. The scope also included a dewatering and effluent treatment system onsite that handled 1 million gallons per day, and the bridge deck was picked up on one end to adjust cross-fall.

MANHATTAN BEACH & SEPULVEDA BLVD. WIDENING, MANHATTAN BEACH

Ignacio was the Project Manager to the City of Manhattan Beach. The proposed project limits include the intersection of Manhattan Beach Boulevard and Sepulveda Boulevard to accommodate dual left turn lanes in the northbound to westbound, eastbound to southbound, and westbound to northbound directions. The City of Lawndale is east of the project area, the City of Redondo Beach is south of the intersection, El Segundo sits to the north, and the Pacific Ocean to the west. Commercial businesses can be found throughout the project limits. The purpose of the project was to increase the operational capabilities of the intersection. This was accomplished by adding dual left turn lanes to the westbound, northbound and eastbound lanes. Northbound and southbound Sepulveda will have five travel lanes; two left turn lanes, and three through lanes. Eastbound and Westbound Manhattan Beach Boulevard will have five travel lanes; two left turn lanes, two through lanes and one dedicated right turn lane.

JOE DYER, PE

CONSTRUCTION MANAGER & TRAFFIC ENGINEER

FIELDS OF EXPERTISE: roadway, traffic, pavement, water, signal

45 YEARS OF EXPERIENCE

QUALIFICATIONS

BSCE Civil Engineering, Ohio State University, Ohio **MS & PHD PROGRAM** Virginia Polytechnic Institute & State University,Virginia **PE #31626**: Registered Civil Engineer **TE #1200**: Registered Traffic Engineer **CERTIFICATE** Certified in Building & Facility Maintenance, 2005

BACKGROUND

Joe Dyer has achieved a milestone of 45 years of expansive experience serving a number of Southern California Cities including Chino Hills, Glendora, Bell Gardens and Whittier, along with work as a Junior Civil Engineer for the California Department of Transportation. His role on a litany of CIP projects involved working as a Transportation Planner, Senior Engineer, City Traffic Engineer, and as The Director of Public Works. In over 4 decades worth of time serving, he has perfected his skills in disciplines involving street maintenance and rehabilitation, water and storm drains, parks and public facilities, bridges, transit, sewer, design engineering, contract administration, residential development, environmental litigation, and federal regulations compliance, among many other disciplines and project variations. Joe additionally has great familiarity in coordinating with City officials and councils, utility owners, and has served as liason between stakeholders and governing bodies. Joe has worked with several developers, engineers, and City Councils, becoming well established in advocating for a City's best interest.

EXPERIENCE

TRAFFIC MANAGEMENT MASTER PLAN, CHINO HILLS

Joe developed the Master Plan for the purpose of a fiber optic traffic management system, along with a signal communication system for the City. He also prepared RFPs and sought proposals from traffic signal consultants. The total budget for this project was $300,000.

TRAFFIC SIGNAL BACKPLATE IMPROVEMENTS, CHINO HILLS

Joe served as the Plan Coordinator for the Traffic Signal Backplate Improvements Project. The work was with a signal contractor and involved installing retroreflective borders for a selected number of traffic signal locations. This project was funded through an HSIP grant and was budgeted at approximately $123K.

BOYS REPUBLIC DRIVE AT CITY HALL PEDESTRIAN SIGNAL IMPROVEMENTS, CHINO HILLS

Joe provided plan, design and contract administration on the Boys Republic Drive at City Hall Pedestrian Signal Improvements Project. The work called for the installation of a H.A.W.K. signal for the purpose of enhancing pedestrian crossing, as well as effectively manage vehicular traffic at the intersection. The total approximate budget on this project was $150,000.

PEYTON DRIVE AND EUCALYPTUS AVENUE TRAFFIC SIGNAL MODIFICATION, CHINO HILLS

Joe provided plan, design, and contract administration for phasing modifications on the Peyton

Drive and Eucalyptus Avenue Traffic Signal Modification Project. The phasing was located at the intersection of Peyton Drive and Eucalyptus Avenue with the purpose of providing protective left turns and overlap right turn indicators. The approximate budget for this project was set at roughly $50,000.

GRAND AVENUE/SR71 TRUNK RELIEF AT BOYS REPUBLIC DRIVE, CHINO HILLS

Joe provided plan, investigations, and schedule reconstruction on the Grand Avenue and SR71 Trunk Relief at Boys Republic Drive Project. The reconstruction involved an existing sewer trunk line with modified manhole to improve the flow efficiency. Budget: $213K.

CITYWIDE WASTEWATER MASTER PLAN STUDY, CHINO HILLS

For the Citywide Wastewater Master Plan Study, the City had retained a consultant to evaluated the City's sewer collection system with its ability to meet projected demands for the upcoming years and identify needed capital improvements. Budget: $650K.

POMONA RINCON LIFT STATION, CHINO HILLS

Joe provided contract administration for upgrading the existing Pomona Rincon Lift Station facility with new pumps, additional telemetry, level sensing systems, flow meter and modifications to wet well as identified in the Pomona Rincon Left Station Evaluation Study. Budget: $486K.

EUCALYPTUS AVENUE RECYCLED WATERLINE INSTALLATION & TRAFFIC IMPROVEMENTS, CHINO HILLS

Joe provided plan, design, and contract administration for the installation of a recycled water line at Veterans Park, pavement rehabilitation for Eucalyptus Avenue, and the installation of a H.A.W.K. signal at the Galloping Hills Road Pedestrian Crosswalk. The project work included replacement of existing ADA ramps, adjust utility facilities, traffic striping and electrical work. Budget: $1.7M.

WATER MAIN SADDLE REPLACEMENT (PHASES I, II & III), CHINO HILLS

Joe provided plan, design and contract administration for over 1000 saddles and services replacement in residential neighborhoods on the Water Main Saddle Replacement Project - Phases I, II & III. Budget: $10M.

MAROON BELL WINCHESTER WATER MAIN REPLACEMENT, CHINO HILLS

For the Maroon Bell Winchester Water Main Replacement Project, Joe provided plan, design and construction administration for replacing 4,700 feet of 8-inch steel water main line in the Maroon Bell neighborhood. The project work involved working with the local neighborhood Homeowners Association. The work also included refurbishing the pavement of 10 of the private streets. This project had a budget of $1,000,000.

CITYWIDE STORM DRAIN MASTER PLAN STUDY, CHINO HILLS

Joe provided coordination and the retention of a consulting engineer to Update the Storm Drain Master Plan to develop the tools needed to plan, operate and maintain the City's storm drain infrastructure. This project was set at a budget of $848,000.

VRAVIS CIRCLE DRAINAGE IMPROVEMENTS, CHINO HILLS

Joe provided plan, survey, design, & contract administration to install a storm drain facility on Vravis Circle at Carriage Hills Lane to address the prevailing water issue at the intersection. Budget: $43K.

JUSTIN SMEETS, PE, PLS, QSD
PROJECT MANAGER

FIELDS OF EXPERTISE: roadway, traffic, LASER SCAN, DRONE, SURVEY

18 YEARS OF EXPERIENCE

QUALIFICATIONS

BS Civil Engineering, California State University, Fullerton, 2007 **PLS** Professional Land Surveyor, **#9293** **QSD/QSP** **#00852** Qualified SWPPP Developer **PE** **#78314**: Registered Civil Engineer **OCTA** was Certified for Pavement Assessment, Rehabilitation & Recommendations

BACKGROUND

Justin has 18 years of experience in civil engineering design, municipal engineering and facilities design, along with construction management, and construction administration. Using AutoCAD Civil 3D, Justin handles managing and developing engineering plans and specifications, mapping, executing land development and grading design projects, conducting earthwork calculations, and incorporating typical designs. He is proficient in federally funded projects and familiar with the Caltrans Local Assistance Procedures Manual. Justin has successfully taken multiple projects from the initial federal funding application, to the Preliminary Environmental Study, to E-76 approval, and all the way through construction of audited federally funded construction projects. He has experience managing construction projects and handles planning and running kickoff meetings with the contractor, reviewing project submittals, RFIs, CCOs, checking contractor invoices against field quantities, and coordinating daily construction details with the contractor and inspector. He has completed multiple SWPPPs and erosion and sediment control plans per the latest Construction General Permit. Justin is continuously increasing his skills in modern design software, and his knowledge of industry design standards.

EXPERIENCE

RESIDENTIAL STREETS PAVEMENT REHABILITATION PROJECT FOR AREAS 1, 2, & 4, DOWNEY

Justin is providing the City of Downey with Project Management services for the Residential Streets Pavement Rehabilitation Project for Areas 1, 2, and 4. The main objective is to improve the PCI of the area residential street segments in order to extend the street service life, improve safety, minimize costs and maintenance needs, and enhance aesthetics. In order to accurately develop a scope of work and fees for the design services, OE conducted a detailed field evaluation, a thorough review of the City's Pavement Management Plan, and approximated the costs for the construction activities to develop a final list of residential street segments. OE was then able to determine the quantity of streets that could be incorporated into the engineering design, which rehabilitation method to use and which method could be feasibly rehabilitated while adhering to the City's available budget, along with providing recommendations and estimates. Upon approval by the City, the team then began to prepare separate PS&E packages for areas 1, 2 and 4. The work across the three zones covered nearly 29 miles of residential streets. On a number of segments OE is using straight grade between tie-in points at adjacent segments to maximized drainage slopes. A total of 164 Curb Ramps are being reconstructed to meet ADA compliance along with 85 total driveways, in addition to street widening and single-sided street parking construction. Collaboration with Caltrans, LA City Flood Control District and Union Pacific Rail Road was also performed in order to acquire permit acquisitions on the segments. The work was completed on time within the assigned schedule and within the set budget.

190TH STREET PAVEMENT REHABILITATION PROJECT, TORRANCE

Justin was the Project Manager in the City of Torrance. The project included preparing PS&E, traffic striping and signing plans, traffic control, phasing plans and detour plans. The scope of work consisted of rehabilitating approximately 3,500 LF of roadway on 190th Street, Hawthorne Boulevard to Prairie Avenue. 190th St. is a major 6 lane arterial that runs parallel to the I-405 freeway and is a major gateway to the South Bay. The design included portions of grind and overlay, full depth reconstruction, AC cap, removal and replacement of curb gutter, and sidewalk, installing ADA-compliant ramps, and installing video detection systems at intersections, as well as various related improvements. The project required actively processing submittals through all reviewing agencies and ensuring the project design proceeded smoothly and successfully.

HARBOR BLVD. & GISLER AVE. INTERSECTION WIDENING, COSTA MESA

Justin was the Project Manager for the City of Costa Mesa. Due to the close proximity of the intersection to the I-405 Harbor on-ramp, there were extremely high turn movements both eastbound on Gisler Avenue turning left onto Harbor Boulevard as well as southbound on Harbor. As a result, this created heavy congestion during peak traffic hours. In order to alleviate the congestion, phase I of the project included only eastbound improvements; converting the eastbound optional through-right lane to an optional through-left lane, and adding an eastbound right-turn lane. Phase II entailed a conceptual feasibility study and right-of-way acquisition requirements for both north and southbound improvements, including the addition of a southbound right-turn lane, and the extension of the northbound optional through-right lane. The scope of work also included installing an overhead freeway sign, which required working with SoCal Gas to relocate a gas line in conflict with footings for the overhead sign. A detailed field analysis, specifications, and plans were provided, including measurements and exhibits, in conformance with MUTCD, Caltrans, and City standards. Additionally, coordination with SAF-r-DIG and utility companies was essential to perform potholing and identify utility obstructions.

SHOEMAKER AVENUE PAVEMENT REHABILITATION PROJECT, NORWALK

Justin was the Project Manager for the City of Norwalk for this pavement rehabilitation and drainage improvement project. The project limits on Shoemaker Avenue start on Rosecrans Avenue and ends at the Firestone Frontage Road. This 0.25-mile collector street segment was heavily distressed and showed block cracking, alligator cracking, and potholes. The scope of work included preparing plans, specifications and estimates for this 2,000 LF roadway. The project involved grind and overlay, full depth reconstruction, AC cap, sidewalk construction, cross-gutter construction, and drainage improvements. Furthermore, the roadway and adjacent parkway had a major drainage issue; the most cost-effective solution was drawn up for the City to relieve water ponding and increase the safety of the residents. As a result of Caltrans' impact on the I-5 Freeway widening, Caltrans designed and implemented the drainage improvements.

BENNETT AVENUE, WASHINGTON AVENUE, WESTRIDGE AVENUE AND BENDER AVENUE CUL-DE-SACS PROJECT, GLENDORA

Justin served as Project Manager to the City of Glendora This included the design of nearly 7,000 LF of new 8-inch ductile iron/C909 PVC water mains to improve flow, pressure and fire protection, along with 311,000 SF of streets requiring improvements. Other work includes a striping enhancement concept to incorporate marked class II bike lanes, repurposing crosswalk warning lights, reconstructing and replacing 16 ADA curb ramps for compliance, traffic signal inductive loop replacement, and water main appurtenance installation and replacement. A section of pipeline located at Bennett Avenue near Valencia Street passes beneath a storm drain, requiring directional drilling to facilitate new water main installation through the area. This was accompanied by assessments of fire hydrants, air and vacuum release valves, and water meters and services laterals.

RYAN DENNIS, P.ENG.
PROJECT ENGINEER

FIELDS OF EXPERTISE: roadway, ada ramp, pavement, signal, traffic

19 YEARS OF EXPERIENCE

QUALIFICATIONS

BS Civil Engineering, University of Calgary, Alberta, Canada, 2005 **MINOR** Environmental Engineering, University of Calgary, Alberta, Canada, 2005 **P.ENG.** Registered Civil Engineer (Canada) **CERTIFIED** AutoCAD & Civil 3D

BACKGROUND

As a Project Engineer for OE, Ryan leads the design team by performing and coordinating detailed designs on public works projects. Ryan has over 19 years of experience. He received his degree in Civil & Environmental Engineering from the University of Calgary and is a Registered Civil Engineer in Alberta, Canada. He possesses an ability to produce drawings, layouts, sketches, maps, and graphic representations of engineering designs. He also has extensive knowledge of AutoCAD Civil 3D. Ryan provides support during the overall engineering and design effort.

EXPERIENCE

NEWPORT BOULEVARD WIDENING IMPROVEMENTS PROJECT, COSTA MESA

Ryan served as Project Engineer for the City of Costa Mesa. The project consists of widening a portion 77 Fair Drive of southbound Newport Boulevard to accommodate a fourth through lane and improve its Level of Service from the current "F" rating (ranging from 1.10 to 1.30). The section of roadway to be enhanced extends approximately 2,700 linear feet southwest from 19th Street to the Superior Avenue turn-off located northeast of 17th Street. The project is located within Caltrans jurisdiction and requires traffic signal modifications, utility and street light relocations, and right-of way acquisitions to accommodate the additional through lane and right-turn pockets.

RESIDENTIAL STREETS PAVEMENT REHABILITATION FOR AREAS 1, 2, & 4, DOWNEY

Ryan was the Project Engineer for the City of Downey. The main objective is to improve the PCI of the area residential street segments in order to extend the street service life, improve safety, minimize costs and maintenance needs, and enhance aesthetics. In order to accurately develop a scope of work and fees for the design services, OE conducted a detailed field evaluation, a thorough review of the City's Pavement Management Plan, and approximated the costs for the construction activities to develop a final list of residential street segments. OE was then able to determine the quantity of streets that could be incorporated into the engineering design, which rehabilitation method to use and which method could be feasibly rehabilitated while adhering to the City's available budget, along with providing recommendations and estimates. Upon approval by the City, the team then began to prepare separate PS&E packages for areas 1, 2 and 4. The work across the three zones covered nearly 29 miles of residential streets. On a number of segments OE is using straight grade between tie-in points at adjacent segments to maximized drainage slopes. A total of 164 Curb Ramps are being reconstructed to meet ADA compliance along with 85 total driveways, in addition to street widening and single-sided street parking construction. Collaboration with Caltrans, LA City Flood Control District and Union Pacific Rail Road was also performed in order to acquire permit acquisitions.

CITYWIDE ADA CURB RAMPS/PATH OF TRAVEL PEDESTRIAN ACCESSIBILITY IMPROVEMENT, LONG BEACH

Ryan is providing Project Engineering services to the City of Long Beach involving Citywide ADA Curb Ramps and Path of Travel Pedestrian Accessibility Improvements. The objective of the project is to design and construct at least 20,000 new ADA compliant curb ramps over the next 20 years in accordance with current State and Federal accessibility codes and standards. The project is to complete 1,000 of those ramps deemed most critical for accessibility. OE's team utilizes AutoCAD Civil 3D on 3D surfaces for the designs in compliance with the Long Beach Standard Plan No. 122 in order to satisfy the maximum allowable slopes dictated in the most current version of Caltrans Standard Plan A88A, and has had to consider other accessibility standards due to occasional unavailability of a suitable ramp case and type. The project work entails the preparation of detailed individual curb ramp construction plans with the inclusion of horizontal geometrics, design elevations and dimensions, and utility appurtenance adjustments and relocations, along with concrete infrastructure such as curb, gutter, cross-gutters, and sidewalk. The necessary reconstruction is incorporated in order to accommodate the new curb ramps, meet accessibility requirements, and maintain drainage. Additional design elements have also required consideration, which involve constructing 32"x54" size flat landings next to each pedestrian push-button at signalized intersections and installing guardrails where retaining curbs adjoin walkable hard surfaces. Due to the large volume of ramps reconstructed each year, small batches of design details and construction of the ramps are being provided to the City at regular intervals through out a continuous process, with City submittals made on a monthly basis at a scaled frequency and quality.

SPRING ST.-BELLFLOWER/LAKEWOOD BLVD. INTERSECTION IMPROVEMENT, LONG BEACH

Ryan was the Project Engineer for the City of Long Beach for two intersection widening projects along Spring Street. The first project is along Spring Street at Bellflower Boulevard and the other is along Spring Street at Lakewood Boulevard. The goal of the project was to implement congestion management and reduction strategies at these intersections to improve capacity and movement for future volumes. The project included design work for raised medians, traffic signal modifications, turn pocket extensions, utility relocation and utility adjustments. The existing conditions at the intersection of Spring Street and Bellflower Boulevard included a single left turn lane in each direction, three through lanes in each direction, and dedicated right turn pockets for all intersection legs except for the west leg. The intent at this intersection was to extend the left turn pockets for the north, east and south legs. The project also extended the southbound right turn pocket. The existing conditions at the intersection of Spring Street and Lakewood Boulevard include Dual left turn pockets in all directions, three through lanes in all directions and dual right turn lanes from southbound Lakewood Boulevard to westbound Spring Street. The future capacity required an increase in pocket lengths for the left turn pockets in each direction on Spring Street along with an increased length of the dual right turn pockets on southbound Lakewood Boulevard.

IRVINE CENTER DRIVE PAVEMENT REHABILITATION, IRVINE

Ryan served the City of Irvine as Project Engineer on the Irvine Center Drive Pavement Rehabilitation, Jeffrey Road to Sand Canyon Avenue Project. The project consisted of rehabilitating the section of Irvine Center Drive between Jeffrey Road and Sand Canyon Avenue that has a total length of approximately 5,100 linear feet (0.97 miles). The project joined the easterly limit of the Jeffrey Road and Irvine Center Drive Intersection Improvements project. Associated sub-tasks for this project included constructing ADA compliant curb ramps and driveways; reconstructing damaged curb, gutter, cross-gutters, and sidewalks; adjusting or relocating utility appurtenances; and replacing signing and striping.

DAYTON LOWE
PROJECT ENGINEER

FIELDS OF EXPERTISE: roadway, ada ramp, pavement, drainage, drone

30 YEARS OF EXPERIENCE

QUALIFICATIONS

COURSEWORK Civil Engineering, Technology & Construction Management, Boward College
OCTA was Certified for Pavement Assessment, Rehabilitation and Making Recommendations
CERTIFIED AutoCAD & Civil 3D

BACKGROUND

As a Project Engineer for OE, Dayton performs and coordinates detailed designs on arterial roadways, utility coordination for major relocations on high profile projects and assistance in coordination efforts on multiple projects. He possesses an ability to produce drawings, layouts, sketches, maps, and graphic representations of engineering designs. He also has extensive knowledge of AutoCAD, Autodesk Civil 3D, Eagle Pointe Civil package and others. Dayton provides support during the overall engineering and design effort, including the preparation of design drawings and calculations. He is experienced in developing residential, commercial, and industrial conceptual site plans from the preliminary phase to final construction documents; knowledgeable in the design of gravity sanitary sewer systems; skilled in the design of sanitary sewer pump stations and force main systems; accomplished in the design of water mains for residential, commercial and industrial projects; practiced in the design of drainage systems; talented in preparing drainage calculations for effective and efficient drainage systems; and familiar in the design of grading plans for storm water drainage and ADA compliance. Dayton is also extremely proficient in preparing and submitting packages to governmental agencies to obtain required permits for construction and in the design of roadway layouts including intersections, roundabouts, turn and travel lanes.

EXPERIENCE

CITYWIDE ADA CURB RAMPS/PATH OF TRAVEL PEDESTRIAN ACCESSIBILITY IMPROVEMENT, LONG BEACH

Dayton is the Project Engineer to the City of Long Beach involving Citywide ADA Curb Ramps and Path of Travel Pedestrian Accessibility Improvements. The objective of the project is to design and construct at least 20,000 new ADA compliant curb ramps over the next 20 years in accordance with current State and Federal accessibility codes and standards. The project is to complete 1,000 of those ramps deemed most critical for accessibility. OE's team utilizes AutoCAD Civil 3D on 3D surfaces for the designs in compliance with the Long Beach Standard Plan No. 122 in order to satisfy the maximum allowable slopes dictated in the most current version of Caltrans Standard Plan A88A, and has had to consider other accessibility standards due to occasional unavailability of a suitable ramp case and type. The project work entails the preparation of detailed individual curb ramp construction plans with the inclusion of horizontal geometrics, design elevations and dimensions, and utility appurtenance adjustments and relocations, along with concrete infrastructure such as curb, gutter, cross-gutters, and sidewalk. The necessary reconstruction is incorporated in order to accommodate the new curb ramps, meet accessibility requirements,

and maintain drainage. Additional design elements have also required consideration, which involve constructing 32”x54” size flat landings next to each pedestrian push-button at signalized intersections and installing guardrails where retaining curbs adjoin walkable hard surfaces. Due to the large volume of ramps reconstructed each year, small batches of design details and construction of the ramps are being provided to the City at regular intervals through out a continuous process, with City submittals made on a monthly basis at a scaled frequency and quality.ired consideration, which involve constructing 32”x54” size flat landings next to each pedestrian push-button at signalized intersections and installing guardrails where retaining curbs adjoin walkable hard surfaces. Due to the large volume of ramps reconstructed each year, small batches of design details and construction of the ramps are being provided to the City at regular intervals through out a continuous process, with City submittals made on a monthly basis at a scaled frequency and quality.

NEWPORT BOULEVARD WIDENING IMPROVEMENTS, COSTA MESA

For the City of Costa Mesa, Dayton provided Project Engineering services. The project consists of widening a portion 77 Fair Drive of southbound Newport Boulevard to accommodate a fourth through lane and improve its Level of Service from the current “F” rating (ranging from 1.10 to 1.30). The section of roadway to be enhanced extends approximately 2,700 linear feet southwest from 19th Street to the Superior Avenue turn-off located northeast of 17th Street. The project is located within Caltrans jurisdiction and requires traffic signal modifications, utility and street light relocations, and right-of way acquisitions to accommodate the additional through lane and right-turn pockets.

EUCLID ROADWAY AND SEWER RECONSTRUCTION PROJECT, FULLERTON

Dayton was the Project Engineer to the City of Fullerton on the Euclid Roadway and Sewer Reconstruction Project from Williamson to Fern Project. The project consisted of reconstructing or resurfacing approximately 3,700 linear feet of arterial streets between Fern Drive and Williamson Avenue and replacing approximately 1,700 feet of sewer mains between Malvern Avenue and Commonwealth Avenue. The sewer work included removing the existing 10-inch VCP and replacing it with new 12-inch VCP pipe between Commonwealth and Malvern and removing and replacing sewer north of Malvern to the end of the street project limits at Fern without upsizing. The worked also included removing the manholes at the center of the Euclid Street/Chapman Avenue intersection and establishing a new connection point approximately 50 feet to the east along Chapman Avenue as well as reconstructing the double barrel siphon and adjusting invert elevations to achieve a suitable slope. The design utilized a trenchless method to install the siphon beneath the OCPW Brea Creek Channel. Additional tasks included adjusting manhole elevations and reconnected service laterals, constructing new curb and gutter where gutter is absent, constructing ADA compliant curb ramps, and repairing curb, gutter, cross gutters, sidewalks and driveways where required. The City utilized SB1 funds for the road rehabilitation and local funds for the sewer improvements.

LOVEKIN BLVD. & BARNARD ST. REHABILITATION, BLYTHE

As Project Engineer on The Lovekin Blvd., and Barnard St. Rehabilitation Project in the City of Blythe, Dayton’s duties entails services to rehabilitate two street segments, 66,403 SF of Lovekin Boulevard, from Hobson Way to Barnard Street; and 81,946 SF of Barnard Street, from the first alley easterly of Lovekin Boulevard to the west edge of Main Street. The combined length is approximately 2,795 linear feet (0.53 miles). The work also includes replacing existing curb ramps with ADA compliant curb ramps, concrete infrastructure repairs (i.e. curb, gutter, sidewalk, and driveways), adjusting or relocating utility appurtenances, and signing and striping replacement.

DAVID LORIA
PROJECT ENGINEER

FIELDS OF EXPERTISE: CALTRANS | BRIDGE | PAVEMENT | WATER | ROADWAY

15 YEARS OF EXPERIENCE

QUALIFICATIONS

3 YEAR COURSEWORK Computer Science, California State University, Fullerton, 2004 **AS DEGREE** Construction Management, Santiago Canyon College **QSP** Qualified SWPPP Practitioner **35 YEARS** Public Works Construction, The City of Orange

BACKGROUND

Jeffrey Eaton is a long-time experienced and motivated construction inspector, having acquired successful employment with many reputable companies. Jeffrey has also recently obtained an AS degree in Construction Management from Santiago Canyon College. Jeffrey has accumulated 37 years of experience in public works construction for the County of Orange alone, with 11+ years of that in serving as a construction inspector for City Capital Improvement Projects, which called for encroachment permits, subdivisions, job order contracts, and Caltrans projects. Jeffrey has recently come out of retirement, having last served as a Senior Construction Inspector with a current certificate for Qualified SWPPP Practitioner (QSP). In his previous experience involving with public works projects, Jeffrey was involved in and responsible for testing and inspecting construction materials, performing geotechnical investigations, and pavement design and rehabilitation.

EXPERIENCE

RIGHT-OF-WAY & PROPERTY PERMITS INSPECTION, ORANGE COUNTY

Jeffrey provided construction inspection services on public works construction projects involving work in The County of Orange Right-of-Way and County Property Permits. This included inspecting various permits for homeowners, utility companies, developers, and businesses. Jeffrey also reviewed engineering plans for permit construction, which required the use of the County's CPP system. Jeffrey further inspected the subdivision work, which included curb and gutter, sidewalk, paving, storm drain, catch basins, landscaping, grading, and utility installment. Jeffrey also performed grading inspections in subdivision construction for private property projects, which included inspecting mass grading in subdivision, retaining walls, and building foundations, along with reviewing certificates of compliance from engineers and contractors, and reviewing grading plans and geotechnical reports. Jeffrey made sure to perform the daily entries into the department's APPS system.

OSO PARKWAY BRIDGE AT SR 241 CALTRANS PROJECT, ORANGE COUNTY

Jeffrey served as the Lead Construction Inspector on Oso Parkway Bridge at SR 241 Caltrans Project for The County of Orange. The project involved the inspection of temporary traffic control, paving, grading, storm drain, traffic signals, striping, post construction BMP's, temporary BMP's, a concrete barrier, The Midwest Guardrail System, overhead sign structures, roadside signs, toll road booth structure removal, toll plaza construction (with jointed plane concrete pavement), bridge pile driving, temporary soil nail shoring, bridge abutment, and a bridge approach slab. Jeffrey additionally assisted the structure inspector for a bridge construction inspection. Other

tasks Jeffrey performed included writing daily inspection reports, preparing weekly statement of working days, preparing monthly progress payments, and reviewing submittals and RFI's, along with reviewiing extra work bills, and maintaining a professional working relationship with the Resident Engineer, Structure Inspector, Caltrans Permit Coordinator, Transportation Corridor Agency, Design Engineer, and the general public.

OCPW CAPITAL IMPROVEMENT PROJECTS, ORANGE COUNTY

Jeffrey provided construction inspection services on Capital Improvement Projects for County of Orange Public Works (OCPW) on work that included arterial highway construction, storm drain construction, slurry seal, asphalt concrete overlay, landscaping, flood control construction, and structural concrete. Part of Jeffrey's tasks required the review of plans, special provisions, and estimates for various types of projects, writing contract change orders, preparing progress payments with quantity calculations, reviewing contract submittals and RFI's, reviewing extra work bills, preparing weekly statement of working days, and producing daily inspection reports. Jeffrey also conducted preconstruction meetings and weekly progress meetings, along with inspecting Job Order Contracting maintenance projects, and performing NPDES compliance inspections on all projects.

COUNTY PROPERTY PERMITS INSPECTIONS, ORANGE COUNTY

Jeffrey provided construction inspection services for public works construction for work in County Right-of-Way for County Property Permits. This included inspecting various permits for homeowners, utility companies, developers, and businesses. Jeffrey also review engineer plans for permit construction, being well versed in using the County's CPP system. Jeffrey also inspected subdivision work for County of Orange, which included curb and gutter, sidewalk, paving, storm drain, catch basins, landscaping, grading, and utility installment, and he performed grading inspections in subdivision construction and private property. This included inspecting mass grading in subdivision, retaining walls, and building foundations. Jeffrey further inspected certificates of compliance from engineers and contractors, and he reviewed grading plans and geotechnical reports, performed daily entries into the Department's APPS system, and performed NPDES compliance inspections on all projects.

PAVEMENT ANALYSIS & INVESTIGATIONS, SANTA ANA

Jeffrey provided construction inspection services and supervised engineering technicians in the process of performing pavement analysis and investigations in the City of Santa Ana. Additional work for Jeffrey included performing the pavement analysis using ground penetrating radar and a falling weight deflectometer, and the design work for overlay thicknesses for the City's resurfacing projects. Jeffrey also reviewed plans and specifications for The City Public Works Projects in which he wrote geotechnical and materials reports for the City geotechnical engineer, in which involved design work requiring compliance to The City Standard Plans and Greenbook Specifications. Further design work included traffic control plans using the MUTCD, and further geotechnical investigations involved field techniques such as drilling, site reconnaissance, and visual inspection. Lastly, Jeffrey assisted the geotechnical engineer and engineering geologist in inspecting the Seven Oaks Dam periodically, lending a geotechnical engineer point of view.

ROADWAY REHABILITATION DOCUMENTATION & DRAFT REPORTING, SANTA ANA

Jeffrey was tasked with evaluating and analyzing designed road structural sections for rehabilitation, writing Materials Reports for geotechnical projects, subdivisions, and arterial highways, and writing street rehabilitation reports for City and City road projects. This included reports on strategies for rehabilitation, along with mapping removals and replacements, including measuring quantities. Jeffrey was also involved in the design and implementation of various computer applications and drafting boring logs, project exhibits, and maps.

JASON TO
PROJECT ENGINEER

FIELDS OF EXPERTISE: roadway, ada ramp, pavement, survey, water main

6 YEARS OF EXPERIENCE

QUALIFICATIONS

COURSEWORK Public Works Inspector, Business Administration & Computer Technology
CALTRANS CERTIFIED CTM-375: AC Pavement In-Place Density, CTM-201: Sample Preparation, CTM-539: Concrete Sampling, CTM-533: Ball Penetration

BACKGROUND

Tim is a Public Works Inspector with 32 years of experience working almost exclusively as a Public Works Inspector for a variety of cities including the cities of Anaheim, La Quinta, Murrieta, Mission Viejo, Fremont, and Hawthorne. Tim's experience includes projects of all sizes. His accuracy and efficiency in the field ensures a successful and well-documented project, from construction through closeout. Tim's work will always include making sure that the jobsite is safe and that the contractor is efficient with his time. He has worked on community facilities, and roadway projects including traffic signal, storm drain, sewer and water projects. His experience and familiarity with Caltrans makes him a valuable addition to any Public Works Inspection team.

EXPERIENCE

INGLEWOOD AVENUE & FLAGLER LANE RESURFACING, REDONDO BEACH

Tim provided Construction Inspection services to the City of Redondo Beach. The project limits are on Inglewood Avenue between Grant Avenue and 190th Street (3,800 linear feet) and on Flagler Lane from 190th Street to Beryl Street (1,060 linear feet) adjacent to the Dominguez Park and Redondo Beach Dog Park. The project includes asphalt and concrete removals, street resurfacing, driveway and alley approaches, cross gutter and spandrel construction, ADA curb ramp construction, utility adjustment, cross gutter replacement, slot paving, signing and striping, tree removal and installation, seal coating, traffic loop detector installation, and other items per plans and specifications.

ELM STREET RESURFACING & WATERLINE REPLACEMENT, BREA

Tim was a Senior Inspector for the City of Brea. The project's roadway improvements spanned 4,100 LF and included a 2-inch cold mill, 2.75-inch Type III-B2 base course, and a 2-inch ARHM overlay. The scope also included widening the street to accommodate 5-foot sidewalks, replacing access ramps to meet ADA standards, installing 2 new cross-gutters, repairing 2 additional cross-gutters, and replacing several homeowner driveways. Furthermore, the waterline improvements included abandoning a 6-inch main, connecting 7 side-street water lines to the existing 12-inch water main on Elm Street, installing 42 water valves ranging in size from 8-inch to 12-inch, connecting 62 existing water services to the 12-inch main, and installing 12 new fire hydrant assemblies. This project required heavy traffic control and coordination with residents.

ARROW HIGHWAY & LONE HILL AVENUE IMPROVEMENT, SAN DIMAS

Tim was the inspector on the City of San Dimas. The project limits included the Arrow Highway and Lone Hill Avenue intersection, Lone Hill Avenue from 500 feet north of Arrow Highway to Cienega Avenue, and Gladstone Street from Monte Vista Avenue to San Dimas Avenue. The

scope of work included 2,364 CY of excavation, removing 1,268 LF of concrete curb and gutter, 6,229 SF of concrete sidewalk, and 965 LF of curb, constructing river rock cobble paving in the medians on Arrow Highway, installing 7,299 tons of asphalt concrete pavement, constructing Class II aggregate base, and cement-treated base. Furthermore, the project entailed 10,332 SF of cold-milling to 2-inch depth of asphalt concrete pavement, constructing 8 inches of PCC curb and gutter, 6 inches of PCC curb and gutter, a commercial driveway, 5-foot-wide PCC sidewalk, and 12 curb ramps. In addition, the work involved adjusting the landscape and irrigation system on the medians, installing traffic signals on Arrow Highway at the Lone Hill intersection, removing 5 trees, installing Asphalt Rubber Hot Mix, installing 31 traffic loops, adjusting water and gas valves and manholes to grade, relocating traffic signal pull boxes, and installing a catch basin.

ANTONIO PARKWAY WIDENING, ORANGE

Tim was a second Senior Inspector to the City of Orange. This $25 million project spanned 1.5 miles, from Ladera Ranch to 1,000 feet south of Ortega Highway, and included 1,000 LF of bridgework across San Juan Creek. Antonio Parkway was widened from four to six lanes. The bridge was widened by 40 feet to accommodate the two additional lanes of traffic. Bridgework included parkway improvements, a raised median, channel bank revetment at the south abutment, compaction grouting, and structural testing. Roadway and bridge widening occurred concurrently and included grading and cement-treated soil, 3,691 LF of RCP storm drain, riprap for environmentally friendly drainage filtering, dry utility installations, 4,993 PVC pipe, utility conduits, 4 fire hydrants, traffic signal improvements and loops, signing and traffic striping, and 448 LF of retaining wall with 42,000 pounds of steel reinforcement.

ADA ACCESSIBILITY RAMPS, PHASE II (CDBG FUNDED), PLACENTIA

Tim provided inspection services on Phase III of the ADA Accessible Ramps Project for the City of Placentia. The project called for removing and constructing sixty-six (66) ADA ramps, 14,000 SF of sidewalk, 1,600 LF of curb and gutter, two drive approaches and removal of 19 parkway trees. It was critical that the ramps be constructed in compliance with current Americans with Disability Act standards and requirements. Furthermore, design services included a site assessment and field gathering data for each ramp location, a design analysis and preparation of the Design Recommendation to achieve ADA compliance, a survey elevation for 20 identified locations, and the preparation of the project specifications. The project required working with the City staff to complete the construction documents on schedule. Moreover, the construction management and inspection phase included employee interviews, reviewing certified payrolls, checking all grades, and keeping the contractor on schedule and within budget for this federally funded CDBG project.

SIDEWALK REPAIR: HANDICAP ACCESSIBILITY - I-135, TORRANCE

Tim provided inspection services on the Sidewalk Repair for Handicap Accessibility Project for the City of Torrance. This project was CDBG funded and included 79,300 SF of sidewalk removal and construction of a 3 1/2” thick PCC sidewalk over 4” CMB, 5,300 LF of curb and gutter removal and replacement to match existing curb heights and gutter widths, restoration of 1 ft. wide AC pavement, 10,900 SF of driveway replacement and constructing 4” thick PCC driveway over 6” CMB, 180 LF of removing the existing corner radius curb and constructing a new variable height corner PCC curb. The project also entailed the removal of 11,870 SF of cross gutter with curb & gutter and subgrade, 1,900 SF of pavement replacement, furnishing and installing 285 parkway trees, and 310 locations of root pruning. Additionally, the work entailed periphery parkway improvements and 10 detectable warning surface panels at access ramps. Furthermore, the scope of work involved installing a landscaping and irrigation system, removing and replacing water meter utility covers, and pavement markings.

ERIC URSO, LSIT
PROJECT ENGINEER

FIELDS OF EXPERTISE: ROADWAY, ADA RAMP, SURVEY, BIKE TRAIL, PAVEMENT

10 YEARS OF EXPERIENCE

QUALIFICATIONS

BS Civil Engineering, The Citadel, The Military College of South Carolina **MS** Geographic Information Science, California State University, Long Beach **LSIT** **#9297**: Land Surveyor-In-Training **TOOLS** AutoCAD, SurveyCAD and Civil 3D

BACKGROUND

Eric found his passion in the Civil Engineering field over 10 years ago, graduating with a Bachelor of Science in Civil Engineering from The Citadel, The Military College of South Carolina, and very recently completing his Master's program at California State University, Long Beach in Geographic Information Science (GIS). He has spent many years working in construction management. His time spent in construction management helped him understand many of the inner-workings of the industry. Lately, within the past year, Eric has focused his attention toward Land Surveying. In that role, he has performed topographic surveys, construction surveys, boundary surveys, and construction staking, which has sharpened his skills and increased his attention to detail, allowing for a more clear understanding when applying his skills and experience to CAD work, including proficiency with Pix4DMapper, ENVI and photogrammetry. Eric has now worked as a Land Surveyor on various projects for Los Angeles and Orange Counties. Such projects include the 6th Street Bridge in Downtown Los Angeles, Metro Purple Line Extension Section 3 in Century City, and 405 Highway Widening for Orange County Transportation Authority (OCTA). This work includes proficiency in using the Leica Total Station System and Data Collector and the use of GPS for traversing and establishing bench marks.

EXPERIENCE

247TH STREET AREA WATER MAIN REPLACEMENT PROJECT, LOMITA

Eric served as Project Engineer to The City of Lomita for the 247th Street Area Water Main Replacement Project. The project limits were on 246th Street, 247th Place, 248th Street, Western Avenue and Lomita Boulevard and involved the installation of 3,300 linear feet of new 6-inch PVC water mains to provide improved flow, pressure, and fire protection. The existing 4-inch/6-inch water main systems were constructed between 1928 and 1930 and had exceeded its useful service life. The proposed water main was installed parallel to the existing main while keeping the old line in service to minimize downtime for the public. All fire hydrants, service laterals, valves, blow-offs, air release valves, and other associated water appurtenances were replaced, and sectional pavement, curb gutter and sidewalk were removed and reconstructed according to ADA standards and drainage patterns. Encroachment permits from Caltrans and the City of Los Angeles within their jurisdictions were secured. Funding was sourced from the City's CIP Program and the FEMA Hazard Mitigation Grant Program.

EUCLID STREET REHABILITATION & RESURFACING, FROM EDINGER TO WARNER AVENUE, FOUNTAIN VALLEY

Eric served as Project Engineer to the City of Fountain Valley on the Euclid Street Rehabilitation and Resurfacing Project, which was located on Euclid Street, from Edinger Avenue to Warner Avenue. Approximately 5200 linear feet (1 mile) of roadway required rehabilitation which involved

curb, gutter and sidewalk reconstruction, 8 curb returns with ADA curb ramp and 5 driveways to be replaced, signing and striping replacement, and utility appurtenance adjustments. Aerial photographs of the street were captured for use in base map features which included utility appurtenance locations, digout areas, street striping configurations, and pavement limits, along with a topographic survey. The construction budget of this project totaled approximately $1.7 M.

BENNETT AVENUE, WASHINGTON AVENUE, WESTRIDGE AVENUE AND BENDER AVENUE CUL-DE-SACS PROJECT, GLENDORA

Eric served as Project Engineer on the Bennett Avenue, Washington Avenue, Westridge Avenue and Bender Avenue Cul-De-Sacs Project for the City of Glendora. This included the design of nearly 7,000 LF of new 8-inch ductile iron/C909 PVC water mains to improve flow, pressure and fire protection, along with 311,000 SF of streets requiring improvements. Other work included a striping enhancement concept to incorporate marked class II bike lanes, repurposing crosswalk warning lights, reconstructing and replacing 16 ADA curb ramps for compliance, traffic signal inductive loop replacement, and water main appurtenance installation and replacement. A section of pipeline located at Bennett Avenue near Valencia Street had passed beneath a storm drain, requiring directional drilling to facilitate new water main installation through the area. This was accompanied by assessments of fire hydrants, air and vacuum release valves, and water meters and services laterals.

DURFEE AVENUE & RAMONA BOULEVARD SIDEWALK IMPROVEMENTS PROJECT, EL MONTE

Eric was the Project Engineer for the City of El Monte on the Durfee Avenue and Ramona Boulevard Sidewalk Improvements Project (CIP No. 002). The project limits included two areas. The first was south side of Ramona Boulevard, between the eastern city limit - west side of San Gabriel River Trail – and Durfee Avenue (1,115 linear feet). The second location was on both sides of Durfee Avenue, between Ramona Boulevard and the address of 4000 Durfee Avenue (2,525 linear feet). The project had five main objectives. (1) reconstruct sidewalks, driveways, and curb ramps within project limits as necessary to comply with current ADA requirements. (2) identify surface utilities preventing ADA compliance and provide design alternatives that include constructing around the interfering utilities or relocating them. (3) evaluate existing infrastructure (sidewalks, driveways, and curb ramps) for adherence to current ADA requirements. (4) construct new ADA compliant sidewalk where absent. (5) ensure all improvements are constructed within the existing right-of-way.

ZONE 3 COLLECTOR ROAD IMPROVEMENTS PROJECT, LAGUNA BEACH

Eric served as Project Engineer to the City of Laguna Beach toward the development of Plans, Specifications & Estimates for street improvements of Park Avenue, from Glenneyre Street to Wendt Terrace; Glenneyre Street, from Park Avenue to Thalia Street; and Thalia Street, from Temple Hills Drive to the South End The City. The project consisted of rehabilitating approximately 3,200 linear feet of Park Avenue, 2,500 linear feet of Glenneyre Street, and 2,500 linear feet of Thalia Street. Additional tasks include analyzing crown slopes at pedestrian crossings to reduce crossfall and steep crowns, as needed, along with utility adjustments, a record of survey on Thalia Street, a two-phase set of traffic control plans, and signing and striping. Traffic control and detour plan phasing was also included in order to accommodate the summer moratorium. For Thalia Street, OE prepared a Record of Survey and filed with the County of Orange illustrating the existing centerline from Temple Hills Drive to the southwest end. .

METRO DIVISION 20 PORTAL WIDENING TURNBACK, LOS ANGELES

On the Metro Division 20 Portal Widening Turnback Project for the City of Los Angeles, Eric processed and reviewed submittals, RFIs, and correspondence for construction services in Metro Rail Yard which consists of demolition, civil improvements, traction power substation, ductbanks, street improvements, support of excavation, and structural bridge reinforcement.

JARED SPEICHER, EIT
PROJECT ENGINEER

FIELDS OF EXPERTISE: WIDENING | PAVEMENT | ROADWAY | ADA RAMP

38 YEARS OF EXPERIENCE

QUALIFICATIONS

AA DEGREE Civil Engineering Technology, LA College **CHANNEL INSPECTION** Drainage & Flood Control **4 YEARS** Supervising Inspector, County of Orange **23 YEARS** Senior Inspector, County of Orange

BACKGROUND

Carlos is a Construction Inspector with 38 years of experience in public works inspection. Carlos has worked for 23 years as a Senior Construction Inspector and 4 years as a Supervising Construction Inspector for the City of Orange. His knowledge of the Orange City Standards & Construction Specifications Manual is unmatched. On each project, he was responsible for performing quality assurance inspections to achieve compliance with the contract documents, plans, and specifications on all phases of construction. His inspection work experience extends to roadway and heavy drainage, paving, structures, grading, sewer, water, electrical and sign installation, and landscaping items - many projects which have required extensive utility relocation coordination.

EXPERIENCE

TUSTIN AVENUE & BRIDGE WIDENING AT HANDY CREEK, ORANGE COUNTY

Carlos served as the Construction Inspector on this street and bridge widening project. The project entailed widening Tustin Ave. from Orangethorpe Ave. to 2,000' south and widening the bridge at Handy Creek. Construction included curb and gutter, sidewalk, ADA ramps, bridge piles, abutment extensions, vertical wall reinforced concrete channel at bridge undercrossing, AC bridge approach to BNSF railroad crossing. Carlos performed all duties of inspector, including earthwork, line and grade for street improvements, driving of piles to specified bearing and tip elevation, forms, reinforcing steel bar, concrete placement for bridge structures, relocation of OCSD sewer main, coordination with OCSD Inspection, BNSF for work adjacent to tracks including obtaining BNSF safety card as required, measuring, calculating quantities for progress payments, work site photos for project records, provided Contract Change Order drafts to Resident Engineer for submittal. Carlos coordinated utility relocations to keep the project on schedule. In addition to inspecting the utility relocations to ensure permit requirement compliance and proper horizontal and vertical locations, Carlos effectively coordinated meetings with affected utilities, provided management of construction activities, ensured traffic control, and reviewed utility agreements, and utility relocation plans, and identified critical delivery constraints for all utilities. For the drainage work on this project, Carlos reviewed the Contractor's Haul Plan identifying the route for hauling material, traffic control, and ensured compliance with the Specifications and the MUTCD.

GLASSELL STREET BRIDGE WIDENING, ORANGE COUNTY

Carlos served as the Construction Inspector on this bridge widening project on Glassell Street over the Santa Ana River. Construction included phased traffic detours, curb and gutter, sidewalks, steel piles, pile caps, abutment extensions, precast girders, bridge restrainers,

decorative retaining walls, AC bridge approaches, bicycle/pedestrian bridge undercrossing, temporary and final relocation of irrigation main and lines. Carlos coordinated utility relocations to keep the project on schedule. He was tasked with coordination of extensive utility relocations. Carlos inspected the utility relocations being performed by each respective utility company to ensure that they met applicable permit requirements and confirmed that the horizontal and vertical location of the utility was in accordance with the requirements of the utility agreement and the construction contract drawings. Carlos performed all duties of inspector, including diversion of river flows, installation of phased traffic detours, earthwork, line and grade for street improvements, driving of piles to specified bearing and tip elevation, forms, reinforcing steel bar, concrete placement for bridge structures, fabrication of concrete strength test specimens, measuring and calculating quantities for progress payments, coordination with OC Water District for river flow diversions, performing a force account analysis resulting in a savings to the County, and preparing Contract Change Order drafts.

LINCOLN BOULEVARD REPAVING PROJECT-FEDERAL GRANT, SANTA MONICA

Carlos served as the Construction Inspector to the City of Santa Monica on the Lincoln Boulevard Paving Project which was funded utilizing Federal Transportation Grant. The project limits were at Lincoln Boulevard from the I-10, to the South City limits. Construction was done on Lincoln Boulevard, an undivided arterial roadway, which provides access through commercial portions of Santa Monica, intersecting other major arterials such as Pico Blvd. and Ocean Park Blvd., while also serving as a primary travel route through the City, carrying traffic to multiple points including Marina Del Rey, Pacific Palisades, and LAX. In addition to the roadway rehabilitation, the work entailed constructing a concrete bus lane on Lincoln Blvd., repairing the concrete sidewalks, driveways, and access ramps. The work also entailed enhanced striping and traffic signal installation. This project required extensive coordination with businesses and stakeholders as a result of the construction affecting them the most.

PALOS VERDES BOULEVARD REHABILITATION, I-121, TORRANCE

Carlos provided inspection services to the City of Torrance on the Palos Verdes Boulevard Rehabilitation Project. The scope of work included rehabilitating Palos Verdes Boulevard between Pacific Coast Highway (PCH) to the City of Torrance southern city limits. The roadway rehabilitation included variable depth cold-milling and overlay, and full-depth repairs on severely deteriorated areas. The project also included concrete improvements to curb, gutter, sidewalks, driveway aprons, cross-gutters, traffic signal upgrades, and new Class 2 bike lanes. Furthermore, the scope of work entailed repairing and lining a sewer pipe, catch basin modifications, landscaping, irrigation, cobblestone hardscape, ADA ramps, and traffic striping.

ATLANTIC BLVD. & FIRESTONE AVE. REHABILITATION PROJECT, SOUTH GATE

Carlos was an Inspector on this project for the City of South Gate. The project limits were on two arterial streets: Atlantic Avenue from Firestone Boulevard to Patata St. (~1,300 LF) and Firestone Boulevard, from Dorothy Avenue to Atlantic Ave. (~2,200 LF). The project involved the widening and realignment of the intersection to increase the number of thru, left turn lanes, the length of turn pockets, and right turn lanes. In addition to the widening, the scope entailed a concrete approach to the intersection; concrete intersection; grind and ARHM overlay; four legs of the intersection; 50,000 SF of sidewalk, 1,850 LF of curb and gutter, 2,100 LF of DIP waterline and 2,840 LF of recycled waterline, and 4,656 LF of median island curb with decorative landscaping and a city monument sign. This project was funded with Measure R, MTA and other state funding sources, and required the preparation of an award package and the continued upkeep of project files, invoices, reports and submittals in accordance with Caltrans' LAPM.

HENRY LU
PROJECT ENGINEER

FIELDS OF EXPERTISE: roadway, ada ramp, pavement, survey, water main

6 YEARS OF EXPERIENCE

QUALIFICATIONS

BS Civil Engineering, University of Transport, Ho Chi Minh City, Vietnam **TOOLS** AutoCAD, Civil 3D, SewerGEMS, GEO-Slope, InfraWork **SKILLS** Design & Analysis for Roadway, Slope Stability & Drainage Design

BACKGROUND

Henry is a skilled Project Engineer, able to handle a wide range of Civil Engineering Drafting with the use of AutoCAD. His Civil Drafting work experience has involved title sheets, general notes, existing conditions, and plans for site, utility, fire access, erosion control and parking in the field of Land Development; ALTA land titles, boundaries, topographics, pre-construction, commercial and residential surveys in the field of Land Surveys; plans for landscape, foundation, floor, and roof in the field of Architecture Drawings; As-Built Drawings, showing the changes during construction; and beams, columns, foundations, slabs, piles, and stairs in the field of Structural Drawings. His experience on plans extends to Public Improvement Construction, Site Improvement, and Final Development. His design drawings experience is lengthy, involving Plan and Profile Roadway Design, Finish Surface and Intersection, Subdivision and Curb Ramp Designs, Pland and Profile of Sanitary Storm Water, Sewer, Water Lines, Surface Model and Earthwork Calculations, Interference Check, Existing Surface Contour Analysis, Infraworks, and Topographic Surveying.

EXPERIENCE

PUEBLO STORAGE ROADWAY IMPROVEMENTS PROJECT, NAPA

Henry provided Project Engineering services on the Pueblo Storage Roadway Improvements Project in the City of Napa, California. Located at Pueblo Avenue, the project consisted of 7 Buildings and Parking Lots on a parcel area totaling approximately 101,756 square feet of roadway at a width of 18 feet. Henry provided the construction and roadway design for the entire project, from survey to completion. Utilities were also included involving a 12 inch storm drain, a 1 inch water PVC, and a 4 inch sewer PVC SDR 26, and gas and electrical.

ROSECRANS RESIDENCE ROADWAY IMPROVEMENTS PROJECT, NAPA

Henry provided Project Engineering services on the Rosecrans Residence Roadway Improvements Project in the City of Napa, California. The project was located at Steele Canyon Road and required new roadway design for a 37.43 AC parcel area measuring 12 feet wide and 22,553 square foot (0.52 AC) long, along with utility design of an 18 inch storm drain, 6 inch PVC, an 8 inch wide sewer system, gas, electric, etc. A City of Napa Ladder Truck was utilized for a fire prevention plan.

ORANGEBURD ROAD PROJECT, PHASES I & II, DORCHESTER, NC

Henry was the Project Engineer for Dorchester County on two phases of the Orangeburd Road Project. Henry provided the construction drawings for 132 lots and 60 feet of right-of-way, 4 foot wide sidewalk, an 8 inch C900 PVC and DIP water line, an 8 inch DIP & PVC sewer line, and a 15 inch to 36 inch storm drain line.

MARIN WOODS SUBDIVISION NC HIGHWAY 210 PROJECT, JOHNSON, NC

Henry served as the Project Engineer on the Marin Woods Subdivision NC Highway 210 Project in the City of Johnson, North Carolina. The project consisted of 143 proposed lots, 149,734 square feet of the 210 highway at 29 feet of length, 5 foot wide sidewalk, an 8 foot dip water main, and an 8 inch PVC sanitary sewer main. Henry was called upon to provide the needed construction drawings for the area and to provide the new designs for the utility systems.

MILLARD CROSSING PROJECT, NORTH CAROLINA

Henry provided Project Engineering services on the Millard Crossing Project in North Carolina. Henry provided the construction drawings for 95 lots and 60 feet of right-of-way, 5 foot wide sidewalk, and 15 inches to 24 inches of storm drain, an 8 inch PVC water pipe, and an 8 inch PVC sewer line.

LEONARD PHUNG
PROJECT ENGINEER

FIELDS OF EXPERTISE: roadway, ada ramp, pavement, survey, water main

6 YEARS OF EXPERIENCE

QUALIFICATIONS

BS Civil Engineering, University of Transport, Ho Chi Minh City, Vietnam **TOOLS** AutoCAD, Civil 3D, SewerGEMS, GEO-Slope, InfraWork **SKILLS** Design & Analysis for Roadway, Slope Stability & Drainage Design

BACKGROUND

Leonard is a skilled Project Engineer, able to handle a wide range of Civil Engineering Drafting with the use of AutoCAD. His Civil Drafting work experience has involved title sheets, general notes, existing conditions, and plans for site, utility, fire access, erosion control and parking in the field of Land Development; ALTA land titles, boundaries, topographics, pre-construction, commercial and residential surveys in the field of Land Surveys; plans for landscape, foundation, floor, and roof in the field of Architecture Drawings; As-Built Drawings, showing the changes during construction; and beams, columns, foundations, slabs, piles, and stairs in the field of Structural Drawings. His experience on plans extends to Public Improvement Construction, Site Improvement, and Final Development. His design drawings experience is lengthy, involving Plan and Profile Roadway Design, Finish Surface and Intersection, Subdivision and Curb Ramp Designs, Pland and Profile of Sanitary Storm Water, Sewer, Water Lines, Surface Model and Earthwork Calculations, Interference Check, Existing Surface Contour Analysis, Infraworks, and Topographic Surveying.

EXPERIENCE

CECILE COURT SUBDIVISION PROJECT-LLOYD DRIVE IMPROVEMENTS, NAPA

Leonard provided Project Engineering services on the Cecile Court Subdivision Project-Lloyd Drive Improvements in the City of Napa, California. Located at 4060 Lloyd Drive, the project consisted of approximately 46,655 square feet of roadway at a width of 36 feet, 4 foot wide sidewalk, and a 30 foot radius cul-de-sac. Leonard provided the roadway improvement design for the entire project, from survey to completion. Utilities were also included, and involved a 6 inch PVC storm drain pipe and an 8 inch sewer PVC, and gas and electrical.

LOS ROBLES SUBDIVISION PROJECT, NAPA

Leonard provided Project Engineering services on the Los Robles Subdivision Project in the City of Napa, California. The project was located at Seville/Los Robles Drive and required new roadway improvement plans design for 256,356 square feet of the roadway measuring 22 feet in width. The project also called for the design of 3 retaining walls at a max height of 5 feet for each wall, as well as utility design of an 18 inch storm drain, 8 inch PVC, an 8 inch wide sewer system, gas, electric, etc. A City of Napa Ladder Truck was utilized for a fire prevention plan.

WENDELL FALLS ROADWAY & PUBLIC UTILITY IMPROVEMENT PROJECT, WENDELL, NC

Leonard served as the Project Engineer on the Wendell Falls Roadway and Public Utility Improvements Project in the City of Wendell, North Carolina. The project consisted of 38,068

square feet of roadway at 30 feet of length, 16,702 square feet of 5 foot wide sidewalk, 1,878 LF of water main, and 2,180 LF of sewer main. Leonard was called upon to provide the needed construction drawings for the area and to provide the new designs for the utility systems improvements.

HIGHLAND RIDGE SUBDIVISION PROJECT, PHASES I - IV, ANGIER, NC

Leonard was the Project Engineer for the Highland Ridge Subdivision Project, Phases I thru IV in Angier, North Carolina. The project was located at Kennebec Road. Leonard provided the construction drawings for 256 lots and 60 feet of right-of-way, 5 foot wide sidewalk, an 8 inch C900 PVC and DIP water line, an 8 inch DIP & PVC sewer line, and a 15 inch to 36 inch storm drain line on all 4 phases. Leonard also provided erosion control plans design for the first three phases.

MILLARD CROSSING PROJECT, NORTH CAROLINA

Henry provided Project Engineering services on the Millard Crossing Project in North Carolina. Henry provided the construction drawings for 95 lots and 60 feet of right-of-way, 5 foot wide sidewalk, and 15 inches to 24 inches of storm drain, an 8 inch PVC water pipe, and an 8 inch PVC sewer line.

SECTION

D

CONSULTANTS AND/OR SUB-CONSULTANTS

POTHOLING

Chris Loera (310) 713-7711 | info@cbelow.com
14280 Euclid Avenue, Chino, CA 91710

Chris Loera plans, organizes, directs and controls the activities of the Operations Department at C Below. He is responsible for the performance of all department functions including Research and Development, Material Management, Order Services and Engineering and Surveying. He is knowledgeable and experienced with Auto CAD, Civil 3D, SolidWorks 3D, Micro Station, InRoads Suite, and Service CEO industry software, along with many others. He has worked directly on many POLB and POLA projects, and with over 15 years of experience in the industry, Chris is proposed as a well qualified locating quality assurance specialist.

EXPERIENCE

RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER, DOWNEY

Chris performed oversite of all utility investigation and operations of the entire campus as Vice President of operations. The project services requirements included utility locating with use of GPR and Electromagnetic locating. Chris also performed site surveying, CAD work, and Potholing on the project.

NORTH SANTA MONICA BOULEVARD RECONSTRUCTION, BEVERLY HILLS

The Santa Monica Boulevard Reconstruction Project was approved by the City Council to involve design reconstruction to the roadway and upgrading the century-old drainage system. C Below was contracted to clear and mark out existing utilities for multiple utility upgrade alignments in the road. The crews worked on the street, performing their own Traffic Control during rush hour traffic and weekends to complete the investigation and to accommodate the Cities' traffic congestion. Over 120 pothole locations were performed, including the potholing of ramp footings that were excavated during the reconstruction. C Below's CCTV crews also used the robotic camera to video approximately 1,260 linear ft. of storm drain lines in multiple locations. C Below's final reporting was sent to our client in the form of a CCTV video report, and detailed pothole report. This was a large and complex project that was completed quickly in 1 month.

US 101 HOV & REHABILITATION PROJECT, CARPINTERIA

Chris performed an extensive utility Investigation along the US 101. The work was completed 20 days on site, during mostly off hour night time work, in various areas of Carpinteria, California. C Below coordinated with the client, Caltrans, the County, and the Traffic Control Company local to the area to ensure all of the encroachment permits and coordination was complete. Altogether, around 100 potholes to verify the horizontal and vertical locations of all utilities in the work area were performed. The areas included exposing lines on the freeway as well as on/off ramps. C Below's crews also dipped manholes to get the information for the sewer lines. The final report was delivered in the form of a detailed pothole report.

SOUTHWESTERN COLLEGE, CHULA VISTA

Chris completed Utility Locating services at Southwestern College in Chula Vista, California. The locating crew cleared a trenching path for the proposed sewer alignment on campus. A Survey crew picked up the markings and depths of the utilities to create a utility CAD Map, and a Quality Control Review was done in order to ensure the deliverable had all notes from the site that would be useful.

COLE AVENUE STORM DRAIN UTILITY INVESITGATION, RIVERSIDE

Chris supervised operations to assure they were conducted and completed as directed by the City of Riverside. Work services included Utility locating via GPR, Electromagnetic locating, ram rod locating, potholing via vacuum excavation, surveying and AutoCAD work, and CCTV Pipe Inspection.

GEOTECHNICAL INVESTIGATION & MATERIALS/SOIL TESTING

Maihan Noorzay, MS, PE, GE (951) 264-9023 | maihan@noorzaygeo.com
16817 Rainy Vale Avenue, Riverside, CA 92503

Noorzay Geotechnical Services Inc. has developed pavement design recommendations in accordance with Caltrans Highway Design Manual and the latest edition of the "Greenbook". Noorzay has the capabilities to obtain encroachment permits, core at representative locations, and perform the necessary laboratory testing to provide an economical design for the project. Noorzay is adept at slope stability issues, foundation recommendations, settlement or expansive soils, and more. Noorzay utilizes certified technicians for compaction testing during grading, subgrade preparation, trench backfill, aggregate base placement, and hot mix asphalt paving. They can also provide ACI certified technicians for concrete testing in the field and sampling for compressive strength testing. For over the past 15 years, Noorzay has provided pavement evaluations, compaction testing, soils reports, along with other geotechnical needs.

EXPERIENCE

GREEN TREE BLVD. TO YATES RD. EXTENSION, VICTORVILLE

Maihan prepared the Materials Report in Victorville. The project extended from 500 feet west of Green Tree Boulevard from its intersection with Hesperia Road and continued east over the BNSF railroad tracks to merge with Ridgecrest Road and Yates Road. At the western limit, the alignment also included a portion of Hesperia Road from approximately 400 feet north of its intersection with Green Tree Boulevard to Coad Road to the south. At the eastern limit, the project alignment split and continued onto Yates Road, heading north to its intersection with Park Road and extending south on Ridgecrest Road to approximately 1,000 feet south of Chinquapin Drive. The project scope of services included reviewing available reports prepared by project personnel, a field investigation and associated laboratory testing, engineering analysis and preparation of the Materials Report for submission to Caltrans.

LENWOOD ROAD GRADE SEPARATION, BARSTOW

Maihan provided Quality Assurance on this $32 million project for the City of Barstow. The project was intended to facilitate the flow of both vehicular and freight rail traffic though the City of Barstow. This project developed a grade separated crossing along Lenwood Road over the existing BNSF tracks. The improvements include the widening of Lenwood Road from two lanes to four lanes between Main Street and Jasper Road. The grade separation allowed for improved emergency response time and reduced congestion and in turn improved the air quality of the surrounding area. Maihan provided Quality Assurance management involving testing services for construction materials at the direction of the Project Managers of Simon Wong Engineering. The scope of work included compaction, concrete and materials testing of many aspects of the project such as mechanically stabilized earth walls, structural fill & embankment, & sewer improvements.

BRIDGE AT RANCHERO ROAD OVER THE I-15 FREEWAY, HESPERIA

Maihan provided QA Management for thje City of Hesperia. This project consisted of a bridge at Ranchero Road over the I-15 freeway in Hesperia, CA. The Noorzay team supervised the Quality Assurance Materials Testing and Inspection services in accordance with the Caltrans construction manual as well as the project special provisions. Administered and oversaw the hot mix asphalt QC/QA program including the coordination and verification of the contractors QC laboratory testing. Served as QA Project Manager for this project and his daily responsibilities included reviewing daily reports, presenting lab and field test data, and offering technical guidance. Prepared the invoices using the SANBAG templates and categorizes and files all test data. Performed review and acceptance of hot-mix asphalt (HMA) mix designs, material submittals including JPCP and PCC mix design submittals, and Quality Control plans provided by others. This project met Caltrans expectations for each audit.

ECORP ENVIRONMENTAL CONSULTING

Thomas Holm, ACIP (714) 648.0630
1801 Park Court Place, Bld. B, Suite 103, Santa Ana CA. 92701

ECORP Consulting, Inc. (ECORP) is a California "S" Corporation that specializes in assisting government agencies and private clients with a wide range of environmental services including technical expertise in land use planning; biological, cultural, and water resources; and regulatory compliance with California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA), Clean Water Act, federal and state Endangered Species Acts, NHPA, and other laws and regulations. ECORP provides support over the life of a project, from initial baseline studies; to environmental planning, documentation, and review; permit negotiation, liaison with resource agencies, and mitigation design; and through to construction supervision, monitoring, and compliance reporting. ECORP is a Federal Small Business.

EXPERIENCE

SAN GABRIEL RIVER WATERSHED PROJECT CEQA & RAMP REVIEW, LOS ANGELES

ECORP reviewed the IS/MN and Adaptive Management Plan (AMP) for the San Gabriel River Watershed Project to Reduce River Discharge in Support of Increased Recycled Water Reuse. ECORP's focus was limited to biological resources and those specific thresholds of significance in the CEQA checklist, specifically on the reported conclusions in the IS/MND regarding the potential impacts of diverted water on riparian habitat supporting the least Bell's vireo, the benthic environs, and the overall habitat. ECORP's review focused on evaluating the existing and future annual daily average discharge from approximately 16 million gallons per day (MGD) to a minimum monthly average of approximately five (5) MGD at the San Jose Creek Water Reclamation Plant (WRP), which discharges to sensitive habitat. In addition, ECORP considered the AMP within the context of the significance finding.

CALTRANS ASSISTANCE - ROAD WIDENING & TRAFFIC, MORENO VALLEY

This Caltrans Local Assistance Project for the City of Moreno Valley for road widening and traffic requirements included a 1.5-acre transportation corridor in a 9-acre area at SR-60 and Redlands Boulevard in Moreno Valley in support of the proposed installationof a traffic signal and the widening of Redlands Boulevard from approximately 600 feet north of toapproximately 600 feet south of the eastbound SR- 60 on/off ramps. Following an evaluation of therecords search results, an intensive field survey of the project area was conducted. No cultural resourceswere identified within the project area as a result of the records search or field survey. A historic structure was identified just outside the eastern edge of the project area and was recommended to be evaluated for CRHR eligibility if any disturbances or visual impacts from road improvements and traffic signal construction affecting the structure.

WESTRIDGE GOLF COURSE GROUNDWATER EXTRACTION, LA HABRA

On this Westridge Golf Course Groundwater Extraction Project for the City of La Habra, an IS/MND was prepared by ECORP for the construction and operation of a 500-foot-deep well to extract groundwater for use at the existing Westridge Golf Course. An approximately 50-foot buried pipeline would be constructed to connect the well to the existing irrigation system. The project was located in the golf course parking lot and landscaped areas adjacent to a residential development. The IS/MND included an air quality/climate change technical report and detailed analysis, with an emphasis on impacts to air quality, biological resources (nesting birds), hydrology/groundwater, and greenhouse gas emissions.

ONWARD ENGINEERING

LANDSCAPING CONSULTANT

Pablo Cortez (657) 217.6169 | pcortez@sitiola.com
323 N. Resh Street, Anaheim, CA 92805

Sitio Landscape Architecture Inc. is a design studio focused on applying the principles of landscape architecture to outdoor design at all scales. Sitio exists as a collection of designers, trades and supporters. Each providing their talents and time to build a company that reflects their professional goals. Sitio's success is rooted in their professional relationships. Sitio's designers have worked on a variety of project types with other landscape architecture firms, past and present. Private residential, public parks, multi-family housing, master planned communities, municipality projects, education, medical and religious campuses, commercial and retail centers, and complete streets initiatives are all within their capabilities and can be developed from the schematic phase, through concept planning and on to construction documentation. Sitio also provides landscape construction administration. Landscape Architect, Pablo Cortez (PLA# 6373) leads Sitio with his own varied experience and organizational skills to help design and create living, vibrant outdoor spaces.

EXPERIENCE

KIDSTREAM OUTDOOR PLAY SPACE

Pablo provided site plan development and construction documentation.

RIVERSIDE SINGLE FAMILY DETACHED ENTITLEMENT & WOODLAND HILLS MULTI-FAMILY

SECTION

3

WORK APPROACH

WORK PLAN/APPROACH

The following section involves our approach to a variety of designs such as street rehabilitation, sewer, storm systems, drainage, and our specialized tools applied in the design process including Civil3D, AutoCAD, Laser Scanner & 3D Point Cloud for surveys, and our Drone Usage to capture aerial data & imagery. Below illustrates our ability to provide a wide range of general engineering.

Direct and support all Traffic Engineering & Traffic Operations services for the City; Advise City staff on Regulations & Ordinances affecting Public Works; Serve as Registered Engineer when required pursuant to Caltrans/Federal requirements; Coordinate with Outside Agencies to process PS&E & to gather Review & Approval; Obtain any Permits necessary from outside agencies for public works projects *(including Caltrans);* Administer/process tentative Parcel & Subdivision Maps; Coordinate engineering for private development with Building Official; Review/approve Plans for Public Right-of-Way Improvement & recommend issuing NOCs; Ensure Landscape & Root Control Devices are in accordance with City Master List of Trees; Implement/ Manage City's Sewer System & Water Master Plans; Manage Encroachment Permit program, review application, & Issue Permits; Ensure Regulatory Compliance public works programs; Public Coordination on existing and future projects & field questions & complaints; Attend City Council Meetings and other meetings, when necessary; Establish & maintain relationships with other Public Agencies & Stakeholders *(utilities, neighboring cities, & caltrans, residents, businesses, school districts, etc.);* Provide administrative direction to Community Services personnel; Assemble and maintain all on-site Records necessary for a municipal engineering office; Assist in preparing Maintenance and Water Divisions and Capital Improvement Budgets; Recommend Pavement Rehabilitation methods *(slurry seal, overlay, reconstruction, ARAM, ARHM, etc.);* Establish performance, labor, & material Bond Requirements; Establish Financial Assurances *(bonds & securities)* for private development; Provide additional engineering services as directed by City.

STREET REHABILITATION

A final determination of the rehabilitation methods to be applied are made following a detailed site evaluation, review of any available pavement management study and geotechnical data, development of a preliminary cost estimate for all construction components, and discussions with the City. In addition to traditional rehabilitation methods, OE can assess the potential benefits of incorporating emerging technologies into a design at the City's request. The cost of incorporating these technologies varies; however, they typically result in up-front cost savings in labor and material costs or long-term savings by providing a street with service life comparable to one that has been reconstructed at a reduced price. These emerging technologies include:

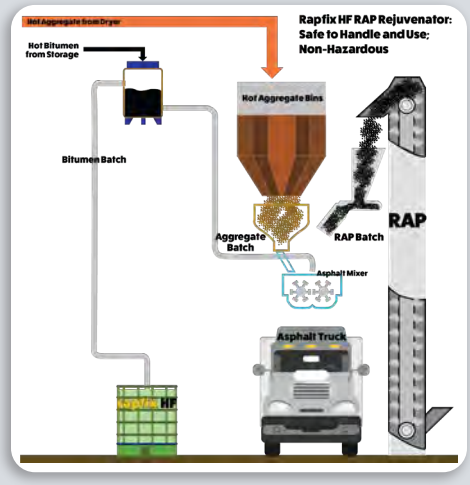
FIBER RE-INFORCED ASPHALT

OE incorporates fiber additives into full depth pavement layers, overlays, & slurry seals to improve pavement tensile strength, crack resistance, and service life. Fiber reinforced asphalt has been utilized on projects by numerous Cities and Counties throughout Southern California. Cost savings can be realized by extending the pavement life and by reducing required pavement thicknesses, as compared to conventional asphalt mixes.

DIAMOND & GRIND OVERLAY

The greatest cost-savings is achieved by utilizing this method. We would first diamond grind the concrete. This would be followed by a crack grouting joint filler. The advantage of this approach is that is minimally invasive to homeowners. After construction hours, the project site is open to the public and there is minimum clean-up. The cost of diamond grinding is the least cost option, to where OE would divert funds to other locations also in need of repair and rehabilitation.

RECLAIMED ASPHALT PAVEMENT (RAP)



OE utilizes this method because by offering Environmental Stewardship it recycles nonrenewable resources, reduces waste to landfills, minimizes air emissions, and conserves energy. Options for recycling the material milled from project sites can be evaluated if there is sufficient surface area to be rehabilitated for it to be economically viable. There are several methods that utilize RAP, some of which include ***HOT RECYCLING, HOT IN-PLACE RECYCLING, COLD IN-PLACE RECYCLING, COLD CENTRAL PLANT RECYCLING***, and ***FULL DEPTH RECLAMATION***. The determination of which methods may be project feasible depends on street geometry and structural section, project logistics, and available construction budgets. Studies have historically demonstrated that the inclusion of RAP in the pavement design results in a pavement of similar or better quality than pavement constructed using conventional methods. Depending on the RAP method utilized, cost savings can be realized by reducing the amount of new asphalt cement or binder used, transportation costs, and disposal costs. Cold-mix methods can also result in reduced disruptions to traffic flow due to reduced curing times.

STREET DESIGN IN CIVIL 3D

Street sections are evaluated by converting topographic survey data into a 3D surface in AutoCAD Civil 3D. Street crown heights and cross-slopes are assessed and adjusted as necessary to tie into any curb and gutter elevations. Proposed street surfaces, curbs, and gutters are also created as a 3D surface. The software allows for surface elevations and slopes to be reported at any given point and it dynamically updates the values when changes are made to the design. The software also allows for the simulation of rainfall for surface run-off flows from street crowns to gutters as intended.

DRONE MAPPING

A site assessment is enhanced with the collection of high-resolution aerial photographs using our drone. Our team has three remote pilots licensed by the FAA to fly drones for commercial use. The aerial photographs allow us to accurately denote site surface features, areas of excessive pavement distress, utility notification markings, and street striping, as well as providing us with highly detailed reference data that cannot be achieved through traditional site evaluation

ALLIGATOR CRACKING

ASHPALT CRACKING

ADA RAMP DETAIL

methods. Also, the images collected are at a higher resolution than images provided by other sources and are ideal for use in the preparation of exhibits. The sample images, collected for a previous project, demonstrate the level of detailed information that can be collected using drone technology. The aerial photos collected are consolidated in post-processing to create entire street segments with very high levels of detail.

SEWER & STORM SYSTEMS & DRAINAGE

Some of the design features OE incorporates into storm sewer systems include Green Street Designs, as summarized below. Suitability of these methods are partially dependent on the infiltration rates of subsoils and anticipated surface runoff volumes of a project area. The primary intention of Green Street design is to capture surface run-off before it enters storm sewer systems and to minimize the pollutants discharged into receiving water bodies (i.e. lakes, rivers, etc.). Green Street features can also reduce the load placed on storm sewer systems, as well as reduce flooding during peak rainfall. As an added benefit, Green Street features also improve street aesthetics.

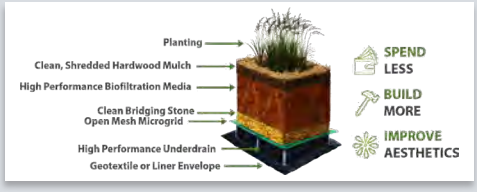
LANDSCAPING

Careful planning of the vegetation utilized in landscaped areas can have a noticeable effect on stormwater retention rates. Drought resistant plants such as succulents can be incorporated into designs as they have a much greater water retention capacity than other plants. Additionally, the planting of trees or larger plants with broad leaves with high transpiration rates (the rate at which water is drawn into the roots and evaporated from the leaves) can also be beneficial.

BIOFILTRATION & BIOSWALES

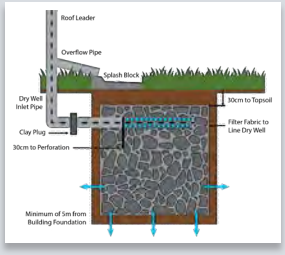
Biofiltration utilizes different layers of media to retain, filter, and disperse stormwater runoff into the subsoil. Components may include plants, mulch, soil, sand/gravel, and perforated pipe. Biofiltration does require some maintenance to prevent bio-clogging.

MODULAR BIOFILTRATION UNITS



Several companies offer modular, prefabricated biofiltration units that can be configured to meet the specific requirements of a project. Typically, these systems utilize proprietary filtering media which may offer higher removal rates of pollutants when compared to traditional biofiltering methods, as well as options to incorporate additional retention space in the form of prefabricated storage modules. While more expensive than traditional biofiltration construction, these modular units provide easier maintenance and access to the filter media to prevent bio-clogging.

INFILTRATION WELLS & TRENCHES

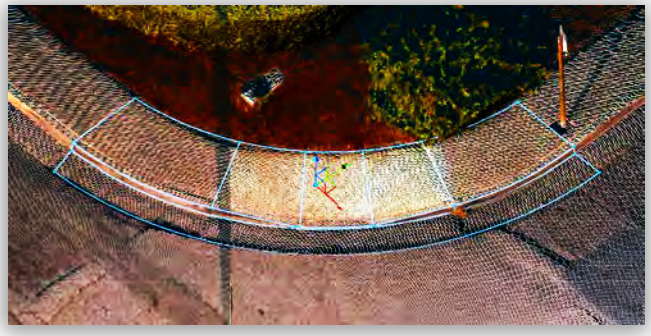


These typically consist of perforated pipe surrounded by clean aggregate and filter fabric with a sand filter base. Infiltration wells can capture a large volume of surface run-off which then can be slowly dispersed into the surrounding subsoil. Proper placement of infiltration wells can reduce surface flow which will also reduce soil erosion rates. Infiltration trenches consist of linear ditches that contain highly permeable soils (aggregate). Infiltration trenches can quickly contain large volumes of water but may not provide the same pollutant removal benefits provided by biofilters due to the lack of biological media and the rate at which the surface runoff disperses into the soil. Infiltration trenches are also prone to clogging.

SEWER MAIN REPLACEMENT: PIPE BURSTING METHOD

In addition to traditional trenching methods, OE evaluates the feasibility of using pipe-bursting to replace sewer mains. Pipe-bursting is an effective method for replacing pipelines with minimal surface disruptions. This method can be particularly advantageous as it would reduce impacts to traffic along a project street and if applicable, minimize the amount of median replacement. New pipe is pushed through an existing pipe, limiting the possibility of striking another utility, along with less chance the advancement of the pipe would be impeded by cobbles or tree roots. Another benefit of this method is that existing pipe alignments are maintained. One of the main drawbacks of pipe-bursting, however, is the limitation on the allowable size increase of the pipe. Typically, pipe being replaced using pipe-bursting methods can only be increased in diameter by 2 to 4 inches unless the surrounding soils are highly compressible.

LASER SCANNING

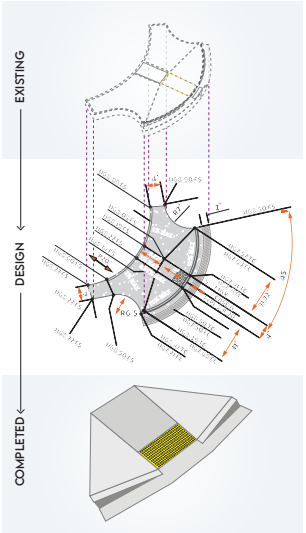


OE collects topography data and photos using a terrestrial laser scanner. The laser scanner is equipped with a high-speed 3D scanning system that measures 500,000 points per second and HDR 360-degree images. The advantage of laser scanning is it provides high density accuracy, fast data collection, and a clear representation of the existing conditions using a colorized point cloud of the site as shown in the sample image below. The 3D point cloud produced allows linework to be quickly drafted and for a more accurate placement of objects for the existing utility appurtenances. Appurtenance geometry such as utility pole, fence and tree diameters are accurately documented as the entire circumferences of the objects are measured rather than the single point which is typically collected from a traditional survey. This allows a precise identification of ADA clearance issues to ensure an accurate design.

PLANS & SPECIFICATIONS DEVELOPMENT

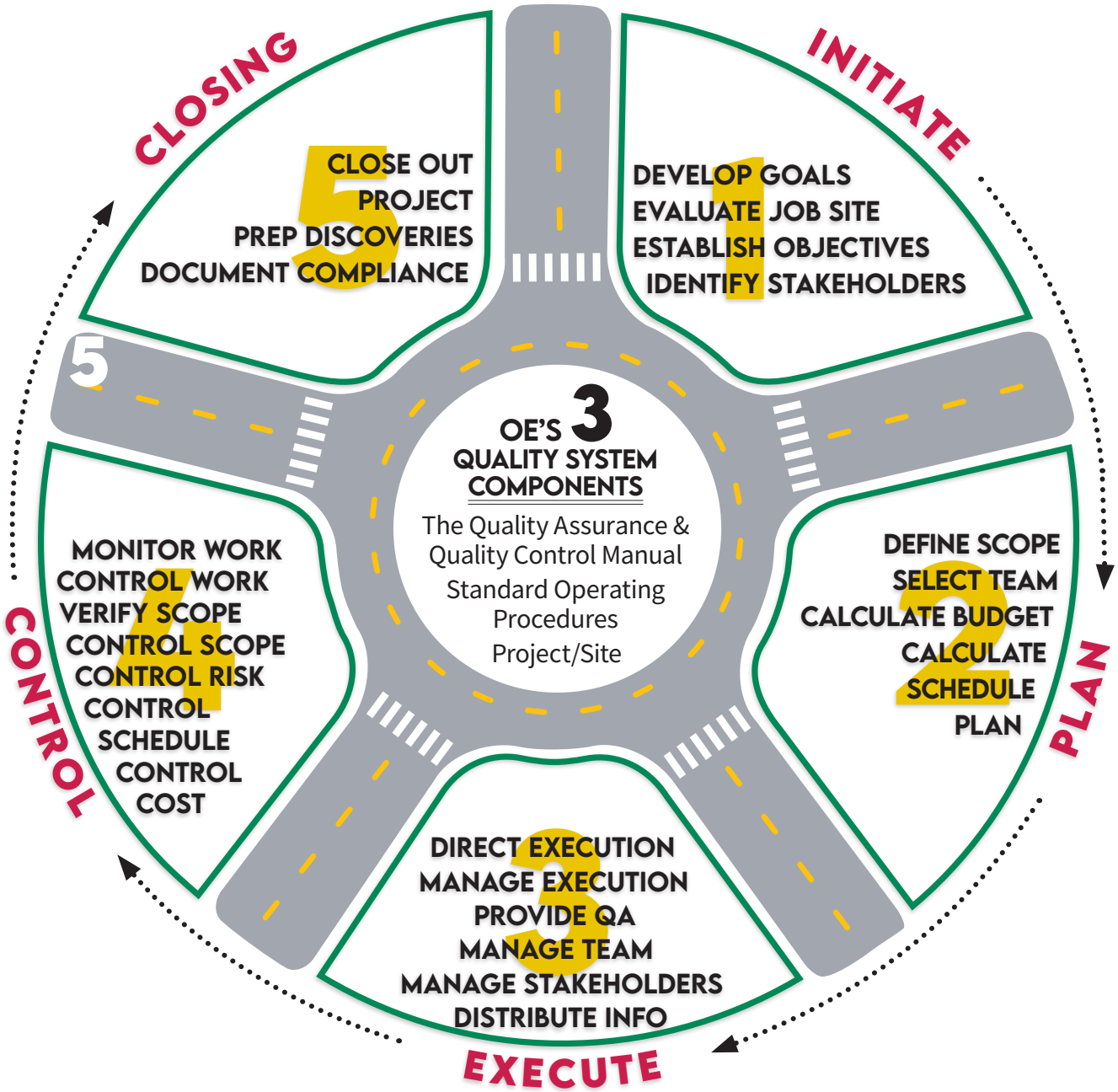
All designs and plans are ADA compliant and adhere to the latest editions of the *American Public Works Association (APWA) Standard Plans for Public Works Construction*, the *American Water Works Association (AWWA) Standards*, or *Caltrans Standard Plans,* whichever takes precedence. The latest edition of the *APWA Standard Specifications for Public Works Construction "Greenbook"*, the *AWWA Standards, Caltrans Specifications*, or the *Caltrans Manual on Uniform Traffic Control Devices (MUTCD)* are adhered to for the specifications, whichever takes precedence. All signing and striping required are designed in accordance with the *Caltrans Standard Plans* and the *California MUTCD*. City of Pico Rivera boilerplate templates would be used when available. All plans are developed using current AutoCAD Civil 3D software. Civil 3D allows us to see the effects to material quantities and costs as design changes are implemented, and provides us with tools to simulate drainage surface run-off, instantly calculate grades at any given point on the surface of the design, and visualize the designs in 3D as they would appear when constructed. OE's design team has lengthy experience with the software to use it to its fullest.

ADA 3D RAMP DETAIL



APPROACH TO PROJECT MANAGEMENT

The City of Pico Rivera is requesting Project Management services that will include attending meetings, assessing and establishing project goals, strategies, and cost limitations, communicating with the City to keep them apprised of a project's status, providing agendas and minutes for various meetings, preparing and submitting project scheduling progress updates, monitoring and controlling a project schedule, budget and quality, along with proactive general Project Management services. By implementing this approach, we feel that we are pro-actively ensuring quality and the successful management of any given project. Included below is a breakdown of our Quality System Components.



These steps correlate to the Project Management Institute. Project Management Institute Standards for Project Management.

ENGINEERING DESIGN SCOPE OF WORK

PHASE 1 SITE EVALUATION

KICK-OFF MEETING
Scope of Work•Project Schedule•Technical Requirements•Design Criteria•Project Objectives

DELIVERABLES
MEETING MINUTES & AGENDA *(digital copies)* **• PROJECT SCHEDULE** *(update as necessary)*

RESEARCH & REVIEW AVAILABLE DATA

DOCUMENTS REVIEW
Property Monument Data•Survey Maps & Centerline•Record Drawings•Utility Records & Documents (*State, County, City*)

PLANS REVIEW
Street•Signal•Storm Drain•Utility•Gas•Sewer•Water Main

DELIVERABLES
EXISTING RECORDS MATRIX *(digital copies)* **•COPIES OF EXISTING RECORDS** *(roadway, right-of-way, utility)*

UTILITY RESEARCH/NOTIFICATION

UTILITY FACILITY CONTACTS
Contact•Confirm•Notify•Inform

VERIFY UNDERGROUND LINES:
Size•Depth•Locations•Facilities•Substructures

CROSS CHECK:
Plott with Field Review (*installation, relocation, adjustments*)

DELIVERABLES
UTILITY CONTACT MATRIX•1ST, 2ND & FINAL UTILITY NOTICES•UTILITY NOTIFICATION LOG•OWNER CORRESPONDENCE *(digital copies)*

SITE EVALUATION

Schedule Site Inspection•Confirm Site Conditions•Refine Scope of Work•Verify Records Drawings•Identify Proposed Improvements

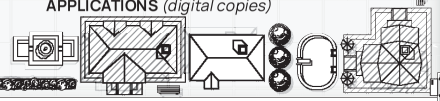
INVENTORY
Photo Log•Traffic Signal Equipment•Pavement Markings•Signage•Repairs
•Identify & Mark Sewer Main Limits

DELIVERABLES
SITE EVALUATION NOTES & PHOTOS• PAVEMENT MARKINGS•STREET INVENTORY *(digital copies)*

STUDIES

CEQA/NEPA DOCUMENTATION
Schedule of Permits & Regulatory Permits•Negative Declaration•Environmental•Grading•SWPPP•Floodplain
• Drainage•Sewer Capacity•WQMP
•Hydraulic•Hydrologic

DELIVERABLES
ANALYSIS & REVIEWS • INITIAL STUDIES • ENVIRONMNETAL IMPACT REPORTS • RECOMMENDATIONS • PERMIT APPLICATIONS *(digital copies)*



PHASE 2 PRELIMINARY DESIGN

TOPOGRAPHIC SURVEY

SITE CONTROL
Construction Staking(*boundary & topographic horizontal & vertical*)

CENTERLINE & RIGHT-OF-WAY MAPPING
Boundary Survey of Land Parcels

TOPOGRAPHY & CROSS SECTIONS
Site Topography•Planimetrics•Signs•Trees•Valve Covers•Cross Gutters / Depressions•Manholes•Catch Basins•Drains•Utility & Signal Poles•Driveway•Sidewalk•ADA Ramps•Fire Hydrants

DELIVERABLES
SURVEY NOTES & SURVEY BASE MAPS *(AutoCAD survey files)*

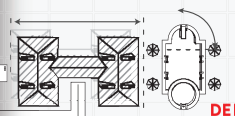
GEOTECHNICAL ENGINEERING/MATERIALS TESTING

Preliminary Geotech Investigations•Materials Samples & Field Work and Testing•Drilling & Coring•Pavement Evaluation & Resurfacing Dig-Outs

DELIVERABLES
DRAFT GEOTECHNICAL STUDIES•SIQMP REPORTS• RECOMMENDATIONS

BASE SHEETS

Aerial Photographs•Research Records•Site Visit Topographic Survey•Line Records (1" = 20' plans scale)



DESIGN **SMARTER.**
BUILD BETTER.

DELIVERABLES
BASE MAPS *(street, right-of-way, utility)*
PROJECT SCHEDULE *(update as necessary)*

HYDROLOGIC/HYDRAULIC STUDY

Energy & Hydraulic Grade Lines & Profiles•Storm Drain Calculation & Alignment•Stormwater Conditions Maps Study

DELIVERABLES
HYDROLOGIC STUDY & HYDRAULIC STUDY *(digital copies)*

60% PLANS/SPECIFICATIONS/ESTIMATE

PREPARATION
Coordinate & Submit for Plan Review from Agencies & Utilities•Stakeholder Feedback•City's Standard Title Block-Notes/ Formatting/Conventional Styles

ASSESSMENTS
Design Alternatives for Street Reconstruction, Water Main Replacement, Street Light Replacement, Concrete Infrastructure Improvements, Sewer, Roadway Widening, etc.•Construction Costs•Utility Locations•Public Impact•Right-of-Way Acquisition•Encroachment Permit Acquisition

DELIVERABLES
60% PS&E PACKAGE•REVIEW COMMENTS & RESPONSES• ENGINEER'S ESTIMATE•PROJECT SPECIFICATIONS•PROJECT SCHEDULE (*update as necessary*) **• RED-LINED PLANS** (*digital copies each-USB drive*)

CALTRANS PERMIT & E-76 PACKAGE

Request for Authorization to Proceed•Finance Letter•Caltrans Field Review•Right-of-Way & PS&E Certification & Checklist•Local Agency Contract•Caltrans Approval Follow-Up

DELIVERABLES
CONSTRUCTION CHECKLIST •ADMINISTRATION CHECKLIST

PHASE 3 FINAL DESIGN

90% PLANS/SPECIFICATIONS/ESTIMATE

PROJECT MANAGEMENT
Status Updates•Project Meetings
•Design Approaches & Complications

PLANS
City Standard Title Block•Notes•AutoCAD & Civil 3D•Title Sheets•Formatting•Street Cross Sections•Curb Ramp & Driveway Details•Storm Drain Plans & Profiles•Demo Plans (*interim storm drain lines*)•Signing & Striping Plans•Street Plans (*sidewalk & concrete improvements*)

COST ESTIMATES
Unit Price Records•Estimated Costs•Track & Monitor Quantities & Costs (*for plan set on quantity take-off's*)•Value Engineering Analysis

SPECIFICATIONS
Bid Items•Site Control•Relocations•Payment Method•Utility Contacts

APPROVING AGENCIES/COORDINATED EASEMENTS
LA County•Metropolitan Water District & Transportation Authority•CalTrans•Southern California Edison•Cox Communications•Crown Castle•Frontier•Local City & County Fire•Sewer & Sanitation•Phone Companies (*AT&T, Verizon, etc.*)•Southern California Gas Company

DELIVERABLES
90% PS&E PACKAGE•REVIEW COMMENTS & RESPONSES•ENGINEER'S ESTIMATE• PROJECT SPECIFICATIONS•PROJECT SCHEDULE (*update as necessary*) **• RED-LINED PLANS** (*digital copies each - USB drive*)

100% PLANS/SPECIFICATIONS/ESTIMATE

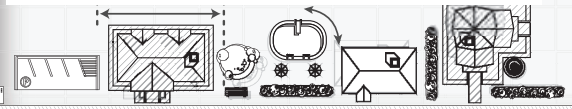
Plan Check Comments

OE'S 5 C'S OF QA/QC
1 Consistent; 2 Clear; 3 Correct; 4 Constructable; 5 Complete

DELIVERABLES
100% PLANS (*signed/stamped*) **• MASTER SPECIFICATIONS SET** (*electronic copy in Word & PDF format - USB drive*) **FINAL COST ESTIMATE • COMPLETE PS&E PACKAGE • EXISTING UTILITY DETAILS • AUTOCAD & PDF FILES** (*digital copy-USB drive*)

PHASE 4 CONSTRUCTION SUPPORT

RESPOND TO CONTRACTOR'S INQUIRIES•PREPARE & ISSUE ADDENDA•REVIEW SUBMITTALS (*shop drawings, data, samples, as-built, etc.*)**•ATTEND PRE-CONSTRUCTION & PROGRESS MEETINGS•REVIEW & APPROVE CHANGE ORDERS•MAINTAIN REGULATORY AGENCY COMPLIANCE• CERTIFY COMPLIANCE•ASSIST IN PERMITTING•PERFORM PHASING ANALYSIS•APPLY CONFLICT RESOLUTION•GEOTECHNICAL OBSERVATIONS & TESTING DURING CONSTRUCTION•INSPECTION REPORTS•CONTRACTOR COMPLIANCE MONITORING WITH REGULATOR PERMITS & ENVIRONMENTAL & SWPPP SERVICES•GENERAL CONSTRUCTION SUPPORT SERVICES**(*as requested*)**• COPIES OF CERTIFIED PAYROLLS** (*as requested*)**•FINAL RECORD DRAWINGS** (*as-builts*)**•FINAL BID DOCUMENT PACKAGE** (*all comments, electronic full size PDF + mylar copy of final approved plans + hard copy of final approved specifications, signed & stamped*)**•MONUMENT PRESERVATION** (*prepare pre-construction corner records according to Land Surveyor's Act 8771(b)*)

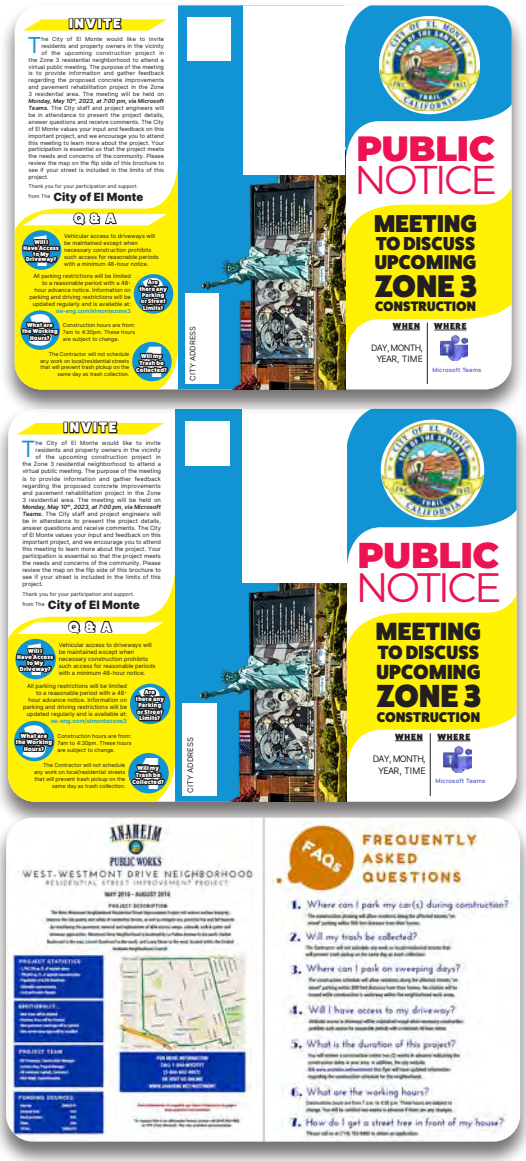


ONWARD ENGINEERING

PUBLIC OUTREACH

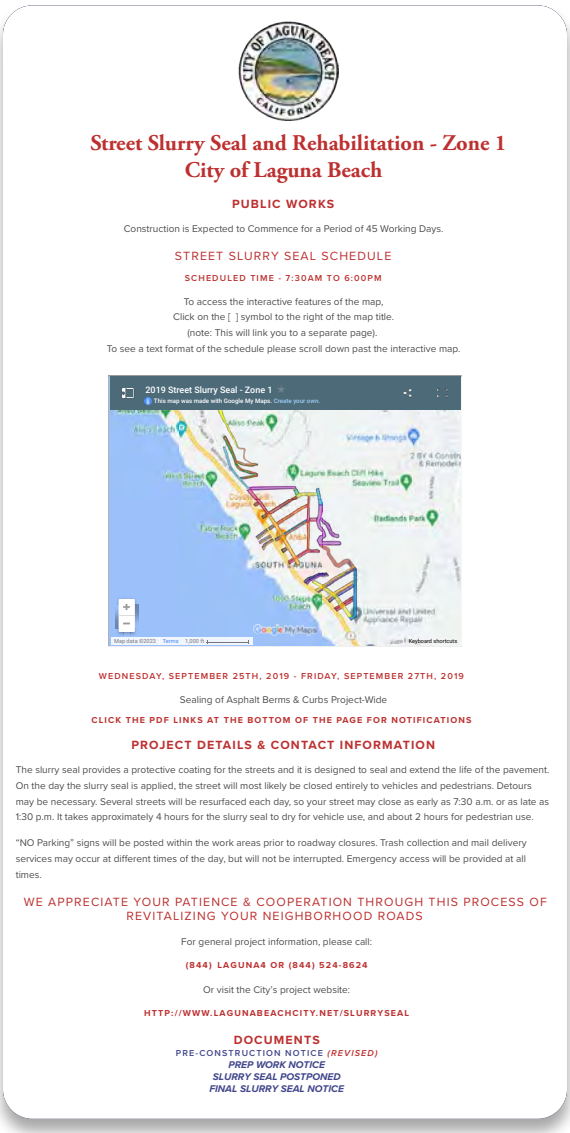
Having a plan for minimizing interruption, garnering public support, and maintaining a positive public perception throughout construction is critical to the overall success of a project. As such, we place an emphasis on community outreach and the dissemination of project information to affected stakeholders. We inform the public because it translates to less complaints, safer construction sites, a smooth construction schedule, and an increasecd positive public perception of the City of Pico Rivera.

PUBLIC NOTICES



OE provides public notices which we will prepare for the Contractor on behalf of the City. These notices are a great way for residents to be made aware of the project, to actually read the notices, and to follow any driving or parking restrictions. We provide distribution of paper notices as shown above.

INFORMATIVE WEB PAGE



OE offers web pages hosted on a separate sub-domain linked to the City's website. This allows OE to produce and update all public notices (PDFs), project information and updates, and interactive maps without requiring City time and resources. The websites also includes the as-mentioned public notices.

TELEPHONE HOTLINE

OE establishes project hotlines to provide businesses, residents, and City staff 24/7 access to project personnel. The City will be provided with a hotline for this project that can function as the contact number for the duration of the project life cycle. All calls are tracked, so a call log can easily be generated and saved, with caller information, time of call, and voice-mail. Upon setup, callers will be greeted by a brief pre-recorded introduction, after which a vocalized menu will offer key options for helpful project information, such as street closures, parking restrictions and schedule changes. They will then have the option to be routed to a task specific staff member. This system is completely customizable, where the contact person can be changed throughout the course of a project, and the system works even if phases are handled by different consultants. This available resource provides peace of mind to the community, knowing the option to voice their concerns and obtain information is a phone call away. This method of consolidation also means less headaches for the City.

INTERACTIVE WEB MAPS

OE has the tools and skills to build interactive and dynamic maps to keep the public informed. Any affected stakeholders can easily access our maps online for updates on detours, phasing, temporary parking, street closures, and general project limit information. OE would manage and update the site and content in real-time in accordance with City requirements. This in-turn provides the City with convenient, easy-to-access content for oversite and to disseminate valuable information.

To view project pages and map, please visit:

www.oe-eng.com/lakedalwigkparkimprovements

www.oe-eng.com/hanford-downtown-improvements-project

www.oe-eng.com/dbarea5

QUALITY ASSURANCE & QUALITY CONTROL

QA Quality Assurance is a proactive measure taken to verify that the systems and procedures OE has put in place are in conformance with the City's requirements and expectations. Achieving design quality is the foundation for keeping costs under control during construction. By focusing resources on producing quality design, QA provides a better return on investment. It must be followed during all phases of project design. The most effective approach should begin during design because emphasizing design quality and design clarity is the surest way to minimize the amount of change orders, claims and construction costs. The most effective and productive QA approach is focusing on producing well-documented, well designed plans and specifications at a standard of high quality. Plan checks will ensure that the plans meet the 5 C's: Consistent, Clear, Correct, Constructible, & Complete.

The Contractor receiving high quality plans would know exactly what to bid, keeping areas of interpretation to a minimum. The requirement for public bidding provides additional incentive for the design engineering team to achieve both quality and clarity in project plans and specifications. The primary goal in achieving the highest project quality is obtained by implementing and maintaining both accuracy and consistency among the calculations, drawings, specifications on project documents.

PLAN REVIEW

3 LEVELS OF REVIEW PRIOR TO EACH SUBMITTAL:

1. INITIAL PEER REVIEW
2. PROJECT MANAGER REVIEW
3. QUALITY ASSURANCE REVIEW

ERROR MITIGATION

3 TIERED ERROR MITIGATION REVIEW ON 3 LEVELS:

1. GROUND LEVEL
   drafting
   calculations
   document formatting
2. PM LEVEL
   design compliance
   intent compliance
3. QA LEVEL
   document completion
   verify "biddable" plans

OE'S QC PLAN ELEMENTS INCLUDE:

PROJECT INFORMATION
title • number • location • description • plan scope • plan overview

CONTRACT REVIEW/SUBMIT
submittal schedule • submittal log review • approval

PROJECT SPECIFICATIONS
industry quality standards • PS&E • OE quality standards • other specifications

PROCESS CONTROL
QC tasks listing • process coordinate • communicate

ADDITIONAL QC REQUIREMENT
client specifications

PROJECT ORGANIZATION
• key personnel • authority • responsibilities

COMMUNICATION PLANS
• chain of communication

DESIGN CONTROL
• design plan & reviews

SUBCONSULTANT QUALIFICATIONS
• sub pre-qualifications • testing lab qualification

CONTROL OF NON-CONFORMITY
• identifying • recording • reporting

CLOSE-OUT
• close-out checklist • lessons learned • close-out report

QC Quality Control means performing all activities in conformance with valid requirements, no matter how large or small their overall contribution would be to the design process. Good CAD techniques, attention to detail, and ensuring plans are correct and useful to the contractor are also essential to quality. Our project engineers and project managers recognize that quality is the result of several processes. It requires a team to perform many appropriate activities at the right time during the plans development process. Quality Control does not solely consist of a review after a product is completed. It is an approach alongside an understanding that quality is a critical point of focus throughout every moment of the design process. The design team follows OE's established design policies, procedures, standards and guidelines in the preparation and review of all design products for compliance and good engineering practice as directed by the Project QC Plan.

PLAN CHECKING

Our primary staff members have over 3 decades of Public Works experience and are proficient in the process of plan checking. The combination of flexibility, strong work ethic, and related experience makes our team well qualified to satisfy the City's needs. OE recognizes the City's need for flexibility in scheduling due to the uncertain and fluctuating amount of incoming work. We will accommodate these variances and pivot quickly to add resources when necessary to meet an expedited turnaround. Aside from accommodating to time constraints, OE assures excellent customer service by providing feedback in a timely manner, as well as deliver precise information the first time. The vast experience of our team members will result in addressing all of the City's needs throughout the term of the contract.

When a plan check/development review is assigned, our team members will review the submittal for consistency with the City's current requirements. If necessary, OE will arrange a meeting with the City's Project Manager to review the submittal. Prior to the development review or plan check comments being returned, an intensive review will be conducted to compare any previous actions or approvals before any plans are signed. A constructability review will be preformed to verify that the project is compatible with existing improvements, will be functional, preserves the safety and health of the public, can be maintained by the City or developer, and is consistent and compatible, complete and accurate with the City's requirements. OE has developed multiple helpful guidelines and checklists that are used by our plan checkers to verify all documentation is complete, accurate and consistent with the City's requirements.

PLAN CHECK TURNAROUND TIMES & FILING

OE, through its years of plan check experience, has come to find that most plan checks can and will be turned around within five working days. We believe it benefits both the City and the owner to have a quick turnaround time, and OE will place the City of Pico Rivera as a priority on all of its plan checks. Having been the designated plan checking department for local agencies, we understand the importance of documenting and itemizing all plan check details within their own individual project folders. OE maintains both a digital and hard copy filing system in an effort to secure the availability of all necessary material to the Owner or the City at all times. All filing standards will be correlated with the City of Pico Rivera to verify that all necessary information is documented in the correct format and structure.

REFERENCE MATERIAL

As a matter of principle and practice, our plan checking department is required to have on hand at all times all required reference plans, specifications, and design manuals to cross reference all design items. Currently, OE maintains the most recent copies of the City of Pico Rivera's Design Manual and Standard Plans, FHWA Design Manuals, Caltrans Design Manuals, FHWA, Caltrans and Greenbook Standard Plans and Specifications, ADA Regulation Handbook, MUTCD Handbook, Hydrology Manual, & many other pertinent design references.

PLAN CHECK DELIVERY & FINALIZATION

Upon final completion of the plan check, OE will promptly notify the City of the availability of said plans. If questions or clarifications need to be addressed, all items will be discussed at this time prior to delivery and pickup. If the City requests plan-checking services to be done remotely, then OE has contracts with courier services as well as staff on hand to deliver the necessary plans to the City for circulation. Upon plan check final approval & completion, OE will compile and submit all plan check information to the City for final compilation and filing. All received information will be included as originals in the project documentation folder. All comments from OE will be included. For added clarity of information, all plan check comments, review redlines, and analyses will be included.

PLAN CHECK PROCEDURES

OE will coordinate directly to ensure all plan intentions are understood prior to the initiation of the plan check. Our staff are excellent communicators and are quick to pick up the phone to clarify details rather than passing over minor discrepancies. We understand how important it is to have accurate plan sets, and we place our full resources and efforts towards the efficient and accurate checking of all received plan sets.

TITLE SHEET

- Project Title
- Vicinity Map
- Location Map
- Street Configuration
- Lot Configuration
- Final Tract Boundaries
- Street Names
- Scale
- Narrow Arrow
- Identifying Limits *(each plan street)*
- Stationing
- City Limits *(where applicable)*
- Label Drainage Channels
- Limits of Construction
- General Notes
- Signature Blocks
- Permit Number(s)
- Index of Sheets
- All Sheets-'Wet' Signatures
- Utility Contacts & Phone #
- Benchmark
- Basis of Bearing
- Developer/Owner Name
- Title Block
- Revision Block
- Underground Service Alert *(USA)*

(STREET) PLAN SHEET

- Construction Notes
- Matchlines & Sheet Reference
- Street Name
- Limits of Construction
- Centerline & Stationing
- Centerline Curve Data
- Bearing & Distance
- Curb Return BCR & ECR
- Curb, Gutter & Sidewalk
- Existing Facilities
- Proposed Storm Drain
- Property Lines
- City Limits *(where applicable)*
- Driveways
- Street Name Location & Size
- Sidewalk Drain Type
- Cross Gutter Not in Collector St.
- Details for Special Paving
- Access Ramps with Case No.
- Median Drain
- Local Depression Details
- Signal Conduit for Traffic Signal
- Caltrans Right-of-Way
- Caltrans Standards Implemented
- Use of Standard Symbols
- Other Improvements Noted
- Striping/Signing Requirements
- Pico Rivera Standard Plans

PROFILE SHEET

SCALES:

- Horizontal & Vertical *(Datum: both edges of sheet)*

STATIONING:

- At all BC, EC, PRC, & PCC
- All Grade Breaks & Equations
- Beginning & Ending of Limits
- At all BVCs, EVCs, PRVCs & PCVCs

ELEVATIONS:

- At Each Edge of Grid *(1 -2 foot intervals at BVC, EVC, PRVC, PCVC, & equations)*
- Beginning & Ending of Bridge
- Existing Ground label *(dashed line)*
- Proposed Finished Surface *(with Grade-in-Percent)*
- Insert Standard Symbol *(for Grade Breaks (circle))*
- Vertical Curve Lengths
- PI Elevation
- Channel Lines
- Ditch Lines
- Grade Lines *(with Grade in Percent)*
- Street Centerline *(name where crosses profile)*
- Superelevation
- Transition Diagram *(above corresponding profile)*

SECTION 4

CLIENT REFERENCES

Reference	*Project Title*
1 KEITH HOEY, PE Senior Civil Engineer (562) 570-6586 keith.hoey@longbeach.gov 411 West Ocean Blvd., 5th Floor, Long Beach, CA. 90802	Citywide ADA Curb Ramps & Path Of Travel Pedestrian Accessibility Improvement Project (page 4)
2 PREM KUMAR City Engineer (310) 802-5300 pkumar@citymb.info 3621 Bell Avenue, Manhattan Beach, CA. 90266	Manhattan Beach & Sepulveda Boulevard Widening (page 5)
3 DESI GUTIERREZ, PE Senior Civil Engineer (562)622-3468 dguteirr@downeyca.org 11111 Brookshire Avenue Downey, CA 90241	Residential Streets Pavement Rehabilitation Projects, Areas 1, 2 & 4 (page 6)

SECTION H

SCHEDULE OF HOURLY RATES

ONWARD ENGINEERING
design smarter. build better.
300 S. Harbor Blvd.
Suite 814
Anaheim, CA 92805
P: (714) 533.3050
www.oe-eng.com

HOURLY RATES

role	*cost (hourly)*
QA/QC Manager	$200.00
TRAFFIC ENGINEER	$200.00
PROJECT MANAGER	$185.00
PROJECT ENGINEER	$140.00
PLAN CHECKER	$160.00
ADMINISTRATION	$95.00

APPENDIX C
NON-COLLUSION AFFIDAVIT

The undersigned declares states and certifies that:

1. This Proposal is not made in the interest of, or on behalf of any undisclosed person, partnership, company, association, organization or corporation. This Proposal is genuine and not collusive or sham.

2. I have not directly or indirectly induced or solicited any other Proposer to put in a false or sham proposal and I have not directly or indirectly colluded, conspired, connived, or agreed with any other Proposer or anyone else to put in sham proposal or to refrain from submitting to this RFP.

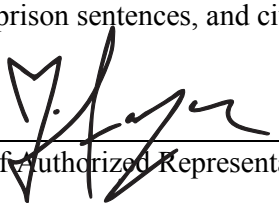
3. I have not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the proposal price or to fix any overhead, profit or cost element of the proposal price or to secure any advantage against the City of Pico Rivera or of anyone interested in the proposed contract.

4. All statements contained in the Proposal and related documents are true.

5. I have not directly or indirectly submitted the proposal price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay any fee to any person, corporation, partnership, company, association, organization, RFP depository, or to any member or agent thereof to effectuate a collusive or sham proposal.

6. I have not entered into any arrangement or agreement with any City of Pico Rivera public officer in connection with this proposal.

7. I understand collusive bidding is a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards.



Signature of Authorized Representative

Muhammad Ataya, MPA — Name of Authorized Representative

Vice President — Title of Authorized Representative

EXHIBIT B
APPROVED FEE SCHEDULE

(SCHEDULE OF HOURLY LABOR RATES AND REIMBURSABLE)

ONWARD ENGINEERING
design smarter. build better.
300 S. Harbor Blvd.
Suite 814
Anaheim, CA 92805
P: (714) 533.3050
www.oe-eng.com

HOURLY RATES

role	*cost (hourly)*
QA/QC Manager	$200.00
TRAFFIC ENGINEER	$200.00
PROJECT MANAGER	$185.00
PROJECT ENGINEER	$140.00
PLAN CHECKER	$160.00
ADMINISTRATION	$95.00

EXHIBIT C
TERMS FOR COMPLIANCE WITH CALIFORNIA LABOR LAW REQUIREMENTS

1. This Agreement calls for services that, in whole or in part, constitute "public works" as defined in Division 2, Part 7, Chapter 1 (commencing with Section 1720) of the California Labor Code ("Chapter 1"). Further, Consultant acknowledges that this Agreement is subject to (a) Chapter 1 and (b) the rules and regulations established by the Department of Industrial Relations ("DIR") implementing such statutes. Therefore, as to those Services that are "public works", Consultant shall comply with and be bound by all the terms, rules and regulations described in 1(a) and 1(b) as though set forth in full herein.

2. California law requires the inclusion of specific Labor Code provisions in certain contracts. The inclusion of such specific provisions below, whether or not required by California law, does not alter the meaning or scope of Section 1 above.

3. Consultant shall be registered with the Department of Industrial Relations in accordance with California Labor Code Section 1725.5, and has provided proof of registration to City prior to the Effective Date of this Agreement. Consultant shall not perform work with any subconsultant that is not registered with DIR pursuant to Section 1725.5. Consultant and subconsultants shall maintain their registration with the DIR in effect throughout the duration of this Agreement. If the Consultant or any subconsultant ceases to be registered with DIR at any time during the duration of the project, Consultant shall immediately notify City.

4. Pursuant to Labor Code Section 1771.4, Consultant's Services are subject to compliance monitoring and enforcement by DIR. Consultant shall post job site notices, as prescribed by DIR regulations.

5. Pursuant to Labor Code Section 1773.2, copies of the prevailing rate of per diem wages for each craft, classification, or type of worker needed to perform the Agreement are on file at City Hall and will be made available to any interested party on request. Consultant acknowledges receipt of a copy of the DIR determination of such prevailing rate of per diem wages, and Consultant shall post such rates at each job site covered by this Agreement.

6. Consultant shall comply with and be bound by the provisions of Labor Code Sections 1774 and 1775 concerning the payment of prevailing rates of wages to workers and the penalties for failure to pay prevailing wages. The Consultant shall, as a penalty to City, forfeit $200.00 for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the DIR for the work or craft in which the worker is employed for any public work done pursuant to this Agreement by Consultant or by any subconsultant.

7. Consultant shall comply with and be bound by the provisions of Labor Code Section 1776, which requires Consultant and each subconsultant to: keep accurate payroll records and verify such records in writing under penalty of perjury, as specified

in Section 1776; certify and make such payroll records available for inspection as provided by Section 1776; and inform City of the location of the records.

8. Consultant shall comply with and be bound by the provisions of Labor Code seq. concerning the employment of apprentices on public works projects. Consultant shall be responsible for compliance with these aforementioned Sections for all apprenticeable occupations. Prior to commencing work under this Agreement, Consultant shall provide City with a copy of the information submitted to any applicable apprenticeship program. Within 60 days after concluding work pursuant to this Agreement, Consultant and each of its subconsultants shall submit to City a verified statement of the journeyman and apprentice hours performed under this Agreement.

9. The Consultant shall not perform Work with any Subconsultant that has been debarred or suspended pursuant to California Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. The Consultant and Subconsultants shall not be debarred or suspended throughout the duration of this Contract pursuant to Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. If the Consultant or any subconsultant becomes debarred or suspended during the duration of the project, the Consultant shall immediately notify City.

10. Consultant acknowledges that eight hours labor constitutes a legal day's work. Consultant shall comply with and be bound by Labor Code Section 1810. Consultant shall comply with and be bound by the provisions of Labor Code Section 1813 concerning penalties for workers who work excess hours. The Consultant shall, as a penalty to City, forfeit $25.00 for each worker employed in the performance of this Agreement by the Consultant or by any subconsultant for each calendar day during which such worker is required or permitted to work more than eight hours in any one calendar day and 40 hours in any one calendar week in violation of the provisions of Division 2, Part 7, Chapter 1, Article 3 of the Labor Code. Pursuant to Labor Code section 1815, work performed by employees of Consultant in excess of eight hours per day, and 40 hours during any one week shall be permitted upon public work upon compensation for all hours worked in excess of eight hours per day at not less than one and one-half times the basic rate of pay.

11. California Labor Code Sections 1860 and 3700 provide that every employer will be required to secure the payment of compensation to its employees. In accordance with the provisions of California Labor Code Section 1861, Consultant hereby certifies as follows:

> "I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract."

12. For every subconsultant who will perform work on the project, Consultant shall be responsible for such subconsultant's compliance with Chapter 1 and Labor Code Sections 1860 and 3700, and Consultant shall include in the written contract between it and each subconsultant a copy of those statutory provisions and a requirement that each subconsultant shall comply with those statutory provisions. Consultant shall be required to take all actions necessary to enforce such contractual provisions and ensure subconsultant's compliance, including without limitation, conducting a periodic review of the certified payroll records of the subconsultant and upon becoming aware of the failure of the subconsultant to pay his or her workers the specified prevailing rate of wages. Consultant shall diligently take corrective action to halt or rectify any failure.

13. To the maximum extent permitted by law, Consultant shall indemnify, hold harmless and defend (at Consultant's expense with counsel reasonably acceptable to City) City, its officials, officers, employees, agents and independent consultants serving in the role of City officials, and volunteers from and against any demand or claim for damages, compensation, fines, penalties or other amounts arising out of or incidental to any acts or omissions listed above by any person or entity (including Consultant, its subconsultants, and each of their officials, officers, employees and agents) in connection with any work undertaken or in connection with the Agreement, including without limitation the payment of all consequential damages, attorneys' fees, and other related costs and expenses. All duties of Consultant under this Section shall survive the termination of the Agreement.

AGREEMENT NO. _____
PROFESSIONAL SERVICES AGREEMENT
BETWEEN THE CITY OF PICO RIVERA AND
ALTA PLANNING & DESIGN, INC.

1. IDENTIFICATION

THIS PROFESSIONAL SERVICES AGREEMENT ("Agreement") is entered into by and between the City of Pico Rivera, a California municipal corporation ("City") and Alta Planning & Design, Inc., ("Consultant"). City and Consultant are sometimes hereinafter individually referred to as a "Party" and collectively referred to as "Parties."

2. RECITALS

2.1 City has determined that it requires professional services from a consultant to provide on-call engineering services.

2.2 Consultant represents that it is fully qualified to perform such professional services by virtue of its experience and the training, education and expertise of its principals and employees. Consultant further represents that it is willing to accept responsibility for performing such services in accordance with the terms and conditions set forth in this Agreement.

NOW, THEREFORE, for and in consideration of the performance by the Parties of the mutual covenants and conditions herein contained, the Parties hereto agree as follows:

3. DEFINITIONS

3.1 "Scope of Services": Such professional services as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "A" and incorporated herein by this reference.

3.2 "Approved Fee Schedule": Such compensation rates as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "B."

3.3 "Commencement Date" : April 23, 2024

3.4 "Expiration Date" : June 30, 2029

4. TERM

The term of this Agreement shall commence at 12:00 a.m. on the Commencement Date and shall expire at 11:59 p.m. on the Expiration Date unless extended by written agreement of the Parties or terminated in accordance with Section 22 below.

5. CONSULTANT'S SERVICES

5.1 Consultant shall perform the services identified in the Scope of Services. City shall have the right to request, in writing, changes in the Scope of Services. Any such changes mutually agreed upon by the Parties, and any corresponding increase or decrease in compensation, shall be incorporated by written amendment to this Agreement. In no event shall the total compensation and costs payable to Consultant under this Agreement exceed the sum of Two Million Five Hundred Thousand Dollars ($2,500,000.00), unless specifically approved in advance, in writing, by City.

5.2 Consultant shall perform all work to the highest professional standards of Consultant's profession and in a manner reasonably satisfactory to City.

6. COMPENSATION

6.1 City agrees to compensate Consultant for the services provided under this Agreement, and Consultant agrees to accept in full satisfaction for such services, payment in accordance with the Approved Fee Schedule.

6.2 Consultant shall submit to City an invoice, on a monthly basis or less frequently, for the services performed pursuant to this Agreement. Each invoice shall itemize the services rendered during the billing period and the amount due. Within ten (10) business days of receipt of each invoice, City shall notify Consultant in writing of any disputed amounts included on the invoice. Within thirty (30) calendar days of receipt of each invoice, City shall pay all undisputed amounts included on the invoice. City shall not withhold applicable taxes or other authorized deductions from payments made to Consultant.

6.3 Payments for any services requested in writing by City and not included in the Scope of Services shall be made to Consultant by City on a time-and-materials basis using Consultant's standard fee schedule. Fees for such additional services shall be paid within sixty (60) days of the date Consultant issues an invoice to City for such services.

7. BUSINESS LICENSE

Consultant shall obtain a City of Pico Rivera business license prior to commencing performance under this Agreement.

8. COMPLIANCE WITH LAWS

Consultant shall keep informed of State, Federal and Local laws, ordinances, codes and regulations that in any manner affect those employed by it or in any way affect the performance of its services pursuant to this Agreement. Consultant shall at all times comply with such laws, ordinances, codes and regulations. Without limiting the generality

of the foregoing, if Consultant is an out-of-state corporation or LLC, it must be qualified and registered to do business in the State of California pursuant to sections 2105 and 17708.02 of the California Corporations Code. The City, its officers and employees shall not be liable at law or in equity occasioned by failure of Consultant to comply with this Section.

9. CONFLICT OF INTEREST

Consultant covenants that it presently has no interest and shall not acquire any interest, direct or indirect, which may be affected by the services to be performed by Consultant under this Agreement, or which would conflict in any manner with the performance of its services hereunder. During the term of this Agreement, Consultant shall not perform any work for another person or entity for whom Consultant was not working at the Commencement Date of this Agreement if both: (i) such work would require Consultant to abstain from a decision under this Agreement pursuant to a conflict of interest statute; and (ii) City has not consented in writing prior to Consultant's performance of such work.

10. PERSONNEL

Consultant represents that it has, or will secure at its own expense, all personnel required to perform the services identified in the Scope of Services. All such services shall be performed by Consultant or under its supervision, and all personnel engaged in the work shall be qualified to perform such services. Consultant reserves the right to determine the assignment of its own employees to the performance of Consultant's services under this Agreement, but City reserves the right, for good cause, to require Consultant to exclude any employee from performing services on City's premises. Ashley Haire, Contract Manager, shall be Consultant's project administrator and shall have direct responsibility for management of Consultant's performance under this Agreement. No change shall be made to Consultant's project administrator without City's prior written consent.

11. OWNERSHIP OF WRITTEN PRODUCTS

All reports, documents or other written material ("written products") developed by Consultant in the performance of this Agreement shall be and remain the property of City without restriction or limitation upon its use or dissemination by City. Consultant may take and retain copies of such written products as desired, but no such written products shall be the subject of a copyright application by Consultant. If any state, federal, or local law requires mandatory copyright protection for Consultant's work product, City shall comply with such laws to the extent feasible.

12. INDEPENDENT CONTRACTOR

12.1 Consultant is, and shall at all times remain as to City, a wholly independent contractor. Consultant shall have no power to incur any debt, obligation, or liability on behalf of City or otherwise to act on behalf of City as an agent. Neither City nor any of its officers, employees or agents shall have control over the conduct of Consultant or any of Consultant's employees, except as set forth in this Agreement. Consultant shall not at any time represent that it is, or that any of its agents or employees are, in any manner employees of City.

12.2 The Parties further acknowledge and agree that nothing in this Agreement shall create or be construed to create a partnership, joint venture, employment relationship, joint-employer relationship, or any other relationship between Consultant or Consultant's employees except as set forth in this Agreement.

12.3 City shall have no direct or indirect control over Consultant's employees or sub-consultants with respect to wages, hours, and working conditions. In addition, City shall not deduct from the Compensation paid to Consultant any sums required for Social Security, withholding taxes, FICA, state disability insurance or any other federal, state or local tax or charge which may or may not be in effect or hereinafter enacted or required as a charge or withholding on the compensation paid to Consultant, Consultant's employees or subconsultants. City shall have no responsibility to provide Consultant, its employees or subconsultants with workers' compensation insurance or any other insurance.

12.4 The Parties further acknowledges the following: (i) that Consultant shall provide the services outlined in the Scope of Services directly to City; (ii) Consultant maintains a business location at the address listed under Section 20 that is separate and distinct from the City; (iii) Consultant contracts with other businesses to provide the same or similar services and maintains a clientele without restriction from the City; (iv) Consultant advertises and holds itself out to the public as available to provide the same or similar services; (v) unless otherwise specified in this Agreement, Consultant provides its own tools, vehicles, and equipment necessary for performing the Scope of Services; (vi) Consultant has proposed and negotiated its own rates; and (vii) consistent with the nature and demands of the project and the City's business hours, Consultant may set its own hours and location of work.

13. CONFIDENTIALITY

All data, documents, discussion, or other information developed or received by Consultant or provided for performance of this Agreement are deemed confidential and shall not be disclosed by Consultant without prior written consent by City. City shall grant such consent if disclosure is legally required. Upon request, all City data and any copies thereof shall be returned to City upon the termination or expiration of this Agreement.

14. NON-LIABILITY OF CITY OFFICIALS AND EMPLOYEES

No official or employee of the City shall be personally liable to Consultant in the event of any default or breach by City, or for any amount which may become due to Consultant.

15. INDEMNIFICATION

15.1 The Parties agree that City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers should, to the extent permitted by law, be fully protected from any loss, injury, damage, claim, lawsuit, cost, expense, attorneys' fees, litigation costs, or any other cost arising out of or in any way related to the performance of this Agreement. Accordingly, the provisions of this indemnity provision are intended by the Parties to be interpreted and construed to provide the fullest protection possible under the law to City. Consultant acknowledges that City would not enter into this Agreement in the absence of Consultant's commitment to indemnify and protect City as set forth herein. Notwithstanding the foregoing, to the extent Consultant's services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.2 To the full extent permitted by law, Consultant shall indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant or any of its officers, employees, servants, agents, or subconsultants in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees. Notwithstanding the foregoing, to the extent Consultant's Services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.3 City shall have the right to offset against the amount of any compensation due Consultant under this Agreement any amount due to City from Consultant as a result of Consultant's failure to pay City promptly any indemnification arising under this Section 15 or related to Consultant's failure to either: (i) pay taxes on amounts received pursuant to this Agreement or (ii) comply with applicable workers' compensation laws.

15.4 The obligations of Consultant under this Section 15 will not be limited by the provisions of any workers' compensation act or similar act. Consultant expressly waives

its statutory immunity under such statutes or laws as to City, its officers, agents, employees and volunteers.

15.5 Consultant agrees to obtain executed indemnity agreements with provisions identical to those set forth here in this Section 15 from each and every subconsultant or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. In the event Consultant fails to obtain such indemnity obligations from others as required herein, Consultant agrees to be fully responsible and indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant's subconsultants or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees.

15.6 City does not, and shall not, waive any rights that it may possess against Consultant because of the acceptance by City, or the deposit with City, of any insurance policy or certificate required pursuant to this Agreement. This hold harmless and indemnification provision shall apply regardless of whether or not any insurance policies are determined to be applicable to the claim, demand, damage, liability, loss, cost or expense.

15.7 **PERS ELIGIBILITY INDEMNITY.** In the event that Consultant or any employee, agent, or subconsultant of Consultant providing services under this Agreement claims or is determined by a court of competent jurisdiction or the California Public Employees Retirement System (PERS) to be eligible for enrollment in PERS as an employee of the City, Consultant shall indemnify, defend, and hold harmless City for the payment of any employee and/or employer contributions for PERS benefits on behalf of Consultant or its employees, agents, or subconsultants, as well as for the payment of any penalties and interest on such contributions, which would otherwise be the responsibility of City.

Notwithstanding any other agency, state or federal policy, rule, regulation, law or ordinance to the contrary, Consultant and any of its employees, agents, and subconsultants providing service under this Agreement shall not qualify for or become entitled to, and hereby agree to waive any claims to, any compensation, benefit, or any incident of employment by City, including but not limited to eligibility to enroll in PERS as an employee of City and entitlement to any contribution to be paid by City for employer contribution and/or employee contributions for PERS benefits.

16. INSURANCE

16.1 During the term of this Agreement, Consultant shall carry, maintain, and keep in full force and effect insurance against claims for death or injuries to persons or damages to property that may arise from or in connection with Consultant's performance of this Agreement. Such insurance shall be of the types and in the amounts as set forth below:

16.1.1 Comprehensive general liability, and Umbrella or Excess Liability Insurance covering all operations by or on behalf of Consultant providing insurance for bodily injury liability and property damage liability for the following and including coverage for:

16.1.1.1 Premises, operations, and mobile equipment

16.1.1.2 Products and completed operations

16.1.1.3 Broad form property damage (including completed operations)

16.1.1.4 Explosion, collapse, and underground hazards

16.1.1.5 Personal Injury

16.1.1.6 Contractual liability

in the amount of One Million Dollars ($1,000,000) per occurrence combined single limit; Two Million Dollars ($2,000,000) aggregate for products/completed operation; Two Million Dollars ($2,000,000) general aggregate (General aggregate must apply separately to Consultant's work under this Agreement.); and Five Million Dollars ($5,000,000) umbrella or excess liability.

16.1.2 Automobile Liability Insurance for owned, hired and non-owned vehicles utilized by Consultant, its employees or subconsultants, in the amount of One Million Dollars ($1,000,000) per accident for bodily injury and property damage.

16.1.3 Worker's Compensation Insurance as required by the laws of the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than One Million Dollars ($1,000,000) per accident for bodily injury or disease.

16.1.4 Professional Liability Insurance against errors and omissions in the performance of the work under this Agreement with coverage limits of not less than One Million Dollars ($1,000,000) per occurrence of claim/ Two Million Dollars ($2,000,000) in the aggregate.

16.2 Consultant shall require each of its subconsultants, if any, to maintain insurance coverage that meets all of the requirements of this Agreement.

16.3 The policy or policies required by this Agreement shall be issued by an insurer admitted in the State of California and with a rating of at least A:VII in the latest edition of Best's Insurance Guide.

16.4 Consultant agrees that if it does not keep the aforesaid insurance in full force and effect City may either: (i) immediately terminate this Agreement; or (ii) take out the necessary insurance and pay, at Consultant's expense, the premium thereon.

16.5 At all times during the term of this Agreement, Consultant shall maintain on file with City's Risk Manager a certificate or certificates of insurance showing that the aforesaid policies are in effect in the required amounts and, for the general liability and automobile liability policies, naming the City as an additional insured. Consultant shall, prior to commencement of work under this Agreement, file with City's Risk Manager such certificate(s).

16.6 Consultant shall provide proof that policies of insurance required herein expiring during the term of this Agreement have been renewed or replaced with other policies providing at least the same coverage. Consultant shall provide such proof to City at least two weeks prior to the expiration of the coverages.

16.7 The general liability and automobile policies of insurance required by this Agreement shall contain an endorsement naming City, its officers, employees, agents and volunteers as additional insureds. All of the policies required under this Agreement shall contain an endorsement providing that the policies cannot be canceled or reduced except on thirty days' prior written notice to City. Consultant agrees to require its insurer to modify the certificates of insurance to delete any exculpatory wording stating that failure of the insurer to mail written notice of cancellation imposes no obligation, and to delete the word "endeavor" with regard to any notice provisions.

16.8 The general liability and automobile policies of insurance provided by Consultant shall be primary to any coverage available to City. Any insurance or self-insurance maintained by City, its officers, employees, agents or volunteers, shall be in excess of Consultant's insurance and shall not contribute with it.

16.9 All insurance coverage provided pursuant to this Agreement shall not prohibit Consultant, and Consultant's employees, agents or subconsultants, from waiving the right of subrogation prior to a loss. Consultant hereby waives all rights of subrogation against the City.

16.10 Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of City, Consultant shall either reduce or eliminate the deductibles or self-insured retentions with respect to City, or Consultant shall procure a bond guaranteeing payment of losses and expenses.

16.11 Procurement of insurance by Consultant shall not be construed as a limitation of Consultant's liability or as full performance of Consultant's duties to indemnify, hold harmless and defend under Section 15 of this Agreement.

16.12 If Consultant maintains broader coverage and/or higher limits than the minimums shown above, the City requires and shall be entitled to the broader coverage and/or the higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

17. MUTUAL COOPERATION

17.1 City shall provide Consultant with all pertinent data, documents and other requested information as is reasonably available to City for the proper performance of Consultant's services under this Agreement.

17.2 In the event any claim or action is brought against City relating to Consultant's performance in connection with this Agreement, Consultant shall render any reasonable assistance that City may require.

18. RECORDS AND INSPECTIONS

Consultant shall maintain full and accurate records with respect to all matters covered under this Agreement for a period of three years after the expiration or termination of this Agreement. City shall have the right to access and examine such records, without charge, during normal business hours. City shall further have the right to audit such records, to make transcripts therefrom and to inspect all program data, documents, proceedings, and activities.

19. PERMITS AND APPROVALS

Consultant shall obtain, at its sole cost and expense, all permits and regulatory approvals necessary in the performance of this Agreement. This includes, but shall not be limited to, encroachment permits and building and safety permits and inspections.

20. NOTICES

Any notices, bills, invoices, or reports required by this Agreement shall be deemed received on: (i) the day of delivery if delivered by hand, facsimile, email, or overnight courier service during Consultant's and City's regular business hours; or (ii) on the third business day following deposit in the United States mail if delivered by mail, postage prepaid, to the addresses listed below (or to such other addresses as the Parties may, from time to time, designate in writing).

If to City:

Steve Carmona, City Manager
City of Pico Rivera
PO Box 1016
6615 Passons Blvd.
Pico Rivera, California 90660-1016

If to Consultant:

Steven Frieson, Vice President
Alta Planning & Design, Inc.
617 W 7th St, Suite 1103
Los Angeles, CA 90017

With a courtesy copy to:

Arnold M. Alvarez-Glasman, City Attorney
13181 Crossroads Parkway North
Suite 400 - West Tower
City of Industry, CA 91746

21. SURVIVING COVENANTS

The Parties agree that the covenants contained in Sections 13, 15 and Paragraph 17.2 of Section 17, of this Agreement shall survive the expiration or termination of this Agreement.

22. TERMINATION

22.1 City shall have the right to terminate this Agreement for any reason on five (5) calendar days' written notice to Consultant. Consultant shall have the right to terminate this Agreement for any reason on sixty (60) calendar days' written notice to City. The effective date of termination shall be upon the date specified in the notice of termination. Consultant agrees that in the event of such termination, City's obligation to pay Consultant shall be limited to payment only for those services satisfactorily rendered, as solely determined by the City, prior to the effective date of termination. Consultant agrees to cease all work under this Agreement on or before the effective date of any notice of termination. All City data, documents, objects, materials or other tangible things shall be returned to City upon the termination or expiration of this Agreement.

22.2 If City terminates this Agreement due to no fault or failure of performance by Consultant, then Consultant shall be paid based on the work satisfactorily performed, as solely determined by the City, at the time of termination. In no event shall Consultant be entitled to receive more than the amount that would be paid to Consultant for the full performance of the services required by this Agreement.

23. ASSIGNMENT

Consultant shall not delegate, transfer, subcontract or assign its duties or rights hereunder, either in whole or in part, without City's prior written consent, and any attempt

to do so shall be void and of no effect. City shall not be obligated or liable under this Agreement to any Party other than Consultant.

24. NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY

24.1 In the performance of this Agreement, Consultant shall not discriminate against any employee, subconsultant, or employment applicant because of race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation. Consultant will take affirmative action to ensure that subconsultants, employees, and employment applicants are treated without regard to their race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.2 Consultant will, in all solicitations or advertisements for employees placed by or on behalf of Consultant state either that it is an equal opportunity employer or that all qualified applicants will receive consideration for employment without regard to race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.3 Consultant will cause the foregoing provisions to be inserted in all subcontracts for any work covered by this Agreement except contracts or subcontracts for standard commercial supplies or raw materials.

25. WARRANTIES

25.1 Each Party has received independent legal advice from its attorneys with respect to the advisability of entering into and executing this Agreement, or been provided with an opportunity to receive independent legal advice and has freely and voluntarily waived and relinquished the right to do so. Each Party who has not obtained independent counsel acknowledges that the failure to have independent legal counsel will not excuse such Party's failure to perform under this Agreement.

25.2 In executing this Agreement, each Party has carefully read this Agreement, knows the contents thereof, and has relied solely on the statements expressly set forth herein and has placed no reliance whatsoever on any statement, representation, or promise of any other party, or any other person or entity, not expressly set forth herein, nor upon the failure of any other party or any other person or entity to make any statement, representation or disclosure of any matter whatsoever.

25.3 It is agreed that each Party has the full right and authority to enter into this Agreement, and that the person executing this Agreement on behalf of either Party has the full right and authority to fully commit and bind such Party to the provisions of this Agreement.

26. CAPTIONS

26.1 The captions appearing at the commencement of the sections hereof, and in any paragraph thereof, are descriptive only and for convenience in reference to this Agreement. Should there be any conflict between such heading, and the section or paragraph thereof at the head of which it appears, the section or paragraph thereof, as the case may be, and not such heading, shall control and govern in the construction of this Agreement.

26.2 Masculine or feminine pronouns shall be substituted for the neuter form and vice versa, and the plural shall be substituted for the singular form and vice versa, in any place or places herein in which the context requires such substitution(s).

27. NON-WAIVER

27.1 The waiver by City or Consultant of any breach of any term, covenant or condition herein contained shall not be deemed to be a waiver of such term, covenant or condition or of any subsequent breach of the same or any other term, covenant or condition herein contained. In no event shall the making by City of any payment to Consultant constitute or be construed as a waiver by City of any breach of covenant, or any default which may then exist on the part of Consultant, and the making of any such payment by City shall in no way impair or prejudice any right or remedy available to City with regard to such breach or default. No term, covenant or condition of this Agreement shall be deemed to have been waived by City or Consultant unless in writing.

27.2 Each right, power and remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise shall be cumulative and shall be in addition to every other right, power, or remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise. The exercise, the commencement of the exercise, or the forbearance of the exercise by any Party of any one or more of such rights, powers or remedies shall not preclude the simultaneous or later exercise by such Party of any of all of such other rights, powers or remedies.

27.3 Consultant shall not be liable for any failure to perform if Consultant presents acceptable evidence, in City's sole judgment, that such failure was due to causes beyond the control and without the fault or negligence of Consultant.

28. COURT COSTS AND ATTORNEY FEES

In the event legal action shall be necessary to enforce any term, covenant or condition herein contained, the Party prevailing in such action, whether reduced to judgment or not, shall be entitled to its reasonable court costs, including accountants' fees and expert witness fees, if any, and attorneys' fees expended in such action. The venue for any litigation shall be Los Angeles County, California.

29. SEVERABILITY

If any term or provision of this Agreement or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable, then such term or provision shall be amended to, and solely to, the extent necessary to cure such invalidity or unenforceability, and in its amended form shall be enforceable. In such event, the remainder of this Agreement, or the application of such term or provision to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby, and each term and provision of this Agreement shall be valid and be enforced to the fullest extent permitted by law.

30. GOVERNING LAW

This Agreement shall be governed and construed in accordance with the laws of the State of California.

31. COUNTERPARTS

This Agreement may be signed in any one or more counterparts all of which taken together shall be but one and the same Agreement. Any signed copy of this Agreement or of any other document or agreement referred to herein, or copy or counterpart thereof, delivered by facsimile or email transmission, shall for all purposes be treated as if it were delivered containing an original manual signature of the Party whose signature appears in the facsimile or email and shall be binding upon such Party in the same manner as though an originally signed copy had been delivered.

32. ENTIRE AGREEMENT

All documents referenced as exhibits in this Agreement are hereby incorporated in this Agreement. In the event of any material discrepancy between the express provisions of this Agreement and the provisions of any document incorporated herein by reference, the provisions of this Agreement shall prevail. This instrument contains the entire Agreement between City and Consultant with respect to the transactions contemplated herein. No other prior oral or written agreements are binding upon the Parties. Amendments hereto or deviations herefrom shall be effective and binding only if made in writing and executed by City and Consultant.

[This section intentionally left blank]

TO EFFECTUATE THIS AGREEMENT, the Parties have caused their duly authorized representatives to execute this Agreement on the dates set forth below.

"CITY" CITY OF PICO RIVERA	"CONSULTANT" ALTA PLANNING + DESIGN, INC.
_____ Andrew C. Lara, Mayor	_____ Steven Frieson, Vice President
Dated: _____	Dated: _____
ATTEST:	**APPROVED AS TO FORM:**
_____ Cynthia Ayala, City Clerk	_____ Arnold M. Alvarez-Glasman, City Attorney

EXHIBIT A
SCOPE OF SERVICES

PROPOSAL FOR

On-Call Engineering Services

City of Pico Rivera

FEBRUARY 14, 2024

PREPARED BY ALTA PLANNING + DESIGN, INC.

IN ASSOCIATION WITH
ARDURRA GROUP
ARELLANO ASSOCIATES
COAST SURVEYING
CRAFTWATER ENGINEERING
DKS ASSOCIATES
GMU GEOTECHNICAL
MONUMENT ROW
RINCON CONSULTANTS

alta

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A. Letter of Offer

Noe Negrete, P.E.
Director of Public Works
City of Pico Rivera
6615 Passons Blvd.
Pico Rivera, CA 90660

February 14, 2024

Re: Proposal for On-Call Engineering Services

Dear Noe Negrete and Members of the Selection Committee:

Alta Planning + Design, Inc. (Alta) is poised to serve the City of Pico Rivera (the City) in an on-call capacity to deliver a range of engineering and design projects that meet the City's unique needs. Alta has brought together a team of qualified firms with experience collaborating together to successfully deliver the anticipated scope of services for this contract. Through this proposal we have demonstrated our dedication to delivering critical infrastructure projects efficiently for clients throughout the Southern California region. Alta's mission to create active and healthy communities is in direct alignment with Pico Rivera's goals for this contract and vision for the community. The Alta Team's key differentiators are:

- **Sustainable Transportation Expertise**: Alta is the national leader in bicycle and pedestrian planning and design, and our multidisciplinary teams evaluate and design projects to integrate seamlessly with the surrounding environment and transportation system. While many firms use the expression "multidisciplinary," it is a core part of Alta's identity and has been part of our culture since our inception. Our integrated approach allows us to offer a range of solutions, leading to designs that are safer, more context-appropriate, implementable, forward-thinking, and can be tailored to a given timeframe or budget. This focused expertise, backed by scalable firm and subconsultant resources, will enable us to support the City on a range of projects.
- **Constructable Design Solutions**: The Alta Team provides civil transportation design, traffic/electrical engineering, transportation planning, landscape architecture, geotechnical, environmental and other technical reports needed to support tasks for this on-call contract. Our team gets projects built and turns challenges into opportunities. We pride ourselves in the number and quality of our pedestrian, bikeway, Complete Street, and trail improvement projects that have been successfully constructed and will bring that experience to help the City navigate specific design challenges.
- **Local Knowledge and an Experienced, Cohesive Team**: We can take on this engineering on-call with a clear understanding of the City's need to efficiently deliver projects. In South El Monte, our designs on the Merced Avenue Greenway are currently under construction. We also recently completed the Reimagine Rosemead project that planned separated bikeways and BRT and included coordination with LA County for upcoming work adjacent to Whittier Narrows. Through our previous work, we are familiar with Pico Rivera's character and growth opportunities, the challenges facing its transportation networks, and its aspirations regarding safety improvements and multimodal integration.

Acknowledgments

Alta acknowledges that this proposal shall remain valid for a period of no less than 90 calendar days from the date of submittal. We acknowledge we are obligated by all addenda issued to this RFP. All information submitted with this proposal is true and correct.

I, Ashley Haire, will be the contact person during the qualification evaluation period. Please find my contact information, along with the information requested from the contractually responsible consultant, in the box below. Thank you for the opportunity to submit this proposal. We hope to collaborate with you on these exciting upcoming projects.

Sincerely,

Ashley Haire, PhD, PE, ENV SP
Principal, Contract Manager
Alta Planning + Design, Inc

Steven Frieson, PE, LCI, QSD
Vice President, as duly authorized
Alta Planning + Design, Inc

CONSULTING FIRM

NAME
Alta Planning + Design, Inc.

ADDRESS
617 W 7th Street, Suite 1103
Los Angeles, CA 90017

PHONE
(213) 797-4445

FEDERAL TAX ID
680465555

CONTACT PERSON
Ashley Haire, PhD, PE, ENV SP
Principal - Engineer
(213) 255-4566
ashleyhaire@altago.com

SUBCONSULTANTS

Legal Name of Company	Address	Contact
Ardurra Group, Inc.	1960 E Grand Ave, Suite 300 El Segundo, CA 90246	Anissa Voyiatzes avoyiatzes@ardurra.com
Arellano Associates, LLC	5851 Pine Ave, Suite A Chino Hills, CA 91709	Genoveva L. Arellano garellano@arellanoassociates.com
Coast Surveying, Inc.	15031 Parkway Loop, Suite B Tustin, CA 92780-6527	Ruel del Castillo ruel.delcastillo@coastsurvey.com
Craftwater Engineering, Inc.	11026 Caminito Vista Pacifica San Diego, CA 92131	Oliver Galang oliver.galang@craftwaterinc.com
DKS Associates	2401 E. Katella Avenue, Suite 425 Anaheim, CA 92806	Jeff Heald jbh@dksassociates.com
GMU Geotechnical, Inc.	30336 Esperanza Rancho Santa Margarita, CA 92688	Roger Schlierkamp rschlierkamp@gmugeo.com
Monument ROW	200 Spectrum Center, Suite 300 Irvine, CA 92618	BJ Swanner bswanner@monumentrow.com
Rincon Consultants, Inc.	250 East 1st Street, Suite 1400 Los Angeles, California 90012	Vanessa Villanueva vvillanueva@rinconconsultants.com

B. Qualifications of the Firm

Alta is a sustainable transportation consulting firm dedicated to creating active, healthy communities through planning, landscape architecture, engineering, and education/ encouragement programs.

Our work brings about positive change by creating places that are geared towards moving people, connecting community members to daily needs, and empowering every person to live an active, healthy life.

Alta was founded in 1996, when cities and communities were calling for safer streets for people walking and bicycling. We pioneered the field of active transportation, and evolved into a visionary multimodal practice. As a global leader in mobility innovation, we are dedicated to working across disciplines to address social justice, safety, and environmental resilience.

Financial Condition

Alta has an established history of consistently successful and stable annual financial performance. A copy of our most recent, externally reviewed financial statement is available upon request. Alta has no financial conditions, including bankruptcy, pending litigation, planned office closures, or impending mergers that may impede our ability to complete the project.

Strength & Stability

Alta is owned by Trilon Group (Trilon), a family of North American infrastructure consulting firms. Alta is a single legal entity C-Corporation in the state of California managed by a 3-member board of directors of representatives from the Trilon Group, guided by a Strategic Advisory Committee of Alta representatives.

alta

YEAR FOUNDED:

1996

FORM OF THE ORGANIZATION:

C-Corporation

SERVICES OFFERED:

- Complete Streets
- First/Last mile and active transportation
- Multimodal transportation
- Landscape architecture and site design
- Transportation, traffic, and civil engineering
- Safety
- New mobility strategy, workflow, policy, and program evaluation
- Mobility hubs/micromobility/bike share
- Green infrastructure and greenhouse gas emission strategies
- Bicycle and pedestrian integration with transit
- Bicycle and pedestrian facility design guidelines
- Civic analytics
- Trail safety and sustainability audit
- Signage and wayfinding
- Construction documentation and administration

OFFICES AND STAFFING:

Number of Offices: 17
Total Employees: 208

- Atlanta, GA: 12
- Baltimore, MD: 7
- Charlotte, NC: 4
- Columbus, OH: 1
- Denver, CO: 6
- Durham, NC: 13
- Huntsville, AL: 5
- Los Angeles, CA: 34
- Minneapolis, MN: 9
- Oakland, CA: 24
- Phoenix, AZ: 5
- Portland, OR: 60
- Salt Lake City, UT: 6
- Seattle, WA: 8
- West Palm Beach, FL: 4
- Ottawa, Canada: 9
- Vancouver, Canada: 1

Alta led conceptual design, outreach, and preparation of construction documents for Culver City's first separated bikeway on Elenda Street.

Availability & Current Work Load

Alta project managers use Deltek Vision software to balance resources and manage the complete lifecycle of a project. This ensures staff is not over-committed. Our 17 offices across the US and Canada are able to track and manage project progress with streamlined collaboration and information sharing across a distributed project team.

With respect to current work load indicators, the staff members proposed for this on-call, listed in Section C. Proposed Staffing starting on page 17a, are well positioned to be fully involved in this plan, as many of our current projects are coming to a close.

Proven Record of Meeting Schedules

Alta understands the importance of meeting project delivery schedules. Our quality of work, cost control, and schedule compliance will result from a systematic management program tailored to this on-call contract. We will anticipate workload and schedule changes by preparing and maintaining a detailed critical path method schedule that is resource loaded and treated as a living document throughout the lifecycle of a project. We invite the City to reach out to our Client References in Section F (starting on page 25) who can speak further to our qualifications and proven record for meeting schedules on similar types of projects.

Areas of Service

A PROJECT MANAGEMENT

Alta has worked with many public agencies across the country in an on-call capacity to assist with non-motorized planning, transportation engineering, and landscape architecture projects. Our specific approach to project management in an on-call, technical support role involves close client communication, frequent collaboration during project development, and efficient delegation of design tasks to the consultant team and client agency staff. Alta will be an asset in developing well-organized, clearly written, forward-thinking construction documents and reports.

We understand that producing high-quality built projects that maintain the project budget requires an understanding of the client and community needs, the programmatic elements, construction costs and methods and specific site conditions. To manage a project effectively requires excellent communication skills, so each team member has a common expectation of the project outcome. For more details on our Project Management approach please refer to Section E. Work Approach, starting on page 23.

B COMMUNITY OUTREACH

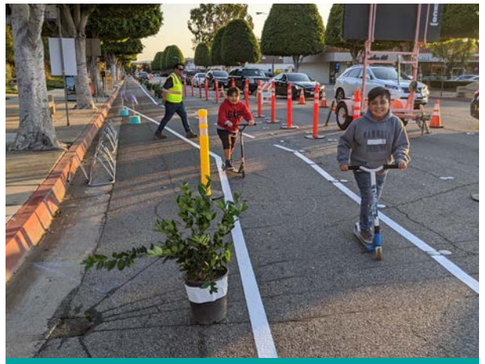
Alta's outreach process is inclusive, interactive, and productive. Our team of trained professionals are experts at facilitating public forums, including translation services, to convey technical issues in a clear manner. Our engagement toolkit includes a variety of innovative techniques, and we focus on finding the options that work best to engage a wide audience of stakeholders with a focus on reaching traditionally underserved communities and those with different cultural and language needs.

Our strategies include online surveys, interactive web-based platforms, visual renderings to communicate design options, and hosting booths or tables at community events to share information with residents as they go about their daily lives. Through accessible language, customized messaging, and data-driven engagement methods, Our outreach strategies establish a sound platform to move a project forward with optimal community buy-in.

C PRELIMINARY ENGINEERING AND PLANNING STUDIES

Making core areas and streets more livable, vibrant, and pedestrian- and bicycle-friendly is a priority for many communities. Alta offers a unique blend of skills to produce an effective and high quality multimodal solution, from concept to implementation. Our staff have specialized expertise in land-use planning, traffic calming, context-sensitive design, green infrastructure, main streets, transit corridors and access, multimodal design, urban design, and many other aspects of creating livable communities.

DKS will be supporting Alta by providing planning and design for the preliminary engineering and planning studies and general design support. DKS will provide transportation planning and traffic engineering consulting on an as-needed basis for services including design plans, transportation analysis, traffic signal corridor coordination studies, simulation/modeling, traffic counts, statewide planning efforts, research and outreach, and training. DKS' experience ranges from initial planning analysis and feasibility studies to traffic operational analysis, preparation of plans, specifications, and estimates (PS&E), development of construction traffic control, and monitoring of final construction. This wide breadth of experience provides clients with a unique blend of planning, operations, and design expertise. DKS engineers prepare PS&E for traffic signals, traffic signal interconnect, fiber optic networks, street lighting systems, signing and striping, and temporary traffic control during construction.



Alta led the development of a multimodal corridor plan and demonstration projects to improve facilities within five jurisdictions along the Arrow Highway Corridor.

GMU will also support preliminary engineering and planning with their extensive experience in the design and construction of numerous public works projects including pavement maintenance and rehabilitation projects, streetscapes, community parks, large-scale civic centers, and other infrastructure improvement projects. Pavement materials and soil materials behave and perform very differently; however, pavement engineering is often blended with geotechnical engineering at most geotechnical engineering firms.

In reality, pavement engineering and geotechnical engineering are distinctly different sub-disciplines of civil engineering. GMU has employed dedicated pavement engineers to perform advanced pavement engineering and testing.

D SURVEYS, MAPPING, AND FIELD REVIEWS

Coast Surveying is a highly specialized consultancy firm with a strong focus on providing comprehensive expertise in data collection, mapping, and surveying, particularly for infrastructure and engineering projects. Their expertise includes, but is not limited to, the following key services:

- Control Surveys: Coast excels in establishing precise control points that serve as the foundation for accurate mapping and surveying activities. These control points ensure the reliability of all subsequent survey data.
- Topographic Surveys: Coast is adept at conducting topographic surveys to gather detailed information about the natural and man-made infrastructure of the project area, providing essential data for design and engineering purposes.
- Monument Establishment: Coast specializes in setting permanent monuments or markers to demarcate surveyed locations accurately, ensuring long-term reference points for future use. Post-construction efforts include resetting any monuments/ties that were destroyed or disturbed during construction. Coast has filed hundreds of pre- and post-construction corner records and Records of Surveys to document the position of monuments.
- Aerial Photogrammetry: Utilizing advanced aerial photogrammetry techniques, Coast captures high-resolution imagery from above to create detailed maps and project site models. Coast's team is adept at working with aerial companies to ensure proper ground control to achieve the necessary scale and contours.
- Record of Survey: They are well-versed in creating comprehensive records of survey, documenting all aspects of their surveying work in adherence to the Professional Land Surveyors' Act and California Business and Professions Code.

E ENVIRONMENTAL STUDIES AND DOCUMENTATION

Alta services include alternatives analysis, environmental assessments, environmental impact reports/studies, permitting, and resource assessments. Alta staff members have comprehensive knowledge of environmental law requirements (CEQA, NEPA) relevant to transportation and traffic impact studies.

Rincon Consultants will support environmental studies and documentation by providing environmental support and scientific research to create and sustain innovative solutions to natural resource, sustainability, and environmental impacts. Their expertise includes, but is not limited to, the following key services:

- Environmental and Land Use Planning
- Biological Resources Assessment and Regulatory Compliance
- Environmental Site Assessment and Remediation
- Cultural Resources
- Water Resources
- Sustainability Services

F UTILITY RESEARCH AND COORDINATION

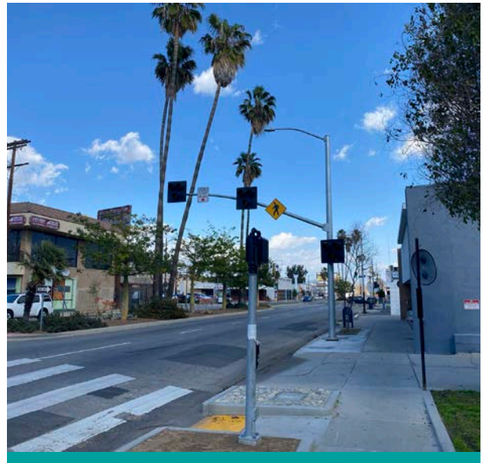
We have the commitment, management tools, and expertise to coordinate early and effectively with utility companies. **Ardurra** has developed and uses a detailed utility notification matrix (Notification and Response Log) on every project. This tool, used for the life of the project, captures all interactions with utility companies. The log tracks all project-specific utility company information and documents the coordination. The log will be kept up to date and made available to the City, along with all responses and atlas maps.

As requested by the City, Ardurra will follow the guidelines for subsurface utility engineering (SUE) described in the ASCE Standard Guideline for Investigating and Documenting Existing Utilities (ASCE 38-22) for all projects. SUE is a means to better characterize the quality of subsurface utility information and to manage the risks associated with construction activities that affect subsurface utilities. This method assures all stakeholders, including the contractor, are aware of the level of accuracy and risk associated with the known mapped existing utilities.

G RIGHT OF WAY PHASE AND DETERMINATION

Monument performs negotiations for voluntary and involuntary acquisitions with a hands-on approach knowing the sensitivity involved. They comply with all applicable laws and regulations including the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 or Title 25, California Code of Regulations, and its amendments. Utilizing their team of bilingual agents, Monument establishes trusted relationships with the property owners to ensure a smooth transaction while ethically representing the City.

During the engineering design phase, Monument will work in collaboration with the City and design team to assist in analyzing the right-of-way requirements and provide input that result in minimizing property impacts and right-of-way capital cost:



Alta provided civil engineering, traffic engineering, and landscape and irrigation design for the Sherman Way Streetscape Project. This project originated from an on-call contract with the City of Los Angeles.

- Review and analyze proposed engineering design plans and determine potential right-of-way acquisition requirements.
- Take an inventory of the affected properties.
- Using public Assessor's Roll information, investigate the ownership, lot size, and building size of each affected property.
- Develop a rough order of magnitude on high profile parcels for consideration of potential design alternatives to minimize property impacts.
- Provide input on potential solutions to mitigate impacts to private property and affected business and residential occupants.

H DESIGN

Alta is a leader in the research, design, and advancement of progressive multimodal facility design. Our staff has specialized expertise in traffic calming, on-street bikeways, context-sensitive design, Safe Routes to School, Complete Streets, transit corridors, access, circulation, urban design, new mobility integration, and many other aspects of creating safe and intuitive on-street facilities that work seamlessly with adjacent sidewalk and trail systems. Our team of engineers and landscape architects understand how to create multi-modal streets that respond to the 21st century needs of pedestrians, bicyclists, transit users, and motorists.

Alta's traffic engineering skills offer a perspective that goes beyond merely evaluating autos – we consider public transit, delivery vehicles, bicycles, and pedestrians. Our backgrounds and experiences are fully rooted in the fundamentals of traditional traffic engineering principles.

Alta also provides civil engineering design services to agencies to provide plans, specifications and cost estimates for pavement rehabilitation, streetscape improvements, and other projects. Our project experience has demonstrated that we consider the needs of all users in our technical project development process.

ADA accessibility in roadway design is our team's specialty. Alta's experience designing ADA compliant and accessible curb ramps for agencies like the City of Los Angeles, the City of El Monte, and Caltrans has built our awareness of the liability risk many cities have because of non-compliant ADA facilities within their jurisdictions, giving the Alta team valuable design insight. Where necessary, Alta identifies the need to upgrade facilities early in the design development process to develop truly inclusive complete streets and minimize unnecessary project costs.

Our technical staff are careful to assess the need for full replacements or modifications to bring infrastructure to code and can develop details for the construction of compliant improvements should more complex modifications be necessary. Alta can incorporate specific design elements that increase safety, including narrowing the width of street crossings, improved lighting, and effective site lines. We strive to create sustainable CIPs that do not over-burden maintenance departments and minimize operation costs.

I CONSTRUCTION PHASE AUTHORIZATION

Implementation of a planned facility can be the most challenging aspect of a project. Easements, permits and construction issues require an experienced team. Alta offers a full suite of services, from planning and design to full construction documents and construction administration. Our team includes registered civil and traffic engineers with experience negotiating easements, securing required permits, and working with contractors to quickly resolve on-site issues during construction.

We understand the administrative and compliance requirements required of projects with state and federal funding. Use of these funds requires certain reporting activities, including semi-annual progress reports, expenditure documentation, and ultimately the E-76 "Authorization to Proceed" package that must be approved to receive funding

reimbursement. We are well versed in these requirements and will assist the City as needed in coordinating with and providing the required documentation; these projects typically require federal and state environmental clearance and permits as well as coordination with state and local funding administrators.

Following the requirements of the Caltrans Local Assistance Procedures Manual (LAPM) Chapter 15, Ardurra will support Alta and the City in coordinating and preparing the forms needed to obtain authorization for construction from Caltrans.

J BID SUPPORT SERVICES

Once a design has been vetted and agreed on, Alta will move into the final design phase, which includes the development of construction documentation and specifications that meet local, state, and federal regulations. Alta will work with the City and appropriate agencies to format our drawing and specifications to comply with their standards. The final design package is then submitted for a final review to stakeholders as directed by City staff. Final comments are incorporated into the package and a final bid document set is issued to the City for soliciting contractor bids.

Alta can provide effective and responsive bid and design engineering during construction services. Our designers are able to quickly respond to bidder questions during the bid phase and our team includes local engineers who can get out to the field in a timely manner and respond to contractor RFIs or provide field direction. Alta will work with local construction management firm Ardurra to provide construction inspection or resident engineer services.

K CONSTRUCTION SUPPORT SERVICES

Ardurra will provide continuous and quick responses through ongoing design support during construction, discussing responses with the City prior to publishing responses to the contractor or construction manager. Upon approval of responses, they will deliver clear and concise responses to the contractor and construction managers regarding requests for information (RFIs) and resolve discrepancies in the contract documents. They will provide a detailed review and approval of the contractor's shop drawings and submittals under the project specifications.

Ardurra will also verify that the contractor maintains an accurate record of all changes in the plans and specifications, including those under RFIs, addendum, and any additional details needed to construct the project but not shown on the plans. They will work with the contractor to maintain an updated set of record drawings denoting deviations from the design drawings during construction. They will also review and compile these drawings, which they will transmit to the City at the end of the project as the as-built plans.

L GRANT ADMINISTRATION

Alta staff have assisted jurisdictions across the country in winning over $850 million in grant funding for projects enveloping Transportation, Affordable Housing, and Capital Projects & Infrastructure. Alta's in-house grant writing specialists excel at identifying funding opportunities, matching projects to the right funding source, and recognizing opportunities to pursue multiple funding sources. Alta staff bring the technical expertise and organization to complete a range of tasks, from full-fledged preparation of the grant application to assisting with document review and preliminary design.

Our funding assistance services include, but are not limited to:

- Technical writing and narrative development
- Preparing preliminary project design
- Modeling and benefit cost analysis
- Data collection and evaluation
- GIS and mapping expertise
- Document review and quality control
- Confirming project details and costs

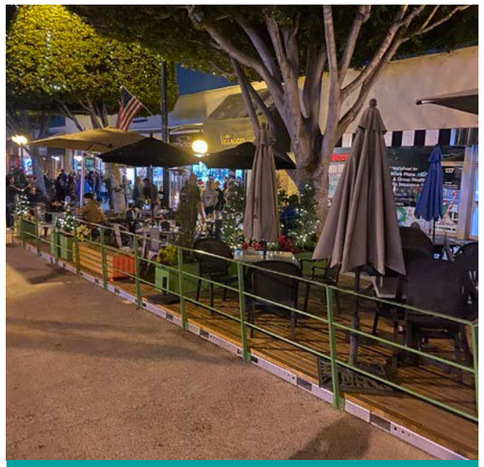
M PRIOR RIGHTS EXPERTISE

During the environmental clearance phase, Monument's utility team will be engaged in early utility coordination planning. These preliminary planning tasks include:

- Securing utility as-built drawings
- Identifying potential easement needs
- Determining all utility owners, anticipated conflicts, and prior rights
- Coordinating with the design team to determine potholing locations

Should potholing be deemed necessary, Monument will organize these efforts with the team and all affected utility owners, to determine the horizontal and vertical locations of underground utility facilities and report these findings to the design team to accurately plot their localities. As design elements mature and the potholing results have been plotted, Monument is then able to locate potential and absolute utility conflict sites in preparation for coordination activities.

Once the project has received environmental clearance, Monument's Utility Coordination Team, working in conjunction with the Project Team, can begin determining conflicts and issue relocation claim letters to impacted utility owners. Facilitating these tasks will include extensive design reviews with each owner to create an acceptable utility relocation plan able to accommodate the construction of the project. At this time, Monument becomes the primary point of contact with all impacted utility owners and initiates all written correspondence with each owner including relocation claims letters, utility owner noticing, utility agreements, and Reports of Investigations for all utilities confirmed to be in conflict. As part of this process, Monument will establish comprehensive utility relocation files and participate in design reviews involving any utilities in the vicinities of bridges, walls, roadways, drainage facilities, sign foundations, and traffic signal foundations. Additionally, design reviews of utility owner installation plans will ensue along with the subsequent processing of Caltrans encroachment permits, as needed. If required, Monument will also prepare and submit FHWA Specific Authorizations for both Notice to Owners and utility agreements and prepare the utility certification for the project. Concurrent with certification, Monument will verify utility owner invoicing and payments to ensure proper credits for betterments, salvage, and depreciation.



Alta designed eight parklets for the City of Glendora. Our scope included preliminary research and investigation, concept and final site plans, research and coordination with fabrication vendors, and installation support.

Consultant/Subconsultant Collaboration

Alta regularly forms multi-disciplinary teams with subconsultants. Alta will prepare and execute subcontract agreements that articulate deliverable work products and link them to milestones over the duration of a project period. The table below lists our proposed subconsultants, services categories, and history of working with Alta in California.

Subconsultant	Projects with Alta in California
ARDURRA GROUP	• North Hill Complete Streets, Pasadena (Prime) • Los Angeles Curb Ramps at Various Locations - TOS 8 (Sub) • Sister Cities Friendship Trail, La Cañada Flintridge (Sub) • Long Beach Development Services Program Review (Prime)
ARELLANO ASSOCIATES	• LA Metro Rail to River Transportation Corridor Feasibility Study (Sub) • Pico Rivera Safe Routes to School Master Plan (Sub) • Los Angeles Metro Safe Routes to School Pilot Program (Sub) • SCAG Bellflower-Paramount Joint Bicycle Master Plan (Sub) • OCTA District 3 Bikeways Collaborative Planning Study (Sub) • Fontana City Wide Active Transportation Plan (Sub) • SCAG Riverside Active Transportation, Pedestrian Target Hardening Plan, & Complete Streets Ordinance (Sub) • OCTA Garden Grove to Santa Ana Rail Trail, OC Connect (Sub)
COAST SURVEYING	• Merced Avenue Traffic Calming, El Monte (Sub) • El Monte Traffic Calming Plan with Class IV Bike Plans for Parkway & Denholm (Sub) • Gage Canal Multi-Purpose Recreational Trail Design, Riverside (Sub) • San Jose Multi-Use Bikeway, Pomona (Sub) • Glendora Urban Trail Design and Right-of-Way Support (Sub) • Long Beach Downey and South Pedestrian Refuge Islands (Sub) • La Ballona Elementary Protected Bike Lane & Safe Routes to School Project, Culver City (Sub) • Jackson Avenue Access Point Outreach & Engineering, Culver City (Sub) • Sister Cities Friendship Trail, La Cañada Flintridge (Sub) • Atwood Multipurpose Trail Environmental & Engineering Design Services, Placentia (Sub) • San Miguel Elementary Parking Design, Lemon Grove (Sub) • Garces Memorial Circle Enhancement, Bakersfield (Sub) • Laurel Elementary Safe Routes to School Design, Oceanside (Sub) • OCTA Garden Grove to Santa Ana Rail Trail (Sub)

Subconsultant	Projects with Alta in California
CRAFTWATER ENGINEERING	• Merced Avenue Traffic Calming, El Monte (Sub) • Traffic Calming Plan with Class IV Bike Plans for Parkway & Denholm, El Monte (Sub) • San Jose Multi-Use Bikeway, Pomona (Sub) • Carson Streetscape Conceptual Design Template Project (Prime) • El Monte CIP016 Traffic Calming (Sub) • Lynwood City Park Stormwater Capture (Prime) • Fairplex Stormwater Capture Project, Pomona (Prime) • Atwood Multipurpose Trail - Environmental and Engineering Design Services, Placentia (Sub)
DKS ASSOCIATES	• Yorba Linda-Placentia Multi-Agency Active Transportation Plan (Sub) • Olympic Corridor Trail Connector Study, Contra Costa County (Sub) • I-680 /Treat Boulevard Bike Pedestrian Plan, Contra Costa County (Sub) • Highway 101 Pedestrian/Bicycle Overpass Planning & Design, East Palo Alto (Sub) • Folsom Active Transportation Plan (Sub) • Livable Moraga Road Study & Design (Sub) • Oakland 7th Street Connection Project (Sub) • Sacramento County Active Transportation Plan (Sub) • San Joaquin COG Bike, Pedestrian, & Safe Routes to School Plan (Sub) • Edison Language Academy Safe Routes to School, Santa Monica (Sub) • Southern Shores Comprehensive Bicycle and Pedestrian Plan (Sub)
GMU	• Merced Avenue Traffic Calming, El Monte (Sub) • Traffic Calming Plan with Class IV Bike Plans for Parkway & Denholm, El Monte (Sub) • San Miguel Elementary Parking Design, Lemon Grove (Sub) • Green Alleys Project, Corona (Sub)
MONUMENT	*Though Alta does not have recent experience with Monument, Alta team members have worked extensively with BJ Swanner, now employed at Monument, while he was with a previous firms.*
RINCON CONSULTANTS	• Glendora Urban Trail Design and Right-of-Way Support (Sub) • Gage Canal Multi-Purpose Recreational Trail Design, Riverside (Sub) • Santa Rosa Valley Trail Plan, Ventura County (Prime) • Oakland Bicycle Master Plan Update (Sub) • Environmental Review and Preliminary Engineering Design Assistance on the Fort Ord Regional Trail and Greenway (FORTAG) Project, Monterey County (Sub) • Milpitas Trails Master Plan and Bicycle & Pedestrian Master Plan (Sub) • South Higuera Street Quick Build 10% Concepts, San Luis Obispo • Parker Street to Addison Bikeway - AHSC Connected Berkeley (Sub)

Merced Avenue Linear Park and Traffic Calming

EL MONTE, CA | 2020-ONGOING

Alta is providing construction support services for the Linear Park which is currently in construction. The linear park will be created in a new median, and will feature walking and biking paths, native plantings, stormwater capture, public art, shade trees, and play areas. Alta provided final PS&E for the linear park design. The plans include curb ramp details, median plan and profile plans, grading details of the trail, landscape and irrigation plans, amenity details, and signing and striping plans.

To date, Alta has worked with El Monte to support grant applications for construction funding, provided a range of concept designs, conducted extensive public outreach, and created a fly-through animation to build support for the project. An anticipated future phase will connect to and re-naturalize a local stream and provide a Class I path that joins with the nearby Rio Hondo Bike Path.

New bicycle facilities on adjacent streets will connect to the Rio Hondo River Trail and the bicycle transportation network of neighboring South El Monte. Through this process, Alta and the City used varied grant sources to incorporate multiple benefits to project outcomes. The team addressed City and resident concerns to create a design that minimized parking loss while maintaining a high-quality facility.

CLIENT

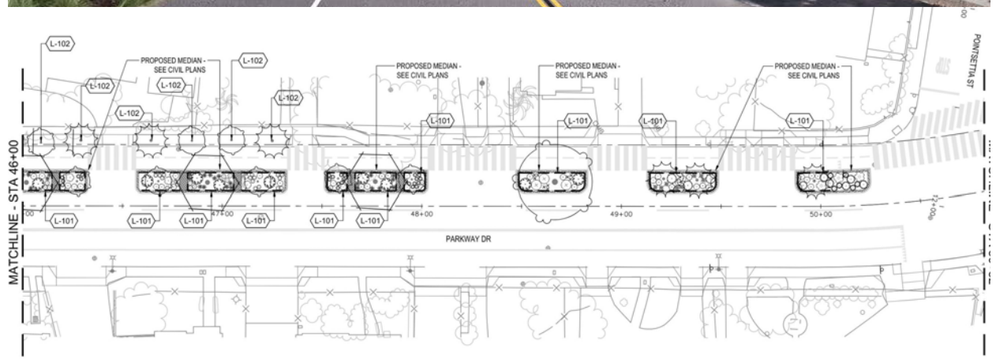
City of El Monte

BUDGET & SCHEDULE COMPLIANCE

Currently on schedule and within budget

TEAMING PARTNERS INVOLVED

Alta | Coast Surveying | Craftwater Engineering | GMU



Traffic Calming and Class IV Bike Lane - Parkway and Denholm Drive

EL MONTE, CA | 2020-ONGOING

Alta is working with the City of El Monte to calm traffic and improve roadway safety on Parkway Drive and Denholm Drive. Alta designed a Class IV Bikeway and additional traffic calming measures such as removing existing speed humps and other methods as deemed appropriate. The project will include the design of a total of 38 curb ramps, including uni-directional, mid-block uni-directional, and directional ramps. Additionally, Alta designed raised crosswalks along the Class IV bike facility. The new bikeway also provides traffic calming for this historically high-speed residential corridor. Connections and safety are improved for two schools along the route, with new ADA compliant curb ramps and shortened crossing distances due to medians and high-visibility crosswalks.

The medians also serve as green stormwater infrastructure improving water quality by filtering and treating runoff prior to entering the storm drain system. Alta facilitated influential community outreach to obtain residents buy-in and support the successful active transportation plan grant application.

CLIENT

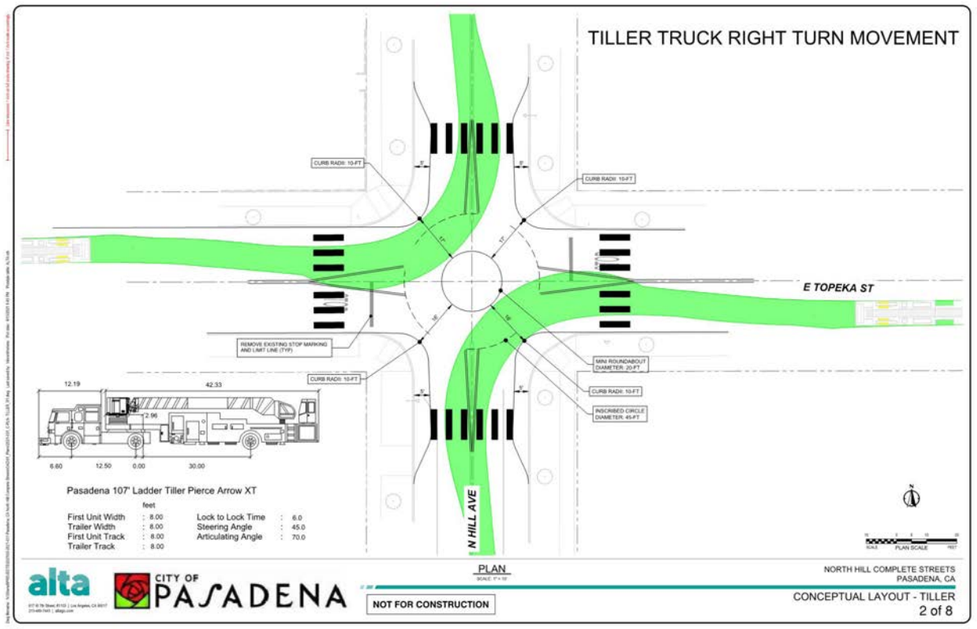
City of El Monte

BUDGET & SCHEDULE COMPLIANCE

Currently on schedule and within budget

TEAMING PARTNERS INVOLVED

Alta | Coast Surveying | Craftwater Engineering | GMU



North Hill Complete Streets

PASADENA, CA | 2021–2022

Ardurra designed two residential intersection roundabouts for calming traffic on North Hill Avenue at East Topeka Street and East Elizabeth Street. Alta, as sub to Ardurra, prepared preliminary geometrics for the two roundabouts, as well as designs for ADA accessibility improvements and new curb extensions. Alta's complete scope of services included civil engineering design support, preliminary signing and striping designs, lighting illumination calculations, final street lighting plans and specifications, and peer review of final designs.

The project features roundabouts, bulb-outs, curb ramps, street lighting, signing and striping, parkway and private property improvements, and roadway rehabilitation. The project involves project management, public outreach, utility coordination, preliminary design, final PS&E, and construction design and as-built plans.

CLIENT
City of Pasadena

BUDGET & SCHEDULE COMPLIANCE
Completed on schedule and within budget

TEAMING PARTNERS INVOLVED
Alta | Ardurra

San Jose Creek Multi-Use Bikeway

POMONA, CA | 2022-ONGOING

Alta is working with the City of Pomona on the design and engineering of the San Jose Creek Multi-Use Bikeway, which would create a multi-use path that travels adjacent to the San Jose Creek channel and connect families, cyclists, and pedestrians to access nearby schools, Cal Poly Pomona, and multiple city parks along the trail.

San Jose Creek Multi-Use Bikeway project is a comprehensive infrastructure and non-infrastructure project that is the direct result of the outreach, engagement, and data collection conducted as a part of the adopted Pomona Active Transportation (AT) Plan. This project will implement priority projects of the Pomona AT Plan to create a 3.5-mile off-road bike and pedestrian greenway, 15 access points (9 at grade street crossings), way-finding and safety signage, planted areas with water storage capacity, and storm water collection and drainage system, near key community destinations such as schools and parks. Once completed, the San Jose Creek Multi-Use Bikeway will finish more than 50% of the priority projects identified in Pomona's AT Plan. This means fewer network gaps, greater access and route choice throughout the city, particularly to/from the future Metro Foothill Gold Line Station, and stronger connections across two of the City's major barriers: I-10 and SR-71. The project will address five of Pomona's high priority gaps and double the available low-stress bicycle networks, getting users off roadways that have histories of bicycle and/or pedestrian collisions.

CLIENT
City of Pomona Public Works Department

BUDGET & SCHEDULE COMPLIANCE
Currently on schedule and within budget

TEAMING PARTNERS INVOLVED
Alta | Coast Surveying | Craftwater Engineering

Gage Canal Multi-Purpose Recreational Trail

RIVERSIDE, CA | 2020–ONGOING

Alta led trail design and outreach for this 2-mile-long active transportation and recreational green space over the existing Gage Canal. The trail offers local residents recreational opportunities and connections to the Box Springs Reserve, and provides a continuous off-street connection from Palmyrita Avenue to Blaine Street. It is comprised of a combination of Class I asphalt concrete (AC) and natural surface trails within an existing City-owned water utility easement.

The trail corridor will be landscaped with native and climate appropriate trees and shrubs that will provide ecologic benefits while beautifying and cooling the space, and will feature additional amenities such as entry plazas, trailside seating, bicycle racks, interpretive signage, and solar lighting. Project tasks included environmental services (CEQA), site inventory and analysis, community outreach, final design, and construction support services.

Alta provided project management, outreach, civil engineering, and landscape architectural design services. The project is currently out to bid for construction.

CLIENT

City of Riverside Parks, Recreation, & Community Services

BUDGET & SCHEDULE COMPLIANCE

Currently on schedule and within budget

TEAMING PARTNERS INVOLVED

Alta | Coast Surveying | Rincon Consultants

Glendora Urban Trails Phase 2 & 3

GLENDORA, CA | 2021-ONGOING

The Glendora Urban Trails Project runs along the San Dimas Channel. Alta is pushing forward the final design and completion of the Glendora Urban Trail and Greenway Network including securing all right-of-way acquisitions and permits and utility coordination required to construct the trail. The trail improvements includes a paved trail along the existing maintenance road, trailheads, park amenities, and drought tolerant landscaping. In addition, the new design includes three RRFB design to enhance safety at the midblock crossings.

The Glendora Urban Trail and Greenway Network Phase 2 (Sunflower Avenue to Juanita Avenue) and Phase 3 (Juanita Avenue to Grand Avenue) is a continuation of the first phase, which was completed in 2018 and extends from Louie Pompei to Sunflower Avenue in the City of Glendora. Phase 2 and 3 will complete the corridor from Sunflower Avenue to Grand Avenue with intersection crossings at Juanita Avenue, Bonnie Cove Avenue, Gladstone Street, and Glendora Avenue, approximately 1.5 miles.

The Alta team led a robust community engagement strategy with support from a local Community Business Organization, Active SGV. Some of the neighbors had serious reservations about a trail being adjacent to their backyards, but the Alta team was able to explain the advantages the multi-use trail would be for their community while listening to their concerns and making design adjustments.

CLIENT

City of Glendora

BUDGET & SCHEDULE COMPLIANCE

Currently on schedule and within budget

TEAMING PARTNERS INVOLVED

Alta | Coast Surveying | Rincon Consultants

C. Proposed Staffing

All key personnel will be available to the extent proposed for the duration of the services. No person designated as key personnel shall be removed or replaced without the prior written concurrence of The City of Pico Rivera.

Vincent Hellens, Jr., ENV SP, QSD/P

Principal-in-Charge

YEARS AT ALTA

4 years

YEARS OF EXPERIENCE

17 years

EDUCATION

BS, Civil Engineering, Alabama Agricultural and Mechanical University

REGISTRATIONS

ENV SP, Envision Sustainable Professional

QSD/P, Qualified SWPPP Developer and Practitioner

Vincent has over 17 years of experience managing and designing large and small public works infrastructure projects from planning and design through construction. His project management approach involves focusing on the needs of his clients while staying flexible and adaptable through the life of the project. He has delivered active transportation projects including pedestrian ADA improvements, Complete Streets, Class IV bikeways, trails, and roadway rehabilitations. Vincent's relationship-driven leadership style has resulted in cohesive, goal-oriented teams that create positive results across a variety of situation.

Relevant Experience

Glendora Urban Trails Phase 2 & 3, CA

The Glendora Urban Trails Project is a trail project along the San Dimas Channel. Vincent is serving as Project Manager, pushing forward the final design and completion of the Glendora Urban Trail and Greenway Network. The Glendora Urban Trail and Greenway Network Phase 2 (Sunflower Avenue to Juanita Avenue) and Phase 3 (Juanita Avenue to Grand Avenue) is a continuation of the first phase, which was completed in 2018 and extends from Louie Pompei to Sunfower Avenue in the City of Glendora. Phase 2 and 3 will complete the corridor from Sunfower Avenue to Grand Avenue with intersection crossings at Juanita Avenue, Bonnie Cove Avenue, Gladstone Street, and Glendora Avenue, approximately 1.5 miles.

Pasadena North Hill Complete Streets, CA

Alta created preliminary geometrics for two roundabout designs, ADA accessibility improvements, and new curb extensions along North Hill Avenue at Elizabeth Street and Topeka Street in Pasadena. Alta's scope of services includes civil engineering design support, preliminary signing and striping designs, lighting illumination calculations, and peer review of final designs. As Project Manager, Vincent provided design guidance and quality control of the geometric layouts, estimates, and lighting specifications.

Vincent Hellens, Jr., Continued

Glendora Boulevard Parklet Designs, Glendora, CA

As Project Manager, Vincent led the design and installation of eight parklets in the City of Glendora's Downtown Village neighborhood. He was responsible for the overall project coordination between the design team, City, and vendors, as well as quality control and cost estimation.

Merced Avenue Linear Park, El Monte, CA

Alta designed a linear park, bike path, and walking path in a new median on a wide two-lane residential street in El Monte. This project included a raised cycle track, stormwater capture in planted areas, narrowed the roadway to provide traffic calming benefits, and improved and increased pedestrian crossings to enhance safety for all roadway users. Alta integrated a variety of green infrastructure technologies and separated bike facilities into a suburban residential context, including structural tree soil vaults incorporated into bikeway paving and locally native planting in parkways, partially irrigated by captured stormwater. Vincent served as Assistant Project Manager, coordinating civil, hydrology, landscape, curb ramp, path, and amenity design, public outreach, and final PS&E.

Washington Elementary School & Glendora Village Demonstrations, Glendora, CA

Alta is providing project management, engineering support, and community outreach for two temporary street improvement demonstrations in Glendora: a SCAG Go Human demonstration at Washington Elementary School on Walk to School Day, and a multi-month installation of crosswalk improvements at two locations in the Village.

Multi-Corridor Civil Design Services, Oakland, CA

Vincent is serving as the Project Manager for final design of approximately six miles of roadway within the City of Oakland. The project is being done on a tight timeline to accommodate the City's planned pavement rehabilitation schedule. For 73rd Avenue and Bancroft Avenue, Alta produced signing and striping PS&E and is currently providing construction support services. For High Street, Alta prepared a traffic analysis, developed recommendations, including ADA compliant pedestrian refuge islands and curb ramp designs, and is currently providing full civil design for the traffic calming improvements. Vincent is overseeing the design team, providing budget/schedule control, and coordinating with Caltrans and the City.

LADOT Sherman Way Streetscape Improvements, Los Angeles, CA

As Assistant Project Manager/Project Engineer, Vincent designed streetscape improvements that built on the existing Sherman Way Conceptual Plan. The Alta team collected data, explored configurations with traffic analysis to develop a final design, created final engineering and construction documentation for project implementation, and developed cost estimates to guide phased implementation.

Arrow Highway Multimodal Corridor Plan and Demonstration Project, San Gabriel Valley, CA

Vincent was the Lead Engineer for this project, which involves the development of pedestrian and bicycle facility recommendations and long-term visions for the Arrow Highway corridor. As part of the community engagement portion of the project, the Alta team led a Go Human demonstration of a temporary parking-protected bikeway, curb extensions, and a parklet in Glendora Village.

Ashley Haire, PhD, PE, ENV SP

Contract/Project Manager

alta

Ashley Haire is a licensed Civil Engineer in California with extensive experience managing multimodal transportation projects from the perspectives of both the private and public sector. She oversees design and planning for balanced transportation networks with a focus on active transportation projects that enhance mobility and prioritize safety for all users. Ashley has prepared engineering and planning documents for local and regional clients, developed state and federal guidance regarding integrated transportation systems, and has taught advanced university courses and practitioner trainings. She is skilled in viewing transportation projects comprehensively and methodically and in communicating complex technical concepts to stakeholders in understandable ways.

YEARS AT ALTA

2 years

YEARS OF EXPERIENCE

23 years

EDUCATION

PhD, Civil Engineering (Transportation), University of Texas, Austin

MS, Civil Engineering (Transportation), University of Arizona

BS, Civil Engineering, University of Arizona

REGISTRATIONS

Professional Engineer:

CA (#C81212)
AZ (#72088)
CO (#0051401)
TX (#111025)
MA (#53856)
UT (#10288633-2202)

Envision Sustainability Professional, Institute for Sustainable Infrastructure, (#35642)

Relevant Experience

South Pasadena Slow Streets Program, CA
Ashley is Project Manager for the South Pasadena Slow Streets program in which Alta developed design drawings for four demonstration projects. The improvements include a variety of treatments geared towards active mobility, safety, and traffic calming. Elements such as bike lanes, pedestrian refuges, and curb extensions will be implemented on three local residential streets and in school zones. On Mission Street, the city's central business street, roadway reconfiguration will make parklets and other Complete Streets features feasible.

Alhambra Bicycle and Pedestrian Plan, CA
Alta is preparing a bicycle and pedestrian master plan for the City of Alhambra. Ashley is supervising the project as PIC and providing engineering oversight. Project work involves extensive in-person engagement, web-based public input tools, street-by-street recommendations and project prioritization, and development of concept designs for key locations.

Parker Street to Addison Bikeway (AHSC Connected Berkeley), CA
As Project Manager, Ashley is leading the engineering design and public engagement for this project to design bike boulevard infrastructure, traffic circles, and closure of a sidewalk gap. A key challenge has been the design of a short section of two-way Class IV bikeway to compensate for an offset intersection crossing along the route. Ashley is working closely with City staff to develop safe solutions for bikeway transitions, integration with the larger bikeway network, and comfortable bikeway connections to local parks and other amenities.

Ashley Haire, Continued

alta

Climate Change Adaptation for Pacific Coast Highway (PCH) Bicycle and Pedestrian Infrastructure, Ventura, CA
This project integrates improvements to bicycle and pedestrian infrastructure and safety with climate resilience measures along the segment of the Pacific Coast Highway (PCH) between Leo Carrillo State Park and Point Mugu. Ashley was Project Manager for Alta's role in the project, which included an assessment of pedestrian and bicyclist needs and a toolkit of solutions for addressing those needs in the constrained conditions between the rugged coastline and sea cliffs. Activities along this section of the PCH include tourism and local travel to beach spots, as well as commuter and cut-through traffic between Santa Monica and Oxnard. A primary goal of this project was to find solutions that are applicable here and that Caltrans can deploy in similarly threatened conditions across the state.

LA County Department of Public Health Pedestrian Plans, CA
As a Senior Advisor, Ashley provided engineering assessments and oversight for this project, including the identification of planning and engineering interventions to improve pedestrian safety in unincorporated areas of LA County. Ashley reviewed infrastructure recommendations and advising on safety countermeasures to create safer conditions at intersections with documented crash risk.

Union Street Two-way Protected Bike Lane, Pasadena, CA*
Ashley was Project Manager for the bikeway design and public outreach components of this 1.4-mile two-way protected bike lane project in Pasadena. She developed a comprehensive pre-design report for the corridor and oversaw the design configuration of the bikeway, including intersection transitions. Public outreach was a key part of this project and Ashley worked closely with City staff to prepare public meeting presentations and focused engagement efforts with stakeholders and neighborhood groups.

Pasadena Complete Street Blueprint, CA*
Ashley was Project Manager for the development of an innovative GIS-based web and desktop tool for City staff use in the identification and prioritization of locations for Complete Street improvements. The tool used GIS to evaluate crash data and built environment parameters to refine the need for Complete Street elements based on location and selectable criteria.

Spring and Main Streets Protected Bike Lanes, Los Angeles, CA*
As Project Manager, Ashley co-led a week-long training and design charrette for LADOT staff for the design of protected bike lanes on Spring and Main Streets in downtown Los Angeles. She oversaw the production of 30% plans by consultant staff, which were then provided to LADOT for continued design development as part of a staff augmentation project component. In addition to managing the preliminary design phase, Ashley worked closely with LADOT staff to engage with the neighborhood, council office, and FilmLA on outreach for the bikeways. As part of this outreach effort, she coordinated efforts between LADOT and the consultant team for the development of a 3-dimensional virtual reality tool for the Spring Street corridor, which won an American Planning Association Technology Award in 2018.

** Experience prior to Alta.*

Steven Frieson, PE, LCI, QSD

Quality Control Manger (Civil Engineering)

Steven has 40 years of extensive experience in managing active mobility and transportation projects throughout California. His technical expertise includes planning, design, and construction management. He augments his engineering skills with strong administrative abilities in the oversight and direction of technical professionals, client relations, quality control, subconsultant coordination, public outreach, and resource allocation to ensure the timely delivery of project deliverables. Steven excels in pedestrian and bike paths, freeway and interchanges, signing and striping, street lighting, traffic-handling plans, roadway drainage, grading, and traffic studies.

YEARS AT ALTA

6 years

YEARS OF EXPERIENCE

41 years

EDUCATION

BS, Civil Engineering, Stanford University

AREAS OF EXPERTISE

Technical project management

Transportation planning and design

Construction management

Trail design

Signing and striping

REGISTRATIONS

Professional Engineer: CA (#42110)

League of American Bicyclists - League Cycling Instructor: (#3460)

Relevant Experience

San Jose Creek Multi-Use Bikeway, Pomona, CA
Steven is the Project Manager for the design engineering of the San Jose Creek Multi-Use Bikeway, which would create a multi-use path that travels adjacent to the San Jose Creek channel and connect families, cyclists, and pedestrians to access nearby schools, Cal Poly Pomona, and multiple city parks along the trail.

Merced Avenue Greenway, South El Monte, CA
Steven served as the Bikeway Engineering Advisor for this project that addressed environmental health issues along a 1.5-mile segment of Merced Avenue. Alta led the landscape design and development of signing and striping plans, and supported community outreach efforts. Alta supported this project from concept design to 100% construction documentation. The project incorporated stormwater capture in planted areas, narrowed the roadway to provide traffic calming benefits, and improved pedestrian crossings to enhance safety for all roadway users.

- **LADOT Sherman Way Streetscape Improvements, Los Angeles, CA**
- **Glendora Boulevard Parklet Designs, Glendora, CA**
- **Mojave Riverwalk, Victorville, CA**
- **La Ballona Elementary Class IV Protected Bike Lane, Culver City, CA**
- **Merced Avenue Greenway, South El Monte, CA**
- **City of Long Beach Traffic Engineering and Transportation Planning Services, CA**
- **OCTA Active Transportation Program On-Call Services, CA**

Jeremy R. Chapman, PhD, PE, PTOE, RSP$_1$, JD

Quality Control Manger (Traffic Engineering/Safety)

Jeremy is an accomplished licensed professional traffic and transportation engineer with significant experience in consulting, teaching, research, and engineering ethics. His previous experience includes applications of real-world transportation problems to the classroom through the development of courses around term projects at the top engineering school in the country. Jeremy is a Fellow in the Institute of Transportation Engineers (ITE) and immediate past chair of the ITE Ethics Committee. He is active as a committee friend and paper reviewer for several committees of the Transportation Research Board and a member of the research advisory panel for the Behavioral Traffic Safety Cooperative Research Program.

YEARS AT ALTA

1 year

YEARS OF EXPERIENCE

22 years

EDUCATION

PhD, Civil Engineering, University of Wisconsin, Madison

JD, University of Wisconsin, Madison

MS, Civil Engineering, University of Illinois at Urbana, Champaign

BS, Civil Engineering, Marquette University

REGISTRATIONS

Professional Engineer: NC (#049771); SC (#37553); VA (#0402061805); GA (#PE045977); IN (#PE11600708); WI (#E-4653); OH (#84147)

Professional Traffic Operations Engineer (#4401)

Road Safety Professional – Level 1

Relevant Experience

Lexington Road and West Salisbury Intersection Safety Study, Asheboro, NC*
As Project Manager and Lead Safety Engineer, Jeremy worked the City of Asheboro to determine the safety issues present at the intersection of Lexington Road, West Salisbury, and Sunset Drive. This unique intersection is shaped like an inverted "Y" with minimal traffic control and confusing turning paths. Dr. Chapman performed a full evaluation, including a 13-hour turning movement count, crash analysis, and field review. Several countermeasures/improvements were suggested and were ranked by cost/complexity to implement.

Systemwide Intersection Safety Evaluation – Phase 1, Greer, SC*
Dr. Chapman and his team assisted the City of Greer, SC to perform a systemwide evaluation of problem intersections. In this effort, crash data was collected for 40 intersections across the city to determine a rank order for prioritization of further study and individual improvements.

- **Systemwide Intersection Safety Evaluation – Phase 2, Greer, SC**
- **Traffic Calming and Alternate Truck Routing Plan, Blackstone, VA***
- **Garfield Avenue Complete Street Improvements Project, South Gate CA**
- **Alameda De Las Pulgas at Hillsdale Blvd Signal Design, San Mateo, CA**
- **NCDOT Division 5 Traffic Safety Investigations***

** Experience prior to Alta.*

James Powell, PLA, ASLA

Quality Control Manger (Landscape Architecture)

James brings a wide range of solutions to his work, drawing upon experience managing and leading design processes in a variety of settings. He takes a multidisciplinary and multi-benefit approach to design, where safety, comfort, user experience, and environmental benefits are prioritized. He has completed successful projects that span trail planning across regional and local scales, complete streets, grant writing, feasibility, construction documents, and construction support. He has hands-on experience managing diverse project teams and a deep familiarity with current project management, design, and analysis tools.

YEARS AT ALTA

11 years

YEARS OF EXPERIENCE

23 years

EDUCATION

MLA, California State Polytechnic University, Pomona

BA, Humanities, New College of Florida

AREAS OF EXPERTISE

Streetscape design

Green infrastructure

Trail planning, feasibility, and design

Complete Streets

Landscape design

Urban corridors and downtowns

REGISTRATIONS

Professional Landscape Architect:
CA (#6416)

Relevant Experience

Rosemead Boulevard Corridor Enhancement Plan, South El Monte, CA
James served as Project Manager on this planning study in anticipation of Caltrans' relinquishment of Rosemead Boulevard, one of South El Monte's main north-south roadways, and in advance of a future Bus Rapid Transit corridor. The planning study identified opportunities to allow the corridor to better support residents and businesses, while setting the stage for future economic development, enhancing safety, and creating a lively and connected street for neighbors and visitors to stop, walk, bike, and shop.

Merced Avenue Linear Park and Traffic Calming Improvements, El Monte, CA
Alta is designing a linear park, bike path, and walking path in a new median on a wide two-lane residential street to help calm traffic, prevent speeding (common on the street), capture and clean stormwater, and allow residents to recreate and relax. The project includes a promotional video and fly through animation, public outreach in-person, virtually, via mailers, and text banking. James is serving as Project Manager and Landscape Architect for the project, coordinating civil, hydrology, landscape, and amenity design, public outreach, and final PS&E.

- **Parkway Denholm Traffic Calming Improvements, El Monte, CA**
- **Merced Avenue Greenway, South El Monte, CA**
- **LADOT Sherman Way Streetscape Improvements, Los Angeles, CA**
- **Garfield Avenue Complete Streets, South Gate, CA**
- **San Gabriel Valley Regional Active Transportation Plan and Greenway Network Study, CA**

Ryan Johnson, LCI

Planning Associate

Ryan excels at inter-agency collaboration, bringing key players together for decision making and coordination. He project manages master planning, transit access studies, Safe Routes to School program coordination, community engagement, and tactical urbanism demonstration projects. He leads numerous planning efforts across Orange County and Los Angeles County that have resulted in regional active transportation plans and linkages across city boundaries. Ryan's work wins the respect of his peers and clients and led to his recognition by the Association of Pedestrian and Bicycle Professionals as the 2016 *Professional of the Year.*

YEARS AT ALTA

12 years

YEARS OF EXPERIENCE

13 years

EDUCATION

MURP, University of California, Los Angeles

BA, Sociology & Political Science, University of Mississippi

AREAS OF EXPERTISE

Transit access/First and Last Mile planning

Safe Routes to School

Tactical urbanism

Community engagement/workshop facilitation

Education and encouragement campaigns

REGISTRATIONS

League of American Bicyclists, League Cycling Instructor (#3994)

Relevant Experience

Walk, Bike, Move Alhambra! Active Transportation Plan, Alhambra, CA
With Ryan as Project Manager, Alta is leading an active transportation plan in Alhambra to make the city a regional leader with regards to sustainable and equitable mobility. The planning team has analyzed roadway collisions, traffic stress levels, potential active transportation demand, and existing infrastructure conditions to inform a set of implementable and grant-eligible recommendations.

Multimodal Regional Corridor Plan for Arrow Highway, San Gabriel Valley, CA
As Project Manager, Ryan led the development of pedestrian and bicycle facility recommendations and long-term visions for the Arrow Highway corridor (including Arrow Highway itself and multiple parallel routes). With the community engagement portion of the project, the Alta team led a Go Human demonstration of a temporary parking-protected bikeway, curb extensions, and a parklet in Glendora Village.

- **San Gabriel Valley Regional Bicycle Master Plan, CA**
- **San Gabriel Safe Routes to School Plan, CA**
- **I-710N Mobility Hubs Plan, Los Angeles, CA**
- **Artesia Boulevard Go Human Demonstration, Long Beach, CA**
- **Glendora Boulevard Parklet Designs, Glendora, CA**
- **Pico Rivera Safe Routes to School Master Plan, CA**

Les Brown, AICP

Senior Associate Planner

Les Brown, AICP is a certified planner with over 15 years in the multimodal transportation and community development fields. His work focuses on developing safe, complete, and comfortable walking and bicycling networks that are grounded in community input and informed by rigorous analysis. He has successfully managed large-scale projects and teams for clients at multiple level of government and provided strategic, technical, and task management support for projects of national significance. He has also developed impactful planning studies and active transportation safety resources for state and regional clients and supported adoption of transformative bikeshare and Vision Zero policies.

YEARS AT ALTA

1 year

YEARS OF EXPERIENCE

15 years

EDUCATION

MURP, University of Florida

BA, University of California, Santa Barbara

Graduate Geographic Information Systems Certificate for Urban and Regional Planners, University of Florida

REGISTRATIONS

American Institute of Certified Planners (AICP), #33004

Association of Pedestrian and Bicycle Professionals

Relevant Experience

Palm Desert Vision Zero Strategy, CA
As Project Manager, Les is leading the development and delivery of a comprehensive Vision Zero Strategy for the City of Palm Desert. The Strategy will include a Safe Routes to School Plan, Safe Routes for Seniors Plan, Vision Zero marketing campaign, capital project recommendations, and a dashboard and monitoring tool to track progress. The project will position Palm Desert to win substantial Safe Streets for All (SS4A) Implementation Grant funding while promoting a shift in safety culture and an embrace of active travel.

Urban Greening Grant, Yucca Valley, CA
Les served as Technical Lead, leading the development of a California Natural Resources Agency (CNRA) Urban Greening Grant application to fund the much needed renovation of a park facility in the severely disadvantaged and extremely heat vulnerable Old Town neighborhood of Yucca Valley. Alta effectively highlighted the ability of proposed improvements to provide net GHG benefits, urban heat island reductions, and various public health benefits such as reduced risk of cardiovascular disease and exposure to deleterious levels of ozone in alignment with grant program objectives.

- **Regional Transportation Demand Management (TDM) Strategic Action Plan, Southwestern Pennsylvania Commission***
- **New York State DOT, Active Transportation and Demand Management (ATDM) Program, NY***
- **Safe Routes to School Technical Assistance, Florida DOT (FDOT)***
- **Handbook and Case Studies for Community Connections Innovations, FHWA***

** Experience prior to Alta.*

Markos Legesse, PE

Senior Associate Engineer

Markos is a civil engineer whose diversified engineering experience includes curb ramp design, sewer design, cost estimating, alternatives development, utility coordination, and program management. Through his tenure with the City of Los Angeles, Markos brings a strong understanding of public agency needs and procedures, which he leverages to bring success to his projects. His project management approach emphasizes the importance of interfacing with clients, constituents, and stakeholders on technical components and processes.

YEARS AT ALTA

5 years

YEARS OF EXPERIENCE

11 years

EDUCATION

MS, Structural Engineering, University of Southern California

BS, Civil Engineering, Loyola Marymount University

AREAS OF EXPERTISE

Transportation planning and engineering

Curb ramp design

Cost estimating

Utility coordination

REGISTRATIONS

Professional Civil Engineer:
CA (#88152)

Relevant Experience

San Jose Creek Multi-Use Bikeway, Pomona, CA
Markos is the Assistant Project Manager for the design engineering of the San Jose Creek Multi-Use Bikeway, which would create a multi-use path that travels adjacent to the San Jose Creek channel and connect families, cyclists, and pedestrians to access nearby schools, Cal Poly Pomona, and multiple city parks along the trail.

Traffic Calming Plan with Class IV Bike Lanes: Parkway Dr & Denholm St, El Monte, CA
This project will design a Class IV bikeway on Parkway Drive and Denholm Street in El Monte. Additional traffic calming measures will be recommended as feasible, and existing speed bumps will be removed. Markos is serving as a Project Engineer and leading the technical design effort for the project team.

LADOT Sherman Way Streetscape Improvements, Los Angeles, CA
As Project Engineer, Markos designed streetscape improvements that built on the existing Sherman Way Conceptual Plan. The Alta team collected data, explored configurations with traffic analysis to develop a final design, created final engineering and construction documentation for project implementation, and developed cost estimates to guide phased implementation.

TOS 8 Curb Ramp Designs, Los Angeles, CA
As Project Engineer, Markos aids the design and construction of 182 ADA ramps across the City of Los Angeles. This work has included site visits, PS&E preparation, and utility and stakeholder coordination. The infrastructure improvements promote efficient modes of travel with a focus on safety, inclusion, and sustainability around Los Angeles.

Scott Shepard, PE

Senior Associate Engineer

YEARS AT ALTA

2 years

YEARS OF EXPERIENCE

13 years

EDUCATION

BS, Civil Engineering, California Polytechnic State University, San Luis Obispo

AREAS OF EXPERTISE

Large Infrastructure Project Management

Intersection Design and Re-alignment

Signal timing, signal design, traffic control

Construction Administration and Inspection

REGISTRATIONS

Professional Engineer, California (#84241) Washington (#55390)

APWA Member

California Office of Emergency Services Disaster Services Worker Volunteer

OSHA 30 Hour Certified

Scott offers 12 years of experience across multiple engineering design disciplines including preliminary engineering, environmental, final design, construction, and inspection for active mobility, safety improvements, and large infrastructure projects. He is results-driven and understands the importance of coordination and timely, clear communication across multiple stakeholders. Scott brings working knowledge in project diversity ranging from ITS/communication design, roadway design, traffic operations, and structural engineering. He supports and manages project teams and subconsultants, ensuring scope, fee, and schedule adherence. Scott's proficiencies include project controls, invoicing, work planning, profitability analysis, budget oversight, and long-term project performance.

Relevant Experience

LA BOE TOS 8 Curb Ramp Designs, Los Angeles, CA
Scott is supporting the design and construction of 182 ADA ramps across the City of Los Angeles. This work has included site visits, PS&E preparation, and utility and stakeholder coordination. The infrastructure improvements promote efficient modes of travel with a focus on safety, inclusion, and sustainability around Los Angeles.

Merced Avenue Linear Park, El Monte, CA
Alta is designing a linear park for the City of El Monte by creating a park, bike path, and walking path in a new median on a wide two-lane residential street. The design will help calm traffic and prevent speeding and burnouts common on the street, and will provide opportunities to capture and clean stormwater, allow residents to recreate and relax with benches, picnic areas, fitness equipment, and play areas, and add much-needed park space to a community that has little. The project includes a promotional video and fly-through animation, public outreach in-person, virtually, and via mailers and text banking. Scott is providing Quality Control of the engineering plans.

- **SNAIL Neighborhood Active Transportation Improvements, Sunnyvale, CA**
- **San Bruno Safe Routes to School Plan, CA**
- **Garces Memorial Circle Enhancement, Bakersfield, CA**
- **Downey and South Pedestrian Refuge Islands, Long Beach, CA**
- **ACTC FITS Construction Support, Alameda County, CA**

Kathleen McKernin, PLA

Associate Landscape Architect

YEARS AT ALTA

1 year

YEARS OF EXPERIENCE

12 years

EDUCATION

BFA, University of Illinois

Certificate of Completion in Landscape Architecture, iGraphics and Industrial Design, UCLA Extension

REGISTRATIONS

Professional Landscape Architect: CA (#5630)

Kathleen is a licensed Landscape Architect with over a decade of experience working with public entities to create shared spaces in Los Angeles. She focuses on using design as a collaborative problem solving tool and approaches every project with environmental stewardship and low-impact development strategies at the forefront. Kathleen has in-depth experience with stormwater capture projects, both large-scale and small, from subsurface retention basins that are used for irrigation to parkway bioretention swales in public spaces and private residential areas.

Relevant Experience

Merced Avenue Traffic Calming, El Monte, CA
Alta is designing a linear park, bike path, and walking path in a new median on a wide two-lane residential street to help calm traffic, prevent speeding (common on the street), capture and clean stormwater, and allow residents to recreate and relax. Kathleen is serving as a Design Associate, managing the construction documentation phase and submittal requirements of the project.

Glendora Urban Trails Phase 2 & 3, CA
The Glendora Urban Trails Project is a trail project along the San Dimas Channel involving various agencies (including LA County, the Army Corps of Engineers, and the City of Glendora). Kathleen served as Design Associate managing the construction document phase and submittal requirements for the project.

Pedestrian Mobility Improvements, Pacoima, CA
Kathleen is serving as Landscape Architect and Project Manager, overseeing the design of safer improved pedestrian and bike routes through Paxton Park in Pacoima, CA. This project employs stormwater capture, mitigation against heat island effect and allows safe routes of travel for pedestrians in the area.

Robertson Sidewalk Improvements, Beverly Hills, CA*
As Landscape Architect, Kathleen worked with engineers on streetscape designs to incorporate drought tolerant trees and low water irrigation following Model Water Efficient Landscape Ordinance (MWELO) guidelines.

John Anson Ford Infiltration Cistern Project, Bell Gardens, CA*
As Landscape Architect, Kathleen worked with engineers on the design of a retention/detention cistern. Low impact development (LID) strategies were used in the new parking lot to capture surface water, in addition to using a drought tolerant plant palette and drip irrigation.

** Experience prior to Alta.*

Tim Bevins

Senior Associate Designer

Tim focuses on creating communities that are more vibrant, just, and ecologically sound. His diverse experience, which includes trail work with the National Park Service and sustainable neighborhood design, informs his leadership on active transportation, environmental planning, and urban design projects at a variety of scales and geographies. Tim's project work includes active transportation plans and analysis, trails master planning, tactical urbanism demonstrations, urban design visioning, design guidelines, placemaking, and public outreach programs.

YEARS AT ALTA

5 years

YEARS OF EXPERIENCE

15 years

EDUCATION

MA, Urban Design, University of Michigan,

MA, Urban and Environmental Planning, University of Virginia

BA, Anthropology, University of California, Los Angeles

AREAS OF EXPERTISE

Active transportation planning

Tactical urbanism

Design guidelines

Community engagement

Trail planning

Relevant Experience

Merced Avenue Greenway, El Monte, CA
Alta provided landscape architecture, signing and striping, and community outreach services for the development of the Merced Avenue Greenway. Tim supported project management and oversaw community engagement efforts in support of the protected bikeway, stormwater capture in planted areas, a road diet to provide traffic calming benefits, and improved pedestrian crossings to enhance safety for all roadway users.

Ballona Creek Bike Path Sustainability, Safety, and Accessibility Improvements, Culver City, CA
This project includes wayfinding, striping, and access design for the Ballona Creek Bike Path between the Duquesne Ave entrance and Syd Kronenthal Park. Tim is serving as project manger, providing design direction, concept development, and collaboration with city staff and community stakeholders.

Norco Pedestrian and Bicycle Master Plan, CA
Tim is leading the development of a Pedestrian and Bicycle Master Plan for the City of Norco, which will expand and improve walking and biking options and safety while maintaining a pragmatic mindset cognizant of local constraints and priorities such as vehicular needs, budget considerations, and mutually beneficial recommendations complementary to the City's rich equestrian culture.

- **SCAG Multimodal Regional Corridor Plan for Arrow Highway, San Gabriel Valley, CA**
- **South El Monte Merced Avenue Greenway, CA**
- **Riverside Active Transportation Plan, Pedestrian Target Hardening Plan, and Complete Streets Ordinance, CA**

Staff Resumes

Kaitlin Scott

Associate Planner

Kaitlin has eight years of multimodal transportation planning and design experience. She specializes in pedestrian planning, Safe Routes to School (SRTS) planning, and developing innovative public engagement strategies. Kaitlin works across southern California, where she was born and raised, to develop community-supported projects through inclusive planning processes. Kaitlin has managed multiple pedestrian-focused and outreach-intensive projects, including the 2019 adopted Los Angeles County Unincorporated Pedestrian Plans, Pasadena Pedestrian Safety Campaign, and LADOT Vision Zero Design and Community Outreach Support project.

YEARS AT ALTA

8 years

YEARS OF EXPERIENCE

9 years

EDUCATION

MURP, University of California, Los Angeles

BA, Environmental Studies, University of California, Santa Cruz

AREAS OF EXPERTISE

Pedestrian planning

Safe Routes to School planning

Safety campaign and program implementation

Interactive public engagement and pop-up events

Relevant Experience

SGVCOG San Gabriel Valley Regional Active Transportation Plan and Greenway Network Study, CA
The primary objective of this project was to develop Active Transportation Plans for five partner cities, prioritizing programs and infrastructure improvements that would increase the number of people walking, bicycling, and using other human-powered modes. Alta complemented the planning process with a series of bicycle safety trainings and nighttime bicycle light distributions. As a Project Planner, Kaitlin helped to develop the project vision and recommended infrastructure projects and programs for the plan.

LADOT Vision Zero Design and Community Outreach Support, CA
Kaitlin served as Project Manager for the 2018 project that involved the development of compelling concept designs and outreach materials for ten LADOT Vision Zero Priority corridors. Kaitlin oversaw development of community engagement materials, including presentation boards with photo simulations and conceptual renderings. Prior to this effort, she served as Assistant Project Manager for 10 other corridors in the City.

- **Los Angeles County Department of Public Health (LACDPH) Unincorporated Pedestrian Plans Rounds 1 & 2, Los Angeles County, CA**
- **SCAG Disadvantaged Communities Planning Initiative, Southern California**
- **OCTA Pedestrian and Bicycle Safety Program**
- **Beverly Hills Complete Streets Project, CA**
- **Culver City Bicycle and Pedestrian Action Plan, CA**
- **Orange County Public Works (OCPW), Active Transportation Plan, CA**

Devan Gelle, LCI

Planner

Devan is a Planner whose work is informed by academic emphasis in international and urban history. Her experience includes research, community outreach, pedestrian and bicycle planning, writing, data analysis, and project management. Devan's interest in the planning profession stems from the ways in which planning can help communities provide equitable and sustainable mobility options for residents and create active and healthy environments for everyone. Her exceptional organizational and communication skills keep projects on schedule and she excels at distilling complex information into digestible formats.

YEARS AT ALTA

5 years

YEARS OF EXPERIENCE

5 years

EDUCATION

MA, History, University of New Orleans

BA, History, Baldwin Wallace University

AREAS OF EXPERTISE

Project coordination

Report/memo writing

Community engagement

Bicycle and pedestrian planning

REGISTRATIONS

League Cycling Instructor, League of American Bicyclists

Relevant Experience

SCAG San Gabriel Safe Routes to School Plan, CA
Devan was a Planner focused on mapping and writing for the development of a Safe Routes to School Plan for 12 public and private schools. Devan helped to draft and refine the final SRTS recommendations and mapped the recommendations for each school. In addition, our team installed demonstration safety improvements and identified community-requested amenities to mitigate the impacts of climate change in this usually hot region of Los Angeles County.

SCAG LADOT Vision Zero Education Campaign Community-Based Outreach, Los Angeles, CA
As part of the City of Los Angeles Vision Zero Education Campaign, Alta provided support for Adams Boulevard in Council District 10 and Lincoln Boulevard in Council District 11. Alta empowered and trained local voices and supported local leaders to implement community driven-education events to raise awareness of traffic safety and motivate behavior change. Devan acted as both a Project Coordinator and Planner for this campaign. Devan arranged monthly invoicing packet requirements for the project, and assisted with regular budget and scheduling updates. As a Planner, Devan helped to organize outreach events and create collateral materials.

- **LACDPH Pedestrian Plans Round 2, CA**
- **SCAG Disadvantaged Communities Planning Initiative, CA**
- **SCAG Redlands Sustainable Mobility Plan, CA**
- **I-710N Mobility Hubs Plan, Los Angeles, CA**
- **Citywide Bicyclist, Pedestrian, Motorist Safety Program, Irvine, CA**

Kristin Haukom, MPH

Senior Associate Planner

Kristin has more than a decade of experience in Safe Routes to School and active transportation planning, policy, program design, and implementation. She has experience working with diverse stakeholders at local, regional, state, and national levels. Prior to joining Alta, Kristin worked as the Southern California Safe Routes to School Regional Coordinator at the California Department of Public Health and then as the Southern California Active Transportation Regional Coordinator. With her public health background, Kristin brings a unique perspective to her outreach work. She prioritizes outreach activities that meaningfully engage with a breadth of community stakeholders, including those who are typically difficult to reach, so that outreach reflects community needs, opportunities, and benefits such as improved health, wellness, and mobility.

YEARS AT ALTA

7 years

YEARS OF EXPERIENCE

22 years

EDUCATION

MPH, Health Promotion, San Diego State University

BS, Microbiology, California Polytechnic State University San Luis Obispo

AREAS OF EXPERTISE

Safe Routes to School planning

School crossing guard assessment

Active transportation planning

Community outreach

Relevant Experience

Pomona San Jose Multi-Use Bikeway, CA
Kristin is the Outreach and Engagement Lead for the San Jose Bikeway project. The project will develop plans, specifications, and estimates for the San Jose Creek Multi-Use Bikeway, which once complete, will create a motor vehicle-free thoroughfare for pedestrians and cyclists alike, providing connectivity to local schools, parks, the Los Angeles County Fairplex, and Cal Poly Pomona. Kristin and the project team use outreach strategies that engage the community in the process and solicit input and feedback about their needs, priorities, and opportunities, while also ensuring that equity remains a priority in this work.

Rialto Pacific Electric Trail Expansion Feasibility Study, CA
Kristin was the Outreach and Engagement Lead for the Rialto Pacific Electric Trail Expansion Feasibility Study, which was a multi-year project to assess different alternatives for extending the Pacific Electric Inland Empire Trail, a regionally significant multi-use path, through the heart of Rialto, California. In this role, Kristin employed strategies and resources that meaningfully engaged with residents, developers, business owners and managers, freight and rail representatives, and other stakeholders, including those who are typically difficult to reach.

- **Lemon Grove School District Planning + Design Services Phase 1, CA**
- **Orange County Transportation Association SRTS STEP Campaign, CA**
- **Citrus Heights SRTS Corridors: Carriage Drive and Lauppe Lane, CA**
- **San Mateo County SRTS Strategy, CA**
- **SBCTA Safe Routes to School Program, Phase 3 and 4, CA**

Doug Arseneault

Associate Planner

alta

Doug has worked for more than a decade toward systemic shifts that move communities closer to equity. He is a proud graduate of the UCLA Master of Urban and Regional Planning program in Transportation Policy and Planning. He conducted a national study of public-private-nonprofit partnerships to enhance equitable access to bike- and scooter-share networks, as well as developed a comprehensive guide to mobility hub development. His vision is to encourage U.S. and international cities to be more connected physically and socially, through community-led planning that balances innovation and community preservation.

YEARS AT ALTA

1 year

YEARS OF EXPERIENCE

12 years

EDUCATION

MURP, Transportation Policy and Planning, UCLA

BA, Political Science, Chapman University

AA, Social Science, Howard Community College

AREAS OF EXPERTISE

Shared Micromobility

Transit

Community Engagement

Public Policy

Relevant Experience

SCAG GoSGV Engagement & Evaluation, Southern California
As Assistant Program Manager, Doug oversees all substantive aspects of evaluation and engagement in the country's largest e-bikeshare system / lending library. Doug works closely with Alta's Civic Analytics team to assess greenhouse gas (GHG) / VMT reduction associated with users of the system, and collaborates with a subcontractor to engage prospective users, corporate and institutional partners, and elected leaders. Doug is responsible for quality assurance/quality control (QA/QC) on all deliverables and is in regular communication with both the San Gabriel Valley Council of Governments and SCAG.

Caltrans Bay Area Transit Plan, Oakland, CA
As Assistant Project Manager, Doug is facilitating development of a plan to guide Caltrans District 4 on prioritizing programmatic and capital improvements on the state transportation network in the Bay Area to improve transit service as well as enhance access to and integration between transit modes. Doug is leading Alta's team in creating both technical reports and public materials that inform Caltrans, transit agency staff, the public, and other partners of regional transit needs and justification for the prioritized projects.

- **Glendora Slow Streets Ordinance, CA**
- **Hanford Active Transportation Plan, CA**
- **SMCTA US101-SR92 Mobility Hub and Smart Corridor Concept Plan, CA**
- **MTC E-Micromobility on Trails Technical Assistance, San Francisco, CA**
- **MTC Quick Build Technical Assistance CA**

Eric Purcell

Planner

alta

Eric is a multi-faceted Urban Planner with keen interests in active transportation, sustainability, and mapping. His expertise lies in urban research and analysis, community engagement, and GIS, and he commands professional working proficiency of the Spanish language. Eric is passionate about social justice and equity, and works to be an active community member no matter his home address. Eric believes strong urban policy is a key component of livable cities and reorienting communities away from auto dependence. His experience living abroad in a small yet thriving community demonstrated that nearly any city can support a high quality of life through good urban and transportation policy.

YEARS AT ALTA

2 years

YEARS OF EXPERIENCE

8 years

EDUCATION

MUP, City/Urban, Community, and Regional Planning

MHC, Heritage Conservation

BA, Political Science

AREAS OF EXPERTISE

Education/Curriculum Development

Encouragement/ Outreach

Environmental Review

Land Use Planning

Safe Routes to School

Transit

Zoning and Policies

Relevant Experience

Pomona San Jose Multi-Use Bikeway, CA
Alta is leading a team to develop plans, specifications, and estimates for the San Jose Creek Multi-Use Bikeway, which once complete, will create an off-street trail for pedestrians and cyclists alike, providing connectivity to local schools, parks, and Cal Poly Pomona. The project includes grade-separated freeway undercrossings, community outreach, and several at-grade crossings. As an Outreach Specialist, Eric assisted with community engagement efforts by disseminating project information at events including 626 Golden Streets - Heart of the Foothills and the CalPoly Town and Gown Bike Ride.

Anaheim OC River Walk Public Outreach, Anaheim, CA
As an Outreach Specialist, Eric provides background information, answers inquiries, and records community input at local events for the Anaheim OC River Walk project. This is being done as part of an effort to increase public awareness of the project on behalf of the City of Anaheim. The OC River Walk will eventually transform a two-mile portion of the Santa Ana River into an open space and increase public recreation opportunities and physical access to the river.

- **LACDPH Pedestrian Plans Round 2, CA**
- **Orange County SRTS STEPS Campaign, CA**
- **Ventura County Active Transportation Plan, CA**
- **Westminster SRTS Plan, Westminster, CA**
- **Norco Pedestrian and Bicycle Master Plan, Norco, CA**

Kelly Lei, LCI

Planner

Kelly is a Planner who is passionate about creating safe and comfortable routes that connect pedestrians, cyclists, and transit users to their destinations. Her recent work includes developing programs that require her to work closely with project teams to organize outings and activities for seniors, create educational curriculum for active transportation safety tips, and communicate with local residents to share information and gather feedback for program evaluation. Kelly also works on various spatial analysis tasks that require data gathering, Level of Traffic Stress analysis, and project prioritization analysis. Kelly is inspired by seeing programs encourage people to utilize active transportation options to get around in their day-to-day life.

YEARS AT ALTA

2 years

YEARS OF EXPERIENCE

9 years

EDUCATION

MS, Geographic Information Science, California State University Northridge

MURP, University of California Irvine

BS, Urban Planning National Cheng Kung University, Taiwan

REGISTRATIONS

League Cycling Instructor, League of American Bicyclist

Relevant Experience

Ventura Active Transportation Plan, CA
Countywide Active Transportation Plan for the County of Ventura will include project and policy recommendations to improve active transportation conditions. It will feature the prioritization of bicycle and pedestrian projects including, Safe Routes to School, first/last mile and complete streets recommendations. Kelly is responsible for making responding changes to bikeway/pedestrian/SRTS recommendations from the county, analyzing public outreach data from surveys and public input maps, and writing final reports.

Anaheim OC River Walk Public Outreach, CA
Alta is assisting the City of Anaheim with their efforts to raise public awareness of their work on the OC River Walk. Once complete, OC River Walk will reestablish the Anaheim Santa Ana River corridor as a place of interconnectivity between people, the river, local businesses, and nearby iconic destinations. The integration between public and flood control facilities will be mutually beneficial, maximizing what the river corridor has to offer to the community. Kelly is the Outreach Coordinator and GIS lead for the project responsible for generating GIS layers for web maps.

- **Santa Monica Safe Routes for Seniors, CA**
- **Orange County Active Transportation Plan, CA**
- **San Pedro Waterfront Connectivity Plan, CA**
- **Orange County Transportation Association SRTS STEP Campaign, CA**
- **San Bernardino ATP & SRTS, CA**

Colin Amos

Planner

Colin is a Landscape Designer and Urban Planner based in Los Angeles. He previously worked as a project manager and designer for the Better Block Foundation, an urban design nonprofit in Dallas, TX. Colin is always looking for ways to improve the built environment to create human scaled urban places and improve public life.

YEARS AT ALTA

2 years

YEARS OF EXPERIENCE

6 years

EDUCATION

MLA, University of Southern California

BA, Environmental Studies, University of North Carolina at Chapel Hill

Relevant Experience

Alhambra Bicycle and Pedestrian Plan, CA
Colin is working on the Bicycle and Pedestrian Master Plan for the City of Alhambra. This includes public outreach, needs and existing condition analysis, the design of bike facilities on both a citywide network scale and a block scale, and prioritization of suggest facilities.

SCAG San Gabriel Safe Routes to School Plan, CA
Alta developed a Safe Routes to School Plan for 12 public and private schools. Our team reached several hundred students, families, and other stakeholders during the two year-long planning process. In addition, our team installed demonstration safety improvements and identified community-requested amenities to mitigate the impacts of climate change in this usually hot region of Los Angeles County. Colin was a Planner on this project focused on the Go Human demonstration installation and recommendations.

LACDPH Pedestrian Plans Round 2, CA
Alta worked to develop pedestrian plans for four disadvantaged unincorporated communities to create safer, healthier, and more accessible pedestrian environment. Colin assisted with GIS analysis of existing conditions.

- **Beverly Hills Clifton-Le Doux Bike Boulevard Feasibility Study, CA**
- **Norco Pedestrian and Bicycle Master Plan, CA**
- **Orange County Public Works (OCPW) Active Transportation Plan, CA**
- **Clifton-Le Doux Bike Boulevard Feasibility Study, Beverly Hills, CA**
- **Alhambra Bicycle and Pedestrian Plan, CA**
- **LADOT Play Streets, Los Angeles, CA**
- **Ventura County Active Transportation Plan, CA**
- **San Mateo County Office of Education (SMCOE) SRTS Health and Wellness, CA**

Marguerite Schumm

Art Director

alta

Marguerite is a Graphic Designer with a knack for effectively organizing visual information into digestible and pleasing formats. She has delivered creative solutions for clients for a range of projects, including branding and wayfinding, encouragement and outreach programs, and a range of bicycle, pedestrian, trail, and active transportation efforts. For these projects, she creates brochures and promotional materials, public outreach collateral, final plans, and other materials that help disseminate information in graphic-rich and appealing formats.

YEARS AT ALTA

6 years

YEARS OF EXPERIENCE

14 years

EDUCATION

Post-Baccalaureate Studio Certificate, Communication Design, Pacific Northwest College of Art

BID, Industrial and Interaction Design, Syracuse University

AREAS OF EXPERTISE

Branding

Typography

Visual Communication

Brand strategy

Wayfinding design

Public outreach collateral design

Design for accessibility

Relevant Experience

- **Hollister Complete Streets Plan, CA**

Marguerite provided graphic design support on the development of this Complete Streets Plan. The plan considers Hollister's existing community character, physical form, land use, and transportation infrastructure, along with climate resiliency, Safe Routes to School, housing variety, and economic conditions near and along four corridors in the city.

- **Gage Canal Multi-Purpose Recreational Trail Design, Riverside, CA**

Alta is designing a two-mile active transportation and recreational green space trail over the existing Gage Canal that will create a Class I asphalt concrete paved trail and a natural surface trail. Marguerite created a series of seven interpretive panels highlighting the history, agriculture, geology, and flora/fauna along the Gage Canal in Riverside, California. In the sign designs, she incorporated a local trail map, narrative text, and a variety of illustrative photographs.

- **LACDPH Pedestrian Plans Rounds 1 & 2, Los Angeles County, CA**
- **San Carlos Bicycle and Pedestrian Master Plan, CA**
- **El Monte Merced Avenue Linear Park and Traffic Calming, CA**
- **Beverly Hills-Hermosa Beach Bicycle and Pedestrian Safety and Encouragement Program, CA**
- **Orange County Unincorporated Active Transportation Plan, CA**
- **SCAG San Bernardino County Safe Routes to School (SRTS) Program, San Bernardino, CA**
- **Transportation Master Plan and Transportation Impact Fee, Menlo Park, CA**
- **LA Metro River Bike Path Gap Closure Technical Services, CA**

Nancy Chen

Graphic Design Studio Lead

alta

Nancy is a graduate from California State University Long Beach with a background in consumer product goods where she designed branding, packaging, websites, print materials, and large format signage. She also brings experience in photography, video editing, and motion graphics. Coming up with new ways to zig while others zag is her favorite challenge when it comes to graphic design.

YEARS AT ALTA

2 years

YEARS OF EXPERIENCE

12 years

EDUCATION

BA, Design, California State University, Long Beach

AREAS OF EXPERTISE

Print & web packaging

Photography

Video editing

Trade-show design

Relevant Experience

Banning Downtown Revitalization and Complete Streets Plan, CA

Alta is working with the City of Banning on the development of a Downtown Revitalization and Complete Streets Plan that expands and improves circulation, options, and safety for all travel modes, incorporates streetscape and public realm enhancements, and establishes a framework for attracting new investment and redevelopment. Nancy as Senior Graphic Designer developed color palette options to represent the city of Banning's effort to revitalize downtown Banning

Ventura County Active Transportation Plan, CA

Alta is leading the development of a Countywide Active Transportation for the County of Ventura. The ATP will include project and policy recommendations to improve active transportation conditions in the County. The Plan will feature the prioritization of bicycle and pedestrian projects including, Safe Routes to School, first/last mile and complete streets recommendations. Nancy as Senior Graphic Designer, is assisting with laying out content for First/Last Mile recommendations for the Ventura County ATP.

- **LADOT Affordable Housing & Sustainable Communities (AHSC) Grant Application Support, CA**
- **Costa Mesa Bicycle Wayfinding Sign Program, CA**
- **Eastern Sierra Council of Governments (ESCOG) Towns to Trails, CA**
- **Eastern Sierra Towns to Trails Plan, CA**
- **Santa Clara Bikeway Studies Color Palette and Production Materials, CA**
- **Alameda County Transportation Commission SRTS, CA**
- **Costa Mesa Bicycle Wayfinding Sign Program, CA**
- **Menlo Park Pedestrian and Bicyclist Safety Handbook, CA**

Daniela Vazquez, PE

Engineer

YEARS AT ALTA

1 year

YEARS OF EXPERIENCE

3 years

EDUCATION

BS, Civil Engineering, California Polytechnic State University, SLO

AREAS OF EXPERTISE

Bi-Lingual Outreach

Multimodal Engineering

Complete Streets

REGISTRATIONS

Professional Civil Engineer:
CA (#95034)

Daniela is a Transportation Engineer with experience working on various design projects including curb extension and curb ramp design, cost estimating, and the design of bicycle and pedestrian facilities. Prior to returning to Alta, Daniela worked at another consulting firm for two years on various Caltrans Task Orders. She designed over 100 curb ramps, produced estimates, and worked on draft and final project reports. She also worked for the San Luis Obispo Air Pollution Control District, translating documents and performing bilingual outreach in the community. Daniela grew up in Orange County and speaks and writes Spanish fluently.

Relevant Experience

TPL Transformational Climate Communities Pedestrian Mobility Improvements, Pacoima, CA
Alta is leading a project that will create a more pedestrian friendly environment along two major pedestrian access streets in Pacoima, Herrick and Haddon Avenues. The project includes removing and replacing unusable sidewalks, adding wayfinding signage, ADA ramps, crosswalks, bicycle parking, and bus shelters. Daniela is the Lead Engineer responsible for delegating engineering-related tasks, working on the cost estimate and specifications.

La Ballona Elementary Class IV Protected Bike Lane & Safe Routes to School, Culver City, CA
Alta led conceptual design, outreach, and preparation of construction documents for Culver City's first separated bikeway on Elenda Street, as well as neighborhood improvements to create safe routes to La Ballona Elementary School. As Project Engineer, Daniela assisted with the streetscape and pedestrian lighting, striping, and bicycle signal design. She also contributed to the design of neighborhood greenway improvements, including curb extensions with green infrastructure and raised crosswalks.

- **Glendora Avenue from Ada Avenue to Foothill Boulevard Demonstration Project, Glendora, CA**
- **LACMTA Gold Line First/Last Mile Concept Design, Glendora CA**
- **SCAG Arrow Highway Multimodal Regional Corridor Plan, San Gabriel Valley, CA**
- **LA Metro Los Angeles River Path Project, CA**
- **Downey and South Pedestrian Refuge Islands, Long Beach, CA**
- **Los Angeles AHSC Grant, CA**

Talia Agazaryan, EIT

Engineering Designer

YEARS AT ALTA

5 years

YEARS OF EXPERIENCE

6 years

EDUCATION

BS, Civil Engineering, University of California, Irvine

AREAS OF EXPERTISE

Multimodal roadway design

Bike share design

Corridor Design

ADA curb ramp design

Complete Street Design

REGISTRATIONS

Engineer-In-Training:
(#166715)

Envision Sustainability Professional

Talia is an Engineer whose project experience includes roadway rehabilitation, curb ramp design, cost estimating, field work, and utility coordination. She has experience in land development and worked on various roadway improvement and bike share expansion projects while working for the Transportation Department at the University of California, Irvine. She is also familiar with various roadway design guidelines and standards including local, state, and federal publications.

Relevant Experience

El Monte Parkway-Denholm Traffic Calming and Class IV Bikeway, CA
Alta is designing a Class IV bikeway on Parkway Drive and Denholm Street, providing existing conditions analysis, outreach, conceptual design and final PS&E plans. Talia is serving as Engineering Designer II on this project, working on the Class IV bikeway, signing and striping plans, utility mapping, curb ramp and driveway designs, landscaped medians, and the cost estimate.

El Monte Merced Avenue Linear Park, CA
Talia served as Engineering Designer II, designing bicycle facilities and pavement repair for a series of corridors in El Monte. These include Merced Avenue (Class IV), Towneway Drive (Class III), Ramona Boulevard (Class III), Tyler Avenue (Class II), and Durfee Avenue (Class II). The project ties into other Class IV work on Merced Avenue in South El Monte.

Culver City La Ballona Elementary School Protected Bike Lane and Safe Routes to School Project, CA
Alta developed a design and greenway improvements for Culver City's first separated bikeway on Elenda Street, as well as neighborhood improvements to create Safe Routes to La Ballona Elementary School. As an Engineering Designer on the project, Talia provided curb ramp designs, cost estimates, and striping design plans.

- **SCAG Arrow Highway Multimodal Corridor Plan and Demonstration Project, San Gabriel Valley, CA**
- **Gage Canal Multi-Purpose Recreational Trail, Riverside, CA**
- **LA River Path Gap Closure Project, CA**
- **Beverly Hills and Hermosa Beach Bicycle and Pedestrian Safety and Encouragement Program, CA**
- **LA BOE TOS 8 Curb Ramp Designs, Los Angeles, CA**

Em Katz, EIT

Engineering Designer

Em is a transportation engineer who is passionate about accessible and environmentally friendly transportation. They're passionate about accessible and environmentally friendly transportation and bring experience designing ADA compliant curb ramps, producing complete streets signing and striping plans, performing signal analyses for potential road diets, and completing Safe Routes to School plans.

YEARS AT ALTA

5 years

YEARS OF EXPERIENCE

7 years

EDUCATION

BS, Civil Engineering, Northeastern University

AREAS OF EXPERTISE

Traffic analysis

Concept design

Public engagement

Signing and striping

REGISTRATIONS

Engineer-in-Training: (#0210227)

Relevant Experience

Oakland Multi-Corridor Civil Design Services, CA
Alta is working with the City of Oakland Department of Transportation (OakDOT) to produce signing and striping plans, specifications, and estimates for six miles of roadway within the City of Oakland. The project is being done on a tight timeline to accommodate the City's planned pavement rehabilitation schedule. As Project Engineer, Em helped develop concept designs that implement Complete Streets elements that align with the city's standards along the corridor.

Sunnyvale SNAIL Neighborhood Active Transportation Improvements, CA
Em is serving as Engineer for this Cycle 3 ATP grant-funded project, which is designing pedestrian and bicyclist improvements in the SNAIL neighborhood of Sunnyvale. Project deliverables include environmental process and PS&E development for sidewalk and bikeway improvements at multiple locations throughout the neighborhood.

Oakland 14th Avenue Streetscape Design, CA
Alta is working with the City of Oakland Department of Transportation (OakDOT) to provide design and engineering services to complete the 14th Avenue Streetscape Project. Em is serving as Engineer, performing traffic analyses and assisting with the development of recommendations for improved bicycle facilities in both directions, ADA Curb ramps, high visibility crosswalks, and improved sidewalk with trees and landscaping and potential green stormwater infrastructure.

- **Oakland Ney Avenue Traffic Calming, CA**
- **Lake Merritt Streetscape Renderings, Oakland, CA**
- **Artesia Boulevard Go Human Demonstration, Long Beach, CA**
- **San Carlos Bicycle and Pedestrian Master Plan, CA**
- **Oakland Grand Avenue Mobility Plan, CA**

Staff Resumes

Matt Fralick, PE, PTOE

Associate Engineer

Matt is a Civil Engineer with 14 years of experience in the transportation sector. He specializes in traffic signal design and operations, operational analysis, safety analysis, signing and striping, traffic studies, and ITS design, with extensive hands-on experience managing and maintaining traffic signals and ITS components. Matt regularly develops PS&E packages for projects in Colorado. He works closely with clients and contractors on design build projects for multimodal improvements that enhance the safety and comfort of all modes.

YEARS AT ALTA

5 years

YEARS OF EXPERIENCE

14 years

EDUCATION

BS, Civil Engineering, Georgia Institute of Technology

AREAS OF EXPERTISE

Multimodal design

Signal design

Signing and striping

Traffic studies

Safety analysis

REGISTRATIONS

Professional Traffic Operations Engineer: (#4941)

Professional Engineer: CO (#0055226)

Relevant Experience

San Luis Obispo South Higuera Complete Street, CA
Matt is providing traffic engineering and design support on this project. The Complete Streets project includes 4.6 miles of protected bike lanes, buffered bike lanes, various intersection improvements, a HAWK beacon, RRFB, curb ramp upgrades, neighborhood traffic circles, and a pedestrian plaza.

Los Angeles Sherman Way Streetscape Improvements, CA
Matt aided in the analysis of current intersections using a level of service analysis, modeling and analyzing the same intersections after installation of the hybrid signals, and providing detailed recommendations for the network with the installation of the signals and accompanying striping improvements. Matt designed a Rectangular Rapid Flashing Beacon along LaPorte Avenue.

Oakland Ney Avenue Traffic Calming, CA
Alta developed a traffic calming plan for the Ney Avenue neighborhood in east Oakland. During the COVID pandemic, Alta conducted a socially distanced outdoor outreach activity where traffic calming features were demonstrated with cones and spray chalk. Community members were able to evaluate designs and given their own piece of chalk to make design modifications in the field. Matt served as the Assistant Project Manager for this project.

- **Glendora Urban Trail Design and Right-of-Way Support, CA**
- **Ocean Boulevard Traffic Study, Long Beach, CA**
- **Marin SMART Pathway Design, CA**
- **Glendora Urban Trail Design and Right-of-Way Support, CA**
- **Metro Los Angeles River Path Project, CA**
- **Chico Class IV Two-Way Cycle Track, Esplanade Corridor, CA**
- **Sherman Way Streetscape Improvements, Los Angeles, CA**

Donny Donoghue
Design Associate

Donny brings 10 years of urban design experience working with communities to vision and design vibrant trails, streets, and public spaces. He specializes in large-scale active transportation projects with an emphasis on technical design, user comfort, graphics & visualization, and collaboration. His enthusiasm, creativity, and drive for innovation impact each stage of the design process to help deliver ambitious projects for clients.

YEARS AT ALTA
6 years

YEARS OF EXPERIENCE
10 years

EDUCATION
MUP, University of Washington

Certificate, Urban Design, University of Washington

BS, Landscape Architecture, Environmental Studies Certificate, University of Wisconsin

AREAS OF EXPERTISE
Trail design

Mobility and innovation

Visual communication

Spatial design

Digital rendering

Relevant Experience

Merced Avenue Greenway and Linear Park, El Monte, CA
Alta is working with the City of El Monte to provide landscape architecture, engineering, and community outreach services for the development of the Merced Avenue Greenway Linear Park. The three-block linear park is located in an urban residential area, and will provide traffic calming and amenities for the community. The design includes walking and biking paths, native plantings, stormwater capture, public art, shade trees, and play areas. Alta is providing final PS&E for the linear park design. Donny served as design lead for 65% to 100% construction plans.

SGVCOG Active Transportation Initiative and Regional Greenway Network, San Gabriel Valley, CA
Donny has assisted in the development of a GIS process for analyzing and prioritizing potential greenways for the cities of Glendora, Irwindale, La Puente, Monrovia, and Montebello. Alta's master planning efforts prioritized programs and infrastructure improvements that will increase the number of people walking, bicycling, and using other human powered modes. Alta also analyzed over 150 miles of waterways, rail corridors, and utility easements for the potential development of a regional greenway network.

- **LACMTA C Line (Green) Extension to Torrance, CA**
- **Canoga Park Urban Cooling + First/Last Mile Strategies, Los Angeles, CA**
- **Metro LA River Path, CA**
- **Ballona Creek Bike Path Phase 2 Feasibility Study, Culver City, CA**
- **Hollister Complete Streets Plan, CA**
- **LA River Path Access Plan, Vernon, CA**
- **LA River Bikeway Feasibility Study, Vernon, CA**

Dan Olken
Landscape Designer

Dan has a background in Industrial and Interaction Design that focused on user experience and allowed him to excel in his pursuit of a Master of Urban and Regional Planning As part of the design team, Dan brings data to life through 2d and 3d maps and visualizations, and works on other elements in the planning process from community engagement to document writing and production.

YEARS AT ALTA
2 years

YEARS OF EXPERIENCE
2 years

EDUCATION
MURP, Urban and Regional Planning, University of Colorado

BID, Industrial and Interaction Design (Minor in Environment and Society) Syracuse University

AREAS OF EXPERTISE
Visualizations

Mapping

Sketchup

ArcGIS Pro

Adobe Suite

Lumion

Existing Conditions

Concept Generation

Relevant Experience

Banning Downtown Revitalization Complete Street Guide, CA
Alta is working with the City of Banning on the development of a Downtown Revitalization and Complete Streets Guide that expands and improves circulation, options, and safety for all travel modes, incorporates streetscape and public realm enhancements, and establishes a framework for attracting new investment and redevelopment. As a designer with planning experience, Dan is working on existing conditions analysis, community engagement, and design concept generation for the Complete Street guide.

Caltrans Pacific Coast Highway Climate Adaptation, Caltrans, Ventura County, CA
As a designer with planning experience, Dan prepared the existing conditions analysis and presentation of findings relating to crash injuries, parking, beach access, and attractions. He is currently creating planning-level concepts for bicyclist and pedestrian mobility, safety, and access through the corridor. The purpose of this project is to identify challenges and opportunities along the Pacific Coast Highway to create a more accessible and safe route for non automobile users, as well as a safe environment for those parking along the highway to enjoy views and recreation.

Port of Los Angeles San Pedro Waterfront Connectivity Plan, CA
Dan helped conduct the site visit and subsequent existing conditions for the San Pedro waterfront connectivity plan. Working with the prime on the project, Dan and the Alta team prepared section diagrams and recommendation maps to be used in communication with the client and public.

- **San Pedro Waterfront Connectivity Plan, CA**
- **Orange County Active Transportation Plan, CA**
- **LACDPH Pedestrian Plans Round 2, CA**

Daniel Scheir

Landscape Designer

Dan is a Landscape Designer with a background in landscape architecture and environmental studies. He brings experience in spatial analysis, cartographic production, and graphic production. Dan is passionate about creating places that are healthy and fun, and he believes that landscape architecture is uniquely positioned to positively impact community well-being.

YEARS AT ALTA

4 years

YEARS OF EXPERIENCE

7 years

EDUCATION

MLA, Landscape Architecture, California State Polytechnic University, Pomona

BA, Environmental Studies, Ithaca College

AREAS OF EXPERTISE

GIS and spatial analysis

Graphic production

Streetscape design

REGISTRATIONS

American Society of Landscape Architects

Relevant Experience

Merced Avenue Greenway, El Monte, CA
Alta provided landscape architecture, signing and striping, and community outreach services to support the development of the Merced Avenue Greenway. As Designer on this project, Daniel helped develop concept to 100% construction documentation for protected bikeway, stormwater capture in planted areas, a road diet to provide traffic calming benefits, and improved pedestrian crossings to enhance safety for all roadway users.

Streetscape Beautification Improvements, El Monte, CA
Alta is leading the development of a Streetscape Beautification Master Plan for El Monte which will provide design guidance for the city's streets to create welcoming gateways, vibrant commercial corridors, and safe and accessible transit streets and bikeways. Dan served as Designer and helped conduct detailed analyses of existing conditions. His work informed the development of recommendations for improving safety, sustainability, and placemaking.

SCAG Beverly Hills and Hermosa Beach Bicycle and Pedestrian Safety and Encouragement Program, CA
For this project, Alta delivered innovative demonstration projects in Beverly Hills and Hermosa Beach that enhanced bike and pedestrian safety and tested Complete Streets and Safe Routes to School concepts. The project made space for public patio seating, bike parking, and shortened crossing distances for pedestrians at this busy intersection to help enhance safety and improve crossing compliance. As a Designer on this project, Dan assisted with data collection and evaluation and helped facilitate demonstration events.

- **LACMTA LA River Path, Los Angeles, CA**
- **Riverside Gage Canal Multi-Purpose Recreational Trail, CA**
- **San Antonio Creek Channel Corridor, Montclair, CA**
- **LA Metro River Path, Los Angeles, CA**

Staff Resumes

Joel Ramirez

Landscape Designer

Throughout his career, Joel has designed and produced a range of landscape typologies. He has a wide range of skills and extensive knowledge base through his work on irrigation design, industrial design, mixed-use commercial, recreational spaces, and master planned residential communities. His passion for design comes from considering the legacy of a project. He strives to make every project both effective and impactful with the ultimate goal of creating something that stands the test of time. Joel's proficiencies include planting and irrigation design, graphic and 3D visualization, and construction documentation.

YEARS AT ALTA

1 year

YEARS OF EXPERIENCE

3 years

EDUCATION

BA, Landscape Architecture, Cal Poly Pomona

AREAS OF EXPERTISE

Graphic design

3D modeling

CAD drafting (construction and details) construction observation

Planting design

Irrigation design

Relevant Experience

Galt C Street Enhancements Engineering and Design, CA
Alta is part of a consultant team working on Complete Streets type improvements along C-Street corridor including hardscape and landscaped improvements for a two-lane road with raised center median, Class IV protected bike lanes, pedestrian crosswalks, decorative features, and green infrastructure stormwater plantings at several intersections. Alta supported community engagement and prepared conceptual designs for the Class IV bike lanes, and full design services for the landscaping and irrigation along the corridor. Joel as a Designer, helped manage, verify, and finalize the irrigation system on the project, providing irrigation to the new landscape medians along the street.

Glendora Urban Trail Phases 2&3, CA
The Glendora Urban Trail and Greenway Network Phase 2 (Sunfower Avenue to Juanita Avenue) and Phase 3 (Juanita Avenue to Grand Avenue) is a continuation of the first phase, which was completed in 2018 and extends from Louie Pompei to Sunfower Avenue in the City of Glendora. Phase 2 and 3 will complete the corridor from Sunfower Avenue to Grand Avenue with intersection crossings at Juanita Avenue, Bonnie Cove Avenue, Gladstone Street, and Glendora Avenue, approximately 1.5 miles. Joel as a Designer is assisting in the final submittal PS&E, corrections to the irrigation systems and plant design, as well as changes to the trail fixtures along the project.

- **El Monte Merced Avenue Linear Park and Traffic Calming, CA**
- **Corona Green Alleys Project, CA**
- **Ballona Bike Trail Phase 1, Los Angeles, CA**
- **Cal Poly Mobility Hub Feasibility Study**
- **Banning Downtown Revitalization, CA**

Samantha Hernandez

Landscape Designer

Sam is a Landscape Designer who has worked on projects that range from active transportation projects, trails, and public spaces. She hopes to help foster the relationship with people and their environment through design.

YEARS AT ALTA

5 years

YEARS OF EXPERIENCE

7 years

EDUCATION

BS, Landscape Architecture, California State University, Pomona

AREAS OF EXPERTISE

Sustainable landscape design

Streetscapes and trail design

Complete Streets design

Corridor design

Relevant Experience

Merced Avenue Linear Park and Traffic Calming, El Monte, CA
Alta developed a Class IV bikeway and additional traffic calming measures, such as removing speed humps, to calm traffic and improve roadway safety on Parkway Drive and Denholm Drive. Samantha served as a Landscape Designer, assisting in developing spaces for amenities and assisting in the planting plan.

South El Monte Merced Avenue Greenway, CA
The Merced Avenue Greenway project addresses environmental health issues, including extreme heat and stormwater contamination, and gaps in the active transportation network along a 1.5-mile segment of Merced Avenue. Alta provided landscape architecture, signing and striping, and community outreach services for the development of the Merced Avenue Greenway. Sam was a Landscape Designer on this project and assisted in developing the planting design and outreach material.

I-710N Mobility Hubs Plan, Los Angeles, CA
Alta led the development of the I-710N Mobility Hubs Plan, which evaluated existing projects and plans in the study area, assessed the availability of different modes of transportation, analyzed multimodal supportive infrastructure and place-making strategies, and considered future mobility trends to inform the identification of 10 priority mobility hub locations and improvements that address mobility and public space issues. As Landscape Designer, Sam created concept diagrams for each site that proposed different mobility and pedestrian improvements that took site context into consideration.

El Monte Streetscapes Beautification, CA
Alta is developing design guidance for creating welcoming gateways, vibrant commercial corridors, and safe and accessible transit streets and bikeways in El Monte. Alta's work is grounded in a detailed analysis of the City's tree canopy, bicycle and pedestrian collision hot spots, and first/last mile needs. As Landscape Designer, Sam has attended site visits and provided graphics support.

Edna Jimenez

Project Manager, Community Engagement

Edna has played a key role in many transportation, planning, environmental, and construction projects as Deputy Project Manager at Arellano Associates (AA). She focuses on strategic communication, message development, inter-agency relations, marketing, event coordination and implementation, database management, and project organization. As a natural leader, Edna excels at building relationships with various stakeholders and has successfully developed strategic outreach plans that focus on serving diverse groups. Additionally, Edna has developed engagement plans that focus on digital outreach and innovative tools to support client needs and increase opportunities for enhanced community engagement.

YEARS AT ARELLANO ASSOCIATES

11 years

YEARS OF EXPERIENCE

11 years

EDUCATION

BS, Urban & Regional Planning, California State Polytechnic University, Pomona

AREAS OF EXPERTISE

Project Management & Strategic Planning

CEQA/NEPA

Urban & Regional Planning

Rail Transit

Active Transportation

First/Last Mile and Transit-Oriented Corridors (TOC)

Managed Lanes (HOV, Express Lanes, toll)

Construction

Equity focused outreach

Online Engagement/ Social Media Tools

Relevant Experience

City of Pico Rivera, Telegraph Road Over San Gabriel River Bridge, Pico Rivera, CA
The City of Pico Rivera, in partnership with City of Downey and City of Santa Fe Springs, is seeking to replace the San Gabriel Bridge over Telegraph Road to increase safety. Edna serves as Project Manager and oversees all messaging and communication with all the three cities. She supervises the development of an outreach program to reach key stakeholders, provides support to various presentations to elected officials and key groups, and conducts public meetings and notification.

City of Pico Rivera, Washington Blvd Over Rio Hondo Channel, Pico Rivera, CA
The City of Pico Rivera is seeking to replace the Washington Blvd bridge over Rio Hondo Channel to increase safety. AA will provide outreach services and develop a comprehensive outreach program that targets reaching out to key stakeholders and the community, including underserved and Limited English Proficient communities. Edna serves as Project Manager and oversees all messaging and communications with the City and stakeholders. Edna will lead the strategic planning to reach key stakeholders, provide support to various presentations for elected officials and key groups, and conduct public meetings and notification.

Additional Relevant Experience

- **County of Los Angeles, Rosemead Boulevard Complete Streets Improvement Projects, Rosemead, CA**
- **City of Pico Rivera, Beverly Crossing Project, Pico Rivera, CA**

Yvette Ximenez

Deputy Project Manager, Community Engagement

YEARS AT ARELLANO ASSOCIATES

7 years

YEARS OF EXPERIENCE

8 years

EDUCATION

BS, Public Policy, Planning & Development, University of Southern California

AREAS OF EXPERTISE

Construction Outreach

Public Event Planning & Presentations

Public Speaking

CEQA/NEPA

Light Rail Transit

First/Last Mile

Client/Public Relations

Targeted Stakeholder Outreach

CBO Partnerships

Equity Focused Communities

Online Engagement/ Social Media

Yvette provides strategic public outreach services and direction for a variety of planning, environmental, and construction projects both in Los Angeles and Orange Counties. She is experienced in strategic partnerships with community-based organizations and continues to build this expertise through her work with Metro. Yvette supports with development of strategies for partnering with community-based organizations, development of key messaging, presentations and collateral materials, coordination of events and public meetings, notification for public meeting and hearings, direct stakeholder outreach, client relations, construction outreach and assists with project and budget management. She is particularly interested in engaging minority, Limited English Proficiency, and low-income groups to become involved in the development of their communities.

Relevant Experience

City of Pico Rivera, Telegraph Road Over San Gabriel River Bridge, Pico Rivera, CA

The City of Pico Rivera, in partnership with City of Downey and City of Santa Fe Springs, is seeking to replace the San Gabriel Bridge over Telegraph Road to increase safety. Yvette serves as Senior Project Coordinator and provides strategic communications to the partner cities and stakeholders. She leads the development of collateral, public meeting notification, the project webpage, meeting materials. Yvette supports the development of an outreach program to reach key stakeholders and presentations for elected officials and key groups.

City of Pico Rivera, Beverly Crossing Project, Pico Rivera, CA

Scale(s) Lab Architects, in cooperation with the City of Pico Rivera, proposes to develop a currently vacant property at the intersection of Beverly Boulevard and Rosemead Boulevard. Yvette assisted in the preparation of communications to interested stakeholders, the drafting of collateral materials and Spanish translations, and in execution of public meetings and other outreach.

Additional Relevant Experience

- **LA Metro, Eastside Transit Corridor Phase 2 (Advanced Conceptual Engineering phase) – Gateway Cities and San Gabriel Valley Regions, CA**
- **LA Metro, Interstate 605 (I-605)/State Route 60 (SR 60)/ Interstate 5 (I-5) Project Approval and Environmental Document (PA/ED) Interchange Project, CA**
- **County of Los Angeles, Rosemead Boulevard Complete Streets Improvement Projects, South El Monte, CA**

Subconsultant Resumes

Roger W. Schlierkamp, MSC, PE

Principal/Director, Pavement Engineering

YEARS AT GMU

9 years

YEARS OF EXPERIENCE

15 years

EDUCATION

MS, Civil Engineering - Pavement/Materials Engineering, University of Nevada, Reno

BS, Civil Engineering, University of Nevada, Reno

REGISTRATIONS

Professional Engineer: CA (#C81529)

Roger oversees GMU's comprehensive range of pavement engineering services, including pavement management planning, pavement evaluations/ designs, PS&E development, construction management, observation-and-testing, and mix design development. His full-circle knowledge allows him to develop practical and cost-effective solutions to real-world and complex pavement-related challenges. Roger presents his knowledge and experience in workshop and classroom settings on topics related to pavement engineering and construction, including as a past instructor for "Construction Materials and Testing" at Santiago Canyon College. Additionally, as a participant of the Greenbook Committee, Roger has helped to shape pavement construction specifications and requirements utilized by numerous agencies and projects throughout Southern California.

Relevant Experience

- **Phase 1 Trail Improvements, Southern California Edison Corridor, Buena Park, CA**: Decomposed granite path recommendations for vehicular loads, concrete flatwork, and concrete pavement design.
- **UCI Lot 36 Bus Yard, Irvine, CA**: Evaluation of existing parking lot for use as bus parking lot area, retaining wall geotechnical design, pole foundation geotechnical design, and concrete flatwork.
- **Jamboree and Main Intersection Widening, Irvine, CA**: Design of new pavements for widening and retaining wall geotechnical design.
- **Cerritos Avenue Sidewalk Gap Closure, Anaheim, CA**: Pavement design, concrete flatwork design, and free-standing wall geotechnical design recommendations.
- **Camino Capistrano, San Juan Capistrano, CA**: Pavement design engineer performing and overseeing the pavement evaluation of various segments of Camino Capistrano, including corings, ground-penetrating radar (GPR) testing to identify approximate limits of buried underlying PCC, laboratory testing, and analysis. Roger also oversaw the project during construction, managing construction materials observation and testing.
- **Hamilton Ave., Heil Ave., and Bolsa Ave. Pavement Evaluation Projects, Huntington Beach, CA**: Pavement design engineer overseeing the evaluation of 4 major arterial segments located throughout the city of Huntington Beach, including pavement surface condition assessment, corings, falling weight deflectometer testing, laboratory testing, analysis, and development of pavement rehabilitation recommendations.

Scott H. Ward, PE

Project Engineer, Geotechnical Engineering

Scott has over 10 years of experience in the geotechnical/pavement industries. Scott's experience at GMU builds upon time with a leading geotechnical-environmental integrated consulting firm in the New England region (Haley & Aldrich), as well assisting in project management for the world's largest geotechnical specialty contractor (Keller) in the southern California area. His project experience includes large mixed-use and commercial developments in tight urban and waterfront environments, public works projects, small residential forensic investigations and distress evaluations, support of senior engineers in litigation/expert witness projects, and everything in between.

Relevant Experience

- **Irvine Civic Center Parking Lot Improvements, Irvine, CA**: Provided infiltration testing and geotechnical + pavement design services for proposed pavement rehabilitation of the City Hall/Civic Center parking lot, and new parking lot expansion with retaining walls.
- **Carriage Crest Park Improvements, RJM Design Group, Carson, CA**: Provided geotechnical investigation, infiltration testing and geotechnical design services for proposed park improvements including sports courts, ball field improvements, concessions/restroom building, and associated landscape improvements.
- **Las Palmas Park Improvements, RJM Design Group, San Fernando, CA**: Provided geotechnical investigation, infiltration testing and geotechnical design services for proposed park improvements including sports courts, ball field improvements, concessions/restroom building, and associated landscape improvements.
- **Doheny Village Connectivity Improvements, Dana Point**: Provided geotechnical and pavement design services for proposed pavement rehabilitation of Coast Highway and additional features including a PCC debris barrier at the base of the adjacent bluff. The pavement design process was complicated due to PCC pavement underlying the AC roadway surface non-continuously.
- **Eastern Avenue Pavement Rehabilitation, PSOMAS, Los Angeles, CA**: Provided pavement design services for proposed pavement rehabilitation of Eastern Avenue in the City of Los Angeles. The pavement design process was complicated due to PCC pavement underlying the AC roadway surface non-continuously.

YEARS AT GMU

3 years

YEARS OF EXPERIENCE

10 years

EDUCATION

BS, Civil Engineering, Columbia University, New York City

REGISTRATIONS

Professional Engineer: CA (#C95205)

Subconsultant Resumes

Amina Mannan, Ph.D., PE

Senior Engineer, Pavement & Geotechnical Engineering

Amina is a highly experienced senior pavement and geotechnical engineer with experience in geotechnical engineering projects. Her expertise includes pavement condition assessment, material testing, pavement evaluation/design, pavement condition index, specification development, and mix design development projects. In addition, she has experience in geotechnical engineering, such as site investigation, geotechnical analysis and design, foundation design, slope stability analysis, construction monitoring, and risk assessment. Amina has had the privilege of collaborating with state and local agencies, private sector clients, and civil engineering firms, and has previously worked with several state agencies on pavement and geotechnical projects. Her unique proficiency in both pavement and geotechnical engineering enables her to provide her clients with high-quality, cost-effective, and reliable solutions.

Relevant Experience

- **Advanced Non-Destructive Testing**: Proficiency in utilizing non-destructive testing methodologies such as Falling Weight Deflectometer (FWD), Ground Penetrating Radar (GPR), Laser Crack Measurement System (LCMS), and Profiler, for comprehensive pavement condition assessments.
- **Pavement Evaluation and Design**: Demonstrated expertise in employing various design method, including Caltrans, Greenbook, AASHTO'93, FAA, AASHTOWare Pavement ME for the evaluation and design of pavements.
- **Pavement Management Plans (PMP)**: Experience in formulating PMP using the Pavement Condition Index (PCI), budget analysis and Maintenance and Rehabilitation (M&R) planning using PAVER.
- **Asphalt Mix Designs**: Proficiency in designing asphalt mixes, encompassing hot-mix asphalt (HMA) and warm-mix asphalt (WMA) with and without RAP, in accordance with Superpave mix design method.
- **Geotechnical Data and Design Recommendations**: Expertise in providing geotechnical data and design recommendations for utilities, retaining walls, and bridges based on the in-situ lab testing of soil and rock.
- **AC Laboratory Testing**: Experience in laboratory testing, including Dynamic Modulus Test, Low-Temperature Cracking Test, Beam Fatigue Test, Hamburg Wheel Tracking (HWT) Test, Moisture Induced Sensitivity Test (MIST), and more.

YEARS AT GMU

5 years

YEARS OF EXPERIENCE

13 years

EDUCATION

Ph.D. Civil Engineering, Pavement/Materials Engineering, University of New Mexico, Albuquerque

MS, Civil Engineering, Pavement/Materials Engineering, University of Akron

BS, Civil Engineering, Bangladesh University of Engineering and Technology, Dhaka Bangladesh

REGISTRATIONS

Professional Engineer: TX

Jeffrey Heald, PE

Principal, Traffic Engineer

DKS

Jeff has managed numerous traffic engineering and transportation planning efforts for public agencies over the last 34 years including signal and roadway design projects, neighborhood traffic calming projects, multi-modal mobility evaluations for bicycles and pedestrian facilities, mobility corridor studies, traffic signal system projects, community transportation assessment studies, site access designs, and ITS planning and deployment. Jeff's experience working with agency staff, stakeholders/neighborhood groups and elected officials will help establish clear goals up front, listening and communicating with others regarding any project issues and working to develop solutions that are tailored to the needs of the project.

YEARS AT DKS ASSOCIATES

12 years

YEARS OF EXPERIENCE

34 years

EDUCATION

BS, Civil Engineering, Michigan State University

AREAS OF EXPERTISE

Project leadership

Complete streets

Pedestrian and bicycle evaluations

Multi-modal evaluations

Traffic signal design

Traffic signal optimization

Intersection safety improvements

Roadway and landscaping improvements

REGISTRATIONS

Professional Engineer: CA (#C49164)

Relevant Experience

City of Pasadena Union Street Two-Way Cycle Track Project, Pasadena, CA
The project involves designing a two-way cycle track facility within existing ROW on Union Street. Union Street is currently a one-way facility providing westbound travel just north of Colorado Boulevard and has a considerable amount of excess capacity for vehicle travel lending to concept of reducing the cross section by one lane of travel. The design will involve safety measures protecting bicyclists including median barriers separating the cycle track from vehicle lanes, as well as upgrades in traffic signalization and communications that will provide gaps in traffic for bikes and pedestrians to complete turning movements and crossings.

Cordova Street Complete Streets Project, Pasadena, CA
Jeff was the Project Principal-in-Charge for this project which was a part of the City of Pasadena's Mobility Element objective, aimed to provide a safe environment to all modes of transportation by incorporating the buffered Class II bike lanes along Cordova Street from Arroyo Parkway to Hill Avenue. As a part of the multi-disciplined team, DKS provided engineering services for the Cordova Street Project, which included traffic signal improvements, bicycle detection upgrades, pedestrian ADA accessibility upgrades and ITS components.

- **Manhattan Beach ATS System Project, Manhattan Beach, CA**
- **Pacific Coast Highway Corridor Study, Orange County, CA**
- **Citrus Avenue/Foothill Boulevard Intersection Improvements, Azusa, CA**
- **Buena Park Multi-Modal Mobility Plan, Buena Park, CA**
- **Livable Beach Boulevard Mobility Study, Stanton, CA**

Subconsultant Resumes

Alex Zhu, PhD, PE, PTOE

Senior Traffic Engineer

DKS

Alex has 16 years of industry experience in ITS and traffic engineering, traffic management centers, traffic signal design and timing, transportation systems management and operations, ICM, systems engineering, connected and autonomous vehicles, and smart cities. Alex has led various Traffic Signal Synchronization Projects (TSSP) in the Southern California region, encompassing data collection, traffic studies, signal timing, signal modifications, and inter-agency coordination among LA Metro, OCTA, Caltrans, and local agencies. Alex has worked with California public agencies on planning, design, and implementation of large-scale ITS system. He has hands-on experience working in a TMC environment for five years overseeing managed lanes, ramp metering, freeway incident management, and 511 traveler information system.

YEARS AT DKS ASSOCIATES

2 years

YEARS OF EXPERIENCE

16 years

EDUCATION

PhD, Civil Engineering, Florida International University

MS, Civil Engineering, Tongji University

BS, Civil Engineering, Tongji University

AREAS OF EXPERTISE

Pedestrian improvements

Traffic signal design and improvements

Intersection safety improvements

Roadway improvements

REGISTRATIONS

Professional Engineer: CA (#88557)

Professional Transportation Operations Engineer (#5053)

Relevant Experience

Manhattan Beach ATS System Project, Manhattan Beach, CA
As design lead for this project, Alex oversees design elements including communication design, video detection, CCTV cameras, CV support, and traffic signal upgrades. This project is to design and build a city-wide communication system, including new hubs, conduit system, and fiber optic fiber. This project also adds video detection, CCTV cameras, CV support and provides traffic signal upgrades. Alex led all phases of the project, including the preliminary engineering, PS&E, and construction support. He also made sure the project complied with Measure M funding requirements.

OCTA Alton TSSP, Orange County, CA
Project Manager for this traffic signal synchronization project (TSSP) along a 12.8 miles segment of Alton Parkway and Commercentre Drive in the Cities of Irvine and Lake Forest. This project is to upgrade traffic signal infrastructure, ITS, communications at 50 signalized intersections, and TMC, and retime the corridor. DKS is currently leading the design, construction, and signal timing effort. This project also includes two years of O&M to monitor the performance of the corridor per OCTA requirements.

- **OCTA Edinger TSSP, Huntington Beach, CA**
- **Suisun Traffic Signal Improvement Project, Suisun City, CA**
- **LA County Public Works On-Call Traffic Design, Ramona Blvd TSSP-BSP, Los Angeles County, CA**
- **Irvine Citywide Signal Synchronization Master Plan, Irvine, CA**
- **OCTA Katella Street RTSSP Project, Orange County, CA**

Stephanie Lopez

Traffic Engineer

DKS

Stephanie is a Transportation Engineering Associate focused on traffic engineering design and planning projects. She has experience working on traffic signal design, signing and striping, traffic control, and ITS projects for various Southern California agencies. Stephanie's specific work experience includes agency coordination, extensive fieldwork for utility research, intersection design, and cost estimation.

YEARS AT DKS ASSOCIATES

1.5 years

YEARS OF EXPERIENCE

6 years

EDUCATION

BS, Civil Engineering, California State University, Fullerton

AREAS OF EXPERTISE

Multi-jurisdictional coordination

Pedestrian improvements

Traffic signal design and improvements

Intersection safety improvements

Roadway improvements

Relevant Experience

City of Pasadena Union Street Two-Way Cycle Track Project, Pasadena, CA
Stephanie was Transportation Engineering Assistant and coordinated with the City of Pasadena, design firms, and contractors, while responding to RFIs regarding items such as utility conflicts, pole relocations, and updating infrastructure. The design will involve safety measures protecting bicyclists including median barriers separating the cycle track from vehicle lanes, as well as upgrades in traffic signalization and communications that will provide gaps in traffic for bikes and pedestrians to complete turning movements and crossings. Stephanie was also responsible for reviewing shop drawings submitted by the contractor.

OCTA Alton TSSP, Orange County, CA
DKS is preparing signal timing plans, coordinating the installation of communications, infrastructure, developing and implementing traffic signal modification plans, producing a benefits report, and conducting before and after studies for 50 signalized intersections. Stephanie led the field review and utility research for the City of Lake Forest. She prepared a Utility Matrix and coordinated with the City to make sure all the necessary utility agencies were contacted. She also produced a memorandum for the new proposed TMC improvements.

- **Imperial Highway Traffic Signal Synchronization Project, Los Angeles County, CA**
- **Suisun Traffic Signal Improvement Project, Suisun City, CA**
- **Mendez Freedom Trail/Green Street Bikeway Project, Westminister, CA**
- **OCTA Edinger TSSP, Orange County, CA**

Subconsultant Resumes

Mareeya Tongkul

Traffic Engineering Assistant

DKS

Mareeya is a Transportation Engineering Assistant that specializes in ITS design and planning as well as traffic signal operations. She brings a significant amount of signal timing implementation/field equipment experience. She had supported the City of Anaheim's Traffic Management Center by operating the City's central traffic control during road closures, construction, and major events. Mareeya also designed signal timing coordination plans for the City during peak periods. She has extensive experience using Econolite Centracs and Siemens' TACTICS to manage traffic congestion.

YEARS AT DKS ASSOCIATES

2 years

YEARS OF EXPERIENCE

2 years

EDUCATION

BS, Civil Engineering, California State University, Irvine

AREAS OF EXPERTISE

Multi-jurisdictional coordination

Pedestrian and bicycle improvements

Traffic signal design and improvements

Roadway safety improvements

Roadway improvements

Relevant Experience

City of Pasadena Union Street Two-Way Cycle Track, Pasadena, CA
Mareeya is the Transportation Engineering Assistant for the design of this two-way cycle track along Union Street. DKS is leading the overall design, construction, and public outreach services for this project. The project also consists of upgrading traffic signalization and communications to improve bike and pedestrian turning movements and crossing. Mareeya is reviewing comments on the traffic signal plans and revising the CAD design file for the fiber and traffic signal plans as necessary.

OCTA Alton TSSP, Orange County, CA
Mareeya is the Transportation Engineering Assistant for this TSSP project along Alton Parkway and Commercentre Drive. Mareeya assisted in the data collection process in which she conducted field verification and acquired existing conditions field notes and cabinet photos along the intersections for the City of Irvine and Lake Forest. She developed a coordination matrix to prepare for the project kick off and to help ensure organization and communication along field work utilization and plan sheet set up. In addition, she will draft the project schedule, action items list and records meeting minutes for every monthly meeting. Mareeya will take lead on drafting up the fiber and traffic signal plan sheets for the distributed signalized intersections in the City of Irvine and Lake Forest.

- **City of Manhattan Beach Advanced Traffic Signal System Project, Manhattan Beach, CA**
- **OCTA Edinger TSSP, Orange County, CA**
- **City of Norwalk Rosecrans Avenue Traffic Signal Improvement, Norwalk, CA**

Crystal Chavez

Traffic Engineering Assistant

DKS

Crystal is a Transportation Engineering Assistant working on a variety of design projects and moderate planning projects. She has experience working on signing and striping, traffic signal modifications, and ITS upgrades with private and public agencies throughout California. She also has experience working on transportation impact study and analysis projects. Crystal is also a bilingual outreach specialist engaging and educating the public on a variety of projects, including Transportation Master Plans, Community Vision Plans, and Vision-Zero Plans.

YEARS AT DKS ASSOCIATES

4 years

YEARS OF EXPERIENCE

4 years

EDUCATION

BS, Civil Engineering, University of Nevada, Reno

AREAS OF EXPERTISE

Pedestrian safety and improvements

Traffic signal design and improvements

Roadway safety improvements

Roadway improvements

Relevant Experience

Union Street Two-Way Cycle Track Project, Pasadena, CA
DKS Associates was the Prime Consultant leading a multi-disciplined team to provide public outreach, environmental clearance, preliminary and final design and construction support for a two-way cycle track on Union Street from Arroyo Parkway to Hill Street in the City of Pasadena, California. Crystal assisted the team in designing the two-way cycle track. The design incorporated the safety of all pedestrians, vehicles, and cyclists. Protected left turn movements were implemented in all intersections to ensure the safety of cyclists and pedestrians.

OCTA Alton TSSP, Orange County, CA
Transportation Engineering Assistant for this project where DKS is preparing signal timing plans, coordinating the installation of communications infrastructure, developing, and implementing traffic signal modification plans, producing a benefits report, and conducting before and after studies for 50 intersections. Crystal performed field verification for the existing site conditions and drafted the traffic signal design plan sheets for the City of Irvine. She developed a Synchro model for the existing timing and will be involved with developing the proposed timing for all four peak hour scenarios.

- **City of Manhattan Beach Advanced Traffic Signal System Project, Manhattan Beach, CA**
- **Los Angeles County Ramona Boulevard TSSP-BSP, Los Angeles, CA**
- **OCTA Magnolia Street TSSP, Orange County, CA**
- **OCTA Westminster Ave/17th Street Traffic Signal Synchronization Project, Orange County, CA**
- **City of El Segundo Traffic and Pedestrian Safety Study, El Segundo, CA**

Subconsultant Resumes

Daniela Borbe

Right-of-Way Project Manager

monument

Daniela has over 20 years of industry experience and possesses an extensive knowledge of all aspects of the real estate and right-of-way process. Over the span of her career, she has managed numerous projects and successfully completed over 5,000 acquisitions and relocations for public improvement projects. She is responsible for the management of her acquisition and relocation staff and the budget and critical paths for each of her team's projects. Daniela is knowledgeable in Federal, State and local laws, regulations, and policies related to eminent domain, easements, rights of entry, and other right-of-way technical and legal activities involved with the formal process of acquiring right-of-way.

YEARS AT MONUMENT

4 years

YEARS OF EXPERIENCE

20 years

EDUCATION

BA, Public Administration, Babes Bolyai University, Romania

REGISTRATIONS

Real Estate Salesperson: CA (#01511932)

EXPERTISE

Expert in residential and commercial acquisition

Skilled at identifying and managing risk

Manages large and small transportation projects

Relevant Experience

Warner Avenue Widening, Phase II, Santa Ana, CA
This project expands Warner Avenue from Oak Street to Grand Avenue by adding an additional lane of traffic and medians. This project will improve the flow of traffic and greatly improve commuter safety. Daniela is responsible for the acquisition of 20 full and partial take residential and commercial properties and over 17 residential relocations.

Bristol Street Widening Project, Phases 3A & B, Santa Ana, CA
As Project Manager, Daniela provided oversight of overall project coordination and managed all elements of the right of way acquisition for this project, which entailed 28 partial and full acquisitions and relocation of 15 businesses and 23 residential occupants.

Grand Avenue Widening Project*, Santa Ana, CA
As Acquisition Project Manager, Daniela provided oversight of overall project coordination. She worked with her staff to analyze acquisition impacts, prepare acquisition documents, negotiate with property owners, and compile project reports. She coordinated escrow and cleared encumbrances from titles to close out the project.

- **Bastanchury Widening, Yorba Linda, CA**
- **I-405 Improvement Project, Orange, CA**
- **South Laguna Tunnel Stabilization and Sewer Replacement Project, Laguna Beach, CA**
- **North Spring Street Viaduct Project, Tustin, CA**

BJ Swanner

Right-of-Way Project Manager

monument

BJ has over 16 years of experience managing right-of-way programs for a variety of public infrastructure projects from small to large. He has demonstrated experience managing projects, as well as developing and implementing technological solutions to real estate challenges utilizing GIS and other systems. Throughout his career, BJ's focus has been on supporting engineers and planners during the pre-acquisition phases of project development. As a recognized leader in the Southern California right-of-way profession, he is knowledgeable about local markets and infrastructure, and has relationships with key stakeholders in the region.

Relevant Experience

Inglewood Transit Connector, Inglewood, CA
BJ is Monument's Project Manager for this landmark Project and has been involved in both the planning phase, as well as the right of way acquisition and relocation phase. During planning, BJ conducted initial right-of-way impact analyses and relocation studies, and cost estimates to support project programming. During the right-of-way acquisition phase, BJ has been managing a team of appraisers and agents to acquire the necessary rights for the project and relocate displaced businesses.

Sepulveda Pass Transit (Tunnel), Los Angeles, CA
Monument is working with the design team to evaluate the right-of-way impacts for various alignment options being considered. BJ is managing Monument's team of analysts and agents who are providing right of way impact analysis in support of the design and planning efforts. BJ is coordinating closely with the design team and Metro Real Estate staff to document the likely right-of-way requirements and estimate the cost to acquire property rights. This includes over 600 acquisitions, over 400 residential relocations, and over 120 business displacements.

- **Arroyo Seco Parkway Safety Enhancement Project*, Pasadena, CA**
- **US-101/Universal Studios Boulevard Southbound On-Ramp Improvements*, CA**
- **Nogales Street South Grade Separation*, Industry, CA – Project Manager**

YEARS AT MONUMENT
1.5 years

YEARS OF EXPERIENCE
16

EDUCATION
BS, Geography, GIS and Remote Sensing, UCLA

EXPERTISE
Expert in residential and commercial acquisition
Skilled at identifying and managing risk
Manages large and small transportation projects

Subconsultant Resumes

Curtis Bibolet, SR/WA, R/W-AMC

Utility Coordination Manager

monument

As a certified right of way professional, Curtis possesses an abundance of real estate transaction, property management, and utility coordination expertise. He has over 13 years of experience managing best practices, regulatory procedures, and logistics for property management and utility coordination projects on behalf of public agencies. With his friendly demeanor, Curtis provides oversight and quality review for Monument agents. He is focused on maximizing revenue, clearing encroachments, and mitigating utility conflicts for his clients.

Relevant Experience

La Cadena Over Santa Ana River Bridge Replacement, Colton, CA
Curtis was in charge of the relocation of electric, cable, gas, and waterline facilities before construction and will obtain Caltrans Certification. This public improvement Project replaces the existing La Cadena bridge over Santa Ana River to accommodate four travel lanes, a raised median, bike lane, and a sidewalk in each direction.

West Valley Connector Bus Rapid Transit, San Bernardino, CA
Curtis was responsible for preparing a Utility Matrix to identify utility owners, descriptions of facilities, dispositions (protect, relocate, abandon), and initial liability determinations. He also drafted and issued the Relocation Claim Letters and Notice to Owner to relocate to coordinate with utility companies for adjustment and relocation of interfering utilities to make way for the project. Curtis coordinated with affected agencies and utility owners to obtain permits, approvals, and necessary agreements for relocation,and maintained files documenting relocations and communications with the utilities involved.

- **Avenue N Improvement Project, 18th Street West to 10th Street West, Palmdale, CA**
- **Rosecrans Avenue Bridge Replacement over the Los Angeles River Channel Project, Paramount, CA**
- **Santa Ana River Trail, Corona, CA**
- **Crown Valley Parkway, Laguna Niguel, CA**

YEARS AT MONUMENT
2.5 years

YEARS OF EXPERIENCE
14 years

EDUCATION
BA, Communications, University of Idaho

REGISTRATIONS
Real Estate Salesperson: CA (#02008725)

EXPERTISE
Expert in Utility Relocation Coordination
Strong relationships with local and state wide utility companies
Manages large and small transportation projects

Kurt Hoehn, PLS

Project Surveyor

COAST SURVEYING
LAND SURVEYING AND MAPPING

Kurt has over 45 years of experience as a Project Surveyor, Survey Manager, Party Chief, and survey Company Owner. His experience has varied from doing geodetic surveys while serving in the U.S. Army to land development and public works surveys within the southern California area to oil and gas work overseas. He has considerable knowledge of southern California, having done land development, public works, and transportation projects. Kurt's diverse skill set includes performing many types of surveying, including vertical and horizontal control, photo control, GPS surveys, topographic surveys, design surveys, boundary surveys, right of way surveys, monitoring surveys, and construction layout. In addition, Mr. Hoehn has extensive experience in the data collection, makeup, and generation of all types of Survey Record Maps (Tract Maps, Parcel Maps, Records of Survey, and Topographic) and the generation of ALTA Surveys.

YEARS AT COAST

3 years

YEARS OF EXPERIENCE

45 years

REGISTRATION

Professional Land Surveyor: CA (#4874); WA (#30936)

EDUCATION

BS, Land Surveying and Photogrammetry, California State University, Fresno

AREAS OF EXPERTISE

Project Coordination & Management

Transportation Mapping Projects

Boundary Analysis & Record Mapping

ALTA Surveys

Relevant Experience

Merced Avenue Traffic Calming El Monte, CA
Kurt managed a design survey to support the Merced Avenue Traffic Calming project. The survey extended from Merced Avenue from the intersection at Garvey Avenue northerly to the intersection of Towneway Drive, a distance of approximately 2,900 feet. Among the items included in the survey were curbs, flowlines, gutters, paving types, roadway crown elevations, striping, and above-ground utilities.

Washington Boulevard Pedestrian Transit Access Improvements, Phase II, Los Angeles, CA
Coast performed a topographic survey to support the Washington Boulevard Pedestrian Transit Access Improvements Phase II project. The survey control was tied to the current Los Angeles County adjustment of the California State Plane, NAD83 horizontal coordinate system, and tied vertically to the City of Los Angeles System of Benchmarks. Among the items included in the survey were curbs, gutters, curb ramps and sidewalks; trees and tree wells; street furniture; above-ground evidence of utilities; location of catch basins and manholes; light poles, power poles; and traffic signals and signage.

- **LACMTA Green Line Extension to Torrance, Los Angeles, CA**
- **Airport Metro Connector (AMC) Transit Station (Aviation & 96th Street) LA County MTA, CA**
- **Dominguez Channel Bike Path Carson, CA**
- **Grandview Avenue Waterline, Yorba Linda Water District, CA**

Subconsultant Resumes

Ruel del Castillo, PLS

Survey Manager

COAST SURVEYING
LAND SURVEYING AND MAPPING

Ruel has 58 years of experience managing field and office operations for all phases of surveying and mapping services. He has hands-on knowledge of various land surveying services, including right-of-way and boundary surveys and analysis, GPS surveys, topographic surveys, utility location surveys, large-scale aerial and geodetic control, and monitoring quantities.

YEARS AT COAST

42 years

YEARS OF EXPERIENCE

59 years

REGISTRATION

Professional Land Surveyor: AZ (#11844); CA (#4212); ID (#3668); NV (#4713); WA (#22480)

EDUCATION

Certificate in Public Administration and Major Coursework in Land Surveying

AREAS OF EXPERTISE

Extensive experience in managing large survey projects

Expertise in right-of-way and boundary analysis

Wide-ranging experience on all survey project types

Relevant Experience

OCTA SR-55 PR/ED, Orange County, CA
Coast performed a topographic survey. Aerial photogrammetry was obtained from I-5 to SR-91 and extended along the local streets and interchanges, where improvements were depicted in the PSR-PDS for the project.

OCTA I-5 HOV Improvement Project (between SR-55 and SR-57) PS&E, Orange County, CA
Coast performed a topographic survey which included research, preparation of land net recovery and field ties to recover survey monuments to tie into the project's horizontal and vertical controls, preparation of a Land Net-Map and monument perpetuation surveys, and detailed field surveys of existing streets.

OCTA I-5 Improvement Project (I-405 to SR-55) PR/ED, Orange County, CA
Coast completed a topographic survey with aerial photogrammetry of the project area (I-5 north of I-405 to SR-55) to support the preparation of the PR/ED along with field surveys to set ground controls. Final mapping was provided in MicroStation per Caltrans standards and guidelines.

- **I-5 South Widening Project, Segment 2 (Oso Parkway to Alicia Parkway) OCTA, CA**
- **I-5 South Widening Project, Segment 3 (Alicia Parkway to El Toro Road) OCTA, CA**
- **I-5 HOV Improvement Project (between Avenida Pico and Avenida Vista Hermosa), OCTA, CA**
- **Orangethorpe Avenue and Tustin Avenue/Rose Drive Railroad Grade Separation, OCTA, CA**

Lisette Bice, PE, QSD, ENV SP

Project Manager, Civil Engineering

ARDURRA

YEARS AT ARDURRA

5 years

YEARS OF EXPERIENCE

20 years

EDUCATION

BS, Civil Engineering, California State University, Long Beach

REGISTRATIONS

PE, Civil Engineering, CA #83157, California

Qualified SWPPP Developer (QSD); Qualified SWPPP Practitioner (QSP) #83157

Lisette is a dedicated Civil Engineer highly skilled in all phases of public works engineering projects. Lisette's expertise includes planning and design of streets, right-of-way engineering, pedestrian and cyclist safety improvements, grading, sewer, water and storm drains, preparing erosion control plans, SWPPP and permitting. As project manager, she has been responsible for the preparation of street rehabilitation plans and drainage improvements for numerous cities throughout Los Angeles Orange Counties. She successfully completes projects within budget and on schedule.

Relevant Experience

Market Street Complete Streets, (LA River to Cherry Avenue) FTIP #LAF7615, Long Beach, CA

Ardurra is providing engineering and design services for a Complete Street Project on Market Street between the LA River and the eastern City limit just east of Cherry Avenue. The project consists of complete street improvements, including the removal of a drive lane to accommodate Class II bike lanes, intersection bulbouts, wayfinding signage, sidewalk widening, crosswalk and transit stop enhancements, construction/reconstruction of curb ramps for ADA compliance, sidewalk, and driveway repair, reconstructing/ resurfacing roadway pavement, pedestrian lighting, signal modifications, landscaping and street trees, and storm drain improvements.

Cabot Rd., Muirlands Blvd., and Melinda Rd. Pavement Rehabilitation, Mission Viejo, CA

Ardurra is providing pavement rehabilitation to portions of Cabot Road, Muirlands Boulevard, and Melinda Road. The pavement rehabilitation portion of the project consisted of the removal and replacement of deficient AC pavement, curb, gutter, driveway aprons, curb ramps and sidewalk, followed by crack sealing, full-width (Muirlands only) and header-cut cold-milling, a 1.5" asphalt rubberized hot mix (ARHM) overlay, adjustment of utility covers, replacement of traffic signal detector loops, and re-striping. The pavement rehabilitation was divided into two separate projects and plan sets: (1) Cabot Road and Muirlands Boulevard; and (2) Melinda Road.

- **Moreno Valley Pavement Restoration, Eastern Municipal Water District, CA**
- **Pedestrian Accessibility Improvements Design, Long Beach, CA**
- **Plaza del Amo at Western Mobility Enhancement, T-177, Torrance, CA**

Eli Farah, PE

Project Engineer, Civil Engineering

ARDURRA

YEARS AT ARDURRA

3 years

YEARS OF EXPERIENCE

10 years

EDUCATION

BS, Civil Engineering, University of Damascus, Damascus, Syria

REGISTRATIONS

PE, Civil Engineering, CA #90120, California

LOCATION

Newport Beach, CA

Eli has 10 years of experience in design and production, including but not limited to geometric design and development of major highways, local streets, and bicycle and pedestrian facilities. In addition to providing quality content for PS&E packages with timely delivery and within budget constraints, Eli has worked on a variety of civil engineering projects focusing on the planning and final design of major transportation projects in compliance with local, state, and federal standards and procedures.

Relevant Experience

Pechanga Traffic Control Plans, Rancho California Water District, CA

Design engineer for the design of traffic control plans for approximately 330 lineal of waterline. The traffic control plans consist of thee phases per MUCTD and WATCHBOOK.

Valley View Drive Traffic Control Plans, Running Spring Water District, CA

Design Engineer for the design of traffic control plans for approximately 115 lineal of waterline crossing Caltrans Highway. The traffic control plans consist of two phases, and two detour plans per MUCTD and WATCHBOOK.

Sewer Manhole Monitoring Program, Los Angeles County, CA

Design Engineer for the design of traffic control plans for over 150 locations in Los Angeles County to perform monitoring for existing sewer manholes. The traffic control plans were prepared per MUCTD and WATCHBOOK.

Fourth Street Storm Drain Project, Ontario, CA

Project Engineer responsible for providing final design and construction plans for approximately 4100 lineal feet of storm drain from El Dorado and Fifth Ave to Corona Avenue and Fourth Street, including plan, profile, and utility research. In addition to providing quantities take-off, specifications, and final cost estimates.

North Hill Avenue Complete Streets Project, Pasadena, CA

Design Engineer for providing final design and construction plans that include demolition, layout, signing, and striping plans for street improvements that include two new roundabouts, bulb-out, sidewalks, curb and gutter, curb ramps, and driveways. In addition to providing quantities take-off and final cost estimates.

Jose Hernandez, PE, QSD/P

Project Manager, Civil Engineering

ARDURRA

Jose began his successful career as an intern for Caltrans District 12 while completing his undergraduate degree at California State University of Pomona in Pomona, CA. Jose has most recently served as Senior Project Manager, responsible for overseeing projects of varying size and complexity through design, permitting, and construction. He has provided his expertise to clients, including the Port of Long Beach and the Cities of Long Beach, Anaheim, La Habra, Rialto, Santa Clarita, Ontario, and Palmdale. Jose's accomplished projects have won ASCE and APWA Project of the Year awards.

YEARS AT ARDURRA

3 years

YEARS OF EXPERIENCE

25 years

EDUCATION

MBA, California State University, Long Beach

BS, Civil Engineering, California State University, Pomona

REGISTRATIONS

Professional Engineer: CA (#68384)

Relevant Experience

On-Call Civil Engineering – Street Design/Rehabilitation Projects, Long Beach, CA.
Ardurra staff has prepared PS&E for more than $16 million in improvements since 2009 and continues to work with the City. The projects encompass roadway, storm drain, parking lot improvements, traffic, lighting, and landscape improvements, design of more than 250 ADA-compliant curbs and ramps, and focused on many of the major roadways within the City. Ardurra staff has consistently provided the City with well-designed projects facilitating smooth construction.

As-Needed Engineering Design Services for Various CIP Projects, Brea, CA
The project manager is responsible for providing as-needed design and civil engineering services for the City's capital improvement projects, including street improvements, traffic safety enhancements, water improvements, storm drain improvements, sewer improvements, facility improvements, and community facility district improvements. Projects to date include design services for the Country Lane Street Rehabilitation CIP 7323 project and a Feasibility Study for the Berry Street Sidewalks CIP 7324 project.

On-call Civil Engineering Services for Various Public Works Projects, La Habra, CA
Project manager and QA/QC for providing professional engineering services on an as-needed basis in support of the La Habra Engineering Division on various Public Works Department projects for the FY 2017-2021. Typical projects that Ardurra has worked on include residential street rehabilitation; intersection widening; curb, gutter, and sidewalk replacement; storm drain improvement; and waterline upgrades.

Subconsultant Resumes

Anissa Voyiatzes, PE, QSD, ENV SP

Principal, Civil Engineering

ARDURRA

Anissa has 28 years of experience in civil engineering planning, design, program and project management for transportation and public works facilities. These projects have included bikeways, roadway widening, rehabilitation, ADA compliance evaluation and improvements, Complete Streets, Green Streets, roundabouts, and streetscape projects, utility engineering, site grading, traffic engineering, flood control facilities, drainage systems, sewer and water systems, parking lots and retaining walls. Anissa specializes in public works engineering projects that incorporate sustainable design practices.

YEARS AT ARDURRA

4 years

YEARS OF EXPERIENCE

29 years

EDUCATION

BS, Civil Engineering, California State University, Chico

REGISTRATIONS

Professional Engineer: CA (#57710)

Envision Sustainability Professional

Qualified SWPPP Developer

Relevant Experience

North Hill Complete Streets Project, Pasadena, CA
Senior project manager performing PS&E and public outreach. Ardurra provided the design of two residential intersection roundabouts for calming traffic on North Hill Avenue at East Topeka Street and East Elizabeth Street. The project includes roundabouts, bulb-outs, curb ramps, street lighting, signing and striping, parkway and private property improvements, and roadway rehabilitation. The project involves project management, public outreach, utility coordination, preliminary design, and final PS&E.

Doheny Village Connectivity Improvement Project, Dana Point, CA
Senior Project Manager responsible for engineering and design services for a Complete Streets project on Doheny Park Road and Coast Highway. The project consists of street improvements, including pedestrian ADA and pathway improvements, a new storm drain system, reconstructing/ resurfacing the roadway, traffic and pedestrian level lighting, traffic engineering, landscaping, bluff debris barrier system, sustainable design features for improved mobility and safety, and extensive stakeholder coordination including Caltrans.

- **Market Street Pedestrian and Streetscape Enhancements Project (LA River to Cherry Avenue), Long Beach, CA**
- **North Spring Street Bridge Improvements and Viaduct Widening, Los Angeles, CA**
- **Long Beach Pedestrian Accessibility Improvements Design, CA**
- **ADA Ramp Program, Long Beach, CA**

Andrea Mosqueda, PE

Project Engineer, Civil Engineering

ARDURRA

Andrea has five years of experience in civil engineering. Her experience includes preparing engineering reports related to civil site improvements, storm drainage, utilities, roadways, bikeways, sanitary sewer collection systems, and soundwalls; preparing project concepts through final PS&E; conducting hydrologic and hydraulic analyses using approved methodologies; solving design problems using engineering calculations and following general design standards; and coordinating with municipal agencies, subconsultants, and clients as necessary. She is proficient in multiple engineering software programs including ArcGIS, AutoCAD Civil 3D, HEC-RAS, SAP2000, STAAD, WMS, and XPSWMM.

YEARS AT ARDURRA

3 years

YEARS OF EXPERIENCE

6 years

EDUCATION

MS, Civil Engineering, Structural, California State University, Long Beach

BS, Civil Engineering, Stanford University

REGISTRATIONS

Professional Engineer: CA (#93376)

Relevant Experience

ADA Ramps Packages 1, 2, 3, 4, and 5, Long Beach, CA
Design engineer for the design of more than 150 ADA ramps within the City of Long Beach. The Project included field walks and condition assessments. The Project involved coordination with the City and residents. Non-standard designs were utilized in areas with severe utility conflicts.

North Hill Complete Streets Project, Pasadena, CA
Design engineer for the design of roadway and pedestrian facility improvements along North Hill Avenue at Topeka Street and Elizabeth Street. The project has included roundabouts, bulbouts, ADA ramps, and new signing and striping. As part of this design, the project has involved significant coordination with the City of Pasadena, the local fire department, and the design team.

Plaza del Amo at Western Mobility Enhancement, T-177, Torrance, CA
Project designer for the Street Improvements for Plaza Del Amo in the City of Torrance. The project consisted of widening the existing roadway, which involved pavement design, the relocation of an existing drainage inlet, and development of a drainage study.

Sultana Avenue Storm Drain, Ontario, CA
Project engineer supporting project management, design services, and coordination with the project team and the City of Ontario for the Sultana Avenue Storm Drain project. Street improvements included replacement of curb, gutter, rolled curb, and special rock curb; full depth pavement replacement and cold mill and overlay; ADA ramps; cross-gutters; and sidewalk and driveway replacement. Significant coordination with utilities was required including Southern California Gas, Metropolitan Water District, and others.

Jocelyn Shih, EIT

Project Designer, Civil Engineering

ARDURRA

Jocelyn has worked with various programs including AutoCAD and Civil 3D. As an intern for Ardurra, Jocelyn gained civil engineering design experience while providing CAD and field support on various projects. Recently, Jocelyn has begun designing roadways and conducting drainage analyses.

YEARS AT ARDURRA

1 year

YEARS OF EXPERIENCE

1 year

EDUCATION

BS, Civil Engineering, California State Polytechnic University, Pomona

AREAS OF EXPERTISE

Design, Plans, Specifications, and Estimates (PS&E) for Transportation Projects

REGISTRATIONS

Engineer-in-Training: CA (#177257)

Relevant Experience

La Colina Drive and Browning Avenue Curb Ramps, Orange County Public Works, CA
Design engineer for 2D and 3D curb ramp design and roadway improvement. The project involves significant coordination with Orange County Public Works, Southern California Edison, and current residents.

TOS 8 Phase 3 Vision Zero Initiatives, LA Bureau of Engineering, CA
Design engineer for 2D and 3D curb ramp design and creating plan sheets to City of LA BOE standards. The Project consisted of the full design of 10 curb ramps. The Project involves coordination with Alta and City of LA.

Lincoln Avenue Widening, Anaheim, CA
Design engineer provided CAD and Project support for revamped road widening project. Responsibilities include updating plan sheets and coordinating with utility companies and subconsultants. The Project experienced major changes since last shelved, including changes in scope, staff, and existing conditions. The project involves significant coordination with the internal traffic team, architect, landscape architect, structural, and City electrical teams.

Design Build ADA Ramp Project, Long Beach, CA
Design engineer and intern collected existing ramp data and utilized AutoCAD for the preparation and design of construction plans. Project involved coordinating with the contractor to determine which ramps required design and designing 2D and 3D layouts to the City's satisfaction.

On-Call Civil Engineering, City of Long Beach, CA
The projects under this on-call contract have encompassed roadway, storm drain, parking lot, traffic, lighting, and landscape improvements and focused on many of the major roadways within the city.

Alexander Di, EIT

Project Designer, Civil Engineering

ARDURRA

Alexander (Alex) is a design engineer with a vast amount of civil and municipal engineering experience. Alex graduated from the University of Southern California in 2020 with a Bachelor of Science in civil engineering and in 2021 with a Master of Science in structural engineering. He has previously worked with several general contractors in estimating and project management, as well as municipal engineering and inspections.

YEARS AT ARDURRA

1 year

YEARS OF EXPERIENCE

3 years

EDUCATION

MS, Structural Engineering, University of Southern California

BS, Civil Engineering, University of Southern California

REGISTRATIONS

Engineer-in-Training: CA (#175222)

Relevant Experience

Market Street Pedestrian and Streetscape Enhancements Project, (LA River to Cherry Avenue), Long Beach, CA

Design engineer responsible for engineering and design services for a $10 million pedestrian and streetscape enhancement project on Market Street between the LA River and Cherry Avenue. The project consists of complete street improvements including Class II/IV bike lanes and other new bike/ pedestrian facilities, bulbouts, wayfinding signage, sidewalk widening, crosswalk and transit stop enhancements, construction/reconstruction of curb ramps for ADA compliance, repairing sidewalks, curbs, and gutters, reconstructing/ resurfacing roadway pavement, pedestrian lighting, traffic signal installation/upgrades, flashing beacons, landscaping, and street trees, removing/relocating obstructions and utilities, and miscellaneous sustainable design features for improved mobility and safety.

Long Beach ADA Ramps Design-Build Project, Long Beach, CA

Design engineer responsible for the design of non-standard curb ramps as part of the design-build team with the contractor, EBS General Engineering. Currently, the contract consists of over 250 ramps. Detailed field surveys and ramp designs and details were performed for each ramp location. In some instances, the ramp improvements extended beyond the ramp to correct localized drainage deficiencies.

Doheny Village Connectivity Improvement Project, Dana Point, CA

Design engineer responsible for engineering and design services for a complete streets project on Doheny Park Road and Coast Highway. The project consists of street improvements including, pedestrian pathway improvements, sidewalk widening, crosswalk, new storm drain system, ADA ramps, new sidewalks, curbs, and gutters, reconstructing/ resurfacing roadway pavement, traffic, and pedestrian lighting, landscaping, removing/relocating obstructions and utilities, and miscellaneous sustainable design features for improved mobility and safety.

Subconsultant Resumes

Courtney Semlow, PE, ENV SP, CFM

Senior Civil Engineer

craftwater engineering, inc.

Courtney is a Project Manager with 17 years of professional experience. She has provided comprehensive site design and project management for diverse projects, including 1,000-acre mixed use subdivisions and military installation infrastructure throughout the United States and abroad. Courtney is knowledgeable in all aspects of civil design, including erosion control, water resource management, and road design. She is capable of navigating complicated regulatory requirements, while producing cost-effective solutions that exceed client expectations. Another core area of her work focuses on water quality and stormwater pollution prevention by implementing environmentally sustainable stormwater management solutions, including infiltration basins, permeable pavement, and rain gardens.

YEARS OF EXPERIENCE

17 years

EDUCATION

BS, General Engineering, University of Illinois Urbana-Champaign,

REGISTRATIONS

Professional Engineer: CA; MA; VA

Envision Sustainability Professional (ENV SP)

Certified Floodplain Manager (CFM)

AREAS OF EXPERTISE

Civil Site Design

Hydraulics and Hydrology

Relevant Experience

Red Morton Community Park Stormwater Capture Project, Redwood City, CA

Craftwater is providing project management for the City of Redwood City to design a multi-beneficial regional stormwater capture practice at Red Morton Community Park. The project is anticipated to divert stormwater from an existing box culvert to a 43-acre-foot underground storage system set underneath existing soccer fields. The City and Craftwater have committed to providing a design that meets community desires and stormwater treatment requirements for this 1,650 acre drainage area.

Heartwell Park Stormwater Capture Project Feasibility Study, Long Beach, CA

Courtney designed 10% conceptual drawings for a regional stormwater capture practice adjacent to the Palo Verde Channel for submission to the Safe, Clean Water Program. A Pre-treatment unit will remove pollutants from runoff diverted from the Palo Verde Chanel runoff before the water is temporarily stored in a 7.5 ac-ft subsurface storage system. Additionally, a surface biofiltration basin will manage dry weather flows and provide a visual to the community of stormwater treatment practices.

- **Arroyo Seco-San Rafael Treatment Wetlands Project Feasibility Study, Pasadena and South Pasadena, CA**
- **Pasadena Storm Drain Master Plan and Watershed Assessment, CA**
- **Santa Fe Drive Bike and Pedestrian Improvements, Encinitas, CA**

Merrill Taylor, PE

Senior Civil Engineer

craftwater engineering, inc.

Merrill is a Water Resource Design Engineer providing support to federal, state, and municipal clients in the areas of hydrologic, hydraulic and water quality studies, storm drain and regional retention/infiltration facilities design, and PS&E development. He serves as project manager and technical lead for the research, design, and implementation of storm water management practices intended to mitigate flooding, restore natural waterways, and improve water quality, including multiple projects in the Los Angeles and San Diego Region. He also provides engineering support to municipal clients to ensure practicality during the development of watershed management plans and hydromodification management plans to support BMP/LID implementation.

YEARS OF EXPERIENCE

12 years

EDUCATION

MS, Civil and Environmental Engineering (Water Resources), Brigham Young University

BS, Civil and Environmental Engineering, Brigham Young University

REGISTRATIONS

Professional Engineer: CA (#81590)

AREAS OF EXPERTISE

Watershed hydrology and stormwater

Watershed runoff quality

Water quality modeling

Watershed management plan development

Relevant Experience

Boulevard Stormwater Infiltration and Retention, Culver City, CA
Merrill was the concept designer in the development of surface stormwater treatment solutions as well as optimization of a regional BMP located in an important community parkway. A variety of BMP configurations were explored, modeled, and optimized to present the City with a variety of options that were jointly assessed against community desires and project outcomes. Ultimate recommendations represent an optimization process that truly accounted for the best scientific and engineering options as well as client wishes and community needs.

Eagle Rock Boulevard: A Multi-Modal Stormwater Capture, Los Angeles, CA
Merrill prepared conceptual capture strategies for a regional stormwater capture project for consideration by the City of Los Angeles for submission to the Safe, Clean Water Program for funding. The project consists of a stormwater diversion from an existing City storm drain to a 5 acre-feet storage system beneath the proposed improved median and a second diversion on Alumni Avenue to a series of dry-wells beneath a proposed pedestrian plaza.

- **Arroyo Seco-San Rafael Treatment Wetlands Project Feasibility Study – Pasadena and South Pasadena, CA**
- **Caruthers Park Stormwater & Urban Runoff Capture, Bellflower, CA**
- **Lakewood Stormwater and Runoff Capture, Lakewood, CA**
- **Santa Monica Clean Beaches, Santa Monica, CA**
- **Adventure Park Multi-Benefit Stormwater Capture, County of Los Angeles, CA**

Subconsultant Resumes

Oliver D. Galang, PE, ENV SP, QSD/P, QISP

Principal, Civil Engineer

craftwater engineering, inc.

Oliver has more than 28 years of professional engineering experience in planning, design, construction, and program management of multi-million-dollar municipal capital improvement projects, specifically in water resources and stormwater infrastructure throughout southern California. He has extensive experience in the areas of water resources, stormwater and urban runoff management, water quality monitoring programs, flood management, and various types of green infrastructure.

YEARS OF EXPERIENCE

28 years

EDUCATION

Engineering Management Graduate Studies, California State Polytechnic University, Pomona

BS, Civil Engineering, California State University, Fullerton

REGISTRATIONS

Professional Engineer: CA (#56558)

Envision Sustainability Professional

Qualified SWPPP Developer

Qualified Industrial Storm Water Practitioner

Relevant Experience

Arroyo Seco – San Rafael Wetlands and Restoration Stormwater Capture Project, Pasadena and South Pasadena, CA
This project consists of the development of a Feasibility Study and 10% Design a regional stormwater capture project that incorporates creek restoration, natural treatment wetlands, and stormwater use for irrigation. The project is intended to address the Cities of Pasadena's and South Pasadena's water quality actions required under the Upper Los Angeles River Enhanced Watershed Management Program. Oliver was the Principal Engineer and was responsible for managing the development of the feasibility study, meeting with the Cities, stakeholders, and assisting the City with securing $5 Million in funding from the Safe, Clean Water Program.

Bellflower Water Capture Project at Caruthers Park, Phase I and II, CA
The project consists of a storm drain diversion structure, 7.5-acre-foot underground infiltration and storage facility, and pump station to the sewer and return flow to the storm drain. The project is intended to address the City of Bellflower's water quality actions stated under the Los Cerritos Channel Watershed and the Upper San Gabriel River Enhanced Watershed Management Programs. Oliver is leading the project development team and coordinating these efforts with the City Project Team and the LACFCD.

- **Carson Water Capture Project at Carriage Crest Park, Phase I and II, Sanitation Districts of Los Angeles County, CA**
- **Bolivar Park Water Capture Project, City of Lakewood Public Works Department, Lakewood, CA**
- **Mayfair Park Water Capture Project, City of Lakewood Public Works Department, Lakewood, CA**
- **Echo Park Lake Rehabilitation Project, Bureau of Engineering, Los Angeles, CA**

Gregory C. Ainsworth

Director, Natural Resources and Arboriculture

Greg has 23 years of experience in urban forestry and arboriculture. He is currently responsible for helping to manage the urban forests for Calabasas, Agoura Hills, and Thousand Oaks via as-needed contracts. In addition, Greg has provided forestry and arborist services to numerous other public agencies and private entities, including the Los Angeles County Department of Public Works, the City of Los Angeles, and LADWP. Greg has conducted tree studies in numerous cities and counties throughout central and southern California and had extensive experience conducting tree assessments, health risk assessments, tree appraisals, and providing expert witness testimony.

YEARS OF EXPERIENCE

23 years

EDUCATION

MA, Environmental Planning, California Polytechnic State University, San Luis Obispo

BS, Environmental Horticulture Science, California Polytechnic State University, San Luis Obispo

REGISTRATIONS

I.S.A. Certified Arborist (Cert. #WE 7473A)

I.S.A Qualified Tree Risk Assessor

Qualified Wetland Delineator Trained in California Rapid Assessment Method (CRAM)

Relevant Experience

Environmental and Air Quality On-Call, Los Angeles Department of Water and Power, CA

Gregory is the lead biologist on this on-call contract. He is responsible for providing QA/QC on all biology-related technical studies, environmental documents, and agency permit applications. Gregory assists LADWP on numerous task orders that include CEQA/NEPA, bird nest surveys, preparation of species avoidance plans and construction monitoring during, emergency response, Endangered Species Act Section 7 support, restoration planning, focused species surveys, technical studies, and Biological Resources Assessments.

LMD Zone 21 Tree Assessment and Maintenance Plan, Los Angeles County, CA

Gregory assessed the conditions and long-term maintenance needs of numerous trees and understory vegetation within LACDPW right-of-way. Greg prepared a cost and maintenance schedule based on the distribution of trees and understory vegetation and evaluated the overall health and condition of species, and identified areas required removal and replacement, as well as erosion control needs around residential neighborhoods.

- **Oak Tree Consultant, Agoura Hills, Los Angeles County, CA**
- **On-Call Environmental Services, Los Angeles County Department of Public Works, CA**
- **Consulting City Arborist, Thousand Oaks, CA**
- **Non-Potable Reuse Water Project, Pasadena Public Works Department, CA**
- **Sidewalks Improvement Project, Commerce, CA**

Subconsultant Resumes

Danielle T. Griffith, JD

Director, Environmental Planning and Sustainability

Danielle has over 20 years of progressively responsible experience in planning, environmental planning, environmental policy and analysis. Additionally, Danielle worked for environmental regulation and land use transactional law firms for several years. Danielle's experience includes working as a project manager leading large, interdisciplinary consultant teams in environmental planning efforts for a variety of residential, commercial, industrial and mixed-use land development projects throughout Southern California. She also has experience in developing long- and short-term plans for land use, growth and revitalization of urban, suburban, and rural communities. Additionally, she has written and reviewed a variety of environmental planning documents, including technical reports.

YEARS OF EXPERIENCE

20 years

EDUCATION

JD, Western State University College of Law

MA, Political Science, Specializing Public Policy, San Diego State University

BA, Political Science, Sonoma State University

REGISTRATIONS

Association of Environmental Professionals

Relevant Experience

Cornfield Arroyo Secco Specific Plan EIR, Los Angeles, CA

Danielle assisted the City in preparing an EIR in accordance with the California Environmental Quality Act (CEQA) for City-initiated, long-range planning activities that included general plan amendments and zone changes in the Cornfield Arroyo Seco Specific Plan (CASP) update. The CASP update refined development standards for all projects, particularly those related to housing development, and considered changes to the overall development intensity within the CASP area. The CASP EIR addressed both the development standards refinement and potential changes to development intensity.

City Trunk Line South Unit 3 IS/MND, Los Angeles Department of Water and Power, CA

As CEQA Project Manager, Danielle managed the preparation of an IS/MND for a two-mile trunk line replacement project in the community of North Hollywood – Valley Village area, Los Angeles. The project had the potential to have temporary construction impacts, including traffic impacts along Whitsett Avenue.

- **North Los Angeles/Kern Counties, Regional Recycled Water Project Program EIR and Phase II Antelope Valley Regional Recycled Water Project MND/EA, CA**
- **Sidewalk Improvement and Tree Reforestation Project ID/MND, Commerce, CA**
- **Foothill Trunk Line Unit 3 EIR, Los Angeles Department of Water and Power, CA**

Vanessa Villanueva

Senior Environmental Planner

Vanessa is responsible for preparing environmental and planning documents, assisting with public and private sector contract planning services, and providing technical impact analyses for a variety of projects. She has seven years of experience preparing and editing environmental analyses in accordance with CEQA and NEPA for infrastructure, housing and urban development, and long-range planning projects. Her recent experience includes projects located in the cities of Bell, Beverly Hills, Los Angeles, Long Beach, Pico Rivera, Santa Ana, Fontana, and West Hollywood.

YEARS OF EXPERIENCE

5 years

EDUCATION

BS, Environmental Science, University of California, Los Angeles

Relevant Experience

6th Cycle Housing Element New Policies & Programs IS-MND Addendum, Pico Rivera, CA

Vanessa is currently serving as the CEQA Project Manager for preparation of an IS-MND Addendum tiered off the original IS-MND that was prepared for the City's Housing Element Update (adopted in September 2022). The current project identifies 69 parcels with varying zones with the potential to accommodate the City's RHNA as part of the Housing Element Update. To meet the RHNA, City staff created a R-40 Overlay Zone that would allow up to 40 units per acre and would not change the existing underlying zone.

1000 North La Brea Avenue EIR, West Hollywood, CA

Vanessa is currently serving as Project Manager for an EIR for the demolition of a commercial building and concrete batch plant for construction and operation of a new 34-story mixed-use residential and commercial building with 514 apartment units; 30,000 square feet of commercial/retail use on the ground floor; and a total of 667 parking spaces. The project would also integrate seven billboards with varied dimensions throughout all facades of the building. Vanessa is managing a team of analysts for preparation of the Public Review Draft EIR, which is currently underway and scheduled for release in by Spring 2024.

- **6th Cycle Housing Element New Policies & Programs IS-MND Addendum, Pico Rivera, CA**
- **On-Call Environmental Services for the Los Angeles County Development Authority CA**
- **On-Call Environmental Review Services for the Housing Division, Santa Ana, CA**
- **Westview Housing Project IS-MND, Santa Ana, CA**

Subconsultant Resumes

Shannon Carmack

Principal, Architectural Historian

Shannon has more than 21 years of professional experience providing cultural resources management and historic preservation planning for large-scale and high-profile projects. She has worked throughout California in numerous sectors including local planning, development/construction, public utilities, Department of Defense, transportation, recreation, and education. Shannon prepares documentation to satisfy CEQA/NEPA, Section 106, and Local Historic Preservation Ordinances. She also provides reports and studies that are in compliance with the Secretary of the Interior's Standards for the Treatment of Historic Properties and the California Historic Building Code.

YEARS OF EXPERIENCE

21 years

EDUCATION

BA, History, emphasis in American History, California State University, Long Beach

AA, Anthropology, Orange Coast College

REGISTRATIONS

Green Strategies for Historic Buildings, National Preservation Institute

CEQA Workshop Training, AEP

Oral History Methods, CSU Long Beach

Identification and Evaluation of Mid-20th Century Buildings, National Preservation Institute

Section 4(f) Cultural Resources Compliance for Transportation Projects, National Preservation Institute

Relevant Experience

Cultural Resources Assessment for the Reseda Riverloop Greenway Project, Los Angeles, CA

Shannon is currently serving as Principal-in-Charge for the Cultural Resources Assessment for the Reseda Riverloop Greenway Project, which is subject to Section 106. The assessment includes the delineation of an Area of Potential Effects (APE), review of a previously conducted search of the California Historical Resources Information System (CHRIS), a search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF), Native American consultation, archival and background research, and a cultural resources field survey and builds on the findings of the Cultural Resources Assessment Report for the Los Angeles Bikeway and Greenway Project.

Los Angeles River and Bikeway Project, Bureau of Engineering, CA

Rincon was retained conduct cultural and biological resource studies for the Los Angeles Bikeway and Greenway Project, Segments 1 and 2 and the United States Army Corps of Engineers served as the lead federal agency. All studies were prepared in compliance with CEQA, NEPA and Section 106. The project proposed construction of a bikeway and greenway along approximately three miles of the Los Angeles River. The assessment included the recordation and evaluation of several historic period bridges and a historic period park, an assumption of eligibility for the Los Angeles River, and an assessment of effects in accordance with Section 106.

- **Rail to River Active Transportation Corridor, Los Angeles, CA**
- **West Santa Ana Branch Line EIR/EIS Technical Studies, Los Angeles County, CA**
- **Alameda Corridor-East San Gabriel Trench Project Cultural Resources Services, Los Angeles County, CA**

Ryan Thacher, PhD, PE

Senior Environmental Engineer

Dr. Thacher is an environmental engineer with over 13 years of experience in developing strategic, creative solutions to complex environmental issues in support of redevelopment projects throughout California. He provides senior level technical and regulatory support to Rincon's environmental due diligence team, environmental land use and community planning team, and oversees a wide variety of site assessment and remediation projects. Based out of Rincon's Los Angeles office, Ryan supports public agencies and private clients with site assessment, remediation, and technical studies in support of housing, water infrastructure, transportation, open space, and commercial redevelopment projects.

YEARS OF EXPERIENCE

13 years

EDUCATION

PhD, Environmental Engineering, University of Southern California

BS, Chemical Engineering, University of California, Santa Barbara

REGISTRATIONS

Professional Engineer: CA (#87757)

Relevant Experience

Los Angeles River Ecosystem Restoration Phase I Environmental Site Assessments, CA

Overseeing the implementation of Phase I ESAs at 11 parcels along the 11-mile Reach 6 of the Los Angeles River for potential acquisition in support of the Los Angeles River Ecosystem Restoration project. Developed a template to report on all 11 parcels within a single, written deliverable.

Los Angeles Department of Public Works Bureau of Sanitation, Slauson Corridor Area-Wide Assessment, CA

Oversaw the comprehensive Area-Wide Assessment for affordable housing subareas in the Slauson Corridor Transit Neighborhood Plan. The project team prepared a GIS data package and accompanying report analyzing 876 properties for potential environmental issues that may require further investigation and ranked sites by redevelopment potential to support the determination of future developmental feasibility of the study area.

Housing Authority of Los Angeles, Environmental Assessment and Regulatory Compliance for the Jordan Downs Redevelopment Project, CA

Oversaw the completion of multiple Phase I ESAs and Phase II ESAs, hazardous building material surveys, and a post-rough grading soil assessment to confirm that subject sites were suitable for residential redevelopment; supported with environmental construction compliance during excavation and grading activities.

- **Housing Authority of Los Angeles, Rancho San Pedro Environmental Impact Report (EIR)-Environmental Impact Study (EIS), CA**
- **Norwalk Transit Village Center Brownfield Redevelopment, CA**

Subconsultant Resumes

Kim Avila, AICP, ENV SP

Principal, Transportation Environmental Planning

Kim Avila, a certified planner since 1999, has been the project director or project manager for numerous environmental impact reports (EIRs), environmental impact statements (EIS), negative declarations, categorical exemptions, as well as categorical exclusions, and findings of no significant impacts. Kim has prepared National Environmental Policy Act/ California Environmental Quality Act (NEPA/CEQA) documents for the California Department of Transportation (Caltrans)/ Federal Highway Administration (FHWA), Federal Railroad Administration (FRA), and Federal Transit Administration (FTA) compliance. Her technical expertise includes joint NEPA and CEQA documents, Caltrans/ FHWA and FTA technical reports, Environmental Justice, Section 4(f) resources, Socioeconomic topics including community impact analyses, and visual resource analysis.

YEARS OF EXPERIENCE

30 years

EDUCATION

MA, International and Public Affairs, Columbia University

BA, Government, Harvard University

Demographics, University of Edinburgh

REGISTRATIONS

American Institute of Certified Planners, (#015226)

Envision Sustainability Professional

Relevant Experience

Citywide Sidewalk Repair Program, City of Los Angeles Bureau of Engineering, CA

Under a previous employer, Kim initially served as project manager for this citywide program and project EIR. She developed the project definition of this 30-year repair and tree removal project. Kim developed the methodology for the program and project analysis in concert with key staff for biology and tree removal impacts, hydrology, and aesthetics. As project director, Kim was responsible for the performance of the project with regard to legal adequacy, schedule and budget.

On-Call Professional Engineering Design Services, Antelope Valley Balboa Siding Extension Project Services, Los Angeles, CA

Under a previous employer, Kim served as environmental lead for the studies and field work outlined in the MMRP for the Project. The Balboa Double Track Extension Project would extend the existing double track approximately 6,300 feet north from Balboa Boulevard to Sierra Highway in the City of Los Angeles. Key studies included methane testing, protocol-level surveys for least Bell's Vireo and Coastal California Gnatcatcher, habitat assessment, aquatic resources delineation, bat roosting surveys, bat maternity surveys, and a tree survey. A paleontological resources impact monitoring plan and cultural resources monitoring plan were both prepared.

- **CEQA/NEPA On-Call Environmental Support Services, Environmental Compliance and Sustainability Department, Los Angeles, CA**
- **On-Call Professional Engineering Design Services, SCORE PMC Services, Los Angeles, CA**

Brenna Vredeveld

Supervising Biologist/Program Manager

Brenna has over 15 years of experience managing projects for local, State, and federal agencies across southern California and is experienced in ecosystem monitoring and reporting, federal and local regulatory processes, compliance requirements for biological resources on construction projects, California Environmental Quality Act, National Environmental Policy Act, Endangered Species Act, and Clean Water Act. She oversees preparation of complex technical reports and agency permitting packages; manages environmental compliance monitoring; and coordinates with regulatory agencies on behalf of clients. She advises clients on developing the most appropriate biological resources assessment, permitting, and mitigation strategies for their projects. She also performs technical quality assurance/ quality control of biological resources deliverables.

YEARS OF EXPERIENCE

15 years

EDUCATION

MESc, Yale University, The School of Forestry and Environmental Studies

BA, Environmental Studies, Wellesley College

Professional Certificate in Spanish/English Translation, UC San Diego Extension

REGISTRATIONS

Member, Association of Women in Water, Energy, and the Environment

Member, Association of Environmental Professionals

Relevant Experience

North Atwater Non-motorized Multimodal Bridge Project, Los Angeles, CA
Brenna served as the Project Manager responsible for writing the Biological Resources Assessment for this pedestrian, bicycle, and equestrian bridge over a soft-bottom portion of the Los Angeles River. She collaborated closely with the City of Los Angeles Bureau of Engineering, the construction contractor, and project design team to facilitate implementation of permit conditions and provided guidance on regulatory agency communication. She coordinated directly with the CDFW on behalf of the City regarding project compliance with that permit. She also managed post-construction reporting and restoration activities including re-planting of the temporary impact area and restoration monitoring to meet agency requirements and established success criteria.

Los Angeles Citywide Housing Element 2022-2029 Update Environmental Impact Report, CA
Brenna prepared the Biological Resources sections of the Initial Study-Mitigated Negative Declaration and Environmental Impact Report for the Housing Element Update, including specific regulatory measures and mitigation requested by the City to address potential impacts to biological resources at a programmatic level of analysis.

- **Landslide Access Modernization Program, Los Angeles World Airports, CA**
- **Biological Resources Studies, Arborist Services, and Regulatory Guidance, Santa Clarita Valley, Los Angeles County, CA**
- **County of Los Angeles Significant Ecological Area (SEA) Biological Resources Surveys and Analyses, CA**

Subconsultant Resumes

Josh Carman, INCE-USA

Director, Noise, Air Quality & GHG

Josh has over 20 years of experience in the field of acoustics and air quality and has participated in the environmental review and monitoring process for a wide variety of projects in California, Washington, Nevada, and New York. Josh prepares noise, air quality, greenhouse gas, and community health risk assessments for environmental impact studies (CEQA/NEPA) and technical studies using federal, state, and local guidelines and methodology. His experience includes complex project- and program- level analyses of general plan updates; specific plans; mixed-use development; traffic, transit and rail; vibration-sensitive; industrial; infrastructure, utilities, and telecommunications; long-term and remote construction noise and vibration monitoring; and underwater construction (e.g., pile driving) projects.

YEARS OF EXPERIENCE

22 years

EDUCATION

BA, Environmental Studies, University of California, Santa Cruz

REGISTRATIONS

SoundPLAN (2018), Navcon Engineering, Fullerton, California

US EPA AERMOD (2015), Lakes Environmental, Las Vegas, Nevada

FHWA – Traffic Noise Model 2.5 (2011), Bowlby & Associates, Inc., Brentwood, Tennessee

Noise Control for Buildings, Manufacturing Plants, Equipment and Products (2008), Hoover & Keith, Houston, Texas

Relevant Experience

One San Pedro Specific Plan EIR/EIS, Los Angeles, CA
The project involves the adoption of a specific plan to guide redevelopment of the Rancho San Pedro public housing complex, services, amenities, and programming for the project site. The project site consists of two locations in the community of San Pedro in the southwestern-most portion of the city of Los Angeles. These locations include approximately 20 acres that comprise the One San Pedro Specific Plan Site and an approximately 0.6-acre site located at 319-327 North Harbor Boulevard. Josh oversaw the review and incorporation of the findings from the Noise Study into the EIR/EIS and developed mitigation for operational recreational noise impacts.

9600 Wilshire Boulevard Specific Plan, Beverly Hills, CA
Josh is overseeing the preparation of the noise assessment for the 9600 Wilshire Boulevard Specific Plan. The Specific Plan would apply to an approximately four-acre (net) site located south of Wilshire Boulevard, between Bedford Drive to the west and Camden Drive to the east, adjacent to the southwest neighborhood of the City of Beverly Hills. The Specific Plan proposes a mix of uses and includes the historic Saks building. Mitigation measures were recommended to reduce or avoid impacts from construction noise and construction vibration, including at the historic resources.

- **Addendum to the Heritage Road Bridge Replacement Project Noise Study, Chula Vista, CA**
- **Tapia Ranch/Project No. R2012-02667/Vesting Tentative Tract Map No. 072126, Los Angeles County, CA**
- **California High-Speed Rail Program EIR**

Heather Dubois

Senior Air Quality and Noise Specialist

Heather is a Senior Air Quality and Noise Specialist with Rincon's Environmental Planning and Sustainability group. She has over 21 years of experience in the environmental field with 17 years focused on air quality impact analysis, including health risk assessments and global climate change impacts in compliance with NEPA and CEQA processes and regulations. She has a wide range of environmental experience, including air and noise monitoring, air and soil testing, and composition of complex planning documents that require comprehensive knowledge of land use planning, transit and transportation planning, and environmental planning.

YEARS OF EXPERIENCE

21 years

EDUCATION

MBA, Clarkson University

BS, Biology, Clarkson University

BS, Chemistry, Clarkson University

Relevant Experience

One San Pedro Specific Plan, Los Angeles, CA
Preparing the air quality, Health Risk, and greenhouse gas analysis in support of a joint Environmental Impact Report/Environmental Impact Statement for the One San Pedro Specific Plan. The analysis the analysis includes the determination of the appropriate GHG threshold and a construction health risk assessment. The staged development has the potential for construction activities to not only impact nearby existing sensitive receptors but to also impact the new residences onsite as the development occurs in phases. The analysis will use AERMOD to determine the potential for the construction activities to impact both the current offsite receptors as well as new sensitive receptors.

Westside Purple Line Extension Project, Los Angeles, CA
Preparing an updated emissions inventory and health risk analysis for Section 2 of the Westside Purple Line Extension Project. The analysis will evaluate both the localized emission as well as the potential health risk for sensitive receptors in the vicinity of the expansion activities. Localized as well as health risk will be conducted using dispersion modeling through the AERMOD model.

Rose Bowl Music Festival, Air Quality and Greenhouse Gas Analysis, Los Angeles County, CA
Conducted the air quality and greenhouse gas analysis for the Rose Bowl Music Festival. The project analyzed the impacts of hosting a 3-day music and arts festival at the Rose Bowl Stadium complex.

- **Del Mar/Los Robles Condominium Project, Los Angeles, CA**
- **333 South La Cienega Project, Los Angeles CA**
- **Mariners Village Renovation Project, Los Angeles, CA**

Subconsultant Resumes

Jesse McCandless

Noise Specialist

Jesse has over 10 years of experience in the field of noise monitoring, environmental noise analysis, and acoustics. He has experience preparing CEQA/NEPA assessments for general plan updates, specific plans, mixed-use development, industrial, utilities, and transportation projects. In addition, Jesse has extensive experience with long-term and remote construction noise monitoring, special events and concert noise monitoring, municipal code compliance studies, and Title 24 acoustical studies. He is proficient in the use of the FHWA's Traffic Noise Model (TNM) and SoundPLAN and is certified for SCAQMD Rule 403 fugitive dust control monitoring, and OHSA 10-hour and 30-hour construction industry outreach.

YEARS OF EXPERIENCE

10 years

EDUCATION

BS, Environmental Science, California State University, Channel Islands

REGISTRATIONS

Rule 403 – South Coast Air Basin Fugitive Dust Control Training

OSHA 10-Hour: Construction Industry Outreach Training

OSHA 30-Hour: Construction Industry Outreach Training (IACET CEU=3.0)

Relevant Experience

9th & Vineyard Development Project, Rancho Cucamonga, CA
Jesse is currently preparing the EIR noise section for the proposed 9th & Vineyard Project. The project would involve construction of three warehouse buildings totaling 982,096 square feet. Jesse is modeling project noise sources in SoundPLAN to estimate noise levels at sensitive receptors. The project would introduced heavy-duty truck traffic in a residential neighborhood, and Jesse is developing effective mitigation measures to reduce potential project noise impacts.

Vaca-Dixon BESS Project, Solano County, CA
Jesse is currently preparing the environmental noise study for a proposed battery energy storage system (BESS) project in unincorporated Solano County. The noise study analyzes potential noise and vibration impacts associated with the construction and operation of the project. Jesse modeled project operational noise levels using SoundPLAN for comparison with the County's exterior noise standards. Mitigation measures are recommended to reduce the project's operational noise impacts at nearby residences.

Herndon Avenue Widening Project, Clovis, CA
Jesse is preparing the noise study for the proposed Herndon Avenue Widening Project. Jesse conducted noise monitoring to collect short- and long-term noise data to document existing ambient noise levels in the project area. Jesse utilized the FHWA TNM model to estimate project noise levels at nearby sensitive receptors for comparison with the City's noise standards.

- **South Orange County Reliability Enhancement Project, Orange County, CA**

D. Subconsultants

Through our team, the City of Pico Rivera will have access to the wide range of technical experts for this on-call. As an active transportation specialist firm, Alta regularly forms multi-disciplinary teams with subconsultants. Alta will prepare and execute subcontract agreements that articulate deliverable work products and link them to milestones over the duration of the contract period.

Vincent Hellens, ENV SP, QSD/P will serve as the Principal-in-Charge and oversee overall quality control throughout the on-call contract. **Ashley Haire, PhD, PE, ENV SP** will serve as Contract Manager and be the City's main point-of-contact. Ashley will craft expert teams to fit the needs of each task order and draft from our experienced bench of key leads. In addition to our key staff, we have a deep bench of technical staff and subconsultants to meet the comprehensive scope of services needed by the City.

The table below shows our proposed subconsultants and the services they provide to the team.

Service Category	Alta	Ardurra	Arellano Associates	Coast Surveying	Craftwater Engineering	DKS	GMU	Monument	Rincon Consultants
A Project Management	●								
B Community Outreach	●		●						
C Preliminary Engineering and Planning Studies	●	●			●	●	●		
D Surveys, Mapping and Field Reviews				●					
E Environmental Studies and Documentation									●
F Utility Research and Coordination		●						●	
G Right of Way Phase and Determination				●				●	
H Design	●	●			●	●	●		
I Construction Phase Authorization	●	●							
J Bid Support Services	●	●							
K Construction Support Services	●	●							
L Grant Administration	●	●							
M Prior Rights Expertise								●	

Ardurra's core service areas include public works/civil planning, design, construction management, and inspection; water/wastewater planning design, construction management, and inspection; environmental; land development; emergency management; structural engineering; survey; as well as public outreach, plan review, and plan check, code compliance enforcement, labor compliance, and grant administration.

The Public Works Division of Ardurra specializes in project delivery for local municipalities throughout California. Their clients benefit from successful projects, attentive service, well-managed budgets, and thoroughly satisfied stakeholders because they work with local and regional agency staff. This close working relationship develops collaboration with community and business stakeholders and partners effectively with state and federal regulatory agencies. Local agencies get their unique management approach, which carefully monitors program effectiveness and closely tracks work quality and cost.

LEGAL NAME	ADDRESS	PHONE
Ardurra Group, Inc.	1960 E Grand Ave, Suite 300 El Segundo, CA 90246	(310) 359-1203

Arellano Associates (AA) is a professional services consulting firm specializing in communications and public outreach, community and government relations, and strategic planning and marketing programs. For 30 years, AA has served many of Southern California's most important public programs, including transportation, public safety, sustainability, planning, infrastructure improvement, and other energy and water-related projects. Their team of professionals provides comprehensive communications and planning services for the full spectrum of public projects from planning to construction or implementation. AA is a Limited Liability Corporation and is woman-owned and minority-owned. AA is a certified Small Business-owned (SBE) and Disadvantaged Business Enterprise (DBE).

AA believes positive change is possible in communities that are informed and engaged. AA has made it its mission to provide the most innovative and culturally-fluent outreach that collaboratively engages stakeholders and decision makers to support intentional, equitable, and inclusive community engagement. AA's understanding and appreciation for stakeholder diversity – along with bringing forward the latest innovations in outreach – enables us to work together with clients toward achieving their goals.

LEGAL NAME	ADDRESS	PHONE
Arellano Associates, LLC	5851 Pine Ave, Suite A, Chino Hills, CA 91709	(909) 627-2974

COAST SURVEYING
LAND SURVEYING AND MAPPING

Coast Surveying, Inc. (Coast) specializes in surveying, mapping, aerial photogrammetry, and right-of-way mapping. Approximately 95% of the firm's work is for public agencies throughout Southern California. Coast is certified DBE, SBE, and MBE.

Coast has built a solid reputation by consistently performing quality services, responding immediately to client requests, and delivering timely and budget-sensitive projects. From quality control checks at every stage of every project, from initial scope review and cost estimating, through field surveying and the generation of deliverables, to final invoicing Coast employs proven project control methods for both field surveys and office tasks.

Coast has supported numerous clients on project sites, and depending on the requirement's urgency, survey crews' mobilization has occurred within 24 hours of the 'notice to proceed.' Through their experience, Coast has found that no single surveying task is the same as another, so they allow the flexibility to adapt methods and quality controls to fit each challenge.

LEGAL NAME	ADDRESS	PHONE
Coast Surveying, Inc.	15031 Parkway Loop, Suite B Tustin, CA 92780-6527	(714) 918-6266

craftwater™ engineering, inc.

Craftwater Engineering, Inc., is a California certified Disabled Veteran Owned Business Enterprise (DVBE) and Micro Business (MB) structured to deliver agile, full-spectrum service to the stormwater market. Craftwater serves the stormwater market by shaping practical regional stormwater policy, strategically planning investments in green infrastructure, and delivering innovative multi-benefit project designs and feasibility studies that are competitively aligned with funding sources. They strive to provide meaningful environmental outcomes with affordable and functional water infrastructure to California and beyond.

Craftwater's business model was intentionally designed to provide our municipal clients with trusted consultation across the full spectrum of stormwater program management—starting with watershed science and regulatory fluency; to strategic, implementation-oriented compliance planning; to capital project design and construction support; to project and watershed performance monitoring and reporting. Thoughtful monitoring and reporting then provides an essential feedback loop to inform regional adaptations in watershed science that help clients actively steer regulatory conversations and make informed implementation decisions.

LEGAL NAME	ADDRESS	PHONE
Craftwater Engineering, Inc.	11026 Caminito Vista Pacifica San Diego, CA 92131	(213) 598-4178

DKS

DKS Associates (DKS) is an employee-owned consulting firm that provides specialized transportation planning, design, and engineering services to public agencies. The firm's professional staff members leverage technology and innovation to advance integrated, functional, and implementable solutions to help clients meet transportation challenges while building safer and more efficient communities that offer a variety of transportation options. DKS provides expert services in multimodal transportation analysis, planning, and engineering; intelligent transportation systems (ITS); pedestrian and bicycle planning and design, and transit planning and design.

LEGAL NAME	ADDRESS	PHONE
DKS Associates	2401 E. Katella Avenue, Ste. 425 Anaheim, CA 92806	(657) 284-2620

GMU

Established in 1967, GMU has built a long reputation as a trusted consultant for some of the most challenging and recognizable projects located throughout Southern California. GMU approaches each project with the objective of developing innovative geotechnical and pavement engineering solutions. It is their goal to find cost-effective and implementable solutions to keep projects on-time and on-budget.

Their team includes highly qualified professional engineers, geologists, and engineering technicians with experience in all phases of pavement engineering, geotechnical engineering, engineering geology, and materials testing. Their engineering technicians hold certifications from Caltrans, American Concrete Institute (ACI), International Code Council (ICC), and County of Orange. GMU's in-house laboratory is approved by the California Department of Transportation (Caltrans), AASHTO Materials Reference Lab (AMRL), the County of Orange, and other public agencies.

LEGAL NAME	ADDRESS	PHONE
GMU Geotechnical, Inc.	30336 Esperanza Rancho Santa Margarita, CA 92688	(949) 888-6513

Monument, an S Corporation formed in 2018, is a full-service real estate and right-of-way company providing exceptional service, strategic planning, innovation, and timely delivery. They serve local, state, and federal agencies, transportation authorities, and engineering partners with public infrastructure projects throughout California. Monument understands the difference that an experienced, solutions-minded right-of-way partner can bring in achieving the goals and objectives of a project and has successfully delivered hundreds of projects as a team.

Monument's interdisciplinary team is composed of highly experienced project managers, seasoned acquisition agents, relocation experts, and project support specialists working together with the client to provide solutions at every phase of the project. The Monument team is known in the industry for successfully completing projects on an accelerated schedule. They accomplish this with early project planning, a clear scope of work, defined project tasks and deliverables, quality control, exceptional performance, and communication with the client and project partners.

LEGAL NAME	ADDRESS	PHONE
Monument ROW	200 Spectrum Center, Ste. 300, Irvine, CA 92618	(310) 318-4558

Rincon Consultants, Inc. is a multi-disciplinary environmental science, planning, and engineering consulting firm with a wide range of expertise including environmental and land use planning, biological resources assessment and regulatory compliance, cultural resources, environmental site assessment and remediation, water resources, and sustainability services. Their principal service is to provide quality environmental support and scientific research to create and sustain innovative solutions to natural resources, sustainability, and environmental impacts.

Rincon prides itself on the considerable depth of its staff, which includes certified urban planners, environmental scientists and engineers, accredited LEED professionals, noise and air quality experts, geologists, biologists, and cultural and historical resource specialists. They work as an extension of the client's team and function with the best interests of the client in mind. By managing each project with a focus on three primary objectives – economic efficiency, technical excellence, and sustainable approach – Rincon can provide superior service that efficiently and effectively meets the needs of our clients, help deliver a data-driven, detailed, and implementable project.

LEGAL NAME	ADDRESS	PHONE
Rincon Consultants, Inc.	250 East 1st Street, Suite 1400 Los Angeles, California 90012	(213) 444-3482

E. Work Approach

ON-CALL MANAGEMENT

Alta has considerable experience managing similar engineering on-call contracts and understands the complexities associated with the types of projects that may come out of a task order. Our experience and flexibility in accommodating the needs of our on-call clients includes the capability to take on new work with short notice and integrate project deadlines into our existing workload. We have worked widely throughout the Southern California region and will be able to assist the City immediately with the development and completion of various transportation projects. Our approach to working in an on-call, technical role involves close client communication, frequent collaboration during project development, and management of efficient delegation of tasks to our team.

As a firm that works exclusively with cities and other government agencies, our project management approach is flexible and accommodating to the changing needs of our clients. We assign staff as necessary to meet the changing requirements of our clients and can pivot quickly to include additional Southern California staff on a specific project if there is a major deadline pending. In addition, we are capable of utilizing staff from our other office locations to assist on project tasks. The following outlines Alta's procedures for effectively managing a project:

Project Understanding: Prior to undertaking any new task order, we gain a thorough understanding of the project's context and issues, as well as the client's goals and objectives. We assign a project team with the strongest relevant project experience to complete the project at hand. From this project understanding, we develop a detailed work plan for the client's approval that includes all tasks to be completed, deliverables, project schedule, and project budget.

Effective Communication: Throughout the project, Alta's Project Manager will be in regular contact with City staff to keep them apprised of the project effort and to seek their input at key decision points. This will include face-to-face meetings, e-mails, telephone, video conference, and written documents. We will produce monthly progress reports that summarize tasks completed and outline tasks to be completed over the next 30 days. In addition, Alta will produce detailed meeting minutes that summarize the discussion items and will include a list of follow-up tasks and the responsible party for each task.

Quality Control: With each project, we structure a series of reviews or submittals. Our staff proofreads each document, editing for consistency, quality of content and any grammatical or other errors. We also format all submittals to meet our high quality standards, so that we produce submittals that are not only technically accurate but are also easy to follow and graphically well-presented.

Cost Management: For each of our projects, we prepare detailed scopes of work that provide us with a tool to track our progress and assure that the project is on schedule and within budget. This is supplemented with regular project updates that detail work completed and anticipated tasks to be completed in the next 30 days. This proactive approach to our project management facilitates a common understanding of the expected outcomes and provides an early warning system of pending project issues. As a company policy, we do not proceed with any extra work unless prior agreement has been reached with the client. We are flexible in our project approach and tailor our work tasks and budget to meet the unique needs of our clients.

Alta project managers use Deltek Vision software to manage the complete lifecycle of a project. Our offices across North America are able to track and manage project progress with streamlined

collaboration and information sharing across a distributed project team. All project costs and fees are captured in real time for accurate and complete client budgeting and billing.

Extent of Principal Involvement: Our nimble size assures our clients of a high level of principal involvement. Our Los Angeles office has four principals which results in active principal level engagement at key meetings and critical project milestones. Our Principals are very hands-on, overseeing major portions of work, including the site plans, design, narrative and details.

Staff Availability: The staff for each individual project will be selected based on the needs of the project and the expertise of the staff. Alta is large enough to shift project work among staff and offices as needed to match the needs of a given project. This allows for us to provide the City with the most experienced staff for each project, and allows Alta to be efficient in completing quality work on schedule and within budget.

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC)

Alta maintains a QA/QC system, along with strict adherence to establish business procedures. Our team employs a three-tier quality control system that includes: (1) peer review of materials, (2) independent review by principals, and (3) in-house scheduling and management tools.

Our QA/QC process begins at the start of the project. We believe that everyone on the team is responsible for providing our clients with quality products and deliverables. Our designers utilize checklists during their design process to identify key issues that are communicated to other disciplines early on in the design. This helps us to avoid missing key elements during the design process while at the same time serving as a reminder to communicate internally within our team. In addition, our designers are required to have a senior level Engineer provide an over-the-shoulder review at the preliminary stage of the design so that we have considered other design elements that may enhance the project.

Our designers are required to submit the checklists as part of the QA/QC process to provide reviewers with additional project information to aid in the review process and allow them to focus on key design elements. This process makes everyone on the team accountable for providing quality design and deliverables.

Alta utilizes Bluebeam Revu for deliverables review which allows us to document all of the review comments and see that all comments are addressed prior to submitting to our clients. By using Bluebeam Sessions for our QA/QC process we improve efficiency and are able to utilize our design experts across the company as reviewers.

Our quality management procedures will see that:

- Work is performed by qualified personnel
- The necessary information is documented, checked, transmitted, and reviewed for completeness
- Documents are reviewed by the appropriate technical staff for constructability and accuracy
- Products are reviewed by staff not involved in the project to provide a fresh perspective and insight

F. Client References

City of El Monte, CA

2018-Ongoing

Parkway Drive and Denholm Drive Traffic Calming and Class IV Bike Lane (2020-Ongoing)
Alta is working with the City of El Monte to calm traffic and improve roadway safety on Parkway Drive and Denholm Drive through the design of a Class IV Bikeway and additional traffic calming measures such as removing existing speed humps and other methods. The project will include the design of a total of 38 curb ramps, including uni-directional, mid-block uni-directional, and directional ramps. Additionally, Alta designed raised crosswalks along the Class IV bike facility.

CLIENT

City of El Monte
11333 Valley Boulevard
El Monte, CA 91731

CONTACT

Lee Torres
City Engineer
(626) 580-2055
ltorres@elmonteca.gov

El Monte Merced Avenue Linear Park and Traffic Calming (2020-Ongoing)
Alta provided final plans, specifications, and estimate (PS&E) for the linear park design which is currently in construction. The plans include curb ramp details, median plan and profile plans, grading details of the trail, landscape and irrigation plans, amenity details, and signing and striping plans.

El Monte Streetscapes Beautification Improvements (2020-2022)
Alta led the development of a Streetscape Beautification Master Plan for El Monte which will provides cohesive design guidance to create welcoming gateways, vibrant commercial corridors, and safe and accessible transit streets and bikeways. The Final Master Plan includes typical sections and photo simulations for six different corridor typologies, as well as cost estimates and a matrix for phasing and implementation of the recommended improvements.

Merced Avenue Linear Park, El Monte, CA

City of Glendora, CA

2020-Ongoing

CLIENT

City of Glendora
410 East Dalton Avenue
Glendora, CA 91741

CONTACT

Steven Mateer
Transportation Superintendent
(626) 852-4846
smateer@ci.glendora.ca.us

Urban Trail Design & Engineering Support (2020-Ongoing)
Alta is in the final design and completion of the Glendora Urban Trail and Greenway Network including securing all right-of-way acquisitions and permits and utility coordination required to construct the trail. The trail improvements include a paved trail along the existing maintenance road, trailheads, park amenities, and drought tolerant landscaping.

Glendora Village Pedestrian Enhancements Engineering (2023)
Alta is providing engineering support for pedestrian enhancements along Glendora Boulevard within the Glendora Village, including developing concept plans, renderings, and cost estimates.

Slow Streets Ordinance Development (2022-Ongoing)
Alta developed an ordinance to establish a permanent "slow streets" program that will authorize City officials to close neighborhood local streets to vehicular traffic in order to enhance bicycle and walking connections to bicycle networks to destinations, such as business districts and green space.

Washington Elementary & Glendora Village Demonstration Project (2022-2023)
Alta is providing project management, engineering support, and community outreach for two temporary street improvement demonstrations in Glendora: a SCAG Go Human demonstration at Washington Elementary School on Walk to School Day and a multi-month installation of crosswalk improvements at two locations in the Village.

Gold Line First/Last Mile Concept Design (2020)
Alta refined recommendations from the First/Last Mile Study to create conceptual design plans and detailed project concepts for six street segments. Alta hosted two public workshops to solicit community input.

SCAG Mini Grant - Glendora Avenue Demonstration Project (2020)
Alta worked on the preparation of directive plans depicting striping layout, curb extension layouts, parking layout and dimensions needed to properly install the concept improvements.

Glendora Boulevard Parklet Design (2020)
Alta provided the City of Glendora with a detailed approach to design, fabricate, and installation of seven parklets along Glendora Boulevard from Ada Avenue to Foothill Boulevard. Work included preliminary research and investigation, concept and final site plans, research and coordination with fabrication vendors, and installation support. Alta also helped create the city's parklet design manual.

City of Beverly Hills, CA

2022-Ongoing

CLIENT

City of Beverly Hills
455 N. Rexford Drive
Beverly Hills, CA 90210

CONTACT

Jessie Holzer Carpenter
Transportation Planner
(310) 285-1000
jholzer@beverlyhills.org

Clifton-Le Doux Bike Boulevard Feasibility Study (2022-Ongoing)
Alta is working closely with the City of Beverly Hills to evaluate the feasibility of implementing a Class IIIB bicycle boulevard along Clifton Way and Le Doux Road. This bike boulevard will implement calmed neighborhood streets to connect bicyclists to the larger bikeway network, make it easier to bike and walk through the neighborhoods, and help people access the new LACMTA D (Purple) Line stations at Wilshire Boulevard and La Cienega.

Safety Education Campaign Plan (2022-2023)
Alta prepared a campaign strategy and implementation plan for a safety education campaign addressing new active transportation infrastructure in Beverly Hills.

Wilshire-Le Doux Toucan Crossing Final Design (2024-Ongoing)
Alta is preparing the final design of a TOUCAN bike-pedestrian crossing on Le Doux Road at Wilshire Boulevard.

Clifton Way Photosimulation, Beverly Hills, CA

G. Rights to Materials

Alta agrees that all responses, inquiries, and correspondence relating to this RFP and all reports, charts, displays, schedules, exhibits, and other documentation produced by Alta that are submitted as part of the proposal and not withdrawn shall, upon receipt by the City of Pico Rivera, become property of the City of Pico Rivera.

H. Schedule of Hourly Rates

Below is a schedule of hourly standard bill rates for Alta's proposed team. Rates are subject to a 5% increase and will be negotiated after 3 years.

alta

Labor Category	RATE	Typical Classifications Included in Rate
Labor Category 1	**$451.00**	Executive Principal
Labor Category 2	**$397.00**	Executive Principal
Labor Category 3	**$364.00**	Principal, Executive Principal
Labor Category 4	**$336.00**	Principal, Executive Principal
Labor Category 5	**$314.00**	Sr. Associate, Principal, Executive Principal
Labor Category 6	**$292.00**	Sr. Associate, Principal
Labor Category 7	**$270.00**	Leader, Sr. Associate, Principal
Labor Category 8	**$248.00**	Associate II, Sr. Associate, Director, Principal
Labor Category 9	**$232.00**	Associate I, Associate II, Sr. Associate
Labor Category 10	**$209.00**	Level III, Associate I, Associate II, Sr. Associate
Labor Category 11	**$193.00**	Level III, Associate I, Associate II
Labor Category 12	**$176.00**	Level III, Associate I, Associate II
Labor Category 13	**$165.00**	Level II, Level III, Associate I
Labor Category 14	**$154.00**	Level I, Level II, Level III
Labor Category 15	**$143.00**	Level I, Level II, Level III
Labor Category 16	**$127.00**	Administration
Labor Category 17	**$110.00**	Intern

Schedule of Hourly Rates, continued

Subconsultant	Title	Hourly Rate
Ardurra	Principal/ Project Manager V	$380
	Project Manager IV	$322
	Project Engineer VI	$299
	Project Designer III	$178
Arellano Associates	Project Manager	$222
	Deputy Project Manager	$180
Coast Surveying	Survey Manager	$238
	Project Surveyor	$206
Craftwater Engineering	Principal	$312
	Project Manager	$268
	Senior Engineer	$248
DKS	Principal Traffic Engineer	$325
	Senior Traffic Engineer	$310
	Traffic Engineer	$210
	Traffic Engineering Assistant	$180
GMU	Principal	$290
	Senior Engineer	$248
	Project Engineer	$212
Monument	Right of Way Project Manager 2	$195
	Utility Project Manager 2	$195
	Right of Way Project Manager 1	$170
	Utility Coordinator	$140
Rincon Consultants	Director/Principal	$319
	Senior Supervisor	$292
	Senior Professional	$255
	Professional IV	$211

Exceptions or Additions

Legal Company Name: Alta Planning + Design, Inc. State of Incorporation: California | Tax ID: 68-0465555 For all legal-related correspondence and information please use the following address: 711 SE Grand Avenue Portland, OR 97214 (503) 230 9862 contracts@altago.com			
Section / General Condition	**Location**	**Proposed Amendment (Deletions in Red, Insertions in Blue)**	**Rationale and Benefit**
5. Consultants Services	5.2	Consultant shall perform all work consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances in the same locale (Standard of Care) ~~to the highest professional standards of Consultant's profession~~ and in a manner reasonably satisfactory to City.	As written, this standard of care is not insurable. Reasoning: This language is not insurable because it contains subjective language and superlatives. By tying the performance of professional services to a Standard of Care that closely describes working under local market conditions and in comparison to similar professionals in the same industry, this language becomes insurable, thus protecting the city
11. Ownership of Written Products	Last sentence	"…to the extent feasible. The Consultant accepts no responsibility for the use of the product beyond the intended purpose of this Agreement."	Alta can not be held liable for any reuse beyond the intended purpose.
Insurance	16. 6	Consultant shall provide proof that policies of insurance required herein expiring during the term of this Agreement have been renewed or replaced with other policies providing at least the same coverage. Consultant shall provide such proof to City ~~at least two weeks prior to the expiration of the coverages.~~ promptly upon renewal.	Alta agrees and will maintain continuous insurance coverage throughout the life of the project. We can provide proof policies are being renewed. However, our insurer will not issue certificates until the new coverage binds.
Compensation	6.3	Payments for any services requested in writing by City and not included in the Scope of Services shall be made to Consultant by City on a time-and-materials basis using Consultant's standard fee schedule. Fees for such additional services shall be paid within ~~sixty (60)~~ thirty (30) days of the date Consultant issues an invoice to City for such services.	Reasoning: California Civil Code 3320 requires the project owner to pay consultants within 30 days of invoice (demand for payment) for public works projects.

Appendix C

APPENDIX C
NON-COLLUSION AFFIDAVIT

The undersigned declares states and certifies that:

1. This Proposal is not made in the interest of, or on behalf of any undisclosed person, partnership, company, association, organization or corporation. This Proposal is genuine and not collusive or sham.

2. I have not directly or indirectly induced or solicited any other Proposer to put in a false or sham proposal and I have not directly or indirectly colluded, conspired, connived, or agreed with any other Proposer or anyone else to put in sham proposal or to refrain from submitting to this RFP.

3. I have not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the proposal price or to fix any overhead, profit or cost element of the proposal price or to secure any advantage against the City of Pico Rivera or of anyone interested in the proposed contract.

4. All statements contained in the Proposal and related documents are true.

5. I have not directly or indirectly submitted the proposal price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay any fee to any person, corporation, partnership, company, association, organization, RFP depository, or to any member or agent thereof to effectuate a collusive or sham proposal.

6. I have not entered into any arrangement or agreement with any City of Pico Rivera public officer in connection with this proposal.

7. I understand collusive bidding is a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards.

Signature of Authorized Representative

Steven Frieson, PE, LCI, QSD
Name of Authorized Representative

Vice President, as duly authorized
Title of Authorized Representative

EXHIBIT B
APPROVED FEE SCHEDULE

(SCHEDULE OF HOURLY LABOR RATES AND REIMBURSABLE)

G. Rights to Materials

Alta agrees that all responses, inquiries, and correspondence relating to this RFP and all reports, charts, displays, schedules, exhibits, and other documentation produced by Alta that are submitted as part of the proposal and not withdrawn shall, upon receipt by the City of Pico Rivera, become property of the City of Pico Rivera.

H. Schedule of Hourly Rates

Below is a schedule of hourly standard bill rates for Alta's proposed team. Rates are subject to a 5% increase and will be negotiated after 3 years.

alta

Labor Category	RATE	Typical Classifications Included in Rate
Labor Category 1	**$451.00**	Executive Principal
Labor Category 2	**$397.00**	Executive Principal
Labor Category 3	**$364.00**	Principal, Executive Principal
Labor Category 4	**$336.00**	Principal, Executive Principal
Labor Category 5	**$314.00**	Sr. Associate, Principal, Executive Principal
Labor Category 6	**$292.00**	Sr. Associate, Principal
Labor Category 7	**$270.00**	Leader, Sr. Associate, Principal
Labor Category 8	**$248.00**	Associate II, Sr. Associate, Director, Principal
Labor Category 9	**$232.00**	Associate I, Associate II, Sr. Associate
Labor Category 10	**$209.00**	Level III, Associate I, Associate II, Sr. Associate
Labor Category 11	**$193.00**	Level III, Associate I, Associate II
Labor Category 12	**$176.00**	Level III, Associate I, Associate II
Labor Category 13	**$165.00**	Level II, Level III, Associate I
Labor Category 14	**$154.00**	Level I, Level II, Level III
Labor Category 15	**$143.00**	Level I, Level II, Level III
Labor Category 16	**$127.00**	Administration
Labor Category 17	**$110.00**	Intern

Schedule of Hourly Rates, continued

Subconsultant	Title	Hourly Rate
Ardurra	Principal/ Project Manager V	$380
	Project Manager IV	$322
	Project Engineer VI	$299
	Project Designer III	$178
Arellano Associates	Project Manager	$222
	Deputy Project Manager	$180
Coast Surveying	Survey Manager	$238
	Project Surveyor	$206
Craftwater Engineering	Principal	$312
	Project Manager	$268
	Senior Engineer	$248
DKS	Principal Traffic Engineer	$325
	Senior Traffic Engineer	$310
	Traffic Engineer	$210
	Traffic Engineering Assistant	$180
GMU	Principal	$290
	Senior Engineer	$248
	Project Engineer	$212
Monument	Right of Way Project Manager 2	$195
	Utility Project Manager 2	$195
	Right of Way Project Manager 1	$170
	Utility Coordinator	$140
Rincon Consultants	Director/Principal	$319
	Senior Supervisor	$292
	Senior Professional	$255
	Professional IV	$211

EXHIBIT C
TERMS FOR COMPLIANCE WITH CALIFORNIA LABOR LAW REQUIREMENTS

1. This Agreement calls for services that, in whole or in part, constitute "public works" as defined in Division 2, Part 7, Chapter 1 (commencing with Section 1720) of the California Labor Code ("Chapter 1"). Further, Consultant acknowledges that this Agreement is subject to (a) Chapter 1 and (b) the rules and regulations established by the Department of Industrial Relations ("DIR") implementing such statutes. Therefore, as to those Services that are "public works", Consultant shall comply with and be bound by all the terms, rules and regulations described in 1(a) and 1(b) as though set forth in full herein.

2. California law requires the inclusion of specific Labor Code provisions in certain contracts. The inclusion of such specific provisions below, whether or not required by California law, does not alter the meaning or scope of Section 1 above.

3. Consultant shall be registered with the Department of Industrial Relations in accordance with California Labor Code Section 1725.5, and has provided proof of registration to City prior to the Effective Date of this Agreement. Consultant shall not perform work with any subconsultant that is not registered with DIR pursuant to Section 1725.5. Consultant and subconsultants shall maintain their registration with the DIR in effect throughout the duration of this Agreement. If the Consultant or any subconsultant ceases to be registered with DIR at any time during the duration of the project, Consultant shall immediately notify City.

4. Pursuant to Labor Code Section 1771.4, Consultant's Services are subject to compliance monitoring and enforcement by DIR. Consultant shall post job site notices, as prescribed by DIR regulations.

5. Pursuant to Labor Code Section 1773.2, copies of the prevailing rate of per diem wages for each craft, classification, or type of worker needed to perform the Agreement are on file at City Hall and will be made available to any interested party on request. Consultant acknowledges receipt of a copy of the DIR determination of such prevailing rate of per diem wages, and Consultant shall post such rates at each job site covered by this Agreement.

6. Consultant shall comply with and be bound by the provisions of Labor Code Sections 1774 and 1775 concerning the payment of prevailing rates of wages to workers and the penalties for failure to pay prevailing wages. The Consultant shall, as a penalty to City, forfeit $200.00 for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the DIR for the work or craft in which the worker is employed for any public work done pursuant to this Agreement by Consultant or by any subconsultant.

7. Consultant shall comply with and be bound by the provisions of Labor Code Section 1776, which requires Consultant and each subconsultant to: keep accurate payroll records and verify such records in writing under penalty of perjury, as specified

in Section 1776; certify and make such payroll records available for inspection as provided by Section 1776; and inform City of the location of the records.

8. Consultant shall comply with and be bound by the provisions of Labor Code seq. concerning the employment of apprentices on public works projects. Consultant shall be responsible for compliance with these aforementioned Sections for all apprenticeable occupations. Prior to commencing work under this Agreement, Consultant shall provide City with a copy of the information submitted to any applicable apprenticeship program. Within 60 days after concluding work pursuant to this Agreement, Consultant and each of its subconsultants shall submit to City a verified statement of the journeyman and apprentice hours performed under this Agreement.

9. The Consultant shall not perform Work with any Subconsultant that has been debarred or suspended pursuant to California Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. The Consultant and Subconsultants shall not be debarred or suspended throughout the duration of this Contract pursuant to Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. If the Consultant or any subconsultant becomes debarred or suspended during the duration of the project, the Consultant shall immediately notify City.

10. Consultant acknowledges that eight hours labor constitutes a legal day's work. Consultant shall comply with and be bound by Labor Code Section 1810. Consultant shall comply with and be bound by the provisions of Labor Code Section 1813 concerning penalties for workers who work excess hours. The Consultant shall, as a penalty to City, forfeit $25.00 for each worker employed in the performance of this Agreement by the Consultant or by any subconsultant for each calendar day during which such worker is required or permitted to work more than eight hours in any one calendar day and 40 hours in any one calendar week in violation of the provisions of Division 2, Part 7, Chapter 1, Article 3 of the Labor Code. Pursuant to Labor Code section 1815, work performed by employees of Consultant in excess of eight hours per day, and 40 hours during any one week shall be permitted upon public work upon compensation for all hours worked in excess of eight hours per day at not less than one and one-half times the basic rate of pay.

11. California Labor Code Sections 1860 and 3700 provide that every employer will be required to secure the payment of compensation to its employees. In accordance with the provisions of California Labor Code Section 1861, Consultant hereby certifies as follows:

> "I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract."

12. For every subconsultant who will perform work on the project, Consultant shall be responsible for such subconsultant's compliance with Chapter 1 and Labor Code Sections 1860 and 3700, and Consultant shall include in the written contract between it and each subconsultant a copy of those statutory provisions and a requirement that each subconsultant shall comply with those statutory provisions. Consultant shall be required to take all actions necessary to enforce such contractual provisions and ensure subconsultant's compliance, including without limitation, conducting a periodic review of the certified payroll records of the subconsultant and upon becoming aware of the failure of the subconsultant to pay his or her workers the specified prevailing rate of wages. Consultant shall diligently take corrective action to halt or rectify any failure.

13. To the maximum extent permitted by law, Consultant shall indemnify, hold harmless and defend (at Consultant's expense with counsel reasonably acceptable to City) City, its officials, officers, employees, agents and independent consultants serving in the role of City officials, and volunteers from and against any demand or claim for damages, compensation, fines, penalties or other amounts arising out of or incidental to any acts or omissions listed above by any person or entity (including Consultant, its subconsultants, and each of their officials, officers, employees and agents) in connection with any work undertaken or in connection with the Agreement, including without limitation the payment of all consequential damages, attorneys' fees, and other related costs and expenses. All duties of Consultant under this Section shall survive the termination of the Agreement.

AGREEMENT NO. _____
PROFESSIONAL SERVICES AGREEMENT
BETWEEN THE CITY OF PICO RIVERA AND
BKF ENGINEERS

1. IDENTIFICATION

THIS PROFESSIONAL SERVICES AGREEMENT ("Agreement") is entered into by and between the City of Pico Rivera, a California municipal corporation ("City") and BKF Engineers, ("Consultant"). City and Consultant are sometimes hereinafter individually referred to as a "Party" and collectively referred to as "Parties."

2. RECITALS

2.1 City has determined that it requires professional services from a consultant to provide on-call engineering services.

2.2 Consultant represents that it is fully qualified to perform such professional services by virtue of its experience and the training, education and expertise of its principals and employees. Consultant further represents that it is willing to accept responsibility for performing such services in accordance with the terms and conditions set forth in this Agreement.

NOW, THEREFORE, for and in consideration of the performance by the Parties of the mutual covenants and conditions herein contained, the Parties hereto agree as follows:

3. DEFINITIONS

3.1 "Scope of Services": Such professional services as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "A" and incorporated herein by this reference.

3.2 "Approved Fee Schedule": Such compensation rates as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "B."

3.3 "Commencement Date" : April 23, 2024

3.4 "Expiration Date" : June 30, 2029

4. TERM

The term of this Agreement shall commence at 12:00 a.m. on the Commencement Date and shall expire at 11:59 p.m. on the Expiration Date unless extended by written agreement of the Parties or terminated in accordance with Section 22 below.

5. CONSULTANT'S SERVICES

5.1 Consultant shall perform the services identified in the Scope of Services. City shall have the right to request, in writing, changes in the Scope of Services. Any such changes mutually agreed upon by the Parties, and any corresponding increase or decrease in compensation, shall be incorporated by written amendment to this Agreement. In no event shall the total compensation and costs payable to Consultant under this Agreement exceed the sum of Two Million Five Hundred Thousand Dollars ($2,500,000.00), unless specifically approved in advance, in writing, by City.

5.2 Consultant shall perform all work to the highest professional standards of Consultant's profession and in a manner reasonably satisfactory to City.

6. COMPENSATION

6.1 City agrees to compensate Consultant for the services provided under this Agreement, and Consultant agrees to accept in full satisfaction for such services, payment in accordance with the Approved Fee Schedule.

6.2 Consultant shall submit to City an invoice, on a monthly basis or less frequently, for the services performed pursuant to this Agreement. Each invoice shall itemize the services rendered during the billing period and the amount due. Within ten (10) business days of receipt of each invoice, City shall notify Consultant in writing of any disputed amounts included on the invoice. Within thirty (30) calendar days of receipt of each invoice, City shall pay all undisputed amounts included on the invoice. City shall not withhold applicable taxes or other authorized deductions from payments made to Consultant.

6.3 Payments for any services requested in writing by City and not included in the Scope of Services shall be made to Consultant by City on a time-and-materials basis using Consultant's standard fee schedule. Fees for such additional services shall be paid within sixty (60) days of the date Consultant issues an invoice to City for such services.

7. BUSINESS LICENSE

Consultant shall obtain a City of Pico Rivera business license prior to commencing performance under this Agreement.

8. COMPLIANCE WITH LAWS

Consultant shall keep informed of State, Federal and Local laws, ordinances, codes and regulations that in any manner affect those employed by it or in any way affect the performance of its services pursuant to this Agreement. Consultant shall at all times comply with such laws, ordinances, codes and regulations. Without limiting the generality

of the foregoing, if Consultant is an out-of-state corporation or LLC, it must be qualified and registered to do business in the State of California pursuant to sections 2105 and 17708.02 of the California Corporations Code. The City, its officers and employees shall not be liable at law or in equity occasioned by failure of Consultant to comply with this Section.

9. CONFLICT OF INTEREST

Consultant covenants that it presently has no interest and shall not acquire any interest, direct or indirect, which may be affected by the services to be performed by Consultant under this Agreement, or which would conflict in any manner with the performance of its services hereunder. During the term of this Agreement, Consultant shall not perform any work for another person or entity for whom Consultant was not working at the Commencement Date of this Agreement if both: (i) such work would require Consultant to abstain from a decision under this Agreement pursuant to a conflict of interest statute; and (ii) City has not consented in writing prior to Consultant's performance of such work.

10. PERSONNEL

Consultant represents that it has, or will secure at its own expense, all personnel required to perform the services identified in the Scope of Services. All such services shall be performed by Consultant or under its supervision, and all personnel engaged in the work shall be qualified to perform such services. Consultant reserves the right to determine the assignment of its own employees to the performance of Consultant's services under this Agreement, but City reserves the right, for good cause, to require Consultant to exclude any employee from performing services on City's premises. Sheila Amparo, Senior Project Manager/Associate, shall be Consultant's project administrator and shall have direct responsibility for management of Consultant's performance under this Agreement. No change shall be made to Consultant's project administrator without City's prior written consent.

11. OWNERSHIP OF WRITTEN PRODUCTS

All reports, documents or other written material ("written products") developed by Consultant in the performance of this Agreement shall be and remain the property of City without restriction or limitation upon its use or dissemination by City. Consultant may take and retain copies of such written products as desired, but no such written products shall be the subject of a copyright application by Consultant. If any state, federal, or local law requires mandatory copyright protection for Consultant's work product, City shall comply with such laws to the extent feasible.

12. INDEPENDENT CONTRACTOR

12.1 Consultant is, and shall at all times remain as to City, a wholly independent contractor. Consultant shall have no power to incur any debt, obligation, or liability on behalf of City or otherwise to act on behalf of City as an agent. Neither City nor any of its officers, employees or agents shall have control over the conduct of Consultant or any of Consultant's employees, except as set forth in this Agreement. Consultant shall not at any time represent that it is, or that any of its agents or employees are, in any manner employees of City.

12.2 The Parties further acknowledge and agree that nothing in this Agreement shall create or be construed to create a partnership, joint venture, employment relationship, joint-employer relationship, or any other relationship between Consultant or Consultant's employees except as set forth in this Agreement.

12.3 City shall have no direct or indirect control over Consultant's employees or sub-consultants with respect to wages, hours, and working conditions. In addition, City shall not deduct from the Compensation paid to Consultant any sums required for Social Security, withholding taxes, FICA, state disability insurance or any other federal, state or local tax or charge which may or may not be in effect or hereinafter enacted or required as a charge or withholding on the compensation paid to Consultant, Consultant's employees or subconsultants. City shall have no responsibility to provide Consultant, its employees or subconsultants with workers' compensation insurance or any other insurance.

12.4 The Parties further acknowledges the following: (i) that Consultant shall provide the services outlined in the Scope of Services directly to City; (ii) Consultant maintains a business location at the address listed under Section 20 that is separate and distinct from the City; (iii) Consultant contracts with other businesses to provide the same or similar services and maintains a clientele without restriction from the City; (iv) Consultant advertises and holds itself out to the public as available to provide the same or similar services; (v) unless otherwise specified in this Agreement, Consultant provides its own tools, vehicles, and equipment necessary for performing the Scope of Services; (vi) Consultant has proposed and negotiated its own rates; and (vii) consistent with the nature and demands of the project and the City's business hours, Consultant may set its own hours and location of work.

13. CONFIDENTIALITY

All data, documents, discussion, or other information developed or received by Consultant or provided for performance of this Agreement are deemed confidential and shall not be disclosed by Consultant without prior written consent by City. City shall grant such consent if disclosure is legally required. Upon request, all City data and any copies thereof shall be returned to City upon the termination or expiration of this Agreement.

14. NON-LIABILITY OF CITY OFFICIALS AND EMPLOYEES

No official or employee of the City shall be personally liable to Consultant in the event of any default or breach by City, or for any amount which may become due to Consultant.

15. INDEMNIFICATION

15.1 The Parties agree that City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers should, to the extent permitted by law, be fully protected from any loss, injury, damage, claim, lawsuit, cost, expense, attorneys' fees, litigation costs, or any other cost arising out of or in any way related to the performance of this Agreement. Accordingly, the provisions of this indemnity provision are intended by the Parties to be interpreted and construed to provide the fullest protection possible under the law to City. Consultant acknowledges that City would not enter into this Agreement in the absence of Consultant's commitment to indemnify and protect City as set forth herein. Notwithstanding the foregoing, to the extent Consultant's services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.2 To the full extent permitted by law, Consultant shall indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant or any of its officers, employees, servants, agents, or subconsultants in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees. Notwithstanding the foregoing, to the extent Consultant's Services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.3 City shall have the right to offset against the amount of any compensation due Consultant under this Agreement any amount due to City from Consultant as a result of Consultant's failure to pay City promptly any indemnification arising under this Section 15 or related to Consultant's failure to either: (i) pay taxes on amounts received pursuant to this Agreement or (ii) comply with applicable workers' compensation laws.

15.4 The obligations of Consultant under this Section 15 will not be limited by the provisions of any workers' compensation act or similar act. Consultant expressly waives its statutory immunity under such statutes or laws as to City, its officers, agents, employees and volunteers.

15.5 Consultant agrees to obtain executed indemnity agreements with provisions identical to those set forth here in this Section 15 from each and every subconsultant or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. In the event Consultant fails to obtain such indemnity obligations from others as required herein, Consultant agrees to be fully responsible and indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant's subconsultants or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees.

15.6 City does not, and shall not, waive any rights that it may possess against Consultant because of the acceptance by City, or the deposit with City, of any insurance policy or certificate required pursuant to this Agreement. This hold harmless and indemnification provision shall apply regardless of whether or not any insurance policies are determined to be applicable to the claim, demand, damage, liability, loss, cost or expense.

15.7 **PERS ELIGIBILITY INDEMNITY.** In the event that Consultant or any employee, agent, or subconsultant of Consultant providing services under this Agreement claims or is determined by a court of competent jurisdiction or the California Public Employees Retirement System (PERS) to be eligible for enrollment in PERS as an employee of the City, Consultant shall indemnify, defend, and hold harmless City for the payment of any employee and/or employer contributions for PERS benefits on behalf of Consultant or its employees, agents, or subconsultants, as well as for the payment of any penalties and interest on such contributions, which would otherwise be the responsibility of City.

Notwithstanding any other agency, state or federal policy, rule, regulation, law or ordinance to the contrary, Consultant and any of its employees, agents, and subconsultants providing service under this Agreement shall not qualify for or become entitled to, and hereby agree to waive any claims to, any compensation, benefit, or any incident of employment by City, including but not limited to eligibility to enroll in PERS as an employee of City and entitlement to any contribution to be paid by City for employer contribution and/or employee contributions for PERS benefits.

16. INSURANCE

16.1 During the term of this Agreement, Consultant shall carry, maintain, and keep in full force and effect insurance against claims for death or injuries to persons or damages to property that may arise from or in connection with Consultant's performance of this Agreement. Such insurance shall be of the types and in the amounts as set forth below:

16.1.1 Comprehensive general liability, and Umbrella or Excess Liability Insurance covering all operations by or on behalf of Consultant providing insurance for bodily injury liability and property damage liability for the following and including coverage for:

16.1.1.1 Premises, operations, and mobile equipment

16.1.1.2 Products and completed operations

16.1.1.3 Broad form property damage (including completed operations)

16.1.1.4 Explosion, collapse, and underground hazards

16.1.1.5 Personal Injury

16.1.1.6 Contractual liability

in the amount of One Million Dollars ($1,000,000) per occurrence combined single limit; Two Million Dollars ($2,000,000) aggregate for products/completed operation; Two Million Dollars ($2,000,000) general aggregate (General aggregate must apply separately to Consultant's work under this Agreement.); and Five Million Dollars ($5,000,000) umbrella or excess liability.

16.1.2 Automobile Liability Insurance for owned, hired and non-owned vehicles utilized by Consultant, its employees or subconsultants, in the amount of One Million Dollars ($1,000,000) per accident for bodily injury and property damage.

16.1.3 Worker's Compensation Insurance as required by the laws of the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than One Million Dollars ($1,000,000) per accident for bodily injury or disease.

16.1.4 Professional Liability Insurance against errors and omissions in the performance of the work under this Agreement with coverage limits of not less than One Million Dollars ($1,000,000) per occurrence of claim/ Two Million Dollars ($2,000,000) in the aggregate.

16.2 Consultant shall require each of its subconsultants, if any, to maintain

insurance coverage that meets all of the requirements of this Agreement.

16.3 The policy or policies required by this Agreement shall be issued by an insurer admitted in the State of California and with a rating of at least A:VII in the latest edition of Best's Insurance Guide.

16.4 Consultant agrees that if it does not keep the aforesaid insurance in full force and effect City may either: (i) immediately terminate this Agreement; or (ii) take out the necessary insurance and pay, at Consultant's expense, the premium thereon.

16.5 At all times during the term of this Agreement, Consultant shall maintain on file with City's Risk Manager a certificate or certificates of insurance showing that the aforesaid policies are in effect in the required amounts and, for the general liability and automobile liability policies, naming the City as an additional insured. Consultant shall, prior to commencement of work under this Agreement, file with City's Risk Manager such certificate(s).

16.6 Consultant shall provide proof that policies of insurance required herein expiring during the term of this Agreement have been renewed or replaced with other policies providing at least the same coverage. Consultant shall provide such proof to City at least two weeks prior to the expiration of the coverages.

16.7 The general liability and automobile policies of insurance required by this Agreement shall contain an endorsement naming City, its officers, employees, agents and volunteers as additional insureds. All of the policies required under this Agreement shall contain an endorsement providing that the policies cannot be canceled or reduced except on thirty days' prior written notice to City. Consultant agrees to require its insurer to modify the certificates of insurance to delete any exculpatory wording stating that failure of the insurer to mail written notice of cancellation imposes no obligation, and to delete the word "endeavor" with regard to any notice provisions.

16.8 The general liability and automobile policies of insurance provided by Consultant shall be primary to any coverage available to City. Any insurance or self-insurance maintained by City, its officers, employees, agents or volunteers, shall be in excess of Consultant's insurance and shall not contribute with it.

16.9 All insurance coverage provided pursuant to this Agreement shall not prohibit Consultant, and Consultant's employees, agents or subconsultants, from waiving the right of subrogation prior to a loss. Consultant hereby waives all rights of subrogation against the City.

16.10 Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of City, Consultant shall either reduce or eliminate the deductibles or self-insured retentions with respect to City, or Consultant shall procure a bond guaranteeing payment of losses and expenses.

16.11 Procurement of insurance by Consultant shall not be construed as a limitation of Consultant's liability or as full performance of Consultant's duties to indemnify, hold harmless and defend under Section 15 of this Agreement.

16.12 If Consultant maintains broader coverage and/or higher limits than the minimums shown above, the City requires and shall be entitled to the broader coverage and/or the higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

17. MUTUAL COOPERATION

17.1 City shall provide Consultant with all pertinent data, documents and other requested information as is reasonably available to City for the proper performance of Consultant's services under this Agreement.

17.2 In the event any claim or action is brought against City relating to Consultant's performance in connection with this Agreement, Consultant shall render any reasonable assistance that City may require.

18. RECORDS AND INSPECTIONS

Consultant shall maintain full and accurate records with respect to all matters covered under this Agreement for a period of three years after the expiration or termination of this Agreement. City shall have the right to access and examine such records, without charge, during normal business hours. City shall further have the right to audit such records, to make transcripts therefrom and to inspect all program data, documents, proceedings, and activities.

19. PERMITS AND APPROVALS

Consultant shall obtain, at its sole cost and expense, all permits and regulatory approvals necessary in the performance of this Agreement. This includes, but shall not be limited to, encroachment permits and building and safety permits and inspections.

20. NOTICES

Any notices, bills, invoices, or reports required by this Agreement shall be deemed received on: (i) the day of delivery if delivered by hand, facsimile, email, or overnight courier service during Consultant's and City's regular business hours; or (ii) on the third business day following deposit in the United States mail if delivered by mail, postage prepaid, to the addresses listed below (or to such other addresses as the Parties may, from time to time, designate in writing).

If to City:

Steve Carmona, City Manager
City of Pico Rivera
PO Box 1016
6615 Passons Blvd.
Pico Rivera, California 90660-1016

If to Consultant:

Chris Rideout, Principal/Vice President
BKF Engineers
4675 MacArthur Ct, Suite 400
Newport Beach, CA 92660

With a courtesy copy to:

Arnold M. Alvarez-Glasman, City Attorney
13181 Crossroads Parkway North
Suite 400 - West Tower
City of Industry, CA 91746

21. SURVIVING COVENANTS

The Parties agree that the covenants contained in Sections 13, 15 and Paragraph 17.2 of Section 17, of this Agreement shall survive the expiration or termination of this Agreement.

22. TERMINATION

22.1 City shall have the right to terminate this Agreement for any reason on five (5) calendar days' written notice to Consultant. Consultant shall have the right to terminate this Agreement for any reason on sixty (60) calendar days' written notice to City. The effective date of termination shall be upon the date specified in the notice of termination. Consultant agrees that in the event of such termination, City's obligation to pay Consultant shall be limited to payment only for those services satisfactorily rendered, as solely determined by the City, prior to the effective date of termination. Consultant agrees to cease all work under this Agreement on or before the effective date of any notice of termination. All City data, documents, objects, materials or other tangible things shall be returned to City upon the termination or expiration of this Agreement.

22.2 If City terminates this Agreement due to no fault or failure of performance by Consultant, then Consultant shall be paid based on the work satisfactorily performed, as solely determined by the City, at the time of termination. In no event shall Consultant be entitled to receive more than the amount that would be paid to Consultant for the full performance of the services required by this Agreement.

23. ASSIGNMENT

Consultant shall not delegate, transfer, subcontract or assign its duties or rights hereunder, either in whole or in part, without City's prior written consent, and any attempt to do so shall be void and of no effect. City shall not be obligated or liable under this Agreement to any Party other than Consultant.

24. NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY

24.1 In the performance of this Agreement, Consultant shall not discriminate against any employee, subconsultant, or employment applicant because of race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation. Consultant will take affirmative action to ensure that subconsultants, employees, and employment applicants are treated without regard to their race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.2 Consultant will, in all solicitations or advertisements for employees placed by or on behalf of Consultant state either that it is an equal opportunity employer or that all qualified applicants will receive consideration for employment without regard to race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.3 Consultant will cause the foregoing provisions to be inserted in all subcontracts for any work covered by this Agreement except contracts or subcontracts for standard commercial supplies or raw materials.

25. WARRANTIES

25.1 Each Party has received independent legal advice from its attorneys with respect to the advisability of entering into and executing this Agreement, or been provided with an opportunity to receive independent legal advice and has freely and voluntarily waived and relinquished the right to do so. Each Party who has not obtained independent counsel acknowledges that the failure to have independent legal counsel will not excuse such Party's failure to perform under this Agreement.

25.2 In executing this Agreement, each Party has carefully read this Agreement, knows the contents thereof, and has relied solely on the statements expressly set forth herein and has placed no reliance whatsoever on any statement, representation, or promise of any other party, or any other person or entity, not expressly set forth herein, nor upon the failure of any other party or any other person or entity to make any statement, representation or disclosure of any matter whatsoever.

25.3 It is agreed that each Party has the full right and authority to enter into this Agreement, and that the person executing this Agreement on behalf of either Party has

the full right and authority to fully commit and bind such Party to the provisions of this Agreement.

26. CAPTIONS

26.1 The captions appearing at the commencement of the sections hereof, and in any paragraph thereof, are descriptive only and for convenience in reference to this Agreement. Should there be any conflict between such heading, and the section or paragraph thereof at the head of which it appears, the section or paragraph thereof, as the case may be, and not such heading, shall control and govern in the construction of this Agreement.

26.2 Masculine or feminine pronouns shall be substituted for the neuter form and vice versa, and the plural shall be substituted for the singular form and vice versa, in any place or places herein in which the context requires such substitution(s).

27. NON-WAIVER

27.1 The waiver by City or Consultant of any breach of any term, covenant or condition herein contained shall not be deemed to be a waiver of such term, covenant or condition or of any subsequent breach of the same or any other term, covenant or condition herein contained. In no event shall the making by City of any payment to Consultant constitute or be construed as a waiver by City of any breach of covenant, or any default which may then exist on the part of Consultant, and the making of any such payment by City shall in no way impair or prejudice any right or remedy available to City with regard to such breach or default. No term, covenant or condition of this Agreement shall be deemed to have been waived by City or Consultant unless in writing.

27.2 Each right, power and remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise shall be cumulative and shall be in addition to every other right, power, or remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise. The exercise, the commencement of the exercise, or the forbearance of the exercise by any Party of any one or more of such rights, powers or remedies shall not preclude the simultaneous or later exercise by such Party of any of all of such other rights, powers or remedies.

27.3 Consultant shall not be liable for any failure to perform if Consultant presents acceptable evidence, in City's sole judgment, that such failure was due to causes beyond the control and without the fault or negligence of Consultant.

28. COURT COSTS AND ATTORNEY FEES

In the event legal action shall be necessary to enforce any term, covenant or condition herein contained, the Party prevailing in such action, whether reduced to judgment or not, shall be entitled to its reasonable court costs, including accountants' fees and expert witness fees, if any, and attorneys' fees expended in such action. The venue for any litigation shall be Los Angeles County, California.

29. SEVERABILITY

If any term or provision of this Agreement or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable, then such term or provision shall be amended to, and solely to, the extent necessary to cure such invalidity or unenforceability, and in its amended form shall be enforceable. In such event, the remainder of this Agreement, or the application of such term or provision to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby, and each term and provision of this Agreement shall be valid and be enforced to the fullest extent permitted by law.

30. GOVERNING LAW

This Agreement shall be governed and construed in accordance with the laws of the State of California.

31. COUNTERPARTS

This Agreement may be signed in any one or more counterparts all of which taken together shall be but one and the same Agreement. Any signed copy of this Agreement or of any other document or agreement referred to herein, or copy or counterpart thereof, delivered by facsimile or email transmission, shall for all purposes be treated as if it were delivered containing an original manual signature of the Party whose signature appears in the facsimile or email and shall be binding upon such Party in the same manner as though an originally signed copy had been delivered.

32. ENTIRE AGREEMENT

All documents referenced as exhibits in this Agreement are hereby incorporated in this Agreement. In the event of any material discrepancy between the express provisions of this Agreement and the provisions of any document incorporated herein by reference, the provisions of this Agreement shall prevail. This instrument contains the entire Agreement between City and Consultant with respect to the transactions contemplated herein. No other prior oral or written agreements are binding upon the Parties. Amendments hereto or deviations herefrom shall be effective and binding only if made in writing and executed by City and Consultant.

TO EFFECTUATE THIS AGREEMENT, the Parties have caused their duly authorized representatives to execute this Agreement on the dates set forth below.

"CITY" CITY OF PICO RIVERA	"CONSULTANT" BKF ENGINEERS
_____ Andrew C. Lara, Mayor	_____ Chris Rideout, Principal/Vice President
Dated: _____	Dated: _____
ATTEST:	**APPROVED AS TO FORM:**
_____ Cynthia Ayala, City Clerk	_____ Arnold M. Alvarez-Glasman, City Attorney

EXHIBIT A
SCOPE OF SERVICES

CITY OF PICO RIVERA

PROPOSAL FOR ON-CALL ENGINEERING SERVICES

FEBRUARY 14, 2024

BKF Engineers
4675 MacArthur Court, Suite 400
Newport Beach CA 92660
www.bkf.com

Contact
Chris Rideout, PE
(949) 526-8462
crideout@bkf.com

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February 14, 2024

Noe Negrete, PE
Director of Public Works
City of Pico Rivera
6615 Passons Blvd.
Pico Rivera, CA 90660

CONTACT INFORMATION

BKF Engineers
4675 MacArthur Court Suite 400
Newport Beach CA 92660 – 949-526-8462
Chris Rideout, PE crideout@bkf.com
CA Secretary Business Entity:
California Corporation, Date: 5/26/1970
Entity Number: C0599256

SUBJECT: CITY OF PICO RIVERA | LETTER OF OFFER
REQUEST FOR PROPOSALS ON-CALL ENGINEERING SERVICES

Dear Mr. Negrete,

The City of Pico Rivera has set forth a comprehensive long-term vision aimed at revitalizing and sustaining a thriving community through the implementation of projects and programs along major corridors. These initiatives are designed to enhance connectivity, promote safety, and foster an equitable, sustainable environment. BKF Engineers has proudly worked alongside the City for over five years on various projects, including the Washington Bridge, Pico Rivera Bikeway Project, and the Historic Whittier Boulevard Feasibility Study, establishing ourselves as an integral partner to the community. The Pico Rivera Bikeway Project is currently in the construction phase. The BKF Team has done multiple public outreach, meetings, and bike rides for this Project, where we had the opportunity and pleasure of meeting City staff and residents. We recognize the importance of aligning with the City's objectives and understand the needs of its residents, we are eager to submit our proposal for On-Call Engineering Services for the City's consideration to continue serving the City and its residents.

ABOUT US. BKF is a full-service consulting engineering and survey firm with more than 108 years of experience in public works engineering. BKF's decades of engineering, surveying, and planning experience is evident in our legacy projects throughout the West Coast. By leveraging our diverse project portfolio in combination with innovative design solutions, BKF's team of more than 450+ experienced staff is dedicated to successfully delivering sustainable projects for our communities.

EXPERIENCED TEAM. Our Team members have recently worked on typical capital improvement projects including intersection/mobility, beautification projects and roadway design such as the Yorba Linda Boulevard Widening Project, Los Alisos/Muirlands Improvements Project, Harvard/Michelson Intersection Improvement Project, Trabuco/Remington Intersection Improvement Project, Lakewood/Florence Intersection Widening, Pico Rivera Regional Bikeway Project, and Jeffrey/Walnut Intersection Improvement Project. We have included the same team working on these similar projects to ensure continuity and to streamline project deliverables. We included our hand-picked team of trusted subconsultants that we have worked alongside for over a decade to bring value to the City and its partners.

NAME ROLE	PROJECT CONTACT
PRIME CONSULTANT	
BKF Engineers Civil Engineering, Survey	**Chris Rideout, PE | crideout@bkf.com**
SUBCONSULTANT	
MIG Lanscape Architecture	Steve Lang | stevel@migcom.com
Earth Mechanics, Inc. (EMI) Geotechnical Engineering	Alahesh Thurairajah | A.Thurairajah@earthmech.com
LSA Environmental	Deborah Pracilio | Deborah.Pracilio@lsa.net
Monument Right of Way Acquisition	Amber Costello | acostello@monumentrow.com
Ninyo & Moore Geotechnical Engineering	Michael Putt | mputt@ninyoandmoore.com
RMA Group Utility Locating	Slawek Dymerski | sdymerski@sharedservicegroup.com
Stantec Traffic Engineering	Keith Rutherfurd | Keith.Rutherfurd@stantec.com
Vicus Planning Environmental Planning	Monica Villalobos | monica.villalobos@vicusplanning.com

STATEMENTS. This Proposal shall remain valid for a period of not less than 90 calendar days from the date of submittal of February 14, 2024. As Principal and Vice President, I have full signing authority and am authorized to bind to the terms and conditions of this proposal and can confirm that the information submitted within this proposal is true and correct. Our Team has reviewed the City's Agreement provided in the RFP, and while we can accept the Agreement, we have made edits/revisions for the City's review and consideration, which are included in the appendices section of our proposal.

I am available to expand on any portion of our proposal. Please feel free to contact me during the selection process at (949) 526-8462. We eagerly anticipate the opportunity to maintain our partnership with the City of Pico Rivera.

Sincerely,

BKF Engineers

Chris Rideout, PE
Principal/Vice President

Sheila Amparo, PE, QSP/D
Senior Project Manager/Associate

FIRM PROFILE

BKF Engineers

Delivering Inspired Infrastructure for over 108 years

Since 1915, BKF Engineers earned a reputation for its ability to successfully plan, design, survey, and implement complex projects. We draw upon and utilize our experience diligently guiding projects from the initial due diligence and feasibility stages, progressing project designs and permitting approvals, and concluding with construction and implementation. This proven approach recognizes that developing dynamic projects is informed by focused team collaboration, mitigating physical constraints and potential risks, and balancing designs goals with value engineering solutions.

Through our network of 16 west coast offices, BKF provides civil engineering, land surveying, and land planning services for government agencies, institutions, developers, design professionals, contractors, Utility and Flood Control District, school districts, and corporations. Facilitating the unique permitting and expertise requirements of projects, we provide a number of specialty services, including Agency permit expediting, sustainable infrastructure, site accessibility consulting, hydrology/hydraulics, traffic signal and traffic handling designs, utility locating services, automated construction surveying monitoring, and 3D laser scanning.

450+ Employees

Founded in **1915**

16 West Coast Offices

160 Professional Engineers & Surveyors

FIRM INFORMATION

Services Provided	▪ Civil Engineering ▪ Surveying ▪ Planning ▪ Transportation	▪ Water Resources ▪ Construction Management ▪ Utility Locating
Office Locations	▪ Newport Beach ▪ San Diego ▪ Oakland ▪ Redwood City ▪ San Jose ▪ Walnut Creek ▪ Pleasanton ▪ Santa Rosa	▪ Sacramento ▪ San Francsico ▪ San Rafael ▪ Modesto ▪ Roseville ▪ Salinas ▪ San Luis Obispo ▪ Portland, OR
Form of Organization	California Corporation | 05/26/1970 | Entity No. C0599256	

FIRM INFORMATION

Financial Condition	BKF has more than 100 years of being financially conservative and is in excellent financial condition. We have been audited by several public agencies and have always been in compliance with generally accepted accounting practices.

SUMMARY OF SIMILAR PROJECTS

CLIENT	PROJECT TITLE	CONTACT
City of Pico Rivera	▪ Pico Rivera Regional Bikeway ▪ Telegraph Road Bridge ▪ Mines Avenue Parking Study ▪ Whittier Boulevard Bridge Feasibility Study	Kenner Guerrero Associate Engineer (562) 801-4351 kguerrero@pico-rivera.org
City of Anaheim Public Utilities Department	▪ APUD As-Needed Civil Services FY 2023-28 ▪ APUD GSA #5, FY 22/23, Civil Base Maps for Street Light Improvements ▪ APUD GSA #4, FY 22/23, Park Substation Line	Vinh Tran Senior Electrical Engineer (714) 765-4273 vtran@anaheim.net
City of Buena Park	▪ Altura Pavement Rehabilitation Project ▪ Rosecrans Pavement Rehab Project	Teddy Luong, PE Assistant Engineer (714) 562-3689 tluong@buenapark.com
City of Chino	▪ 2023 Civil Engineering On-Call ▪ Benson Avenue Storm Drain Extension ▪ Russell Ave. Waterline Replacement	James Pagani Construction Manager (626) 863-3232 james.pagani@transtech.org
City of Costa Mesa	▪ Costa Mesa On-Call Engineering Services ▪ Costa Mesa Sound Walls ▪ Costa Mesa Paularino Channel	Arash Rahimian, PE, QSD Senior Engineer (714) 754-5096 arash.rahimian@costamesaca.gov
City of Downey	▪ Downey On-Call Civil Engineering ▪ Florence Avenue Bridge Over Rio Hondo Channel Rehabilitation Project ▪ Downey 5 Parks Project ▪ Lakewood Florence Intersection	Desi Gutierrez, PE Former Principal Civil Engineer (Retired) (562) 271-3188
City of Irvine	▪ Irvine Consultant Team 2023-2026 ▪ Hicks Canyon Wash H&H Study ▪ Jamboree/Barranca Intersection Imp. ▪ Jeffrey/Walnut Intersection Imp. ▪ Trabuco/Remington Traffic Signal ▪ PR/ED for Jamboree/Main Intersection	Tran Tran, PE Former Sr. Transportation Engineer (now with City of Lake Forest) (949) 461-3485 ttran@lakeforestca.gov

SUMMARY OF PROJECTS WITH OUR SUBCONSULTANTS

BKF Engineers has served the City of Pico Rivera for the past six (6) years, and will continue to serve the City to the best of our abilities when given the opportunity. We have purposefully selected and invited our subconsultants that we have partnered with nearly ten (10) years, and a couple of new partners like Monument and Vicus Planning. The BKF Team has decades of industry experience with cities and agencies, similar to the City of Pico Rivera, and we are eager to bring forth the expertise and capabilities our team offers to you.

	BKF ENGINEERS	EARTH MECHANICS INC	LSA	MIG	MONUMENT	NINYO & MOORE	SITESCAN	STANTEC	VICUS PLANNING
Pico Rivera Regional Bikeway	x						x	x	
Mines Avenue Traffic Study	x							x	
Brea Country Hills Pavement Rehab	x					x			
Del Amo Storm Drain Channel, I-196	x		x			x		x	
Harvard/Michelson Intersection Improv.	x						x	x	
Jeffrey Walnut Intersection Improvement	x		x						
Jeffrey Open Space Trail	x		x					x	
PR/ED for Jamboree/Main Intersection	x		x					x	
Trabuco/Remington Traffic Signal	x						x	x	
Los Alisos Blvd./Muirlands Blvd. Intersection	x		x			x		x	
Yorba Linda Blvd. Improvements	x		x	x		x			
Shaw Avenue Roadway Improvements	x	x							
Euclid Avenue Bridge Replacement	x	x						x	
Herndon OL Valentine to Marks	x	x							
Costa Mesa Paularino Channel	x			x				x	
Chino On-Call Civil Engineering	x		x	x		x			
El Rivino Road @ Agua Mansa Road	x						x		

* Projects in **BOLD** are off of an On-Call Contract

TEAM ALLOCATION + AVAILABILITY

BKF Engineers and our subconsultants see to it that to the extent within our control, the personnel proposed to work on this project shall remain available to the project for the full term of the contract and if a personnel change becomes necessary, the City shall have approval authority of any proposed new personnel.

In addition, BKF has the resources available to provide additional experienced personnel, office support, and field staff should that need arise. The table below illustrates key personnel current assignments and the allocation percentage each key member is committed to the City.

KEY BKF STAFF ASSIGNED	CURRENT ASSIGNMENTS	COMMITMENT TO THE CITY
Chris Rideout, PE BKF Engineers	▪ Rancho Palos Verdes Landslide Program Manager ▪ Lake Forest Los Alisos/ Muirlands ▪ Irvine Jeffrey Open Space Trail	30 %
Sheila Amparo, PE, QSD BKF Engineers	▪ Lake Forest Los Alisos/ Muirlands ▪ Irvine Jeffrey Open Space Trail ▪ IBC Multi-Use Trail along Creekwalk & Barranca Channel	45 %
Jason Kirchmann, PE, PLS, QSD BKF Engineers	▪ SMART Bridge Hydraulic Analysis ▪ Herndon Avenue Repair ▪ Marin County As-Needed Hydrology and Hydraulics	25 %
Dan Villines, PE, QSD BKF Engineers	▪ Del Amo Channel, Torrance ▪ Montalvo Storm Drain, San Clemente ▪ Kern River Hatchery Siphon, CA Dept. of General Services	35 %
Roger Chung, PE, CFM, ENV SP, QSD/QSP BKF Engineers	▪ Rancho Palos Verdes Landslide Program Manager ▪ Crest Road Wall Improvements, Rancho Palos Verdes ▪ Line J-1 Channel Improvements, Lancaster	45 %
Nate Parker, PLS BKF Engineers	▪ Park Place Extension, El Segundo ▪ Kaiser ED Expansion, Baldwin Park ▪ Culverdale Elementary School, Irvine	40 %

ORGANIZATIONAL CHART

The organizational chart presented below displays our proposed team organization, depth of resources, and coordination between team members available to the City of Pico Rivera. By assigning seasoned engineers and surveyors, BKF will assure a thorough work product, a cross-pollination of design expertise, and effective management of the project as necessary.

City of Pico Rivera

PROJECT MANAGEMENT

Chris Rideout, PE
Principal in Charge
BKF ENGINEERS

Sheila Amparo, PE, QSD
Project Manager
BKF ENGINEERS

QUALITY CONTROL

Jason Kirchmann, PE, PLS, QSD
QA/QC Manager
BKF ENGINEERS

PROJECT TEAM

Bobby Lin, PE
Deputy Project Manager
BKF ENGINEERS

Michael Buccelli, EIT
Civil Team
BKF ENGINEERS

Kevin Wakayama, EIT
Civil Team
BKF ENGINEERS

Dan Villines, PE, QSD
Drainage Task Lead
BKF ENGINEERS

Roger Chung, PE, QSD
Water Resources Task Lead
BKF ENGINEERS

Robin Hayes, PE
Water Resources Team
BKF ENGINEERS

Nate Parker, PLS
Survey Task Lead
BKF ENGINEERS

Grady Roth, LSIT
Survey Team
BKF ENGINEERS

Travis Freitag
Survey Team
BKF ENGINEERS

AS-NEEDED SUBCONSULTANT TEAM

Deborah Pracilio
Environmental Task Lead
LSA

Alahesh Thurairajah, PE
Geotechnical Task Lead
EARTH MECHANICS, INC.

Michael Putt, PG, CEG
Geotechnical Task Lead
NINYO & MOORE

Steve Lang, PLA
Landscape/Outreach Task Lead
MIG

BJ Swanner
Right of Way Task Lead
MONUMENT

Keith Rutherfurd, PE, TE
Traffic Engineering Task Lead
STANTEC

Monica Villalobos
Urban Planning Task Lead
VICUS

Slawek Dymerski, PE, GE
Utility Locating + Potholing Task Lead
RMA GROUP

CHRIS RIDEOUT, PE

PRINCIPAL IN CHARGE

Chris Rideout has more than 37 years of design experience on numerous streetscape, roadway, utility infrastructure, and municipal improvement projects. He has been able to develop strong relationships with the local and regional approval agencies throughout his career, which helps with obtaining timely jurisdictional approvals. His strengths include providing creative alternatives with a maximum amount of flexibility during the design, while maintaining the project objectives and schedule.

EDUCATION

B.S., Civil Engineering, California Polytechnic University, Pomona

REGISTRATION

Professional Civil Engineer CA No. 44922

AFFILIATIONS

American Public Works Association - Member

TOTAL YEARS EXPERIENCE

37 years

SELECT PROJECT EXPERIENCE

Pico Rivera Regional Bikeway
Pico Rivera, CA

Chino Hills Parkway Rehabilitation Projects
Chino Hills, CA

Chino Hills On-Call Engineering
Chino Hills, CA

Los Alisos Blvd./Muirlands Blvd. Intersection Improvements Project
Lake Forest, CA

South Gate Residential Resurfacing I&II
South Gate, CA

South Gate E. Frontage Road Pavement Rehabilitation
South Gate, CA

Altura Pavement Rehabilitation Project
Buena Park, CA

Rosecrans Pavement Rehabilitation Project
Buena Park, CA

PR/ED for Jamboree/Main Intersection Enhancements
Irvine, CA

Jeffrey Open Space Trail (JOST) Extension
Irvine, CA

Trabuco/Remington Traffic Signal
Irvine, CA

SHEILA AMPARO, PE, QSD

PROJECT MANAGER

Sheila has over 24 years of civil engineering experience in roadway design, grading, and highway/bridge projects with municipal agencies, as the project engineer, design manager, and project manager. Sheila has lead the design efforts for roadway geometrics, grading, signing and striping, stage construction and traffic handling. She will oversee all the geometric design, and ensure that coordination among the team members are consistent and clear.

EDUCATION

B.S., Civil Engineering, California Polytechnic University, Pomona

REGISTRATION

Professional Civil Engineer CA No. 78003

AFFILIATIONS

Qualified SWPPP Developer (QSD) & Practitioner (QSP) CA No. 26297

TOTAL YEARS EXPERIENCE

24 years

SELECT PROJECT EXPERIENCE

Pico Rivera Regional Bikeway
Pico Rivera, CA

Whittier Bridge Study
Pico Rivera, CA

Central Avenue Grade Separation Project
Montclair, CA

Euclid Avenue Bridge Replacement Project
Chinio, CA

Pavement Reconstruction & Rehabilitation on Phillips Blvd.
San Bernardino, CA

Chino Hills Parkway Rehabilitation Projects
Chino Hills, CA

Los Alisos Blvd./Muirlands Blvd. Intersection Improv.
Lake Forest, CA

South Gate Residential Resurfacing I&II
South Gate, CA

South Gate E. Frontage Road Pavement Rehabilitation
South Gate, CA

Altura Pavement Rehabilitation Project
Buena Park, CA

Jeffrey Open Space Trail (JOST) Extension
Irvine, CA

Trabuco/Remington Traffic Signal
Irvine, CA

JASON KIRCHMANN, PE, PLS

QUALITY ASSURANCE/QUALITY CONTROL MANAGER

Jason has a wide variety of experience in civil engineering design and land surveying for local municipalities and private sector clients. He has provided design support and project management on civic, healthcare, residential, education, parks, and commercial projects. Jason has been responsible for surveying tasks related to the design and construction of transportation, residential, commercial and public works projects. He understands the importance of providing seamless coordination with clients, other professional consultants, and reviewing agencies. He brings a keen sense of urgency to projects, consistently demonstrating the ability to stay on schedule and within budget.

EDUCATION

Civil Engineering, Surveying and Technology (CEST) Program, Santa Rosa Jr. College

REGISTRATIONS

Professional Civil Engineer CA No. 78079, Professional Surveyor CA No. 8806

TOTAL YEARS EXPERIENCE

21 years

SELECT PROJECT EXPERIENCE

City of San Rafael On-Call Engineering
San Rafael, CA

City of American Canyon On-Call Engineering
American Canyon, CA

Town of Corte Madera On-Call Engineering
Corte Madera, CA

City of Sausalito On-Call Engineering
Sausalito, CA

City of Santa Rosa On-Call Engineering
Santa Rosa, CA

Alameda County GSA On-Call Engineering
Alameda County, CA

San Francisco As-Needed Architectural Services
San Francisco, CA

West Sac On-Call Survey (2021-24)
West Sacramento, CA

Sacramento County On-Call Land Surveying Services
Sacramento, CA

City of San Rafael Survey and Plan Check
San Rafael, CA

BOBBY LIN, PE

DEPUTY PROJECT MANAGER

Bobby brings more than 14 years of experience delivering public works engineering and transportation design projects. His expertise includes civil transportation design for roadway, intersection improvement and enhancements, mobility and connectivity projects, widenings, and safety improvement projects. His ability to effectively communicate and manage projects and coordinate with stakeholders is keen. In addition to working with public and government agencies, he has also worked with municipality projects under Caltrans guidelines. Bobby will work alongside the Project Manager to ensure project deliverables are met.

EDUCATION

B.S., Civil Engineering; University of California, Irvine

REGISTRATIONS

Registered Professional Engineer, CA, No. 85563

TOTAL YEARS EXPERIENCE

14 years

SELECT PROJECT EXPERIENCE

Pico Rivera Regional Bikeway
Pico Rivera, CA

Pavement Reconstruction and Rehabilitation on Phillips Boulevard
Chino/Montclair, CA

Chino Hills Parkway Rehabilitation Projects
Chino Hills, CA

South Gate Residential Resurfacing I&II
South Gate, CA

South Gate E. Frontage Road Pavement Rehabilitation
South Gate, CA

Downey Lakewood/Florence Intersection Improvement
Downey, CA

Yorba Linda Blvd./Imperial Hwy. Intersection Improv.
Yorba Linda, CA

#D034 El Rivino Rd @ Agua Mansa Rd
Bloomington, CA

Central Avenue Grade Separation Project
Montclair, CA

Harvard/Michelson Intersection Improvements
Irvine, CA

DAN VILLINES, PE, QSD

WATER RESOURCES MANAGEMENT LEAD

Dan offers more than 31 years of professional civil engineering experience in the technical field of water resources. His experience includes hydraulic and structural analyses for the preparation of design plans, specifications and cost estimates for retaining walls, flood walls, dams, detention basins, water supply, wastewater, and flood control facilities. Dan has performed plan-check services for public agencies to verify hydrology and hydraulic design considerations. He has extensive knowledge of computer based hydraulic models for both open canal and piping systems for the purpose of determining cost effective and efficient hydraulic conveyance systems. Dan has been involved in the structural analysis, design, and construction of several hydraulic based projects in Southern California.

EDUCATION

B.S., Civil Engineering, California Polytechnic University, Pomona

REGISTRATIONS

Registered Professional Engineer, CA, No. 55210

AFFILIATIONS

Hydrology and Hydraulic Technical Group

American Society of Civil Engineers

TOTAL YEARS EXPERIENCE

31 years

SELECT PROJECT EXPERIENCE

Pico Rivera Regional Bikeway
Pico Rivera, CA

Benson Avenue Storm Drain Extension
Chino CA

Pavement Reconstruction & Rehabilitation on Phillips Blvd.
San Bernardino, CA

Via Montego Storm Drain Extension
San Clemente, CA

Galaxy Drive Emergency Storm Drain Repair
Newport Beach, CA

Del Amo Storm Drain Channel, I-196
Torrance, CA

Jeffrey Open Space Trail (JOST) Extension
Irvine, CA

Harvard/Michelson Intersection Improvements
Irvine, CA

Downey Lakewood/Florence Intersection Improvement
Downey, CA

ROGER CHUNG, PE, CFM, ENV SP, QSD/QSP

WATER RESOURCES PROJECT MANAGER

Roger has more than 23 years of civil engineering experience with expertise in hydrology, hydraulic and structural analysis for the preparation of drainage studies, drainage master plans and the preparation of design plans, specifications, and cost estimates for water supply and flood control facilities. He has been involved in the hydraulic analysis and design of numerous water recharge and flood control projects in San Bernardino, Riverside, Orange, Los Angeles, and San Diego County including coastal cities.

EDUCATION

B.S., Environmental Engineering, University of California, Irvine

B.S., Civil Engineering, University of California, Irvine

REGISTRATION

Professional Civil Engineer, CA No. 65388

Qualified Stormwater Pollution Prevention Plan Developer & Practitioner (QSD/QSP) #20600

Certified Floodplain Manager #US-19-11182, Association of State Floodplain Managers

Envision Sustainability Professional (ENV SP) #43157

TOTAL YEARS EXPERIENCE

23 years

SELECT PROJECT EXPERIENCE

Washington Boulevard Bridge Project
Pico Rivera, CA

Benson Avenue Storm Drain Extension
Chino CA

Chino On-Call Civil Engineering, 2020 - 2021
Chino, CA

County of San Bernardino Carbon Canyon Channel Improvements
Chino Hills, CA

South Gate Residential Resurfacing I&II
South Gate, CA

Jeffrey Open Space Trail (JOST) Extension
Irvine, CA

Harvard/Michelson Intersection Improvements
Irvine, CA

Los Alisos Blvd./Muirlands Blvd. Intersection Improvements Project
Lake Forest, CA

Yorba Linda Blvd./Imperial Hwy. Intersection Improv.
Yorba Linda, CA

Kingsdale Avenue Resurfacing
Redondo Beach , CA

NATE PARKER, PLS

SURVEY PROJECT MANAGER

Nate Parker has over 20 years of experience in field surveying. He is a registered Professional Land Surveyor. His project experience covers all aspects of field surveys including boundary, topographic, ALTA surveys; settlement and movement studies; and construction surveys involving subdivisions, high-rise buildings, bridges, grade separations, highways, utility layout, railroad layout, port surveys and airports. He handles all aspects of boundary, control, construction and topographic data collection.

EDUCATION

Surveying, Santiago Canyon College, Orange, CA

REGISTRATIONS

Professional Land Surveyor CA No. 9813

TOTAL YEARS EXPERIENCE

20 years

SELECT PROJECT EXPERIENCE

Pico Rivera Regional Bikeway
Pico Rivera, CA

Benson Avenue Storm Drain Extension
Chino, CA

Russell Avenue Water Main Line Replacement
Chino, CA

Pavement Reconstruction and Rehabilitation on Phillips Boulevard
San Bernardino, CA

Chino Hills Parkway Rehabilitation Projects
Chino Hills, CA

Los Alisos Blvd./Muirlands Blvd. Intersection Improvements Project
Lake Forest, CA

South Gate Residential Resurfacing I&II
South Gate, CA

Altura Pavement Rehabilitation Project
Buena Park, CA

Rosecrans Pavement Rehabilitation Project
Buena Park, CA

Jeffrey Open Space Trail (JOST) Extension
Irvine, CA

Trabuco/Remington Traffic Signal
Irvine, CA

SUBCONSULTANT RESUMES

DEBORAH PRACILIO

LSA ASSOCIATES, INC. | ENVIRONMENTAL PLANNING

Deborah is an expert in the Environmental Assessment processing procedures for NEPA and CEQA. With more than 30 years of experience, she has been responsible for project oversight as Principal in Charge and preparation and project management of CEQA- and NEPA-mandated environmental documents for land use, institutional, and capital improvement projects, as well as for numerous controversial transportation and land use projects. Deborah brings her substantial experience with transportation projects and extensive knowledge of FHWA and Caltrans requirements and procedures to projects. She is also experienced with federal and State resource/regulatory requirements related to protection of environmental resources.

EDUCATION
B.A., Social Ecology, University of California, Irvine

AFFILIATIONS
American Planning Association

Women's Transportation Seminar

TOTAL YEARS EXPERIENCE
38 years

AVAILABILITY TO PICO RIVERA
30 %

SELECT PROJECT EXPERIENCE

Caltrans District 12, On-Call Environmental Services
Orange County, California

San Gabriel Valley Council of Governments, Alameda Corridor-East Construction Authority, On-Call Services
Los Angeles, CA

Caltrans District 7, On-Call Environmental Services (I-5 Corridor from Kern County to the Orange County Line and Los Angeles County, Central Area)
Los Angeles County, CA

Caltrans District 7, South of I-10 On-Call Environmental Services (Contract No. 07A1893)
Los Angeles, CA

Caltrans District 7, I-5 Widening EIR/EIS On-Call Services
Los Angeles County, CA

County of Orange/OC Public Works, On-Call Environmental Services
Orange County, CA

ALAHESH THURAIRAJAH, PE, GE

EARTH MECHANICS, INC. | GEOTECHNICAL ENGINEER

Alahesh is a geotechnical principal/project manager with 14 years of experience on California transportation projects. He has provided geotechnical design/construction recommendations for 250+ bridges including 15 HBP bridges, 300+ standard and non-standard retaining walls, and 100+ miles of roadway. He has prepared Foundation Reports and Geotechnical Reports in compliance with Caltrans standards for numerous bridge/roadway projects.

EDUCATION

M.S., Civil Engineering, University of California, Los Angeles

B.S., Magna Cum Laude, Civil Engineering, California State Polytechnic University, Pomona

REGISTRATIONS

Professional Civil Engineer CA No. 81439

Professional Geotechnical Engineer CA No. 3123

TOTAL YEARS EXPERIENCE

14 years

AVAILABILITY TO PICO RIVERA

40 %

SELECT PROJECT EXPERIENCE

Venta Spur Bicycle-Pedestrian Bridge
Irvine, CA

WB SR-91 from Shoemaker Avenue to Alondra Blvd (PA-ED and PS&E)
Los Angeles County, CA

Rosecrans/Marquardt Grade Separation Project
Santa Fe Springs, CA

Pacific Ave. Pedestrian and Bicycle Improvements Project
Jurupa Valley, CA

I-605/Katella Avenue Interchange Improvement Project
Orange County, CA

Centennial Corridor Project, Design Package 2
Bakersfield, CA

SR-178/Morning Drive Interchange
Bakersfield, CA

7th Street Bridge Replacement over Tuolumne River
Stanislaus County, CA

Washington Street Bridge Seismic Rehabilitation
Petaluma, CA

I-605/I-5 Interchange (PA-ED), LA Metro
Los Angeles County, CA

MICHAEL PUTT, PG, CEG

NINYO & MOORE | GEOTECHNICAL ENGINEER

Michael is a Principal Geologist with Ninyo & Moore and has extensive experience in providing engineering geology consultation in Southern California. Michael has extensive experience on a variety of project types, including highways, bridges, bore and jack tunneled undercrossings, hillside and flat-land mass grading projects for residential, commercial, and industrial developments, pipelines, and forensic investigations. Mr. Putt performs project administration and management, prepares and reviews geologic and geotechnical reports and provides third party review services for geotechnical reports. He conducts geologic and geotechnical field evaluations, including detailed logging of large- and small-diameter borings and trenches, and geologic evaluation/mapping. Projects have included fault hazard evaluations, landslide studies, slope stability analysis, seismic refraction studies, geologic reconnaissance studies, forensic evaluations, and construction and inspection services.

EDUCATION

B.S., Geology, California State University, Fullerton

REGISTRATIONS

Professional Geologist, CA No. 7581

Certified Engineering Geologist, CA No. 2341

TOTAL YEARS EXPERIENCE

27 years

AVAILABILITY TO PICO RIVERA

80 %

SELECT PROJECT EXPERIENCE

On-Call Geotechnical Engineering Services
Diamond Bar, CA

On-Call Geotechnical Third-Party & Plan Review Services
Orange County, CA

On-Call Geotechnical Services and Plan Review Services
Rancho Santa Margarita, CA

On-Call Geotechnical and Third-Party Review Services
Jurupa Valley, CA

On-Call Consulting Support for Public Works Development Services
Anaheim, CA

On-Call Professional Services
Corona, CA

STEVE LANG, PLA

MIG, INC. | LANDSCAPE ARCHITECT

Steve is an award-winning landscape architect who has dedicated his career to creating outdoor environments that offer memorable, positive connections for people to each other and to nature. His early artistic talents converged with his love for the spaces beyond building walls to forge a 40-year vocation. Licensed in four states, Steve's work can be found around schools and sports fields, in forests and downtowns, through plazas and parks and along streets and waterways. He believes there is a deeper story to every project, and he strives to bring it to the surface through interpretation, education and art.

EDUCATION

B.A., Landscape Architect, UC Berkeley

REGISTRATIONS

Professional Landscape Architect, CA No. 1771

Professional Landscape Architect, Nevada No.461

TOTAL YEARS EXPERIENCE

27 years

AVAILABILITY TO PICO RIVERA

80 %

SELECT PROJECT EXPERIENCE

Pine Avenue Streetscape Improvements
Long Beach, CA

Firestone Boulevard Streetscape Improvements
Downey, CA

Long Beach Transit Gallery
Long Beach, CA

Beverly Boulevard
Pico Rivera, CA

Yorba Linda City-Wide Transitional Median Landscape
Yorba Linda, CA

Firestone Boulevard Streetscape
Apollo, Golden, Dennis the Menace, and Wilderness Parks Renovation
Downey, CA

Santa Ana Dog Park at Centennial Park
Santa Ana, CA

Ponderosa Park and Family Center
Anaheim, CA

Anaheim Coves Phase I and II
Anaheim, CA

Anaheim Urban Greening
Anaheim, CA

BJ SWANNER

MONUMENT ROW | RIGHT OF WAY SUPPORT SERVICES

BJ has over 16 years of experience managing right-of-way programs for a variety of public infrastructure projects from small to large. He has demonstrated experience managing projects, as well as developing and implementing technological solutions to real estate challenges utilizing GIS and other systems. Throughout his career, BJ's focus has been on supporting engineers and planners during the pre-acquisition phases of project development. As a recognized leader in the Southern California right-of-way profession, he is knowledgeable about local markets and infrastructure, and has relationships with key stakeholders in the region.

EDUCATION

B.S., Geography, GIS, and Remote Sensing, UCLA

TOTAL YEARS EXPERIENCE

16 years

AVAILABILITY TO PICO RIVERA

50 %

SELECT PROJECT EXPERIENCE

Inglewood Transit Connector
Inglewood, CA

Sepulveda Pass Transit (Tunnel), Los Angeles County Metropolitan Transportation Authority
Los Angeles, CA

Arroyo Seco Parkway Safety Enhancement Project, Caltrans District 7
Pasadena, CA

PA&ED, PS&E, and Utility Investigation for I-105 Express Lanes, Los Angeles County Metropolitan Transportation Authority
Los Angeles, CA

Nogales Street South Grade Separation, San Gabriel Valley Council of Governments and Alameda Corridor East Program
Industry, CA

Los Angeles River Valley Bikeway and Greenway Design Completion Project
Los Angeles, CA

SR-710 North Study, Los Angeles County Metropolitan Transportation Authority
Los Angeles, CA

Valley View Grade Separation, City of Santa Fe Springs
Santa Fe Springs, CA

KEITH RUTHERFURD, TE

STANTEC | TRANSPORTATION ENGINEERING

Keith offers 38 years of transportation and traffic engineering experience with a comprehensive background in transportation analysis and design plan preparation. He performs technical analyses and studies, prepares various reports, and designs improvement plans for numerous public works projects. Specific transportation engineering experience includes road alignment studies; highway and street improvements design, including geometric studies, interchanges, and ramps; traffic engineering, including site impact studies, parking and bikeway studies, bus operations, signing, striping, traffic signal, and traffic control plan design.

EDUCATION

B.S., Administrative Studies, University of California, Riverside

M.S., Civil/ Transportation Engineering, University of California, Irvine

REGISTRATIONS

Professional Traffic Engineer, CA No. TR 1647

TOTAL YEARS EXPERIENCE

38 years

AVAILABILITY TO PICO RIVERA

40 %

SELECT PROJECT EXPERIENCE

Mines Avenue Regional Bikeway
Pico Rivera, CA

Telegraph Road Traffic Throughput and Safety Enhancements Project
Downey/Pico Rivera, CA

Lakewood Boulevard Improvements Phases 3B and 3C
Downey, CA

Jamboree Road/Main Street Intersection Enhancements Traffic Analysis
Irvine, CA

University Dr./Ridgeline Dr. Traffic Engineering Services
Irvine, CA

Ocean Avenue Protected Bikeway
Santa Monica, CA

Ceremony Traffic Calming and Pedestrian Crossing Safety Enhancements, PA 6 N5A
Irvine, CA

MONICA VILLALOBOS

VICUS | ENVIRONMENTAL PLANNING

Monica's unique experience includes work at the intersection of transportation, strategic planning, land use, environmental justice and award-winning community engagement strategies. With 20 years of experience, she has a proven record as a technical expert and public engagement strategist on a variety of large-scale multidisciplinary transportation planning and policy projects. Over the course of her career, she has led several transit and station area planning projects for Metro. She is experienced in construction management for transit and street projects. Her work in public relations includes Metro, cities, SCAG and SANDAG. She has worked closely with key decision makers, community groups, stakeholders, elected officials, and the public to successfully plan, design and implement projects.

EDUCATION

Ph.D, City and Regional Planning, UC Berkeley

MRP, City and Regional Planning, Cornell University

BS, Community and Regional Development, UC Davis

AFFILIATIONS

MPact, National Steering Committee (2016 – Present)

American Planning Association, Chair, National Latinos in Planning Division (2010 – 2016)

TOTAL YEARS EXPERIENCE

20 years

AVAILABILITY TO PICO RIVERA

40 %

SELECT PROJECT EXPERIENCE

Eastside Transit Corridor Phase 2
Los Angeles, CA

C Line (Green Line) Extension to Torrance
Los Angeles, CA

K Line Northern Extension
Los Angeles, CA

Rail-to-Rail Construction Management Support Services
Los Angeles, CA

SLAWEK DYMERSKI, PE, GE

RMA GROUP | UTILITY LOCATING + POTHOLING

Slawek has three decades of engineering experience, including 20 years in project and quality management. He has been involved in all aspects of field exploration and data analysis for a wide range of pavement evaluation, construction inspection, geotechnical exploration, and design projects involving materials tests on asphalt concrete, Portland cement concrete, masonry, soils, aggregates, and steel by DSA, Caltrans, ASTM, and AASHTO test methods. In a Quality Assurance role, Slawek will be responsible for verifying that our deliverables fully meet project requirements and provide technical quality review of all geotechnical reports and material tests. Most critically, he understands the importance of timely, accurate, and fully vetted geotechnical and testing information.

EDUCATION

Ph.D, City and Regional Planning, UC Berkeley

MRP, City and Regional Planning, Cornell University

BS, Community and Regional Development, UC Davis

AFFILIATIONS

MPact, National Steering Committee (2016 – Present)

American Planning Association, Chair, National Latinos in Planning Division (2010 – 2016)

TOTAL YEARS EXPERIENCE

30 years

AVAILABILITY TO PICO RIVERA

30 %

SELECT PROJECT EXPERIENCE

Park to Playa Trail,
Los Angeles County

Los Angeles County Department of Public Works
Los Angeles, CA

I-405/Sepulveda Pass Improvements Project
Los Angeles, CA

SUBCONSULTANT FIRM QUALIFICATIONS

EARTH MECHANICS, INC

Firm Information	**Address:** 17800 Newhope Street, Suite B, Fountain Valley, CA 92708 **Phone Number:** 714-751-3826 **Key Personnel Contact Name:** Alahesh Thurairajah **Project Function:** Geotechnical Project Manager
Firm Profile	Founded as a California Corporation in 1989, Earth Mechanics, Inc. (EMI) is a geotechnical and earthquake engineering consulting firm specializing in major geotechnical site investigations and testing, seismic hazard and earthquake retrofit evaluations, and foundation design for projects related to transportation infrastructure including bridges, roadways, freeways, and tunnels. With a staff of 38, EMI has offices located throughout California. The headquarters is in Fountain Valley, California in Orange County. Other offices are in Hayward, Corona, San Marcos, and San Bernardino. For this contract, work will be led from the Fountain Valley office, which has a Caltrans-certified soil testing laboratory and rock laboratory.
Relevant Project Experience	▪ Rosecrans/Marquardt Grade Separation ▪ Venta Spur Bicycle/Pedestrian Trail ▪ WB SR-91 from Shoemaker Ave. to Alondra Blvd. Improvements ▪ City of Los Angeles Bridge/Civil On-Call Contracts

LSA ASSOCIATES, INC

Firm Information	**Address:** 3210 El Camino Real, Suite 100, Irvine, CA 92602 **Phone Number:** 949-553-0666 **Key Personnel Contact Name:** Deborah Pracilio **Project Function:** Principal/Environmental Planning
Firm Profile	LSA Associates, Inc. (LSA) is a multidisciplinary environmental consulting firm with more than 47 years of experience in helping public- and private-sector clients navigate the often-complex process of environmental review. Founded in 1976, LSA has nine offices in California with a total staff of approximately 180 full-time employees capable of fulfilling any project assignment, large or small. LSA has operated as a full-service environmental planning and impact assessment firm with strong in-house technical support services covering the majority of the areas necessary to prepare and/or review environmental documents, prepare and obtain regulatory permits, and provide environmental compliance monitoring during construction.
Relevant Project Experience	▪ Caltrans District 7, On-Call Environmental Services ▪ Caltrans District 12 On-Call Environmental Services ▪ City of Cypress On-Call Environmental Services, Cypress, CA ▪ City of Irvine 2022-2025 Consultant Team, Irvine, CA

MOORE IACOFANO GOLTSMAN, INCORPORATED (MIG, INC.), CORPORATION

Firm Information	**Address:** 109 W. Union Avenue, Fullerton, CA 92832 **Phone Number:** 714-871-3638 ext. 4040 **Key Personnel Contact Name:** Steve Lang **Project Function:** Landscape Architecture/Outreach
Firm Profile	MIG, Inc., is a multidisciplinary firm that focuses on developing plans that can be implemented. Our unique combination of design, management and communications expertise allows us to conduct planning in a highly interactive process involving all constituent groups. Through MIG's participatory planning process, client goals and community interests work together to frame key issues and generate workable solutions.
Relevant Project Experience	▪ Long Beach Pine Avenue Streetscape Improvements ▪ Long Beach Transit Gallery ▪ Big Bear Valley Pedestrian, Bicycle and Equestrian Master Plan ▪ Moonridge Road Streetscape Improvements, Big Bear Lake ▪ Firestone Boulevard Streetscape Improvements ▪ City Gateway Signage and Downtown Downey Monuments

MONUMENT ROW

Firm Information	**Address:** 200 Spectrum Center Suite 300, Irvine, CA 92618 **Phone Number:** 562-260-0507 **Key Personnel Contact Name:** Amber Costello **Project Function:** Right of Way Phase & Determination
Firm Profile	Monument, a DBE, SBE, and WBE certified firm, is a full-service real estate and right of way company providing exceptional service, strategic planning, innovation, and timely delivery. They serve local, state, and federal agencies, transportation authorities, and engineering partners with public infrastructure projects throughout California. At Monument, they understand the difference an experienced, solutions-minded right of way partner can bring in achieving the goals and objectives of a project and that's exactly what they are. Monument have successfully delivered hundreds of projects as a Team with our success attributed to their Company motto "we listen, we innovate, we deliver."
Relevant Project Experience	▪ Foothill Gold Line, Foothill Gold Line Construction Authority ▪ Lincoln Boulevard Bridge Improvement, City of LA ▪ 2nd Street Bridge, City of Long Beach ▪ Sepulveda Pass Transit (Tunnel), Los Angeles County Metropolitan Transportation Authority ▪ I-405 Auxiliary Lane Improvements, LA Metro

NINYO & MOORE GEOTECHNICAL & ENVIRONMENTAL SCIENCES CONSULTANTS

Firm Information	**Address:** 355 S Grand Avenue, Suite 2450, Los Angeles, CA 90071 **Phone Number:** 213-488-5111 **Key Personnel Contact Name:** Michael Putt, PG, CEG **Project Function:** Geotechnical Engineering
Firm Profile	Ninyo & & Moore, a California Corporation, is a minority-owned,, multidisciplinary consulting firm that provides high-quality geotechnical and environmental consulting services. The firm was incorporated in 1987 to provide consulting services in geotechnical engineering, construction inspection and testing, engineering geology, hydrogeology, hazardous waste remediation and environmental assessment. We are committed to being responsive, thorough, technically sound, and active in the business community. Ninyo & Moore serves its clients through 15 offices in California, Arizona, Colorado, Nevada, Texas, and Utah. Ninyo & Moore has had the privilege of providing geotechnical and environmental consulting, soils and materials testing services to the County of Los Angeles on various contracts either as a prime consultant or as a subconsultant for numerous capital improvement projects.
Relevant Project Experience	▪ City of Los Angeles On-Call Geotechnical/Environmental Services ▪ City of Diamond Bar On-Call Geotechnical Services ▪ City of Anaheim On-Call Consulting Support for Public Works

RMA GROUP

Firm Information	**Address:** 12130 Santa Margarita Court, Rancho Cucamonga, CA 91730 **Phone Number:** 909-989-1751 **Key Personnel Contact Name:** Slawek Dymerski, PE, GE **Project Function:** Materials Testing & Special Inspection
Firm Profile	RMA Group (RMA), established in 1962, is a California corporation with professional offices and laboratory facilities strategically located throughout California. RMA Group's geotechnical and geologic design services include preliminary geotechnical investigations, foundation studies, fault investigations, liquefaction analysis, Phase 1 environmental site assessments, and geotechnical and geologic review of grading and foundation plans. Their inspectors and technicians are highly qualified to perform all aspects of construction inspection and materials testing. They are experienced, cross-trained, and hold multiple certifications including ICC, ACI, AWS, ASNT, OSHPD, DSA, NICET, and more than 500 individual Caltrans certifications, which allows them to inspect diverse elements of construction projects simultaneously.
Relevant Project Experience	▪ Minor Streets Rehabilitation ▪ Park to Playa Pedestrian Overcross ▪ Flower Street

STANTEC CONSULTING SERVICES INC.

Firm Information	**Address:** 38 Technology Drive, Suite 200, Irvine, CA 92618-5312 **Phone Number:** 949-926-6000 **Key Personnel Contact Name:** Keith Rutherfurd **Project Function:** Traffic Engineering/Planning
Firm Profile	Stantec, provides professional consulting services in planning, engineering, architecture, interior design, landscape architecture, surveying, environmental sciences, project management, and project economics for infrastructure and facilities projects. Continually striving to balance economic, environmental, and social responsibilities, Stantec is recognized as a world-class leader and innovator in the delivery of sustainable solutions. We support public and private sector clients in a diverse range of markets, at every stage, from initial concept and financial feasibility to project completion. Our local Irvine office staffs traffic engineers and planners familiar with the latest state-of-the-art computer-based traffic analysis, modeling, and design tools.
Relevant Project Experience	▪ Mines Avenue Regional Bikeway, Pico Rivera ▪ Jamboree Road/Main Street Intersection Enhancement, Irvine ▪ Harvard Ave./Michelson Dr. Intersection Improvements, Irvine ▪ Jeffrey Open Space Trail (JOST) Extension, Irvine

VICUS LLC

Firm Information	**Address:** 1808 Manning Avenue #303, Los Angeles, CA 90025 **Phone Number:** 562-477-0987 **Key Personnel Contact Name:** Monica Villalobos **Project Function:** Urban Planning
Firm Profile	VICUS specializes in Planning, Design, and Environmental consulting services. We are a female-led and minority-owned and operated company, founded in 2017, SBE/ DBE certified. We offer our clients integrated services at every stage of the project delivery process from early planning and analysis to environmental clearance, design, and construction. VICUS is headquartered in Los Angeles. The VICUS team provides planning expertise, urban design, environmental consulting, and outreach support services on infrastructure projects throughout California. This combination of experience informs the delivery of projects that are inclusive, well designed, and centered around transportation
Relevant Project Experience	▪ Eastside Transit Corridor Phase 2 ▪ C Line (Green Line) Extension to Torrance ▪ K Line Northern Extension ▪ Rail-to-Rail Construction Management Support Services

SUBCONSULTANT PROJECT EXPERIENCE

CLIENT REFERENCE

LSA | Caltrans District 7 On-Call Environmental Services

LSA has provided on-call environmental services for District 7 since 2005. LSA was awarded two on-call environmental contracts with Caltrans District 7: (1) I-5 Corridor from Kern County to Orange County Borderline (Contract No. 07A3453); and (2) Los Angeles County, Central Area (Contract No. 07A3451). LSA provided professional and environmental generalist services on an "as-needed" basis for the preparation of environmental documents and related environmental technical studies to support the development and construction of proposed State transportation facilities. LSA completed all 15 task order requests issued by Caltrans for Contract No. 07A3451.

Caltrans District 7
Jason Roach
Ph. 213-310-2653
jason.roach@dot.ca.gov

EMI | Venta Spur Bicycle-Pedestrian Bridge

The proposed two-span bridge over SR-133 will be approximately 264 feet long and 17 feet wide, and will be supported on 16-inch and 24-inch CIDH piles. The proposed single-span bridge over Marshburn Channel will be approximately 23 feet long and 17 feet wide, and will be supported on 16-inch CIDH piles. In addition, four retaining walls and an overhead sign are proposed. EMI prepared two Preliminary Foundation Reports for Type Selection, managed geotechnical field investigation, provided recommendations for foundations, and prepared three Foundation Reports. Performed ADL study and prepared ADL report. EMI worked with Caltrans and TCA reviewers to minimize the review time gaining approval of the Foundation Reports.

City of Irvine
Vu Tran, PE
Ph. 949-724-6358
vtran@cityofirvine.org

MIG | Anaheim Coves Multi-Use Trail

Anaheim Coves, formerly Burris Basin, was a commercial source for sand and gravel before the Orange County Water District (OCWD) bought and transformed the quarry pit into a groundwater recharge basin. MIG developed a master plan and construction documents to create a universally accessible trail with viewing decks, interpretive signage, and California native plantings. From a safe distance, visitors are able to enjoy the wildlife and 14 acres of open space around the basin. Due to the ongoing issue of improper maintenance for native planting, training of landscape maintenance staff was included in the specifications. This training portion of the specifications was developed as a living document that can be updated as the project matures.

City of Anaheim
Pamela Galera
Former Principal Project Planner
Ph. (951) 826-2075
pgalera@riversideca.gov

NINYO & MOORE | Geotechnical & Environmental Consulting Services

Since 2006, Ninyo & Moore has been providing on-call services to the City of Los Angeles, Department of Public Works, Bureau of Engineering, Geotechnical Division to provide geotechnical and environmental engineering services. Scope of services includes preparing geotechnical data and investigation reports, as well as construction support services, including geotechnical observation and testing during construction utilizing our City of Los Angeles-certified Deputy Grading Inspectors. Environmental scope of services includes hazardous materials evaluations for soils, groundwater, and building materials, including asbestos and lead paint. These projects have included sewer and storm drains, landslide and slope evaluations, parks and recreational facilities, fire and police stations, and other capital improvement projects.

City of Los Angeles
Patrick Schmidt
Ph. (213) 847-0535
patrick.schmidt@lacity.org

SUBCONSULTANT PROJECT EXPERIENCE

CLIENT REFERENCE

STANTEC | Jamboree Rd./Main St. Intersection Enhancements Traffic Analysis

Stantec prepared the traffic analysis supporting the Project Report / Environmental Document (PR/ED) during the preliminary engineering phase of enhancement to this critical intersection of two major arterial roadways located in the Irvine Business Complex (IBC). Seven (7) alternative enchancement scenarios were identifed and analyzed using both the Intersection Capacity Utilization (ICU) Method and the Highway Capacity Manual (HCM) operations method to determine level of service (LOS) and vehicle delay under existing, near-term, and buildout traffic conditions for weekday and Saturday peak hour conditions. Queuing analysis was also performed to confirm the required storage lenths for turn lanes using *SimTraffic* version 10. *SimTraffic* was also used to develop visulations of intersection operations for use at public meetings.

City of Irvine
Melissa Dugan
Ph. 949-724-7384
mdugan@cityofirvine.org

MONUMENT | Interstate 405 Improvement Project

The right of way program included 286 partial acquisitions and 2 full take acquisitions. The partial acquisitions consisted of fee, roadway easements, slope easements, footing easements, public utility easements, and temporary construction easements. Both full acquisitions required the displacement of a total of 6 commercial tenants. The original parcel count was 386 acquisitions, however, through diligent collaboration between the right of way team and the design team during the preliminary design phase, nearly 100 parcels were eliminated from the project by adjusting the design requirements and minimizing the right of way footprint.

Orange County
Transportation Authority
Joe Gallardo
Ph. 714-560-5546
jgallardo@octa.net

VICUS | C Line (Green Line) Extension

VICUS serves as the Community Integration lead for the Metro Green Line Extension to Torrance including overseeing TOC, FLM, Urban Design and community coordination. The project involves analysis of light rail alternatives connecting the existing Metro Green Line station terminus in Redondo Beach to possible connections in the City of Torrance. Evaluation of station areas and community fit will be conducted through TOC and FLM analysis, walk audits with local stakeholders and coordination with partner agencies.

Los Angeles County
Metropolitan Transportation
Authority
Georgia Sheridan
Ph. (213) 922-6000
sheridang@metro.net

RMA GROUP | Flower Street Sewer Main Improvements

RMA Group provided construction inspection and testing services for the Flower Street Sewer Main Improvements project. Our scope of services included trench earthwork, crushed aggregate base, asphalt concrete paving and concrete paving operations.

City of Santa Ana
Arnie Cvek
Ph. (714) 647-5051
acvek@santa-ana.org

TYPICAL PROJECT APPROACH

BKF Engineers recognize that an organized On-Call project delivery approach is critical for project success. We understand that managing, building consensus, and obtaining project approvals and permits are often more challenging than preparing the actual design documents. Ensuring that these processes are managed will allow projects to be delivered on schedule and within budget.

BKF's management philosophy integrates the following key components: managing the process; defining the critical issues; developing coordinated design documents; and validating implementation.

COMPONENT 1: MANAGING THE PROCESS

PROJECT WORK PROGRAM: When the City identifies a scope specific project, our Principal-in-Charge, Chris Rideout, PE and Project Manager, Sheila Amparo will be available to meet and review the Project goals. Based on the specific tasks provided, will assign a team who will be committed to the Project for the duration. We will develop a detailed project work program that identifies tasks and deliverables tailored to deliver the Project. We intend for this work program to be a living document that we update regularly to reflect the progress and needs of the Project.

DEFINED SCHEDULE: We will develop our work program with reference to a schedule in Microsoft Project format. Our dedicated Project Managers will update the schedule with the completion of each phase, discuss and gain concurrence with the City. The schedule is a critical tool for the Project Team, City, and other Stakeholders to ensure all agree to the tasks and delivery dates. It is imperative to regularly review the baseline schedule and identify any potential tasks that are slipping behind schedule. If this situation occurs, our PMs will work with the team to establish a recovery plan to bring the design schedule back into alignment with the baseline schedule. This recovery schedule will be discussed with the City to ensure concurrence moving forward.

DESIGN FEE: The BKF team will develop a fee for our services based on the agreed to scope of services and schedule.

COMPONENT 2: DEFINING CRITICAL ISSUES

CRITICAL CONSIDERATIONS: For street/roadway projects, the Project Team will prepare geometric alignment studies to ensure the objective and standards for the improvements are adequately addressed. This early establishment and agreement with the City on the geometrics will allow the Project Team to identify critical issues, such as right of way acquisitions and utility relocations that require lengthy lead times that may affect the Project schedule and budget.

DEFINING CONSTRUCTION RISK: Risk assessment is key to managing the overall construction budget. Our experience is that characterizing subsurface soils and utilities is critical to managing unknowns that could lead to contractor change order and/or delays. BKF will work with City Staff to identify on any environmental considerations/mitigations early on in the project to ensure the project stays on schedule and can meet the environmental needs of the project as the design is developed. Comprehensive Construction Staging and Traffic Handling plans depicting vehicle/pedestrian circulation as well as efficient Contractor work areas are critical in clearly showing the intent/limit of any closures.

STAKEHOLDERS: Understanding the concerns of the Project's stakeholders at the earliest stage in the design process is essential to prevent delays or conflicts. BKF will coordinate and attend all meetings to understand goals and objectives of all stakeholders and confirm they are aligned properly with the City. Engaging all stakeholders from the beginning of the design process through construction will minimize misunderstandings and will result in a project that meets all objectives.

COMPONENT 3: DEVELOPING COORDINATED DESIGN DOCUMENTS

COORDINATION: The communication conduit with the City will be with Sheila Amparo, PE, QSD, Project Manager. This single point of contact eliminates possible misunderstandings and duplication of effort.. This team will be responsible for solving technical challenges while developing the design in accordance with the City's goals. We will coordinate the work with other consultants, Staff, and other agencies to ensure collaboration and obtain Project approvals.

COORDINATING AGENCIES: BKF's experience with public infrastructure projects has taught the value of having clear direct communication and of being accessible at all times during critical project stages. We believe our working relationships with local, state and federal agencies will allow us to streamline the process by minimizing costly lags in communication.

TECHNOLOGY: BKF implements the latest technology to develop designs including AutoCAD Civil 3D. We also have specialized simulation software to assist in the design of infrastructure including AutoTurn, StormCAD, WaterCAD, SewerCAD, HEC HMS, and HEC RAS. For preparation of illustrative exhibits, we have Adobe Illustrator, Photoshop, and InDesign. All staff has access to the most current Microsoft Office applications suite.

COMPONENT 4: VALIDATING IMPLEMENTATION

INTERNAL QA/QC: BKF will complete an internal review of all project documents. Under direct communication with the assigned Project Manager, Jason Kirchmann, PE, PLS will check the documents for errors, perform a constructability review, ensure our documents are coordinated with other disciplines, and suggest alternatives for cost savings. During this period all consultants on the team are required to review not only their own work, but evaluate the other disciplines designs to ensure there are no conflicts and design intent is consistent among the team members.

PROBABLE CONSTRUCTION COST: Evaluating the potential construction cost throughout the Project's life is essential to create a feasible project. BKF is consistently involved in the design and construction of numerous projects each month that provide excellent insight into construction trends and costs. With each submittal, BKF will prepare an opinion of cost to assist in developing a project budget.

With BKF's four-component approach, a detailed work plan, and continually monitoring, we believe that partnering is both aligned and reinforced. This ensures that the City together with BKF's leadership and the team's technical expertise, will meet its goals and objectives for a successful On-Call experience.

TYPICAL SCOPE OF SERVICES

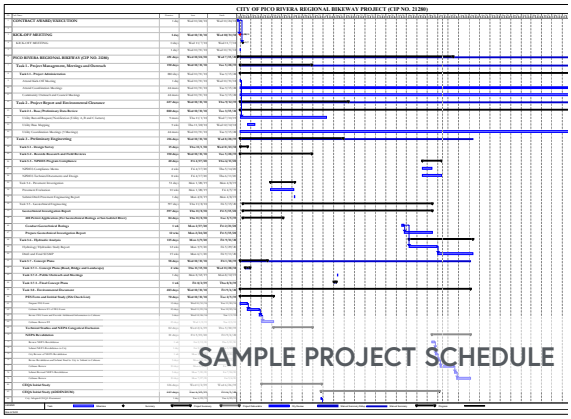
The BKF team is well organized to tackle the City of Pico Rivera's needs in a timely manner. We will assist the City in developing creative solutions to challenges as we have done so on previous projects. The continuity and long tenure of our staff is evidence that the personnel who we have committed to this On-Call will see the various projects through from start to finish. Each team member is cross trained and has a clear understanding of their role for each assignment. This will allow each team member to properly allocate their resources and make the necessary commitments to the project team. The following is a sample of our scope of services and will be revised according to the needs of each project issued by the City.

PROJECT MANAGEMENT

PROJECT MANAGEMENT: As Project Manager, Sheila Amparo, PE, QSD/P, will be responsible for the day-to-day management of the project design team, including the technical management of the project.

PROJECT KICKOFF MEETING/PUBLIC OUTREACH/PDT MEETINGS: BKF will develop the agenda, invite project team members and stakeholders and administer a project kick-off meeting. This meeting will confirm project scope, deliverables, schedule, communication conduits, invoicing, and establish future Project Development Team (PDT) meetings. BKF will prepare meeting minutes and distribute to all in attendance for review and concurrence. Our team will attend Project Development Meetings, Public Outreach, and City Council Meetings to support City Staff and the convey the Project goals.

MASTER PROJECT SCHEDULE/PROGRESS REPORTS: Upon receipt of a task order from the City, we will provide a Project Master Schedule in Microsoft Project to the City. The schedule will be updated and distributed during PDT meetings to confirm the Project is tracking according to expectations. BKF will prepare progress reports indicating current tasks, outstanding items, schedule monitoring, and future anticipated meetings. The progress reports will be prepared and submitted monthly to the City Project Manager prior to the 15th of every month for the duration of the project.



SAMPLE PROJECT SCHEDULE

MONTHLY INVOICING: BKF will collect, review and compile invoices from the design team on a monthly basis and will provide the City with the teams composite invoice. Invoices will delineate the current percent complete by task which along with the project schedule can be used to confirm effort, payment, and deliverables are in agreement.

PROJECT MANAGEMENT - DELIVERABLES

- Master Schedule and Updates
- Meeting Agendas and Minutes
- Invoices
- Monthly Status/Progress Reports
- Public Outreach Concept Plans and Drawings
- Public Outreach Materials

AGENCY AND UTILITY COORDINATION

STAKEHOLDER COMMUNICATION: We will engage with the project stakeholders during the early phase of work. The BKF team will reach out and communicate with the project stakeholders, and update the contact person as necessary. As part of this effort, we will:

- Make necessary contacts with districts, parks and recreation or other involved agencies concerning facilities to determine design requirements for the construction of new facilities and structures.
- Coordinate with all affected agencies, including school districts, utilities, irrigation districts and government agencies, as necessary.
- Communicate with property owners as necessary.

UTILITY RESEARCH AND COORDINATION: Our standard practice when starting a new project is to engage the utility companies early in the project, and pro-actively work with them to protect their utilities, or to determine ideal relocation routes. We start by establishing the lines of communication with utility companies present within the project area, such as City of Pico Rivera Municipal Utilities Company, Southern California Gas Company, Southern California Edison and coordinate with the City of Pico Rivera Public Works Department as needed, by sending out Utility "A" Letters requesting for their record drawings and as-builts.

Once we have received all the as-builts and record drawings from each agency, we will incorporate the existing facilities into the utility base mapping in AutoCAD format. Upon completion of the utility base mapping, we will schedule a meeting simultaneously with all third-party utility companies in an "all-hands" meeting. At that meeting, we will present the project and identify utilities needing relocation. Most importantly, we will discuss the timeline for when the utility requires relocation to maintain the project schedule. At this "all-hands" utility meeting, these utility companies are able to coordinate with each other and find opportunities to be in joint relocations reducing their construction costs and reduce their relocation schedules.

We will distribute the Utility "B" Letters with the composite utility plans, and request that they confirm their existing and future facilities. All the gathered utility information will update our comprehensive utility map and matrix that were used to supplement the project base sheets to provide a complete existing utility base. This level of effort will minimize construction costs and ensure the correct placement of the proposed improvements. As part of the utility coordination work, we will:

- Review and update as-built utility information
- Request utility mapping from all affected utility owners
- Update base mapping with existing utility information
- Based on our understanding of the utilities and the impact of our project on those utilities, we are not anticipating needing any potholing
- Submit utility maps to impacted utility owners for verification
- Identify potential utility conflicts
- Coordinate the above work with the utility owners

AGENCY & UTILITY COORDINATION - DELIVERABLES

- Utility Map and Matrix
- Utility Notification Letters

- Meeting Agendas and Minutes
- Utility Meetings
- Existing Conditions Base Mapping

PRELIMINARY ENGINEERING

DESIGN SURVEY: BKF will establish project controls, both vertically and horizontally, on the City datum and will set panels for the aerial survey. In areas where more detailed surveying will be required, BKF field crews will conduct a supplemental survey to gather information on critical points (i.e., CL, BCR, ECR, flow lines, edge of gutter) grades, utility structures, and other items necessary to complete the design. In addition, using available record information, BKF will review, research, and tie-in the existing right of way for the project limits.

Our survey crews utilize Leica and Trimble robotic total stations, Trimble R10 GPS receivers, and a Leica C10 & P40 high-definition laser scanner. Our computers include Dell desktops, laptops, and enterprise servers. We regularly invest in updates to our hardware and software including a full suite of Microsoft, Adobe, and Autodesk products. Scheduling is done with Microsoft Project. Our CAD software includes AutoCAD Civil 3D 2021 with AutoTurn, survey, and hydrology extensions. Electronic submittals can be provided in any format.

With the use of Leica P40 HDS Scanners, BKF has the ability to collect high resolution point cloud data at 1,000,000 points per second. The data gathered allows the ability to create 3-dimensional models of projects, including as-built surveys, topographical site surveys, roadway and highway surveys, ADA surveys, buildings, bridges, striping, and utility plants.

Typical Surveying Services include:

CONSTRUCTION STAKING
- Review plans
- Calculate offset points
- Prepare cut sheets
- Collect as-built stake location
- Perform field staking

RESEARCH
- Review title reports provided
- Review data provided by the City
- Research maps of record
- Research City/County road files/available field notes
- Research Caltrans records
- Calculate record information to identify title conflicts

GPS CONTROL
- Identify horizontal and vertical control datum
- Reconnaissance of existing control
- Pre–planning of static survey
- Field observations
- Post process data
- Prepare GPS Control Report

BOUNDARY SURVEY
- Calculate search ties for existing corners
- Field surveys to tie out found points to control net
- Adjustment of data
- Resolve discrepancies between record data & found evidence
- Prepare hardcopy of title information, found evidence and resolved boundary

RIGHT OF WAY MAPPING
- Review City right of way requirements
- Prepare appraisal maps and individual plats
- Prepare property descriptions and plats
- Monument right of way
- Prepare Record of Survey

TOPOGRAPHIC MAPPING
- Determine best method for topographic (topo) mapping based on client's needs
- If aerial mapping, provide photo control utilizing RTK or fast static GPS
- Perform on the ground topo mapping

ALTA
- Research maps and deeds of record
- Calculate record documents
- Locate field evidence of property corners and movements
- Boundary information
- Plot title exceptions & easements

3D LASER SCANNING
- Topo, as-built and monitoring surveys
- High speed data capture for future manipulation and extraction
- Geo-reference using onsite project control
- 3-D models
- Utilizes Leica C10 & P40 High-Definition Scanners

CONVENTIONAL SURVEYS
- Provide accurate, fast and efficient results for topographic surveys and construction staking
- Adaptable to project needs
- Provides highly repeatable results

RECORDS RESEARCH AND FIELD REVIEWS: We will perform site visits with the City Staff, especially its Maintenance Crew and the Design Team, to identify key issues and concerns, that may not be as apparent. This is the opportunity to not only identify key issues and concerns, but identify and determine the scope and limits of work. To minimize construction cost, we will work closely with the City staff to identify critical items of work and satisfy the City's vision in revitalizing its community. We will create an inventory of the field conditions, identifying areas that are non-ADA compliant to make recommendations to satisfy the standard requirements. As part of this task, a Field Condition Assessment Memo and a Photo Diary will be prepared and submitted.

NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PROGRAM COMPLIANCE: If required, our team can prepare an NPDES compliance memo which identifies the applicable NPDES Technical Documents and proposed Best Management Practices (BMPs). Possible Technical Documents may include, but are not limited to, a Water Quality Management Plan, Storm Water Pollution Prevention Plan (SWPPP), or Storm Water Pollution Control Program (WPCP) as required by the Regional Water Quality Control Board, Caltrans, or other state and federal agencies. A draft NPDES compliance memo will be submitted to the City for review and comments. Upon receiving of the review comments, the comments will be incorporated into the final NPDES compliance memo. Following NPDES compliance concurrence, the prescribed NPDES Technical Documents will be prepared.

PAVEMENT INVESTIGATION: On pavement rehabilitation projects, our Team will initially perform visual inspections. Based on the visual inspection of the existing pavement, we will identify the potential cause of any pavement failure such that an effective reconstruction/ rehabilitation strategy can be developed. We will explore the site's subgrade soil condition and provide recommendations for the structural pavement section, as well as grading requirements for construction of the pavement, curb, gutter, and sidewalk.

Should on-site infiltration using BMP facilities is planned, we will evaluate the percolation characteristics of the site soils using appropriate site-specific percolation tests. The feasibility evaluation of the proposed BMP facilities should appropriately address the depth to groundwater and settlement/hydro collapse concerns of underlying soils. We will prepare and submit the Draft and Final Geotechnical Investigation Report, as well as the electronic version to the City.

GEOTECHNICAL INVESTIGATION: BKF Engineers subconsultants, EMI or Ninyon & Moore, will provide, based on literature review, field explorations, laboratory testing, engineering analyses, and constructability reviews. The field exploration type, equipment, location, depth, and sampling pattern will be carefully selected so that required data is collected in an efficient manner. We will develop design solutions that are innovative yet practical and readily constructible, considering site constraints, design requirements, existing subsurface conditions, and long-term performance.

HYDROLOGY/HYDRAULICS/DRAINAGE IMPROVEMENTS: Based on the needs of a project, our Team will initiate the drainage design consistent with the concept design by performing a hydrology study of the drainage areas tributary to the project area. The hydrology study will typically consist of a Rational Method analysis performed with software developed by Advanced Engineering Software (AES). The software was designed to accept watershed data and perform Rational Method analyses in accordance with the Orange County Department of Public Works Hydrology Manual. The hydrology study will determine 10- and 25-year peak discharges at locations critical to flood water management.

Projects will be evaluated with respect to current water quality requirements as defined by the County's National Pollutant Discharge Elimination System (NPDES) Permit as issued by the Los Angeles Regional Water Quality Control Board. Once the requirements are established, preliminary plans for the implementation of storm water quality Best Management Practices (BMPs) will be developed in parallel with the design of the flood control elements of the Project. This parallel approach will result in an integrated water quality and flood control plan.

DRAFT CONCEPT PLANS: BKF will prepare the Draft Concept Plans that includes the critical elements of the project. These conceptual plans will depict the various design alternatives and aesthetic options the City will select from to progress to the Final Design. With the budget permitting, a 3D visualization in support of public presentations and council meetings may be developed. Photosimulations (a technique in which proposed conditions are superimposed on photographs) shall be used to convey the various alternatives to City Council and project stakeholders.

We will capture ground and aerial photography, which the City will be able to provide input on the preferred ground and aerial perspective for use in the photosimulations. The exhibits shall include:

- Existing and proposed view from an aerial perspective
- Existing and proposed view from a ground perspective

INITIAL STUDY: BKF Subconsultant, LSA, will prepare an Initial Study briefly summarizing the proposed project, the existing project setting, and potential project impacts related to each of the environmental resource topics contained in the Environmental Information Form, which is provided as Appendix G of the CEQA Guidelines.

The purpose of this Initial Study will be to provide the City with express findings related to each of these thresholds, thereby providing the City with the information needed to decide whether a Categorical Exemption is applicable to the proposed project. Otherwise if the Initial Study determines the Project may have significant impacts requiring mitigation then the Initial Study will serve as the basis for an IS/MND.

FINAL ENGINEERING

We will advance the preliminary concept plans to the final design level that have been reviewed and selected by the City.

PREPARATION OF PLANS, SPECIFICATIONS, AND ESTIMATES

Building on the Preliminary Engineering efforts, the Team will develop, as necessary, the following Construction Documents.

TITLE SHEET

Prepared to provide an overview of the project limits and an index of project sheets.

TYPICAL CROSS SECTIONS

Prepared to depict significant changes to the roadbed geometry and roadway features.

GENERAL AND CONSTRUCTION NOTES

Included in the construction plan documents for City requirements, such as general traffic control, BMPs, are clearly conveyed and satisfied by the contractor.

PLAN AND PROFILES (ROADWAY PLANS)

These plans will show roadway improvements including geometry, profiles, curb ramp locations, sidewalk improvements and pavement reconstruction areas.

CONSTRUCTION DETAIL SHEETS

Identify various elements of work which require additional detail or enlarged scales such as custom curb ramps and sidewalk transitions.

SIGNING AND STRIPING PLANS

Show the new signage and striping needs to incorporate the new improvements based on Manual Uniform Traffic Control Devices (MUTCD) standard requirements, and include striping for off-site parking stalls.

COMPOSITE UTILITY PLANS

Show the existing utilities as well as any relocations necessary due to the improvements associated with the project.

STREET LIGHTING PLANS

Developed and will be alternating to ensure foot-candle requirements are satisfied. Plans will include conductor/pullbox sizes and locations and service point location.

PLANTING AND IRRIGATION PLANS

Developed by landscape architect and will show the location and type of landscaping and irrigation system proposed for the project. These plans will reflect the planting palette approved by the City.

DRAINAGE SHEETS

Prepare and incorporate the findings of the Drainage Analysis and stormwater treatment in the plan and profile on the drainage sheets.

TRAFFIC SIGNAL MODIFICATION PLANS

Prepared for intersections and may, if the City necessitates, include mounting bicycle pedestrian signal heads on the traffic poles, rewiring of the intersection and the installation of new conduit for the bicycle pedestrian signalization, in conformance with Caltrans standards and MUTCD guidelines.

CONSTRUCTION STAGING/ TRAFFIC CONTROL PLANS

Prepared by traffic engineer, showing the logical sequence of the order of work. Traffic control plans will be developed for each stage of construction. Traffic control plans in conformance with MUTCD guidelines will show construction area signs, lane closures, and work zone areas of sufficient size to allow the Contractor to work efficiently.

COST ESTIMATES

The BKF team will develop a line item cost estimate matching the measurement and payment clauses in the specifications that will be used as the baseline estimate for the project throughout the design and into construction. Detailed construction cost estimates and quantity calculations will be submitted as part of each milestone PS&E submittal packages.

SPECIFICATIONS

We will prepare the specifications for all work items necessary for the construction of the Project. BKF will assemble data and assemble the appropriate Special Provisions consistent with County, State, Federal, and funding regulations.

PROJECT CONTROLS

BKF's project controls process helps assist our team in producing and delivering quality documents that meet the project delivery, cost and quality objectives. BKF will keep the City of Pico Rivera informed and will work to exceed expectations and maintain the project on schedule.

PROJECT MANAGEMENT

- PROJECT KICKOFF MEETING/PUBLIC OUTREACH/PDT MEETINGS: BKF will develop the agenda, invite project team members and stakeholders and administer a project kick-off meeting. This meeting will confirm project scope, deliverables, schedule, communication conduits, invoicing, and establish future Project Development Team (PDT) meetings. BKF will prepare meeting minutes and distribute to all in attendance for review and concurrence. Our team will attend Project Development Meetings, Public Outreach, and City Council Meetings to support City Staff and the convey the Project goals.
- MASTER PROJECT SCHEDULE/PROGRESS REPORTS: Upon receipt of Notice to Proceed (NTP) from the City, we will develop and deliver a Project Master Schedule in Microsoft Project to the City within 10 days. The schedule will be updated and distributed during PDT meetings to confirm the Project is tracking according to expectations. BKF will prepare progress reports indicating current tasks, outstanding action items, schedule monitoring, and future anticipated meetings. The progress reports will be prepared and submitted monthly to the City Project Manager prior to the 15th of every month for the duration of the project.
- MONTHLY INVOICING: BKF will collect, review and compile invoices from the design team on a monthly basis and will provide the City with the teams composite invoice. Invoices will delineate the current percent complete by task which along with the project schedule can be used to confirm effort, payment, and deliverables are in alignment.

DELIVERY CONTROL

- DEFINED SCHEDULE: A Microsoft Project schedule will be based on the work plan jointly developed by the City and BKF. At each phase, BKF will update the schedule which will incorporate time for the City to review the documents. Any deviations in the schedule will be discussed promptly with the City.
- OUTSTANDING ISSUES MATRIX: BKF will track all outstanding design and program issues in a matrix to facilitate discussions with the City and internal team. This matrix tracks design issues, costs and the schedule.
- SCHEDULE RECOVERY: If a delay in the schedule is encountered, either by the stakeholders or by the design team, BKF will develop a comprehensive revised schedule to bring the project back in compliance with the project delivery date. BKF will develop this plan, gain commitment from sub-consultants and present and gain agreement from the City. The plan will include staffing augmentations, possible concurrent activities, and a monitoring mechanism to ensure the schedule recovery remains on track. BKF has more than 450+ employees that are experienced in all aspects of municipal projects, which allows us to bring the staffing horsepower to the project to avoid slippage in schedules and maintain the City's delivery date.

COST CONTROL

- PROGRESS REPORTS: Our Project Manager will provide progress reports to the City to demonstrate the team is tracking with the project schedule. These reports will be comprehensive in nature to keep all design team members, City, and project Stakeholders appraised of the status of various tasks, any schedule
- CONSTRUCTION COST: BKF integrates cost estimates for each milestone delivery and compares to the baseline costs established early on in the project. During the initial tasks the BKF Team will refine the intent of the Concept Plan and develop a conceptual construction estimate in alignment with current construction costs due to inflation. BKF understands there are finite budgets associated with these capital improvement projects and will track and tailor the design accordingly.

QUALITY ASSURANCE /QUALITY CONTROL

QUALITY ASSURANCE PROGRAM: BKF will utilize Jason Kirchmann, PE, PLS as our dedicated Quality Assurance/Quality Control Manager. Jason's key role is to ensure the Quality Control procedures delineated below are closely followed and the procedure documented.

LEVEL 1: INTERNAL REVIEW - EACH DISCIPLINE IS REQUIRED TO CONDUCT AN INTERNAL REVIEW PERFORMED PRIOR TO EACH MILESTONE SUBMITTAL.

A senior staff member at the firm, other than on the design team, shall review the documents prepared by the design team. This review will require that all items on the documents be highlighted in yellow indicating the review has occurred and there are no exceptions to the document. This process is for the entire document (i.e. north arrows, station call-outs, profile grid designation, etc.).

- If the reviewer identifies an item on the document that is not correct, then it is marked in red. If the reviewer has comments for clarifications, then it is marked in green.
- After the review is complete, the document is returned to the design team with a signature (documentation) indicating the review is complete.
- The design team will review and address all items in red and meet with the reviewer on the items in green until a clarification allows for the reviewer to yellow the item, or a red mark is added.
- The design team will then resolve the red marks and return the reviewers original markup along with a clean print. The reviewer will document the comments that have been addressed by yellowing out the original red mark and placing yellow on the clean set, and signing the document.

LEVEL 2: INTER-DISCIPLINARY REVIEW - THIS REVIEW IS TO CONFIRM THAT THERE ARE NO INTER- DISCIPLINARY CONFLICTS AND OCCURS AT THE 95% AND FINAL SUBMITTAL MILESTONES.

- All disciplines provide their plans to BKF for collation. BKF will assemble the sets and distribute to the design team.
- Each discipline will review the others and similar to the process delineated in Level 1 above, marking in yellow, red, or green, and return to BKF for collation.
- A meeting will be held with all the disciplines in attendance, and the documents with all red or green comments will be discussed and resolved between disciplines.
- The resolutions will be marked in red and returned to the designer for incorporation as described above in the Level 1 procedure.

PICO RIVERA REGIONAL BIKEWAY
Pico Rivera, CA

BKF Engineers is leading the civil design for the Pico Rivera Bikeway Project, a 1.5-mile bicycle facility that will add a connection over the San Gabriel River. The project includes a Class I bike path along Mines Ave. from the Rio Hondo Channel to the San Gabriel River, a new bridge structure located north of Mines Ave. spanning the San Gabriel River and Class I and II bike lanes along Dunlap Crossing Rd. from the San Gabriel River to Norwalk Blvd. Additionally, there is a complete streets improvement along Mines Avenue from the Rio Hondo Channel to the San Gabriel River. The improvements on Mines Ave. include but are not limited to: pavement reconstruction; installation of bioswales; reconfiguration of parking lanes; upgrading street lights; traffic signal modifications at Rosemead Blvd and Mines Ave; and landscaping.

REFERENCE

City of Pico Rivera
Kenner Guerrero
6615 Passons Boulevard
Pico Rivera CA 90660
Ph. (562) 801-4351
kguerrero@pico-rivera.org

ROSECRANS PAVEMENT REHABILITATION PROJECT,
Buena Park, CA

As part of the City of Buena Park's pavement rehabilitation program, the City has identified the segment of Rosecrans Avenue between the eastern and western City Limits in the vicinity of Ralph B. Clark Regional Park as part of the 2020 construction cycle. Rosecrans has a longitudinal slope sufficient to not allow for ponding which in turn would lead to isolated flatwork/pavement failures. The landscape area are at the back of the sidewalk with large trees and tree roots damaging segments of sidewalk. The Project included localized sidewalk repair and tree root barriers. BKF's scope of work included; pavement rehabilitation, curb, gutter, cross gutter and sidewalk replacement and the installation of ADA compliant curb ramps.

REFERENCE

City of Buena Park
Teddy Luong, PE
6650 Beach Blvd.
Buena Park CA 90280
Ph. (714) 562-3689
tluong@buenapark.com

SOUTH GATE RESIDENTIAL RESURFACING PHASES I,II, & III
South Gate, CA

The Project includes the roadway, sidewalk, and ADA curb ramp improvements of the local streets at the westside of the City of South Gate. To the maximum extent practical, the design shall consider sustainability in pavement technologies, air quality, storm water treatment, water conservation, green streets technologies, complete streets, etc. BKF Engineers was selected to provide professional services, including preliminary engineering, surveying, civil design, preparation of plans, specifications and estimates (PS&E), assist during Construction Bidding Phase, provide Construction Support and assist in Project Closeout for the Citywide Residential Resurfacing Project.

REFERENCE

City of South Gate
Kenneth Tang, PE,
8650 California Avenue
South Gate CA 90280
Ph. (323) 563-9574
ktang@sogate.org

JAMBOREE/MAIN INTERSECTION ENHANCEMENTS, Irvine, CA

BKF with the Project Team developed a scenario that optimized the intersection traffic operations beyond the alternatives and scenarios identified in the RFP, and developed the Geometric Approval Drawing (GAD), preliminary design plans, and prepared the Project Report, Environmental Document, Preliminary Water Quality Management Plan. As part of the Project, traffic simulations were created for the Preferred Alternative/Scenario to be used during the Transportation and Planning Commissions, and the City Council. BKF also prepared right of way exhibits for each property impacted by the project improvements, which were used to discuss the project with the property owners.

REFERENCE

City of Irvine
Cheryl Lea
1 Civic Center Plaza
Irvine CA 92675
Ph. (949) 724-7313
clea@cityofirvine.org

LOS ALISOS BLVD./MUIRLANDS BLVD. INTERSECTION IMPROVEMENTS PROJECT, Lake Forest, CA

The intersection of Los Alisos Boulevard and Muirlands Boulevard is within a residential and community/regional park area, with Los Alisos Boulevard classified as a Major Arterial and Muirlands Boulevard as a Primary Arterial. With Muirlands being heavily travelled and used as an alternate route to the Interstate 5-Freeway during peak hours, the City saw the need and intends to construct second left turn lanes for all legs of the intersection. In order to accommodate the dual left lanes for the Los Alisos Boulevard/ Muirlands Boulevard Intersection Improvements Project.. With the build-out conditions at the intersection of Los Alisos Boulevard and Muirlands Boulevard, the opportunities for the widening occur on the east side of Muirlands Boulevard impacting the Los Alisos Intermediate School and El Toro Park on the upstream side of the Muirlands Bridge over the Los Alisos Creek.

REFERENCE

City of Lake Forest
Tran Tran
100 Civic Center Drive
Lake Forest CA 92630
Ph. (949) 467-3485
ttran@lakeforest.gov

BKF ENGINEERS PROFESSIONAL SERVICES RATE SCHEDULE

EFFECTIVE JANUARY 1, 2024

Rates effective for the duration of the contract

CLASSIFICATION	HOURLY RATE
PROJECT MANAGEMENT	
Principal	$314.00
Senior Associate Principal	$291.00
Associate Principal	$284.00
Senior Project Manager | Senior Technical Manager	$276.00
Project Manager | Technical Manager	$270.00
Engineering Manager | Surveying Manager | Planning Manager	$249.00
TECHNICAL STAFF	
Senior Project Engineer | Senior Project Surveyor | Senior Project Planner	$231.00
Project Engineer | Project Surveyor | Project Planner	$203.00
Design Engineer | Staff Surveyor | Staff Planner	$177.00
BIM Specialist I, II, III	$177.00 - $203.00 - $231.00
Technician I, II, III, IV	$168.00 - $179.00 - $197.00 - $211.00
Drafter I, II, III, IV	$132.00 - $145.00 - $156.00 - $174.00
Engineering Assistant | Surveying Assistant | Planning Assistant	$110.00
FIELD SURVEYING	
Survey Party Chief	$231.00
Instrument Person	$198.00
Survey Chainperson	$149.00
Utility Locator I, II, III, IV	$121.00 - $171.00 - $205.00 - $233.00
Apprentice I, II, III, IV	$92.00 - $123.00 - $135.00 - $144.00
CONSTRUCTION ADMINISTRATION	
Senior Consultant	$302.00
Senior Construction Administrator	$263.00
Resident Engineer	$196.00
Field Engineer I, II, III	$177.00 - $203.00 - $231.00
FUNDING & GRANT MANAGEMENT	
Director of Funding Strategies	$216.00
Funding Strategies Manager	$198.00
Funding/Research Analyst I, II, III, IV	$135.00 - $156.00 - $166.00 - $183.00
PROJECT ADMINISTRATION	
Project Coordinator	$148.00
Senior Project Assistant	$127.00
Project Assistant	$112.00
Clerical | Administrative Assistant	$94.00

Expert witness rates are available upon request.

Subject to the terms of a services agreement:

- Charges for outside services, equipment, materials, and facilities not furnished directly by BKF Engineers will be billed as reimbursable expenses at cost plus 10%. Such charges may include, but shall not be limited to: printing and reproduction services; shipping, delivery, and courier charges; subconsultant fees and expenses; agency fees; insurance; transportation on public carriers; meals and lodging; and consumable materials.
- Allowable mileage will be charged at the prevailing IRS rate per mile.
- Monthly invoices are due within 30 days from invoice date. Interest will be charged at 1.5% per month on past due accounts.

CITY OF PICO RIVERA – ON-CALL ENGINEERING SERVICES LSA

PRICING PROPOSAL

Job Classification	Hourly Rate[1,2]
Environmental/Technical Services	
Principal	$335
Associate Planner/Scientist/Technical Specialist	$245
Senior Planner/Scientist/Technical Specialist	$215
Traffic Engineer	$185
Planner/Scientist/Technical Specialist	$160
Assistant Planner/Scientist/Technical Specialist	$140
Field Services	
Senior Field Crew/Field Crew	$130
Office Services	
Senior GIS/Graphics	$195
Graphics/GIS	$155
Office Assistant	$105
Project Assistant	$125
Senior Technical Editor	$155
Word Processor/Technical Editor	$135

[1] The hourly rate for work involving actual expenses in court (e.g., giving depositions or similar expert testimony) will be billed at $400 per hour regardless of job classifications.

[2] These rates are valid for the entire duration of the contract (June 30, 2026).

LSA IN-HOUSE DIRECT EXPENSES [1]

Description		Unit Cost	Description	Unit Cost
Reproduction	(8.5 x 11) B/W	$0.07 per page	Total Station Surveying Instrument	$50.00 per day
Reproduction	(8.5 x 11) Color	$0.40 per page	Level (Laser or Optical)	$25.00 per day
Reproduction	(11 x 17) B/W	$0.10 per page	Laser Rangefinder	$25.00 per day
Reproduction	(11 x 17) Color	$0.75 per page	Sound Meter	$75.00 per day
CD Production		$5.00 per CD	Sound Meter with Velocity Transducer	$85.00 per day
USB Flash Drive		$5.00 per drive	Aerial Photo	Cost
Plotting		$3.75 per sq ft	Boat Rental	Cost
Aerial Drone		$200.00 per day	Water Quality Meter	$25.00 per day
Mileage	On-Road	Current federal rate	Night Vision Goggles	$50.00 per unit per night
Mileage	Off-Road	Current federal rate	Wildlife Camera	$25.00 per day
GPS Unit		$75.00 per day	Outside Reproduction	Cost

[1] Direct costs shall be reimbursed at cost plus 10 percent.

Earth Mechanics, Inc.
Geotechnical & Earthquake Engineering

EARTH MECHANICS, INC. FEE SCHEDULE
2024 – 2028

City of Pico Rivera
On-Call Engineering Services
Rates effective for the term of the PSA

Classification	Fully Burdened Hourly Rate
Principal/Senior Consultant	$ 334.00
Principal Engineer/Geologist	$ 333.00
Senior Engineer/Geologist	$ 247.00
Senior Project Geologist	$ 225.00
Project Engineer/Geologist	$ 192.00
Senior Staff Engineer/Geologist	$ 169.00
Staff Engineer/Geologist	$ 148.00
Senior Technician	$ 172.00
Technician*	$ 89.00
Project Analyst	$ 162.00

* Non-exempt staff subject to overtime pay per California law.

Reimbursable expenses including, but not limited to, drilling, traffic control, waste disposal, specialty testing, and private utility location services will be reimbursed at actual cost with supporting invoice.

Charges invoiced for travel, lodging, and subsistence shall not exceed the current Caltrans rates.

Combined Overhead Rate = 170.68%

Profit = 10 %

17800 Newhope Street, Suite B, Fountain Valley, California 92708 ● Tel: (714) 751-3826

Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

Schedule of Fees

Hourly Charges for Personnel

Professional Staff

Principal Engineer/Geologist/Environmental Scientist/Certified Industrial Hygienist	$ 250
Senior Engineer/Geologist/Environmental Scientist	$ 235
Senior Project Engineer/Geologist/Environmental Scientist	$ 220
Project Engineer/Geologist/Environmental Scientist	$ 210
Senior Staff Engineer/Geologist/Environmental Scientist	$ 200
Staff Engineer/Geologist/Environmental Scientist	$ 180
GIS Analyst	$ 160
Technical Illustrator/CAD Operator	$ 140

Field Staff

Certified Asbestos/Lead Technician	$ 220
Field Operations Manager	$ 150
Nondestructive Examination Technician (UT, MT, LP)	$ 145
Supervisory Technician	$ 140
Special Inspector (Concrete, Masonry, Structural Steel, Welding, and Fireproofing)	$ 135
Senior Technician	$ 135
Technician	$ 130

Administrative Staff

Information Specialist	$ 120
Geotechnical/Environmental/Laboratory Assistant	$ 120
Data Processor	$ 95

Other Charges

Concrete Coring Equipment (includes technician)	$ 190/hr
Anchor Load Test Equipment (includes technician)	$ 190/hr
GPR Equipment	$ 180/hr
Inclinometer	$ 100/hr
Hand Auger Equipment	$ 80/hr
Rebar Locator (Pachometer)	$ 25/hr
Vapor Emission Kit	$ 65/kit
Field Equipment	$ 12/hr
X-Ray Fluorescence	$ 70/hr
PID/FID	$ 25/hr
Air Sampling Pump	$ 10/hr
Field Vehicle	$ 15/hr
Expert Witness Testimony	$ 450/hr
Direct Expenses	Cost plus 15 %

Special equipment charges will be provided upon request.

Notes

For field and laboratory technicians and special inspectors, overtime rates at 1.5 times the regular rates will be charged for work performed in excess of 8 hours in one day Monday through Friday and all day on Saturday. Rates at twice the regular rates will be charged for all work in excess of 12 hours in one day, all day Sunday and on holidays.

Field technician and special inspection hours are charged at a 4-hour minimum, and 8-hour minimum for hours exceeding 4 hours.

Invoices are payable upon receipt. A service charge of 1.5 percent per month may be charged on accounts not paid within 30 days.

Our rates will be adjusted in conjunction with the increase in the Prevailing Wage Determination during the life of the project, as applicable.

Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

Schedule of Fees for Laboratory Testing

SOILS

Atterberg Limits, D 4318, CT 204	$ 170
California Bearing Ratio (CBR), D 1883	$ 550
Chloride and Sulfate Content, CT 417 & CT 422	$ 175
Consolidation, D 2435, CT 219	$ 300
Consolidation, Hydro-Collapse only, D 2435	$ 150
Consolidation – Time Rate, D 2435, CT 219	$ 200
Direct Shear – Remolded, D 3080	$ 350
Direct Shear – Undisturbed, D 3080	$ 300
Durability Index, CT 229	$ 175
Expansion Index, D 4829, IBC 18-3	$ 190
Expansion Potential (Method A), D 4546	$ 170
Geofabric Tensile and Elongation Test, D 4632	$ 200
Hydraulic Conductivity, D 5084	$ 350
Hydrometer Analysis, D 6913, CT 203	$ 220
Moisture, Ash, & Organic Matter of Peat/Organic Soils	$ 120
Moisture Only, D 2216, CT 226	$ 35
Moisture and Density, D 2937	$ 45
Permeability, CH, D 2434, CT 220	$ 300
pH and Resistivity, CT 643	$ 175
Proctor Density D1557, D 698, CT 216, AASHTO T-180	$ 220
Proctor Density with Rock Correction D 1557	$ 340
R-value, D 2844, CT 301	$ 375
Sand Equivalent, D 2419, CT 217	$ 125
Sieve Analysis, D 6913, CT 202	$ 145
Sieve Analysis, 200 Wash, D 1140, CT 202	$ 100
Specific Gravity, D 854	$ 125
Thermal Resistivity (ASTM 5334, IEEE 442)	$ 925
Triaxial Shear, C.D, D 4767, T 297	$ 550
Triaxial Shear, C.U., w/pore pressure, D 4767, T 2297 per pt	$ 450
Triaxial Shear, C.U., w/o pore pressure, D 4767, T 2297 per pt	$ 350
Triaxial Shear, U.U., D 2850	$ 250
Unconfined Compression, D 2166, T 208	$ 180

MASONRY

Brick Absorption, 24-hour submersion, 5-hr boiling, 7-day, C 67	$ 70
Brick Compression Test, C 67	$ 55
Brick Efflorescence, C 67	$ 55
Brick Modulus of Rupture, C 67	$ 50
Brick Moisture as received, C 67	$ 45
Brick Saturation Coefficient, C 67	$ 60
Concrete Block Compression Test, 8x8x16, C 140	$ 70
Concrete Block Conformance Package, C 90	$ 500
Concrete Block Linear Shrinkage, C 426	$ 200
Concrete Block Unit Weight and Absorption, C 140	$ 70
Cores, Compression or Shear Bond, CA Code	$ 70
Masonry Grout, 3x3x6 prism compression, C 39	$ 45
Masonry Mortar, 2x2 cube compression, C 109	$ 35
Masonry Prism, half size, compression, C 1019	$ 120
Masonry Prism, Full size, compression, C 1019	$ 200

REINFORCING AND STRUCTURAL STEEL

Chemical Analysis, A 36, A 615	$ 135
Fireproofing Density Test, UBC 7-6	$ 90
Hardness Test, Rockwell, A 370	$ 80
High Strength Bolt, Nut & Washer Conformance, per assembly, A 325	$ 150
Mechanically Spliced Reinforcing Tensile Test, ACI	$ 175
Pre-Stress Strand (7 wire), A 416	$ 170
Reinforcing Tensile or Bend up to No. 11, A 615 & A 706	$ 75
Structural Steel Tensile Test: Up to 200,000 lbs., A 370	$ 90
Welded Reinforcing Tensile Test: Up to No. 11 bars, ACI	$ 80

CONCRETE

Compression Tests, 6x12 Cylinder, C 39	$ 35
Concrete Mix Design Review, Job Spec	$ 300
Concrete Mix Design, per Trial Batch, 6 cylinder, ACI	$ 850
Concrete Cores, Compression (excludes sampling), C 42	$ 120
Drying Shrinkage, C 157	$ 400
Flexural Test, C 78	$ 85
Flexural Test, C 293	$ 85
Flexural Test, CT 523	$ 95
Gunite/Shotcrete, Panels, 3 cut cores per panel and test, ACI	$ 275
Lightweight Concrete Fill, Compression, C 495	$ 80
Petrographic Analysis, C 856	$ 2,000
Restrained Expansion of Shrinkage Compensation	$ 450
Splitting Tensile Strength, C 496	$ 100
3x6 Grout, (CLSM), C 39	$ 55
2x2x2 Non-Shrink Grout, C 109	$ 55

ASPHALT

Air Voids, T 269	$ 85
Asphalt Mix Design, Caltrans (incl. Aggregate Quality)	$ 4,500
Asphalt Mix Design Review, Job Spec	$ 180
Dust Proportioning, CT LP-4	$ 85
Extraction, % Asphalt, including Gradation, D 2172, CT 382	$ 250
Extraction, % Asphalt without Gradation, D 2172, CT 382	$ 150
Film Stripping, CT 302	$ 120
Hveem Stability and Unit Weight D 1560, T 246, CT 366	$ 225
Marshall Stability, Flow and Unit Weight, T 245	$ 240
Maximum Theoretical Unit Weight, D 2041, CT 309	$ 150
Moisture Content, CT 370	$ 95
Moisture Susceptibility and Tensile Stress Ratio, T 238, CT 371	$ 1,000
Slurry Wet Track Abrasion, D 3910	$ 150
Superpave, Asphalt Mix Verification (incl. Aggregate Quality)	$ 4,900
Superpave, Gyratory Unit Wt., T 312	$ 100
Superpave, Hamburg Wheel, 20,000 passes, T 324	$ 1,000
Unit Weight sample or core, D 2726, CT 308	$ 100
Voids in Mineral Aggregate, (VMA) CT LP-2	$ 90
Voids filled with Asphalt, (VFA) CT LP-3	$ 90
Wax Density, D 1188	$ 140

AGGREGATES

Clay Lumps and Friable Particles, C 142	$ 180
Cleanness Value, CT 227	$ 180
Crushed Particles, CT 205	$ 175
Durability, Coarse or Fine, CT 229	$ 205
Fine Aggregate Angularity, ASTM C 1252, T 304, CT 234	$ 180
Flat and Elongated Particle, D 4791	$ 220
Lightweight Particles, C 123	$ 180
Los Angeles Abrasion, C 131 or C 535	$ 200
Material Finer than No. 200 Sieve by Washing, C 117	$ 90
Organic Impurities, C 40	$ 90
Potential Alkali Reactivity, Mortar Bar Method, Coarse, C 1260	$ 1,250
Potential Alkali Reactivity, Mortar Bar Method, Fine, C 1260	$ 950
Potential Reactivity of Aggregate (Chemical Method), C 289	$ 475
Sand Equivalent, T 176, CT 217	$ 125
Sieve Analysis, Coarse Aggregate, T 27, C 136	$ 120
Sieve Analysis, Fine Aggregate (including wash), T 27, C 136	$ 145
Sodium Sulfate Soundness, C 88	$ 450
Specific Gravity and Absorption, Coarse, C 127, CT 206	$ 115
Specific Gravity and Absorption, Fine, C 128, CT 207	$ 175

ROOFING

Roofing Tile Absorption, (set of 5), C 67	$ 250
Roofing Tile Strength Test, (set of 5), C 67	$ 250

Special preparation of standard test specimens will be charged at the technician's hourly rate.
Ninyo & Moore is accredited to perform the AASHTO equivalent of many ASTM test procedures.

Stantec

PRICING PROPOSAL

Stantec Consulting Services Inc. Rates effective for the term of the PSA

LABOR CLASSIFICATION	HOURLY RATE
LEVEL 17	
Principal	$278.00
QA/QC Manager	$278.00
Sr. Transportation Specialist	$278.00
LEVEL 16	
Sr. Project Manager	$269.00
LEVEL 15	
Project Manager	$244.00
Sr. Architect	$244.00
Environmental Services Manager	$244.00
Structural Engineer	$244.00
Survey	$244.00
Mapping	$244.00
Right-of-Way Manager	$244.00
LEVEL 14	
Deputy Project Manager	$230.00
Task Manager	$230.00
Field Survey Manager	$230.00
Sr. Project Engineer	$230.00
Sr. Traffic Engineer	$230.00
Sr. Project Surveyor	$230.00
LEVEL 13	
Sr. Engineer	$219.00
Project Engineer	$219.00
Project Architect	$219.00
Project Surveyor	$219.00
Sr. Transportation Planner	$219.00
Geotechnical Engineer	$219.00
Landscape Architect	$219.00
Senior Scientist II	$219.00
Transportation Specialist	$219.00
Field Survey Coordinator	$219.00
Traffic Engineer II	$219.00
LEVEL 12	
Civil Engineer	$208.00
Architect	$208.00
Surveyor	$208.00
Transportation Planner	$208.00
Traffic Engineer I	$208.00
Design Engineer	$208.00
Architect Job Captain	$208.00
Senior Scientist I	$208.00

Stantec Consulting Services Inc.

Stantec

LABOR CLASSIFICATION	HOURLY RATE
LEVEL 11	
Engineering and Landscape Designer	$198.00
Survey Technician	$198.00
Associate Scientist II	$198.00
LEVEL 10	
Senior Designer	$182.00
CAD Technician	$182.00
Associate Scientist I	$182.00
Jr. Survey Technician	$182.00
Asst. Engineer III	$182.00
LEVEL 9	
Design Technician	$176.00
CAD Technician	$176.00
Asst. Engineer II	$176.00
Sr. Project Coordinator	$176.00
Project Scientist II	$176.00
Assistant Planner	$176.00
LEVEL 8	
Project Coordinator	$17000
Junior Engineer	$170.00
Asst. Engineer I	$170.00
Project Scientist I	$170.00
LEVEL 7	
Administrative Support	$160.00
Processing	$160.00
Lab Tech	$160.00
Staff Scientist III	$160.00
LEVEL 6	
Staff Scientist II	$150.00
LEVEL 5	
Staff Scientist I	$146.00
LEVEL 4	
Junior Level Position	$128.00
LEVEL 3	
Junior Level Position	$117.00
1-PERSON SURVEY CREW	$220.00
2-PERSON SURVEY CREW	$345.00
3-PERSON SURVEY CREW	$470.00
OVERTIME RATES	
1-PERSON SURVEY CREW OVERTIME RATE	$275.00
2-PERSON SURVEY CREW OVERTIME RATE	$455.00
3-PERSON SURVEY CREW OVERTIME RATE	$635.00
Reimbursable expenses will be billed at cost.	

Expert Witness Services carry a 50% premium on labor. Overtime may be charged at 1.5 times the standard billing rate. All labor rates are fixed for the term of the contract. If contract is extended beyond the original term, rates will be subject to increases.

T-2 2024

Stantec Consulting Services Inc.

MONUMENT
HOURLY RATE SCHEDULE

Right of Way Management & Implementation	
Program Manager / Principal	$290.00 per hour
Senior Project Manager / Sr. Utility Project Manager	$210.00 per hour
ROW Project Manager 2 / Utility Project Manager 2	$190.00 per hour
ROW Project Manager 1 / Utility Project Manager 1	$160.00 per hour
Utility Coordinator	$130.00 per hour
Senior Acquisition Agent / Senior Relocation Agent / Senior Analyst	$145.00 per hour
Acquisition Agent 2 / Relocation Agent 2 / Property Manager	$120.00 per hour
Acquisition Agent 1/ Relocation Agent 1	$110.00 per hour
Senior Project Coordinator	$120.00 per hour
Project Coordinator 2	$110.00 per hour
Project Coordinator 1	$100.00 per hour
Senior Project Analyst	$135.00 per hour
Project Analyst	$110.00 per hour
Researcher	$90.00 per hour
Project Support / Administrative	
Professional Staff	$85.00 per hour
Project Controller 2	$100.00 per hour
Project Controller 1	$75.00 per hour
Project Support Specialist	$75.00 per hour

The above hourly rates are exclusive of local travel/mileage, photocopying, first class postage and overnight courier service. These expenses including out-of-pocket expenses such as pre-approved travel and lodging, outside exhibit preparation, requested overnight courier or registered and/or certified mail (return receipt requested) charges, and specialty reproduction (unless otherwise specified) are in addition to the contract amount and will be charged at cost plus ten percent (+10%) for administration, coordination, and handling. Subcontracted services, other than those listed above, will be invoiced at cost plus ten percent (+10%).

In the event Monument is required to perform any act in relation to litigation arising out of any project with the Client (for example, expert consulting, responding to a complaint, or proceeding with discovery and trial), such services are not part of this contract, nor are they part of our normal fees. If required, these types of services will be invoiced at two times the regular hourly rates.

In the event this contract extends beyond the initial term of the PSA, the hourly rates and any remaining amount in the contract shall be adjusted upwardly by five percent (5%) per annum, compounded annually, on the anniversary date of this contract.

Written communication services in other languages would be an additional cost and would be billed separately based on quoted hourly rates by independent translation services. Verbal communication in Spanish, if necessary, will be included at no additional charge.

Monument will submit monthly invoices for the professional and trade services rendered based on the hourly rate schedule provided above. The client shall promptly pay the uncontested amount due within no more than thirty (30) days after receipt of invoice. Upon completion of services, the remaining unbilled amount of the project balance shall become immediately due and payable.

MIG

MIG Schedule of Fees/Hourly Rates 2024 through 2028

CLASSIFICATION	FIVE YEAR AVERAGE
Principal	$250
Senior Project Manager	$215
Project Manager	$205
Deputy Project Manager	$145
Landscape Architect	$150
Irrigation Designer	$180
Project Associate	$140
Senior Project Accountant	$190
Project Administrative Support	$115

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Schedule of Fees and General Terms

Personnel Charges - Professional Staff

Product Name	Units	Rate ($)
Project Engineer - Laboratory	HR	$190.00
Administrative	HR	$70.00
Principal Engineer - Office	HR	$220.00
Principal Engineer - Field	HR	$220.00
Principal Engineer - Consultation	HR	$220.00
Principal Engineer - Job Conference	HR	$220.00
Principal Engineer - Expert Witness	HR	$500.00
Project Engineer - Consultation	HR	$190.00
Principal Engineer - Court Appearance	HR	$600.00
Project Engineer - Office	HR	$190.00
Project Engineer - Field	HR	$190.00
Project Engineer - Job Conference	HR	$190.00
Staff Engineer - Office	HR	$145.00
Staff Engineer - Field	HR	$145.00
Drafting	HR	$110.00
Project Manager - Office	HR	$165.00
Principal Geologist - Field	HR	$200.00
Project Manager - Field	HR	$165.00
Project Manager - Job Conference	HR	$165.00
Principal Geologist - Office	HR	$200.00
Principal Geologist - Consultation	HR	$200.00
Principal Geologist - Job Conference	HR	$200.00
Principal Geologist - Expert Witness	HR	$450.00
Principal Geologist - Court Appearance	HR	$550.00
Project Geologist - Office	HR	$180.00
Qualified SWPPP Developer QSD	HR	$160.00
Project Geologist - Field	HR	$180.00
Project Geologist - Consultation	HR	$180.00
Project Geologist - Job Conference	HR	$180.00
Staff Geologist - Office	HR	$145.00
Staff Geologist - Field	HR	$145.00
Qualified SWPPP Practitioner QSP	HR	$150.00

Personnel Charges - Field Staff

Product Name	Units	Rate ($)
Soils Engineering Technician	HR	$130.00
Soils Technician Compaction Testing	HR	$130.00
Soils Technician Rough Grading	HR	$130.00
Soils Technician Retesting	HR	$130.00
Public Works Inspector	HR	$135.00
Public Works Technician	HR	$130.00
Public Works Inspector - Asphalt Paving	HR	$130.00
Public Works Inspector - Asphalt Plant	HR	$130.00
Public Works Inspector - Concrete Paving	HR	$130.00
Public Works Inspector - Concrete Plant	HR	$130.00
Public Works Technician - Asphalt	HR	$130.00
Public Works Technician - Concrete	HR	$130.00
Laboratory Technician - Field Lab	HR	$120.00
Lead Roadway and Structures Inspector	HR	$140.00
Structures Inspector	HR	$140.00
Roadway Inspector	HR	$130.00
Civil Inspector	HR	$135.00
Building Inspector	HR	$140.00

Equipment Charges

Product Name	Units	Rate ($)
Portable Drilling Equipment	HR	$750.00
Mobile Laboratory Trailer Mobilization	EA	$1,500.00
Mobile Laboratory Trailer & Testing Equipment	DAY	$700.00
Stationary Laboratory Trailer & Testing Equipment	MO	$1,500.00
Mileage	MILE	Quote
Diamond Bit Core Rig and Generator	DAY	$750.00
Nuclear Density Test Gauge	DAY	$35.00
Hand Held Turbidity Meter	DAY	$50.00
Ultrasonic Test Unit and Consumables	DAY	$100.00
Magnetic Particle Test Unit	DAY	$100.00

RMA Group is a multi dicipline firm with additional service sector rates that may not be inluded in the rates shown above . Full 8 page rates sheet available upon request

VICUS
Planning | Design | Environment

Name on Org Chart	Company Job Title	Hourly Rate**
Monica Villalobos	President | Principal	$274.07
Jason Cheng	Transportation Planner	$92.52
Gema Martinez- Castillo	Planner/Designer (If Needed)	82.01

**Hourly ratesreflect all costs for office overhead, including direct and indirect costs. The Schedule of Hourly Rates shall remain fixed for the term of the PSA.

RMA Group
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Schedule of Fees and General Terms

Skidmore	DAY	$80.00
Schmidt Hammer	DAY	$100.00
Torque Wrench	DAY	$80.00
Proof Load Testing Equipment	DAY	$150.00
Drilling Equip Mobilization / De-Mob	EA	$800.00
ASTM C1028 Coefficient of Friction	DAY	$800.00
Mini Environmental Quality Meter	DAY	$400.00
Inertial Profiler	DAY	$2,000.00
Materials / Supplies	LS	Quote
Holiday Tester	DAY	$250.00
VOC Meter	DAY	$200.00
Misc Permits	LS	Quote
Misc Fees	HR	Quote
Misc Subconsultant	LS	Quote
Set of Aerial Photographs	EA	Quote
Blueprinting	EA	Quote
Dutch Cone Penetrometer with Operator	HR	$875.00
Hollow Stem Auger Drill Rig w/ Operator	HR	$775.00
Portable Drilling Equipment w/ Operator	HR	$750.00
Bucket Auger Drill Rig with Operator	HR	$875.00
Air Rotary Drill Rig with Operator	HR	$900.00
Rotary Wash Drill Rig with Operator	HR	$950.00
Per Diem	DAY	$150.00

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Schedule of Fees and General Terms

TERMS AND CONDITIONS

GENERAL CHARGES

RMA Group requires twenty-four (24) hour prior notification for scheduling inspectors and/or technicians.

Inspection charges start at the scheduled show up time at the job site. All inspection hours will be billed in the following increments:

- There will be a minimum two (2) hour charge for any RMA Group employee presence on site.
- Any time less than four (4) hours of work will be billed as four (4) hours.
- Four (4) to eight (8) hours will be billed as eight (8) hours.

When personnel are required to work in excess of 5 hours without an uninterrupted meal period of 30 minutes, due to project constraints, ½ hour will be charged at double time rates in addition to any applicable hours worked.

Rates are valid through June 30, 2024. Rates for personnel will increase by 5% per year on July 1st of each subsequent year.

Outside services will be billed at cost plus 15% unless billed directly to and paid for by Client.

Requests made by client for management attendance at meetings at the project site will be charged at standard rate.

Administrative/clerical support will be charged at 3% of the monthly direct charges.

OVERTIME CHARGES

Work performed in excess of 8 hours per day and / or up to eight (8) hours on Saturdays will be billed at 1.50 times the unit rate.

Work performed on Sunday, recognized holidays, or in excess of eight (8) hours on Saturdays will be billed at 2.00 times the unit rate.

A 20% surcharge will be applied for laboratory tests performed on a Saturday or Sunday.

PER DIEM AND TRAVEL CHARGES

A $150.00 charge per day will be applied when our personnel are required to stay overnight at remote locations. Time will be billed at the unit rate while traveling to a remote location or if a location requires an overnight stay.

Mileage for travel outside a 50 mile radius from either the project site or the nearest RMA facility whichever is closest, will be charged at a rate of $0.60 per mile.

NIGHT WORK

A $10.00 per hour surcharge will be added to all personnel rates for work performed during night shifts.

Our Team has reviewed the City's Agreement provided in the RFP. While we can accept the Agreement, we would like to present the following edits for you consideration:

Section 5.2 - Consultant shall perform all work in a manner consistent with and limited to that degree of care and skill ordinarily exercised by members of the same profession concurrently practicing under similar circumstances at the same time and in the same or similar locality (the "Standard of Care"). ~~to the highest professional standards of consultants profession and in a manner reasonably satisfactory to City.~~

Section 15.1 - The Parties agree that City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers should, to the extent permitted by law, be fully protected from any loss, injury, damage, claim, lawsuit, cost, expense, attorneys' fees, litigation costs, or any other cost arising out of or in any way related to the negligent performance of this Agreement. Accordingly, the provisions of this indemnity provision are intended by the Parties to be interpreted and construed to provide the fullest extent permitted by ~~protection possible under the~~ law to City. Consultant acknowledges that City would not enter into this Agreement in the absence of Consultant's commitment to indemnify and protect City as set forth herein. Notwithstanding the foregoing, to the extent Consultant's services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

Section 15.2 - To the full extent permitted by law, Consultant shall indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any ~~alleged~~ intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant or any of its officers, employees, servants, agents, or subconsultants in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees. Notwithstanding the foregoing, to the extent Consultant's Services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant

Section 25 – ~~WARRANTIES~~ REPRESENTATIONS

CONTACT

CHRIS RIDEOUT, PE

(949) 526-8462

CRIDEOUT@BKF.COM

SHEILA AMPARO, PE

(949) 526-8478

SAMPARO@BKF.COM

BKF Engineers
4675 MacArthur Court, Suite 400
Newport Beach CA 92660
www.bkf.com

EXHIBIT B
APPROVED FEE SCHEDULE

(SCHEDULE OF HOURLY LABOR RATES AND REIMBURSABLE)

BKF ENGINEERS PROFESSIONAL SERVICES RATE SCHEDULE

EFFECTIVE JANUARY 1, 2024

Rates effective for the duration of the contract

CLASSIFICATION	HOURLY RATE
PROJECT MANAGEMENT	
Principal	$314.00
Senior Associate Principal	$291.00
Associate Principal	$284.00
Senior Project Manager | Senior Technical Manager	$276.00
Project Manager | Technical Manager	$270.00
Engineering Manager | Surveying Manager | Planning Manager	$249.00
TECHNICAL STAFF	
Senior Project Engineer | Senior Project Surveyor | Senior Project Planner	$231.00
Project Engineer | Project Surveyor | Project Planner	$203.00
Design Engineer | Staff Surveyor | Staff Planner	$177.00
BIM Specialist I, II, III	$177.00 - $203.00 - $231.00
Technician I, II, III, IV	$168.00 - $179.00 - $197.00 - $211.00
Drafter I, II, III, IV	$132.00 - $145.00 - $156.00 - $174.00
Engineering Assistant | Surveying Assistant | Planning Assistant	$110.00
FIELD SURVEYING	
Survey Party Chief	$231.00
Instrument Person	$198.00
Survey Chainperson	$149.00
Utility Locator I, II, III, IV	$121.00 - $171.00 - $205.00 - $233.00
Apprentice I, II, III, IV	$92.00 - $123.00 - $135.00 - $144.00
CONSTRUCTION ADMINISTRATION	
Senior Consultant	$302.00
Senior Construction Administrator	$263.00
Resident Engineer	$196.00
Field Engineer I, II, III	$177.00 - $203.00 - $231.00
FUNDING & GRANT MANAGEMENT	
Director of Funding Strategies	$216.00
Funding Strategies Manager	$198.00
Funding/Research Analyst I, II, III, IV	$135.00 - $156.00 - $166.00 - $183.00
PROJECT ADMINISTRATION	
Project Coordinator	$148.00
Senior Project Assistant	$127.00
Project Assistant	$112.00
Clerical | Administrative Assistant	$94.00

Expert witness rates are available upon request.

Subject to the terms of a services agreement:

- Charges for outside services, equipment, materials, and facilities not furnished directly by BKF Engineers will be billed as reimbursable expenses at cost plus 10%. Such charges may include, but shall not be limited to: printing and reproduction services; shipping, delivery, and courier charges; subconsultant fees and expenses; agency fees; insurance; transportation on public carriers; meals and lodging; and consumable materials.
- Allowable mileage will be charged at the prevailing IRS rate per mile.
- Monthly invoices are due within 30 days from invoice date. Interest will be charged at 1.5% per month on past due accounts.

CITY OF PICO RIVERA – ON-CALL ENGINEERING SERVICES LSA

PRICING PROPOSAL

Job Classification	Hourly Rate[1,2]
Environmental/Technical Services	
Principal	$335
Associate Planner/Scientist/Technical Specialist	$245
Senior Planner/Scientist/Technical Specialist	$215
Traffic Engineer	$185
Planner/Scientist/Technical Specialist	$160
Assistant Planner/Scientist/Technical Specialist	$140
Field Services	
Senior Field Crew/Field Crew	$130
Office Services	
Senior GIS/Graphics	$195
Graphics/GIS	$155
Office Assistant	$105
Project Assistant	$125
Senior Technical Editor	$155
Word Processor/Technical Editor	$135

[1] The hourly rate for work involving actual expenses in court (e.g., giving depositions or similar expert testimony) will be billed at $400 per hour regardless of job classifications.

[2] These rates are valid for the entire duration of the contract (June 30, 2026).

LSA IN-HOUSE DIRECT EXPENSES [1]

Description		Unit Cost	Description	Unit Cost
Reproduction	(8.5 x 11) B/W	$0.07 per page	Total Station Surveying Instrument	$50.00 per day
Reproduction	(8.5 x 11) Color	$0.40 per page	Level (Laser or Optical)	$25.00 per day
Reproduction	(11 x 17) B/W	$0.10 per page	Laser Rangefinder	$25.00 per day
Reproduction	(11 x 17) Color	$0.75 per page	Sound Meter	$75.00 per day
CD Production		$5.00 per CD	Sound Meter with Velocity Transducer	$85.00 per day
USB Flash Drive		$5.00 per drive	Aerial Photo	Cost
Plotting		$3.75 per sq ft	Boat Rental	Cost
Aerial Drone		$200.00 per day	Water Quality Meter	$25.00 per day
Mileage	On-Road	Current federal rate	Night Vision Goggles	$50.00 per unit per night
Mileage	Off-Road	Current federal rate	Wildlife Camera	$25.00 per day
GPS Unit		$75.00 per day	Outside Reproduction	Cost

[1] Direct costs shall be reimbursed at cost plus 10 percent.

Earth Mechanics, Inc.
Geotechnical & Earthquake Engineering

EARTH MECHANICS, INC. FEE SCHEDULE
2024 – 2028

City of Pico Rivera
On-Call Engineering Services
Rates effective for the term of the PSA

Classification	Fully Burdened Hourly Rate
Principal/Senior Consultant	$ 334.00
Principal Engineer/Geologist	$ 333.00
Senior Engineer/Geologist	$ 247.00
Senior Project Geologist	$ 225.00
Project Engineer/Geologist	$ 192.00
Senior Staff Engineer/Geologist	$ 169.00
Staff Engineer/Geologist	$ 148.00
Senior Technician	$ 172.00
Technician*	$ 89.00
Project Analyst	$ 162.00

* Non-exempt staff subject to overtime pay per California law.

Reimbursable expenses including, but not limited to, drilling, traffic control, waste disposal, specialty testing, and private utility location services will be reimbursed at actual cost with supporting invoice.

Charges invoiced for travel, lodging, and subsistence shall not exceed the current Caltrans rates.

Combined Overhead Rate = 170.68%

Profit = 10 %

17800 Newhope Street, Suite B, Fountain Valley, California 92708 ● Tel: (714) 751-3826

Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

Schedule of Fees

Hourly Charges for Personnel

Professional Staff

Principal Engineer/Geologist/Environmental Scientist/Certified Industrial Hygienist	$ 250
Senior Engineer/Geologist/Environmental Scientist	$ 235
Senior Project Engineer/Geologist/Environmental Scientist	$ 220
Project Engineer/Geologist/Environmental Scientist	$ 210
Senior Staff Engineer/Geologist/Environmental Scientist	$ 200
Staff Engineer/Geologist/Environmental Scientist	$ 180
GIS Analyst	$ 160
Technical Illustrator/CAD Operator	$ 140

Field Staff

Certified Asbestos/Lead Technician	$ 220
Field Operations Manager	$ 150
Nondestructive Examination Technician (UT, MT, LP)	$ 145
Supervisory Technician	$ 140
Special Inspector (Concrete, Masonry, Structural Steel, Welding, and Fireproofing)	$ 135
Senior Technician	$ 135
Technician	$ 130

Administrative Staff

Information Specialist	$ 120
Geotechnical/Environmental/Laboratory Assistant	$ 120
Data Processor	$ 95

Other Charges

Concrete Coring Equipment (includes technician)	$ 190/hr
Anchor Load Test Equipment (includes technician)	$ 190/hr
GPR Equipment	$ 180/hr
Inclinometer	$ 100/hr
Hand Auger Equipment	$ 80/hr
Rebar Locator (Pachometer)	$ 25/hr
Vapor Emission Kit	$ 65/kit
Field Equipment	$ 12/hr
X-Ray Fluorescence	$ 70/hr
PID/FID	$ 25/hr
Air Sampling Pump	$ 10/hr
Field Vehicle	$ 15/hr
Expert Witness Testimony	$ 450/hr
Direct Expenses	Cost plus 15 %

Special equipment charges will be provided upon request.

Notes

For field and laboratory technicians and special inspectors, overtime rates at 1.5 times the regular rates will be charged for work performed in excess of 8 hours in one day Monday through Friday and all day on Saturday. Rates at twice the regular rates will be charged for all work in excess of 12 hours in one day, all day Sunday and on holidays.

Field technician and special inspection hours are charged at a 4-hour minimum, and 8-hour minimum for hours exceeding 4 hours.

Invoices are payable upon receipt. A service charge of 1.5 percent per month may be charged on accounts not paid within 30 days.

Our rates will be adjusted in conjunction with the increase in the Prevailing Wage Determination during the life of the project, as applicable.

Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

Schedule of Fees for Laboratory Testing

SOILS

Atterberg Limits, D 4318, CT 204	$ 170
California Bearing Ratio (CBR), D 1883	$ 550
Chloride and Sulfate Content, CT 417 & CT 422	$ 175
Consolidation, D 2435, CT 219	$ 300
Consolidation, Hydro-Collapse only, D 2435	$ 150
Consolidation – Time Rate, D 2435, CT 219	$ 200
Direct Shear – Remolded, D 3080	$ 350
Direct Shear – Undisturbed, D 3080	$ 300
Durability Index, CT 229	$ 175
Expansion Index, D 4829, IBC 18-3	$ 190
Expansion Potential (Method A), D 4546	$ 170
Geofabric Tensile and Elongation Test, D 4632	$ 200
Hydraulic Conductivity, D 5084	$ 350
Hydrometer Analysis, D 6913, CT 203	$ 220
Moisture, Ash, & Organic Matter of Peat/Organic Soils	$ 120
Moisture Only, D 2216, CT 226	$ 35
Moisture and Density, D 2937	$ 45
Permeability, CH, D 2434, CT 220	$ 300
pH and Resistivity, CT 643	$ 175
Proctor Density D1557, D 698, CT 216, AASHTO T-180	$ 220
Proctor Density with Rock Correction D 1557	$ 340
R-value, D 2844, CT 301	$ 375
Sand Equivalent, D 2419, CT 217	$ 125
Sieve Analysis, D 6913, CT 202	$ 145
Sieve Analysis, 200 Wash, D 1140, CT 202	$ 100
Specific Gravity, D 854	$ 125
Thermal Resistivity (ASTM 5334, IEEE 442)	$ 925
Triaxial Shear, C.D, D 4767, T 297	$ 550
Triaxial Shear, C.U., w/pore pressure, D 4767, T 2297 per pt	$ 450
Triaxial Shear, C.U., w/o pore pressure, D 4767, T 2297 per pt	$ 350
Triaxial Shear, U.U., D 2850	$ 250
Unconfined Compression, D 2166, T 208	$ 180

MASONRY

Brick Absorption, 24-hour submersion, 5-hr boiling, 7-day, C 67	$ 70
Brick Compression Test, C 67	$ 55
Brick Efflorescence, C 67	$ 55
Brick Modulus of Rupture, C 67	$ 50
Brick Moisture as received, C 67	$ 45
Brick Saturation Coefficient, C 67	$ 60
Concrete Block Compression Test, 8x8x16, C 140	$ 70
Concrete Block Conformance Package, C 90	$ 500
Concrete Block Linear Shrinkage, C 426	$ 200
Concrete Block Unit Weight and Absorption, C 140	$ 70
Cores, Compression or Shear Bond, CA Code	$ 70
Masonry Grout, 3x3x6 prism compression, C 39	$ 45
Masonry Mortar, 2x2 cube compression, C 109	$ 35
Masonry Prism, half size, compression, C 1019	$ 120
Masonry Prism, Full size, compression, C 1019	$ 200

REINFORCING AND STRUCTURAL STEEL

Chemical Analysis, A 36, A 615	$ 135
Fireproofing Density Test, UBC 7-6	$ 90
Hardness Test, Rockwell, A 370	$ 80
High Strength Bolt, Nut & Washer Conformance, per assembly, A 325	$ 150
Mechanically Spliced Reinforcing Tensile Test, ACI	$ 175
Pre-Stress Strand (7 wire), A 416	$ 170
Reinforcing Tensile or Bend up to No. 11, A 615 & A 706	$ 75
Structural Steel Tensile Test: Up to 200,000 lbs., A 370	$ 90
Welded Reinforcing Tensile Test: Up to No. 11 bars, ACI	$ 80

CONCRETE

Compression Tests, 6x12 Cylinder, C 39	$ 35
Concrete Mix Design Review, Job Spec	$ 300
Concrete Mix Design, per Trial Batch, 6 cylinder, ACI	$ 850
Concrete Cores, Compression (excludes sampling), C 42	$ 120
Drying Shrinkage, C 157	$ 400
Flexural Test, C 78	$ 85
Flexural Test, C 293	$ 85
Flexural Test, CT 523	$ 95
Gunite/Shotcrete, Panels, 3 cut cores per panel and test, ACI	$ 275
Lightweight Concrete Fill, Compression, C 495	$ 80
Petrographic Analysis, C 856	$ 2,000
Restrained Expansion of Shrinkage Compensation	$ 450
Splitting Tensile Strength, C 496	$ 100
3x6 Grout, (CLSM), C 39	$ 55
2x2x2 Non-Shrink Grout, C 109	$ 55

ASPHALT

Air Voids, T 269	$ 85
Asphalt Mix Design, Caltrans (incl. Aggregate Quality)	$ 4,500
Asphalt Mix Design Review, Job Spec	$ 180
Dust Proportioning, CT LP-4	$ 85
Extraction, % Asphalt, including Gradation, D 2172, CT 382	$ 250
Extraction, % Asphalt without Gradation, D 2172, CT 382	$ 150
Film Stripping, CT 302	$ 120
Hveem Stability and Unit Weight D 1560, T 246, CT 366	$ 225
Marshall Stability, Flow and Unit Weight, T 245	$ 240
Maximum Theoretical Unit Weight, D 2041, CT 309	$ 150
Moisture Content, CT 370	$ 95
Moisture Susceptibility and Tensile Stress Ratio, T 238, CT 371	$ 1,000
Slurry Wet Track Abrasion, D 3910	$ 150
Superpave, Asphalt Mix Verification (incl. Aggregate Quality)	$ 4,900
Superpave, Gyratory Unit Wt., T 312	$ 100
Superpave, Hamburg Wheel, 20,000 passes, T 324	$ 1,000
Unit Weight sample or core, D 2726, CT 308	$ 100
Voids in Mineral Aggregate, (VMA) CT LP-2	$ 90
Voids filled with Asphalt, (VFA) CT LP-3	$ 90
Wax Density, D 1188	$ 140

AGGREGATES

Clay Lumps and Friable Particles, C 142	$ 180
Cleanness Value, CT 227	$ 180
Crushed Particles, CT 205	$ 175
Durability, Coarse or Fine, CT 229	$ 205
Fine Aggregate Angularity, ASTM C 1252, T 304, CT 234	$ 180
Flat and Elongated Particle, D 4791	$ 220
Lightweight Particles, C 123	$ 180
Los Angeles Abrasion, C 131 or C 535	$ 200
Material Finer than No. 200 Sieve by Washing, C 117	$ 90
Organic Impurities, C 40	$ 90
Potential Alkali Reactivity, Mortar Bar Method, Coarse, C 1260	$ 1,250
Potential Alkali Reactivity, Mortar Bar Method, Fine, C 1260	$ 950
Potential Reactivity of Aggregate (Chemical Method), C 289	$ 475
Sand Equivalent, T 176, CT 217	$ 125
Sieve Analysis, Coarse Aggregate, T 27, C 136	$ 120
Sieve Analysis, Fine Aggregate (including wash), T 27, C 136	$ 145
Sodium Sulfate Soundness, C 88	$ 450
Specific Gravity and Absorption, Coarse, C 127, CT 206	$ 115
Specific Gravity and Absorption, Fine, C 128, CT 207	$ 175

ROOFING

Roofing Tile Absorption, (set of 5), C 67	$ 250
Roofing Tile Strength Test, (set of 5), C 67	$ 250

Special preparation of standard test specimens will be charged at the technician's hourly rate.
Ninyo & Moore is accredited to perform the AASHTO equivalent of many ASTM test procedures.

Stantec

PRICING PROPOSAL

Stantec Consulting Services Inc. Rates effective for the term of the PSA

LABOR CLASSIFICATION	HOURLY RATE
LEVEL 17	
Principal	$278.00
QA/QC Manager	$278.00
Sr. Transportation Specialist	$278.00
LEVEL 16	
Sr. Project Manager	$269.00
LEVEL 15	
Project Manager	$244.00
Sr. Architect	$244.00
Environmental Services Manager	$244.00
Structural Engineer	$244.00
Survey	$244.00
Mapping	$244.00
Right-of-Way Manager	$244.00
LEVEL 14	
Deputy Project Manager	$230.00
Task Manager	$230.00
Field Survey Manager	$230.00
Sr. Project Engineer	$230.00
Sr. Traffic Engineer	$230.00
Sr. Project Surveyor	$230.00
LEVEL 13	
Sr. Engineer	$219.00
Project Engineer	$219.00
Project Architect	$219.00
Project Surveyor	$219.00
Sr. Transportation Planner	$219.00
Geotechnical Engineer	$219.00
Landscape Architect	$219.00
Senior Scientist II	$219.00
Transportation Specialist	$219.00
Field Survey Coordinator	$219.00
Traffic Engineer II	$219.00
LEVEL 12	
Civil Engineer	$208.00
Architect	$208.00
Surveyor	$208.00
Transportation Planner	$208.00
Traffic Engineer I	$208.00
Design Engineer	$208.00
Architect Job Captain	$208.00
Senior Scientist I	$208.00

Stantec Consulting Services Inc.

Stantec

LABOR CLASSIFICATION	HOURLY RATE
LEVEL 11	
Engineering and Landscape Designer	$198.00
Survey Technician	$198.00
Associate Scientist II	$198.00
LEVEL 10	
Senior Designer	$182.00
CAD Technician	$182.00
Associate Scientist I	$182.00
Jr. Survey Technician	$182.00
Asst. Engineer III	$182.00
LEVEL 9	
Design Technician	$176.00
CAD Technician	$176.00
Asst. Engineer II	$176.00
Sr. Project Coordinator	$176.00
Project Scientist II	$176.00
Assistant Planner	$176.00
LEVEL 8	
Project Coordinator	$17000
Junior Engineer	$170.00
Asst. Engineer I	$170.00
Project Scientist I	$170.00
LEVEL 7	
Administrative Support	$160.00
Processing	$160.00
Lab Tech	$160.00
Staff Scientist III	$160.00
LEVEL 6	
Staff Scientist II	$150.00
LEVEL 5	
Staff Scientist I	$146.00
LEVEL 4	
Junior Level Position	$128.00
LEVEL 3	
Junior Level Position	$117.00
1-PERSON SURVEY CREW	$220.00
2-PERSON SURVEY CREW	$345.00
3-PERSON SURVEY CREW	$470.00
OVERTIME RATES	
1-PERSON SURVEY CREW OVERTIME RATE	$275.00
2-PERSON SURVEY CREW OVERTIME RATE	$455.00
3-PERSON SURVEY CREW OVERTIME RATE	$635.00
Reimbursable expenses will be billed at cost.	

Expert Witness Services carry a 50% premium on labor. Overtime may be charged at 1.5 times the standard billing rate. All labor rates are fixed for the term of the contract. If contract is extended beyond the original term, rates will be subject to increases.

T-2 2024

Stantec Consulting Services Inc.

MONUMENT
HOURLY RATE SCHEDULE

Right of Way Management & Implementation	
Program Manager / Principal	$290.00 per hour
Senior Project Manager / Sr. Utility Project Manager	$210.00 per hour
ROW Project Manager 2 / Utility Project Manager 2	$190.00 per hour
ROW Project Manager 1 / Utility Project Manager 1	$160.00 per hour
Utility Coordinator	$130.00 per hour
Senior Acquisition Agent / Senior Relocation Agent / Senior Analyst	$145.00 per hour
Acquisition Agent 2 / Relocation Agent 2 / Property Manager	$120.00 per hour
Acquisition Agent 1/ Relocation Agent 1	$110.00 per hour
Senior Project Coordinator	$120.00 per hour
Project Coordinator 2	$110.00 per hour
Project Coordinator 1	$100.00 per hour
Senior Project Analyst	$135.00 per hour
Project Analyst	$110.00 per hour
Researcher	$90.00 per hour
Project Support / Administrative	
Professional Staff	$85.00 per hour
Project Controller 2	$100.00 per hour
Project Controller 1	$75.00 per hour
Project Support Specialist	$75.00 per hour

The above hourly rates are exclusive of local travel/mileage, photocopying, first class postage and overnight courier service. These expenses including out-of-pocket expenses such as pre-approved travel and lodging, outside exhibit preparation, requested overnight courier or registered and/or certified mail (return receipt requested) charges, and specialty reproduction (unless otherwise specified) are in addition to the contract amount and will be charged at cost plus ten percent (+10%) for administration, coordination, and handling. Subcontracted services, other than those listed above, will be invoiced at cost plus ten percent (+10%).

In the event Monument is required to perform any act in relation to litigation arising out of any project with the Client (for example, expert consulting, responding to a complaint, or proceeding with discovery and trial), such services are not part of this contract, nor are they part of our normal fees. If required, these types of services will be invoiced at two times the regular hourly rates.

In the event this contract extends beyond the initial term of the PSA, the hourly rates and any remaining amount in the contract shall be adjusted upwardly by five percent (5%) per annum, compounded annually, on the anniversary date of this contract.

Written communication services in other languages would be an additional cost and would be billed separately based on quoted hourly rates by independent translation services. Verbal communication in Spanish, if necessary, will be included at no additional charge.

Monument will submit monthly invoices for the professional and trade services rendered based on the hourly rate schedule provided above. The client shall promptly pay the uncontested amount due within no more than thirty (30) days after receipt of invoice. Upon completion of services, the remaining unbilled amount of the project balance shall become immediately due and payable.

MIG

MIG Schedule of Fees/Hourly Rates 2024 through 2028

CLASSIFICATION	FIVE YEAR AVERAGE
Principal	$250
Senior Project Manager	$215
Project Manager	$205
Deputy Project Manager	$145
Landscape Architect	$150
Irrigation Designer	$180
Project Associate	$140
Senior Project Accountant	$190
Project Administrative Support	$115

RMA Group
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Schedule of Fees and General Terms

Personnel Charges - Professional Staff

Product Name	Units	Rate ($)
Project Engineer - Laboratory	HR	$190.00
Administrative	HR	$70.00
Principal Engineer - Office	HR	$220.00
Principal Engineer - Field	HR	$220.00
Principal Engineer - Consultation	HR	$220.00
Principal Engineer - Job Conference	HR	$220.00
Principal Engineer - Expert Witness	HR	$500.00
Project Engineer - Consultation	HR	$190.00
Principal Engineer - Court Appearance	HR	$600.00
Project Engineer - Office	HR	$190.00
Project Engineer - Field	HR	$190.00
Project Engineer - Job Conference	HR	$190.00
Staff Engineer - Office	HR	$145.00
Staff Engineer - Field	HR	$145.00
Drafting	HR	$110.00
Project Manager - Office	HR	$165.00
Principal Geologist - Field	HR	$200.00
Project Manager - Field	HR	$165.00
Project Manager - Job Conference	HR	$165.00
Principal Geologist - Office	HR	$200.00
Principal Geologist - Consultation	HR	$200.00
Principal Geologist - Job Conference	HR	$200.00
Principal Geologist - Expert Witness	HR	$450.00
Principal Geologist - Court Appearance	HR	$550.00
Project Geologist - Office	HR	$180.00
Qualified SWPPP Developer QSD	HR	$160.00
Project Geologist - Field	HR	$180.00
Project Geologist - Consultation	HR	$180.00
Project Geologist - Job Conference	HR	$180.00
Staff Geologist - Office	HR	$145.00
Staff Geologist - Field	HR	$145.00
Qualified SWPPP Practitioner QSP	HR	$150.00

Personnel Charges - Field Staff

Product Name	Units	Rate ($)
Soils Engineering Technician	HR	$130.00
Soils Technician Compaction Testing	HR	$130.00
Soils Technician Rough Grading	HR	$130.00
Soils Technician Retesting	HR	$130.00
Public Works Inspector	HR	$135.00
Public Works Technician	HR	$130.00
Public Works Inspector - Asphalt Paving	HR	$130.00
Public Works Inspector - Asphalt Plant	HR	$130.00
Public Works Inspector - Concrete Paving	HR	$130.00
Public Works Inspector - Concrete Plant	HR	$130.00
Public Works Technician - Asphalt	HR	$130.00
Public Works Technician - Concrete	HR	$130.00
Laboratory Technician - Field Lab	HR	$120.00
Lead Roadway and Structures Inspector	HR	$140.00
Structures Inspector	HR	$140.00
Roadway Inspector	HR	$130.00
Civil Inspector	HR	$135.00
Building Inspector	HR	$140.00

Equipment Charges

Product Name	Units	Rate ($)
Portable Drilling Equipment	HR	$750.00
Mobile Laboratory Trailer Mobilization	EA	$1,500.00
Mobile Laboratory Trailer & Testing Equipment	DAY	$700.00
Stationary Laboratory Trailer & Testing Equipment	MO	$1,500.00
Mileage	MILE	Quote
Diamond Bit Core Rig and Generator	DAY	$750.00
Nuclear Density Test Gauge	DAY	$35.00
Hand Held Turbidity Meter	DAY	$50.00
Ultrasonic Test Unit and Consumables	DAY	$100.00
Magnetic Particle Test Unit	DAY	$100.00

RMA Group is a multi dicipline firm with additional service sector rates that may not be inluded in the rates shown above . Full 8 page rates sheet available upon request

VICUS
Planning | Design | Environment

Name on Org Chart	Company Job Title	Hourly Rate**
Monica Villalobos	President | Principal	$274.07
Jason Cheng	Transportation Planner	$92.52
Gema Martinez- Castillo	Planner/Designer (If Needed)	82.01

**Hourly ratesreflect all costs for office overhead, including direct and indirect costs. The Schedule of Hourly Rates shall remain fixed for the term of the PSA.

RMA Group
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Schedule of Fees and General Terms

Skidmore	DAY	$80.00
Schmidt Hammer	DAY	$100.00
Torque Wrench	DAY	$80.00
Proof Load Testing Equipment	DAY	$150.00
Drilling Equip Mobilization / De-Mob	EA	$800.00
ASTM C1028 Coefficient of Friction	DAY	$800.00
Mini Environmental Quality Meter	DAY	$400.00
Inertial Profiler	DAY	$2,000.00
Materials / Supplies	LS	Quote
Holiday Tester	DAY	$250.00
VOC Meter	DAY	$200.00
Misc Permits	LS	Quote
Misc Fees	HR	Quote
Misc Subconsultant	LS	Quote
Set of Aerial Photographs	EA	Quote
Blueprinting	EA	Quote
Dutch Cone Penetrometer with Operator	HR	$875.00
Hollow Stem Auger Drill Rig w/ Operator	HR	$775.00
Portable Drilling Equipment w/ Operator	HR	$750.00
Bucket Auger Drill Rig with Operator	HR	$875.00
Air Rotary Drill Rig with Operator	HR	$900.00
Rotary Wash Drill Rig with Operator	HR	$950.00
Per Diem	DAY	$150.00

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Schedule of Fees and General Terms

TERMS AND CONDITIONS

GENERAL CHARGES

RMA Group requires twenty-four (24) hour prior notification for scheduling inspectors and/or technicians.

Inspection charges start at the scheduled show up time at the job site. All inspection hours will be billed in the following increments:

- There will be a minimum two (2) hour charge for any RMA Group employee presence on site.
- Any time less than four (4) hours of work will be billed as four (4) hours.
- Four (4) to eight (8) hours will be billed as eight (8) hours.

When personnel are required to work in excess of 5 hours without an uninterrupted meal period of 30 minutes, due to project constraints, ½ hour will be charged at double time rates in addition to any applicable hours worked.

Rates are valid through June 30, 2024. Rates for personnel will increase by 5% per year on July 1st of each subsequent year.

Outside services will be billed at cost plus 15% unless billed directly to and paid for by Client.

Requests made by client for management attendance at meetings at the project site will be charged at standard rate.

Administrative/clerical support will be charged at 3% of the monthly direct charges.

OVERTIME CHARGES

Work performed in excess of 8 hours per day and / or up to eight (8) hours on Saturdays will be billed at 1.50 times the unit rate.

Work performed on Sunday, recognized holidays, or in excess of eight (8) hours on Saturdays will be billed at 2.00 times the unit rate.

A 20% surcharge will be applied for laboratory tests performed on a Saturday or Sunday.

PER DIEM AND TRAVEL CHARGES

A $150.00 charge per day will be applied when our personnel are required to stay overnight at remote locations. Time will be billed at the unit rate while traveling to a remote location or if a location requires an overnight stay.

Mileage for travel outside a 50 mile radius from either the project site or the nearest RMA facility whichever is closest, will be charged at a rate of $0.60 per mile.

NIGHT WORK

A $10.00 per hour surcharge will be added to all personnel rates for work performed during night shifts.

EXHIBIT C
TERMS FOR COMPLIANCE WITH CALIFORNIA LABOR LAW REQUIREMENTS

1. This Agreement calls for services that, in whole or in part, constitute "public works" as defined in Division 2, Part 7, Chapter 1 (commencing with Section 1720) of the California Labor Code ("Chapter 1"). Further, Consultant acknowledges that this Agreement is subject to (a) Chapter 1 and (b) the rules and regulations established by the Department of Industrial Relations ("DIR") implementing such statutes. Therefore, as to those Services that are "public works", Consultant shall comply with and be bound by all the terms, rules and regulations described in 1(a) and 1(b) as though set forth in full herein.

2. California law requires the inclusion of specific Labor Code provisions in certain contracts. The inclusion of such specific provisions below, whether or not required by California law, does not alter the meaning or scope of Section 1 above.

3. Consultant shall be registered with the Department of Industrial Relations in accordance with California Labor Code Section 1725.5, and has provided proof of registration to City prior to the Effective Date of this Agreement. Consultant shall not perform work with any subconsultant that is not registered with DIR pursuant to Section 1725.5. Consultant and subconsultants shall maintain their registration with the DIR in effect throughout the duration of this Agreement. If the Consultant or any subconsultant ceases to be registered with DIR at any time during the duration of the project, Consultant shall immediately notify City.

4. Pursuant to Labor Code Section 1771.4, Consultant's Services are subject to compliance monitoring and enforcement by DIR. Consultant shall post job site notices, as prescribed by DIR regulations.

5. Pursuant to Labor Code Section 1773.2, copies of the prevailing rate of per diem wages for each craft, classification, or type of worker needed to perform the Agreement are on file at City Hall and will be made available to any interested party on request. Consultant acknowledges receipt of a copy of the DIR determination of such prevailing rate of per diem wages, and Consultant shall post such rates at each job site covered by this Agreement.

6. Consultant shall comply with and be bound by the provisions of Labor Code Sections 1774 and 1775 concerning the payment of prevailing rates of wages to workers and the penalties for failure to pay prevailing wages. The Consultant shall, as a penalty to City, forfeit $200.00 for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the DIR for the work or craft in which the worker is employed for any public work done pursuant to this Agreement by Consultant or by any subconsultant.

7. Consultant shall comply with and be bound by the provisions of Labor Code Section 1776, which requires Consultant and each subconsultant to: keep accurate payroll records and verify such records in writing under penalty of perjury, as specified

in Section 1776; certify and make such payroll records available for inspection as provided by Section 1776; and inform City of the location of the records.

8. Consultant shall comply with and be bound by the provisions of Labor Code seq. concerning the employment of apprentices on public works projects. Consultant shall be responsible for compliance with these aforementioned Sections for all apprenticeable occupations. Prior to commencing work under this Agreement, Consultant shall provide City with a copy of the information submitted to any applicable apprenticeship program. Within 60 days after concluding work pursuant to this Agreement, Consultant and each of its subconsultants shall submit to City a verified statement of the journeyman and apprentice hours performed under this Agreement.

9. The Consultant shall not perform Work with any Subconsultant that has been debarred or suspended pursuant to California Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. The Consultant and Subconsultants shall not be debarred or suspended throughout the duration of this Contract pursuant to Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. If the Consultant or any subconsultant becomes debarred or suspended during the duration of the project, the Consultant shall immediately notify City.

10. Consultant acknowledges that eight hours labor constitutes a legal day's work. Consultant shall comply with and be bound by Labor Code Section 1810. Consultant shall comply with and be bound by the provisions of Labor Code Section 1813 concerning penalties for workers who work excess hours. The Consultant shall, as a penalty to City, forfeit $25.00 for each worker employed in the performance of this Agreement by the Consultant or by any subconsultant for each calendar day during which such worker is required or permitted to work more than eight hours in any one calendar day and 40 hours in any one calendar week in violation of the provisions of Division 2, Part 7, Chapter 1, Article 3 of the Labor Code. Pursuant to Labor Code section 1815, work performed by employees of Consultant in excess of eight hours per day, and 40 hours during any one week shall be permitted upon public work upon compensation for all hours worked in excess of eight hours per day at not less than one and one-half times the basic rate of pay.

11. California Labor Code Sections 1860 and 3700 provide that every employer will be required to secure the payment of compensation to its employees. In accordance with the provisions of California Labor Code Section 1861, Consultant hereby certifies as follows:

> "I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract."

12. For every subconsultant who will perform work on the project, Consultant shall be responsible for such subconsultant's compliance with Chapter 1 and Labor Code Sections 1860 and 3700, and Consultant shall include in the written contract between it and each subconsultant a copy of those statutory provisions and a requirement that each subconsultant shall comply with those statutory provisions. Consultant shall be required to take all actions necessary to enforce such contractual provisions and ensure subconsultant's compliance, including without limitation, conducting a periodic review of the certified payroll records of the subconsultant and upon becoming aware of the failure of the subconsultant to pay his or her workers the specified prevailing rate of wages. Consultant shall diligently take corrective action to halt or rectify any failure.

13. To the maximum extent permitted by law, Consultant shall indemnify, hold harmless and defend (at Consultant's expense with counsel reasonably acceptable to City) City, its officials, officers, employees, agents and independent consultants serving in the role of City officials, and volunteers from and against any demand or claim for damages, compensation, fines, penalties or other amounts arising out of or incidental to any acts or omissions listed above by any person or entity (including Consultant, its subconsultants, and each of their officials, officers, employees and agents) in connection with any work undertaken or in connection with the Agreement, including without limitation the payment of all consequential damages, attorneys' fees, and other related costs and expenses. All duties of Consultant under this Section shall survive the termination of the Agreement.

AGREEMENT NO. _____
PROFESSIONAL SERVICES AGREEMENT
BETWEEN THE CITY OF PICO RIVERA AND
YAO ENGINEERING, INC.

1. IDENTIFICATION

THIS PROFESSIONAL SERVICES AGREEMENT ("Agreement") is entered into by and between the City of Pico Rivera, a California municipal corporation ("City") and Yao Engineering, Inc., ("Consultant"). City and Consultant are sometimes hereinafter individually referred to as a "Party" and collectively referred to as "Parties."

2. RECITALS

2.1 City has determined that it requires professional services from a consultant to provide on-call engineering management services.

2.2 Consultant represents that it is fully qualified to perform such professional services by virtue of its experience and the training, education and expertise of its principals and employees. Consultant further represents that it is willing to accept responsibility for performing such services in accordance with the terms and conditions set forth in this Agreement.

NOW, THEREFORE, for and in consideration of the performance by the Parties of the mutual covenants and conditions herein contained, the Parties hereto agree as follows:

3. DEFINITIONS

3.1 "Scope of Services": Such professional services as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "A" and incorporated herein by this reference.

3.2 "Approved Fee Schedule": Such compensation rates as are set forth in the Consultant's February 14, 2024 proposal to City attached hereto as Exhibit "B."

3.3 "Commencement Date" : April 23, 2024

3.4 "Expiration Date" : June 30, 2029

4. TERM

The term of this Agreement shall commence at 12:00 a.m. on the Commencement Date and shall expire at 11:59 p.m. on the Expiration Date unless extended by written agreement of the Parties or terminated in accordance with Section 22 below.

5. CONSULTANT'S SERVICES

5.1 Consultant shall perform the services identified in the Scope of Services. City shall have the right to request, in writing, changes in the Scope of Services. Any such changes mutually agreed upon by the Parties, and any corresponding increase or decrease in compensation, shall be incorporated by written amendment to this Agreement. In no event shall the total compensation and costs payable to Consultant under this Agreement exceed the sum of Two Million Five Hundred Thousand Dollars ($2,500,000.00), unless specifically approved in advance, in writing, by City.

5.2 Consultant shall perform all work to the highest professional standards of Consultant's profession and in a manner reasonably satisfactory to City.

6. COMPENSATION

6.1 City agrees to compensate Consultant for the services provided under this Agreement, and Consultant agrees to accept in full satisfaction for such services, payment in accordance with the Approved Fee Schedule.

6.2 Consultant shall submit to City an invoice, on a monthly basis or less frequently, for the services performed pursuant to this Agreement. Each invoice shall itemize the services rendered during the billing period and the amount due. Within ten (10) business days of receipt of each invoice, City shall notify Consultant in writing of any disputed amounts included on the invoice. Within thirty (30) calendar days of receipt of each invoice, City shall pay all undisputed amounts included on the invoice. City shall not withhold applicable taxes or other authorized deductions from payments made to Consultant.

6.3 Payments for any services requested in writing by City and not included in the Scope of Services shall be made to Consultant by City on a time-and-materials basis using Consultant's standard fee schedule. Fees for such additional services shall be paid within sixty (60) days of the date Consultant issues an invoice to City for such services.

7. BUSINESS LICENSE

Consultant shall obtain a City of Pico Rivera business license prior to commencing performance under this Agreement.

8. COMPLIANCE WITH LAWS

Consultant shall keep informed of State, Federal and Local laws, ordinances, codes and regulations that in any manner affect those employed by it or in any way affect the performance of its services pursuant to this Agreement. Consultant shall at all times comply with such laws, ordinances, codes and regulations. Without limiting the generality

of the foregoing, if Consultant is an out-of-state corporation or LLC, it must be qualified and registered to do business in the State of California pursuant to sections 2105 and 17708.02 of the California Corporations Code. The City, its officers and employees shall not be liable at law or in equity occasioned by failure of Consultant to comply with this Section.

9. CONFLICT OF INTEREST

Consultant covenants that it presently has no interest and shall not acquire any interest, direct or indirect, which may be affected by the services to be performed by Consultant under this Agreement, or which would conflict in any manner with the performance of its services hereunder. During the term of this Agreement, Consultant shall not perform any work for another person or entity for whom Consultant was not working at the Commencement Date of this Agreement if both: (i) such work would require Consultant to abstain from a decision under this Agreement pursuant to a conflict of interest statute; and (ii) City has not consented in writing prior to Consultant's performance of such work.

10. PERSONNEL

Consultant represents that it has, or will secure at its own expense, all personnel required to perform the services identified in the Scope of Services. All such services shall be performed by Consultant or under its supervision, and all personnel engaged in the work shall be qualified to perform such services. Consultant reserves the right to determine the assignment of its own employees to the performance of Consultant's services under this Agreement, but City reserves the right, for good cause, to require Consultant to exclude any employee from performing services on City's premises. Felix Yao, Principal, shall be Consultant's project administrator and shall have direct responsibility for management of Consultant's performance under this Agreement. No change shall be made to Consultant's project administrator without City's prior written consent.

11. OWNERSHIP OF WRITTEN PRODUCTS

All reports, documents or other written material ("written products") developed by Consultant in the performance of this Agreement shall be and remain the property of City without restriction or limitation upon its use or dissemination by City. Consultant may take and retain copies of such written products as desired, but no such written products shall be the subject of a copyright application by Consultant. If any state, federal, or local law requires mandatory copyright protection for Consultant's work product, City shall comply with such laws to the extent feasible.

12. INDEPENDENT CONTRACTOR

12.1 Consultant is, and shall at all times remain as to City, a wholly independent contractor. Consultant shall have no power to incur any debt, obligation, or liability on behalf of City or otherwise to act on behalf of City as an agent. Neither City nor any of its officers, employees or agents shall have control over the conduct of Consultant or any of Consultant's employees, except as set forth in this Agreement. Consultant shall not at any time represent that it is, or that any of its agents or employees are, in any manner employees of City.

12.2 The Parties further acknowledge and agree that nothing in this Agreement shall create or be construed to create a partnership, joint venture, employment relationship, joint-employer relationship, or any other relationship between Consultant or Consultant's employees except as set forth in this Agreement.

12.3 City shall have no direct or indirect control over Consultant's employees or sub-consultants with respect to wages, hours, and working conditions. In addition, City shall not deduct from the Compensation paid to Consultant any sums required for Social Security, withholding taxes, FICA, state disability insurance or any other federal, state or local tax or charge which may or may not be in effect or hereinafter enacted or required as a charge or withholding on the compensation paid to Consultant, Consultant's employees or subconsultants. City shall have no responsibility to provide Consultant, its employees or subconsultants with workers' compensation insurance or any other insurance.

12.4 The Parties further acknowledges the following: (i) that Consultant shall provide the services outlined in the Scope of Services directly to City; (ii) Consultant maintains a business location at the address listed under Section 20 that is separate and distinct from the City; (iii) Consultant contracts with other businesses to provide the same or similar services and maintains a clientele without restriction from the City; (iv) Consultant advertises and holds itself out to the public as available to provide the same or similar services; (v) unless otherwise specified in this Agreement, Consultant provides its own tools, vehicles, and equipment necessary for performing the Scope of Services; (vi) Consultant has proposed and negotiated its own rates; and (vii) consistent with the nature and demands of the project and the City's business hours, Consultant may set its own hours and location of work.

13. CONFIDENTIALITY

All data, documents, discussion, or other information developed or received by Consultant or provided for performance of this Agreement are deemed confidential and shall not be disclosed by Consultant without prior written consent by City. City shall grant such consent if disclosure is legally required. Upon request, all City data and any copies thereof shall be returned to City upon the termination or expiration of this Agreement.

14. NON-LIABILITY OF CITY OFFICIALS AND EMPLOYEES

No official or employee of the City shall be personally liable to Consultant in the event of any default or breach by City, or for any amount which may become due to Consultant.

15. INDEMNIFICATION

15.1 The Parties agree that City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers should, to the extent permitted by law, be fully protected from any loss, injury, damage, claim, lawsuit, cost, expense, attorneys' fees, litigation costs, or any other cost arising out of or in any way related to the performance of this Agreement. Accordingly, the provisions of this indemnity provision are intended by the Parties to be interpreted and construed to provide the fullest protection possible under the law to City. Consultant acknowledges that City would not enter into this Agreement in the absence of Consultant's commitment to indemnify and protect City as set forth herein. Notwithstanding the foregoing, to the extent Consultant's services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.2 To the full extent permitted by law, Consultant shall indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant or any of its officers, employees, servants, agents, or subconsultants in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees. Notwithstanding the foregoing, to the extent Consultant's Services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

15.3 City shall have the right to offset against the amount of any compensation due Consultant under this Agreement any amount due to City from Consultant as a result of Consultant's failure to pay City promptly any indemnification arising under this Section 15 or related to Consultant's failure to either: (i) pay taxes on amounts received pursuant to this Agreement or (ii) comply with applicable workers' compensation laws.

15.4 The obligations of Consultant under this Section 15 will not be limited by the provisions of any workers' compensation act or similar act. Consultant expressly waives

its statutory immunity under such statutes or laws as to City, its officers, agents, employees and volunteers.

15.5 Consultant agrees to obtain executed indemnity agreements with provisions identical to those set forth here in this Section 15 from each and every subconsultant or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. In the event Consultant fails to obtain such indemnity obligations from others as required herein, Consultant agrees to be fully responsible and indemnify, hold harmless and defend City, its officers, agents, elected and appointed officials, employees, affiliated public agencies and volunteers from and against any and all claims, demands, lawsuits, causes of action, losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from or arising out of any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Consultant's subconsultants or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of City's choice and expert witness fees and consultant fees.

15.6 City does not, and shall not, waive any rights that it may possess against Consultant because of the acceptance by City, or the deposit with City, of any insurance policy or certificate required pursuant to this Agreement. This hold harmless and indemnification provision shall apply regardless of whether or not any insurance policies are determined to be applicable to the claim, demand, damage, liability, loss, cost or expense.

15.7 **PERS ELIGIBILITY INDEMNITY.** In the event that Consultant or any employee, agent, or subconsultant of Consultant providing services under this Agreement claims or is determined by a court of competent jurisdiction or the California Public Employees Retirement System (PERS) to be eligible for enrollment in PERS as an employee of the City, Consultant shall indemnify, defend, and hold harmless City for the payment of any employee and/or employer contributions for PERS benefits on behalf of Consultant or its employees, agents, or subconsultants, as well as for the payment of any penalties and interest on such contributions, which would otherwise be the responsibility of City.

Notwithstanding any other agency, state or federal policy, rule, regulation, law or ordinance to the contrary, Consultant and any of its employees, agents, and subconsultants providing service under this Agreement shall not qualify for or become entitled to, and hereby agree to waive any claims to, any compensation, benefit, or any incident of employment by City, including but not limited to eligibility to enroll in PERS as an employee of City and entitlement to any contribution to be paid by City for employer contribution and/or employee contributions for PERS benefits.

16. INSURANCE

16.1 During the term of this Agreement, Consultant shall carry, maintain, and keep in full force and effect insurance against claims for death or injuries to persons or damages to property that may arise from or in connection with Consultant's performance of this Agreement. Such insurance shall be of the types and in the amounts as set forth below:

16.1.1 Comprehensive general liability, and Umbrella or Excess Liability Insurance covering all operations by or on behalf of Consultant providing insurance for bodily injury liability and property damage liability for the following and including coverage for:

16.1.1.1 Premises, operations, and mobile equipment

16.1.1.2 Products and completed operations

16.1.1.3 Broad form property damage (including completed operations)

16.1.1.4 Explosion, collapse, and underground hazards

16.1.1.5 Personal Injury

16.1.1.6 Contractual liability

in the amount of One Million Dollars ($1,000,000) per occurrence combined single limit; Two Million Dollars ($2,000,000) aggregate for products/completed operation; Two Million Dollars ($2,000,000) general aggregate (General aggregate must apply separately to Consultant's work under this Agreement.); and Five Million Dollars ($5,000,000) umbrella or excess liability.

16.1.2 Automobile Liability Insurance for owned, hired and non-owned vehicles utilized by Consultant, its employees or subconsultants, in the amount of One Million Dollars ($1,000,000) per accident for bodily injury and property damage.

16.1.3 Worker's Compensation Insurance as required by the laws of the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than One Million Dollars ($1,000,000) per accident for bodily injury or disease.

16.1.4 Professional Liability Insurance against errors and omissions in the performance of the work under this Agreement with coverage limits of not less than One Million Dollars ($1,000,000) per occurrence of claim/ Two Million Dollars ($2,000,000) in the aggregate.

16.2 Consultant shall require each of its subconsultants, if any, to maintain insurance coverage that meets all of the requirements of this Agreement.

16.3 The policy or policies required by this Agreement shall be issued by an insurer admitted in the State of California and with a rating of at least A:VII in the latest edition of Best's Insurance Guide.

16.4 Consultant agrees that if it does not keep the aforesaid insurance in full force and effect City may either: (i) immediately terminate this Agreement; or (ii) take out the necessary insurance and pay, at Consultant's expense, the premium thereon.

16.5 At all times during the term of this Agreement, Consultant shall maintain on file with City's Risk Manager a certificate or certificates of insurance showing that the aforesaid policies are in effect in the required amounts and, for the general liability and automobile liability policies, naming the City as an additional insured. Consultant shall, prior to commencement of work under this Agreement, file with City's Risk Manager such certificate(s).

16.6 Consultant shall provide proof that policies of insurance required herein expiring during the term of this Agreement have been renewed or replaced with other policies providing at least the same coverage. Consultant shall provide such proof to City at least two weeks prior to the expiration of the coverages.

16.7 The general liability and automobile policies of insurance required by this Agreement shall contain an endorsement naming City, its officers, employees, agents and volunteers as additional insureds. All of the policies required under this Agreement shall contain an endorsement providing that the policies cannot be canceled or reduced except on thirty days' prior written notice to City. Consultant agrees to require its insurer to modify the certificates of insurance to delete any exculpatory wording stating that failure of the insurer to mail written notice of cancellation imposes no obligation, and to delete the word "endeavor" with regard to any notice provisions.

16.8 The general liability and automobile policies of insurance provided by Consultant shall be primary to any coverage available to City. Any insurance or self-insurance maintained by City, its officers, employees, agents or volunteers, shall be in excess of Consultant's insurance and shall not contribute with it.

16.9 All insurance coverage provided pursuant to this Agreement shall not prohibit Consultant, and Consultant's employees, agents or subconsultants, from waiving the right of subrogation prior to a loss. Consultant hereby waives all rights of subrogation against the City.

16.10 Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of City, Consultant shall either reduce or eliminate the deductibles or self-insured retentions with respect to City, or Consultant shall procure a bond guaranteeing payment of losses and expenses.

16.11 Procurement of insurance by Consultant shall not be construed as a limitation of Consultant's liability or as full performance of Consultant's duties to indemnify, hold harmless and defend under Section 15 of this Agreement.

16.12 If Consultant maintains broader coverage and/or higher limits than the minimums shown above, the City requires and shall be entitled to the broader coverage and/or the higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

17. MUTUAL COOPERATION

17.1 City shall provide Consultant with all pertinent data, documents and other requested information as is reasonably available to City for the proper performance of Consultant's services under this Agreement.

17.2 In the event any claim or action is brought against City relating to Consultant's performance in connection with this Agreement, Consultant shall render any reasonable assistance that City may require.

18. RECORDS AND INSPECTIONS

Consultant shall maintain full and accurate records with respect to all matters covered under this Agreement for a period of three years after the expiration or termination of this Agreement. City shall have the right to access and examine such records, without charge, during normal business hours. City shall further have the right to audit such records, to make transcripts therefrom and to inspect all program data, documents, proceedings, and activities.

19. PERMITS AND APPROVALS

Consultant shall obtain, at its sole cost and expense, all permits and regulatory approvals necessary in the performance of this Agreement. This includes, but shall not be limited to, encroachment permits and building and safety permits and inspections.

20. NOTICES

Any notices, bills, invoices, or reports required by this Agreement shall be deemed received on: (i) the day of delivery if delivered by hand, facsimile, email, or overnight courier service during Consultant's and City's regular business hours; or (ii) on the third business day following deposit in the United States mail if delivered by mail, postage prepaid, to the addresses listed below (or to such other addresses as the Parties may, from time to time, designate in writing).

If to City:

Steve Carmona, City Manager
City of Pico Rivera
PO Box 1016
6615 Passons Blvd.
Pico Rivera, California 90660-1016

If to Consultant:

Felix Yao, Principal
Yao Engineering, Inc.
60 N. Daisy Ave, Suite 2C
Pasadena, CA 91107

With a courtesy copy to:

Arnold M. Alvarez-Glasman, City Attorney
13181 Crossroads Parkway North
Suite 400 - West Tower
City of Industry, CA 91746

21. SURVIVING COVENANTS

The Parties agree that the covenants contained in Sections 13, 15 and Paragraph 17.2 of Section 17, of this Agreement shall survive the expiration or termination of this Agreement.

22. TERMINATION

22.1 City shall have the right to terminate this Agreement for any reason on five (5) calendar days' written notice to Consultant. Consultant shall have the right to terminate this Agreement for any reason on sixty (60) calendar days' written notice to City. The effective date of termination shall be upon the date specified in the notice of termination. Consultant agrees that in the event of such termination, City's obligation to pay Consultant shall be limited to payment only for those services satisfactorily rendered, as solely determined by the City, prior to the effective date of termination. Consultant agrees to cease all work under this Agreement on or before the effective date of any notice of termination. All City data, documents, objects, materials or other tangible things shall be returned to City upon the termination or expiration of this Agreement.

22.2 If City terminates this Agreement due to no fault or failure of performance by Consultant, then Consultant shall be paid based on the work satisfactorily performed, as solely determined by the City, at the time of termination. In no event shall Consultant be entitled to receive more than the amount that would be paid to Consultant for the full performance of the services required by this Agreement.

23. ASSIGNMENT

Consultant shall not delegate, transfer, subcontract or assign its duties or rights hereunder, either in whole or in part, without City's prior written consent, and any attempt

to do so shall be void and of no effect. City shall not be obligated or liable under this Agreement to any Party other than Consultant.

24. NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY

24.1 In the performance of this Agreement, Consultant shall not discriminate against any employee, subconsultant, or employment applicant because of race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation. Consultant will take affirmative action to ensure that subconsultants, employees, and employment applicants are treated without regard to their race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.2 Consultant will, in all solicitations or advertisements for employees placed by or on behalf of Consultant state either that it is an equal opportunity employer or that all qualified applicants will receive consideration for employment without regard to race, color, creed, religion, sex, marital status, national origin, ancestry, age, physical or mental handicap, medical condition or sexual orientation.

24.3 Consultant will cause the foregoing provisions to be inserted in all subcontracts for any work covered by this Agreement except contracts or subcontracts for standard commercial supplies or raw materials.

25. WARRANTIES

25.1 Each Party has received independent legal advice from its attorneys with respect to the advisability of entering into and executing this Agreement, or been provided with an opportunity to receive independent legal advice and has freely and voluntarily waived and relinquished the right to do so. Each Party who has not obtained independent counsel acknowledges that the failure to have independent legal counsel will not excuse such Party's failure to perform under this Agreement.

25.2 In executing this Agreement, each Party has carefully read this Agreement, knows the contents thereof, and has relied solely on the statements expressly set forth herein and has placed no reliance whatsoever on any statement, representation, or promise of any other party, or any other person or entity, not expressly set forth herein, nor upon the failure of any other party or any other person or entity to make any statement, representation or disclosure of any matter whatsoever.

25.3 It is agreed that each Party has the full right and authority to enter into this Agreement, and that the person executing this Agreement on behalf of either Party has the full right and authority to fully commit and bind such Party to the provisions of this Agreement.

26. CAPTIONS

26.1 The captions appearing at the commencement of the sections hereof, and in any paragraph thereof, are descriptive only and for convenience in reference to this Agreement. Should there be any conflict between such heading, and the section or paragraph thereof at the head of which it appears, the section or paragraph thereof, as the case may be, and not such heading, shall control and govern in the construction of this Agreement.

26.2 Masculine or feminine pronouns shall be substituted for the neuter form and vice versa, and the plural shall be substituted for the singular form and vice versa, in any place or places herein in which the context requires such substitution(s).

27. NON-WAIVER

27.1 The waiver by City or Consultant of any breach of any term, covenant or condition herein contained shall not be deemed to be a waiver of such term, covenant or condition or of any subsequent breach of the same or any other term, covenant or condition herein contained. In no event shall the making by City of any payment to Consultant constitute or be construed as a waiver by City of any breach of covenant, or any default which may then exist on the part of Consultant, and the making of any such payment by City shall in no way impair or prejudice any right or remedy available to City with regard to such breach or default. No term, covenant or condition of this Agreement shall be deemed to have been waived by City or Consultant unless in writing.

27.2 Each right, power and remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise shall be cumulative and shall be in addition to every other right, power, or remedy provided for herein or now or hereafter existing at law, in equity, by statute, or otherwise. The exercise, the commencement of the exercise, or the forbearance of the exercise by any Party of any one or more of such rights, powers or remedies shall not preclude the simultaneous or later exercise by such Party of any of all of such other rights, powers or remedies.

27.3 Consultant shall not be liable for any failure to perform if Consultant presents acceptable evidence, in City's sole judgment, that such failure was due to causes beyond the control and without the fault or negligence of Consultant.

28. COURT COSTS AND ATTORNEY FEES

In the event legal action shall be necessary to enforce any term, covenant or condition herein contained, the Party prevailing in such action, whether reduced to judgment or not, shall be entitled to its reasonable court costs, including accountants' fees and expert witness fees, if any, and attorneys' fees expended in such action. The venue for any litigation shall be Los Angeles County, California.

29. SEVERABILITY

If any term or provision of this Agreement or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable, then such term or provision shall be amended to, and solely to, the extent necessary to cure such invalidity or unenforceability, and in its amended form shall be enforceable. In such event, the remainder of this Agreement, or the application of such term or provision to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby, and each term and provision of this Agreement shall be valid and be enforced to the fullest extent permitted by law.

30. GOVERNING LAW

This Agreement shall be governed and construed in accordance with the laws of the State of California.

31. COUNTERPARTS

This Agreement may be signed in any one or more counterparts all of which taken together shall be but one and the same Agreement. Any signed copy of this Agreement or of any other document or agreement referred to herein, or copy or counterpart thereof, delivered by facsimile or email transmission, shall for all purposes be treated as if it were delivered containing an original manual signature of the Party whose signature appears in the facsimile or email and shall be binding upon such Party in the same manner as though an originally signed copy had been delivered.

32. ENTIRE AGREEMENT

All documents referenced as exhibits in this Agreement are hereby incorporated in this Agreement. In the event of any material discrepancy between the express provisions of this Agreement and the provisions of any document incorporated herein by reference, the provisions of this Agreement shall prevail. This instrument contains the entire Agreement between City and Consultant with respect to the transactions contemplated herein. No other prior oral or written agreements are binding upon the Parties. Amendments hereto or deviations herefrom shall be effective and binding only if made in writing and executed by City and Consultant.

[This section intentionally left blank]

TO EFFECTUATE THIS AGREEMENT, the Parties have caused their duly authorized representatives to execute this Agreement on the dates set forth below.

"CITY" CITY OF PICO RIVERA	"CONSULTANT" YAO ENGINEERING, INC.
_____ Andrew C. Lara, Mayor	_____ Felix Yao, Principal
Dated: _____	Dated: _____
ATTEST:	**APPROVED AS TO FORM:**
_____ Cynthia Ayala, City Clerk	_____ Arnold M. Alvarez-Glasman, City Attorney

EXHIBIT A
SCOPE OF SERVICES

YAO ENGINEERING

January 17, 2024

Mr. Noe Negrete
Director of Public Works
City of Pico Rivera

Request for Proposal (RFP) No. PR-RFP-037
Proposal for On-Call Engineering Services

Yao Engineering, Inc. (Yao Engineering) is pleased to submit our Statement of Qualifications (SOQ) to provide Professional Electrical, Instrumentation, and Controls Engineering and Mechanical, Plumbing, and Fire Protection Engineering Services.

Yao Engineering was incorporated in 2018 in the State of California and has a single office located in Pasadena. Yao Engineering is a certified DBE, MBE, SBE, and 8(a) firm. Our key personnel have worked together for over 9 years dating back to when we worked together at CDM Smith.

Yao Engineering is currently one of Pico Rivera's On-Call Engineers via the On-Call Engineering Services RFP issued in November 2019. Through this contracting vehicle, we have provided two (2) plan reviews for Pico Rivera: peer review of the PFAS Project that Jacobs is providing at the three (3) Water Plants and Well No.5 and peer review of the City Yard Generator. Additionally, we have designed four (4) additional projects under this same contract vehicle for Pico Rivera.

Yao Engineering's FEIN is 82-4919022. All information within our proposal is true and correct. We acknowledge all addenda to this RFP. Our proposal is valid for 90 calendar days from the date of submittal.

If you have questions or need additional information, please feel free to contact Felix Yao. We look forward to continuing to work with the City of Pico Rivera to deliver each of the task orders from this on-call contract to meet the objectives of the scope, to stay within the budget, and to stay on schedule.

Very Truly Yours,

Felix Yao, P.E.
Principal
60 N Daisy Ave, Suite 2C, Pasadena, CA. 91107
(407) 493-4941
fyao@yaoengineering.com

YAO ENGINEERING

SECTION B. QUALIFICATIONS OF THE FIRM

Yao Engineering Profile

Yao Engineering, Inc. was founded in 2018 and specializes in providing Mechanical, Electrical, Instrumentation and Controls, Plumbing, and Fire Protection Engineering Services. Yao Engineering was incorporated in February 2018 in California and has a single headquarter office in Pasadena. Our Principal is located in our Pasadena office, while the remainder of the proposed staff are located in work-from-home offices in Florida and Pennsylvania. Yao Engineering's proposed staffing is shown in Section C.

Yao Engineering Financial Condition

Yao Engineering's financial stability has continued to increase every year since our inception. Since our inception we have never applied for bankruptcy, have not had and do not currently have any pending litigation or outstanding claims, and have no plans to close offices or merge with another firm that will impede our ability to execute our services in accordance with this proposal.

Yao Engineering Past Experience

Felix, Mike, and Josh have been working together for 9+ years dating back to our time at CDM Smith, where Felix led the Southwest Electrical Group, Mike led the Southeast Electrical Group, and Josh led the Southeast Mechanical Group. Many times Felix was the peer review for Mike's designs and vice versa, while Josh was on our multidisciplinary teams so there were numerous projects where we had to review each other's designs during the interdisciplinary reviews. Below is a sample list of projects where Felix, Mike, and Josh worked together:

Client – Project Name	Roles and Responsibilities		
	Felix	Mike	Josh
LADWP – Arc Flash Projects	Lead Electrical	QA/QC Electrical	N/A
LADWP – Owens Lake	Lead Electrical	QA/QC Electrical	Lead Mechanical
Broward County – Lift Station	QA/QC Electrical	Lead Electrical	Lead Mechanical
PWP – Generator Tap Boxes	Lead Electrical	QA/QC Electrical	N/A
Pico Rivera – Water Plant No.3	Lead Electrical	QA/QC Electrical	N/A
Pico Rivera – Well No.5	Lead Electrical	QA/QC Electrical	N/A
SoCalGas – EV Charging Stations	Lead Electrical	QA/QC Electrical	N/A
Pasadena – Arroyo Seco Stormwater Capture	Lead Electrical	QA/QC Electrical	N/A
Paramount – Spane Park Stormwater Capture	Lead Electrical	QA/QC Electrical	N/A
Glendora – Finkbiner Park Stormwater Capture	Lead Electrical	QA/QC Electrical	N/A
LA – Puente Hills Landfill	Lead Electrical	QA/QC Electrical	N/A
San Jose Water – Williams PFAS	Lead Electrical	QA/QC Electrical	N/A
Lynwood – Lynwood Park Stormwater Capture	Lead Electrical	QA/QC Electrical	N/A
MWD – Security Upgrades	Lead Electrical	QA/QC Electrical	N/A
Mendocino – Critical Facilities Generators	Lead Electrical	QA/QC Electrical	Lead Mechanical

YAO ENGINEERING

Yao Engineering Strength and Stability

Yao Engineering continues to grow quarter over quarter and year over year. We have worked exclusively for Municipalities and Public and Private Utility Agencies since our inception in 2018. We are either the prime consultant or the sub-consultant to these Agencies:

Yao Engineering is a sub-consultant to these major engineering firms supporting their major projects:

Yao Engineering has been awarded multi-year On-call Electrical Engineering prime contracts with:

- City of Pico Rivera
- Pasadena Water and Power
- City of Corona
- City of Montclair
- County of Santa Barbara
- City of Anaheim
- Three Valleys Metropolitan Water District
- Long Beach Utilities
- City of Azusa
- City of Chino
- South Coast Water District

In addition to our licensed Professional Engineers (PE's): Felix, Mike, Josh, and Adam. We also have senior engineers, junior engineers, and CAD designers that are able to support projects on an as-needed basis. Only the licensed PE's are shown in this proposal to condense the proposal length.

Felix and Josh would be the primary engineers for their respective disciplines. Mike and Adam would primarily be responsible for independent QA/QC of deliverables. Our current workload provides the flexibility to meet any volume of work that could be produced under this contract.

Yao Engineering has completed every project to the satisfaction of the Client and have a proven track record of staying on schedule on 97% of our projects. For the projects that were not on schedule, it was due to circumstances outside of our control. Due to our successful history, our repeat Clients represent a vast majority of our current workload and backlog.

YAO ENGINEERING

SECTION C. PROPOSED STAFFING

Table 1: Summary of Proposed Staffing

Name	Role	Degree	License	Years of Work Experience
Felix Yao	Principal	BSEE	PE – Electrical	20
Mike Cahill	Senior Electrical Engineer	BSEE	PE – Electrical	18
Josh Goenner	Senior Electrical Engineer	BSEE		22
Greg Ward	Junior Electrical Engineer	BSEE	EIT – Electrical	9
Josh Meinig	Senior Mechanical Engineer	BSME	PE – Mechanical	17
Adam Barney	Senior Mechanical Engineer	BSME	PE – Mechanical	20
Simon Rojas	Junior Mechanical Engineer	BSME	EIT – Mechanical	9
Zach Schlueb	Junior Mechanical Engineer	BSME	EIT – Mechanical	5
Samuel King	Junior Mechanical Engineer	BSME		4

Felix Yao:

Felix graduated with a Bachelor of Science in Electrical Engineering (BSEE) from Kettering University and began his career at Jones Edmunds, where he designed facilities for NASA at Kennedy Space Center. Felix took the next step in his career at Tetra Tech and CDM Smith where he served local municipalities and the Federal government on international projects designing Electrical and Instrumentation (E&I) systems.

At Tetra Tech, Felix led the E&I Group responsible for all the projects in the Southeast US, while at CDM Smith, Felix led the Electrical Group responsible for all the projects in the Western US. At Tetra Tech and CDM Smith, Felix's responsibilities included project management; leading the E&I designs; peer reviews and QA/QC of design deliverables; analysis, evaluation, and troubleshooting of issues within existing electrical systems and individual components; and construction inspections.

Mike Cahill:

Mike graduated with a BSEE from University of Central Florida. Upon graduation Mike began his career at CDM Smith, where he learned how to design electrical systems and provide engineering services during construction on municipal projects throughout the Southeast US. Mike's reputation grew quickly and was assigned to projects throughout the US and internationally.

Before leaving CDM Smith Mike rose to become a Project Manager who led multi-discipline teams. At CDM Smith, Mike and Felix were selected for a program that included 2 members of each discipline to revamp the QA/QC procedure and training. We've adopted the same QA/QC procedures and protocols.

Josh Meinig:

Josh has more than 17 years of experience in the specialties of building mechanical systems for commercial, institutional, governmental and industrial projects. His specific design experience includes heating, ventilation, and air conditioning; plumbing; fire protection design; fueling system design; compressed air system design; chilled water design; boiler design; and construction administration for water and wastewater treatment plants and various other projects, including more than 25 pipeline projects and more than 100 pump station projects. He has extensive experience with codes and standards, including the Florida Building Code; International Building Code; American Society of Heating,

Refrigerating, and Air Conditioning Engineers Standards, including 62 and 90.1; and National Fire Protection Association Standards, including 30, 37, 90A, 90B, and 820.

Adam Barney:

Adam has more than 20 years of professional experience in mechanical engineering. His specialization is in the commercial and industrial mechanical design of HVAC, plumbing, and mechanical systems. Adam strives to incorporate an efficient and effective approach to mechanical systems that are elegant and innovative to provide an aesthetic, cost effective, and practical solution. He has worked on projects for clients such as Walt Disney World, Homewood Suites and UPS. In addition, he has been involved in the design of mechanical systems for a variety of hotel, restaurant, residential / commercial buildings, and numerous aviation facilities. Adam graduated from the University of Central Florida with his B.S. in Mechanical Engineering.

Proposed Staff Availability:

Proposed staff shall be available for the duration of the contract, unless extreme situations dictate otherwise (e.g. termination of employment, death, extended medical leave, etc.). In the event a proposed staff becomes unavailable, this will be communicated with Pico Rivera immediately and the other discipline lead will assume the responsibilities.

Resumes of Project Team:

In order to reduce the length of our proposal, the only staff descriptions and resumes included are for our Licensed Professional Engineers in Appendix A.

SECTION D. CONSULTANTS AND/OR SUB-CONSULTANTS

Yao Engineering has the internal expertise to provide Mechanical, Electrical, Instrumentation and Control, Plumbing, and Fire Protection Engineering design and engineering services during construction.

SECTION E. WORK APPROACH:

A. Project Management: actively managing task orders as the City of Pico Rivera determines them. Actively managing by staying in close communication – via in-person meetings, phone calls, site visits, etc. – to understand the City's objectives and how to best include all key stakeholders to gain consensus and determine the best path forward. Every interaction between Yao Engineering and the City of Pico Rivera will be documented in meeting minutes or email to track decisions that were made at key junctures of each task order.
B. Community Outreach: provide assistance to the City of Pico Rivera and/or City Council related to Mechanical, Electrical, Instrumentation, Plumbing, and Fire Protection portions that are relevant at City Council and/or Community Outreach Meetings. Specific examples include creating Power Point presentations, conceptual plans and drawings, creating cost analysis spreadsheets, and technical memorandums.
C. Preliminary Engineering and Planning Studies:
    a. Create preliminary studies for the parameters related to the Mechanical, Electrical, Instrumentation, Plumbing, and Fire Protection portion of task orders.
    b. Our typical studies include the following sub-sections:
        i. Codes and Standards
        ii. General Mechanical, Electrical, Instrumentation, Plumbing, and Fire Protection

iii. Area Classifications
iv. HVAC
v. Conductors
vi. Conduit
vii. Motor Controllers
viii. Variable Frequency Drives
ix. Motor Control Centers
x. Lighting and Controls
xi. Panelboards
xii. Equipment Control
xiii. SCADA
xiv. Programmable Logic Controller (PLC)
xv. Grounding System
xvi. Plumbing Fixtures
xvii. Fire Protection

D. Surveys, Mapping, and Field Reviews: Yao Engineering is not capable of self-performing this aspect of the RFP, but would be willing to work with the City's preferred Consultant to include any necessary surveys in the Preliminary Engineering Studies.
E. Environmental Studies and Documentation: Yao Engineering is not capable of self-performing this aspect of the RFP, but would be willing to work with the City's preferred Consultant to include any necessary environmental documentation.
F. Utility Research and Coordination: coordinate with the City, other consultants, and/or Southern California Edison (SCE) to provide accurate locations of existing utilities, demolition plans, construction sequencing, proposed locations of new utility equipment, etc. for only the Electrical components of each task order. Research and coordination includes completing any documentation and paperwork from SCE (e.g. new service and/or change to existing service request form, including Customer/Project Information Sheet, Site/Plot, Load Schedules and Panel Drawings, Design Option Letter, EUSERC Drawings, and any native files SCE may request). Attend coordination meetings or any meetings on-site to assist with understanding the impact of the electrical service changes as it relates to the task order. Yao Engineering is not capable of self-performing potholing, but would be willing to work with the City's preferred Consultant to include any necessary potholing information.
G. Right of Way Phase & Determination: Yao Engineering is not capable of self-performing this aspect of the RFP, but would be willing to work with the City's preferred Consultant to include any necessary right of way phase & determination.
H. Design – Mechanical, Electrical, Instrumentation, Plumbing, and Fire Protection Aspects Only:
    a. Create plans, specifications, and cost estimates per the City's, Public Works, and Caltrans Standards based on preliminary budgetary constraints.
    b. Design deliverables will include 60%, 90%, and Final Contract Drawings.
    c. Reviews of the 60% and 90% deliverables will be held with the City and any key stakeholders the City deems necessary in order to discuss specific design components of the task order.
    d. Plans will be created in AutoCAD per the City's standard format and plot styles. Native AutoCAD files (.dwg) will be provided with each submittal to the City's Project Manager. Each DWG file will be e-transmitted so all necessary x-refs, plot settings, and pen tables will be included.

e. Technical Special Provisions will be provided per the City's requirements and Greenbook format, the latest edition.
f. Cost estimates will be created per RS Means, the latest edition.
g. Native files will be made available to the City at any given time during the duration of the contract.

I. Construction Phase Authorization: Yao Engineering is not capable of self-performing this aspect of the RFP, but would be willing to work with the City's preferred Consultant to include any necessary construction phase authorization.
J. Bid Support Services: provide PDF and native copies of the Final Deliverables (e.g. DWG, DOC, XLS, etc.) to the City to assist with bidding purposes. Respond to bidder questions during the bid phase and prepare addendums as necessary.
K. Construction Support Services: provide engineering services during construction:
    a. Attend pre-construction meeting
    b. Review and respond to RFIs
    c. Provide submittal list
    d. Review and approve submittals/shop drawings
    e. Attend construction progress meetings
    f. Corrections and change orders related to errors and omissions shall be provided with no cost impact to the City
    g. Collaborate with the City to resolve discrepancies in the contract documents
    h. Document deviations, defects, and/or deficiencies by the construction contractor during site visits
    i. Create as-built plans based on the construction contractor's redlines and provide native files to the City
L. Grant Administration: Yao Engineering is not capable of self-performing this aspect of the RFP, but would be willing to work with the City's preferred Consultant to include any necessary grant administration.
M. Prior Rights Expertise: Yao Engineering is not capable of self-performing this aspect of the RFP, but would be willing to work with the City's preferred Consultant to include any necessary prior rights expertise.

YAO ENGINEERING

SECTION F. CLIENT REFERENCES:

YAO ENGINEERING RECENT PROJECTS:

Client – Project Name Summary of Work	Status	Project Duration	Reference Contact Information
LADWP – Numerous Owens Lake Projects. 4800V electrical distribution and fiber optic and telemetry upgrades; SCADA system training; and construction support services (e.g. inspections, shop drawings, and as-builts); drone surveying; etc.	On-going	2018 – Present	David Ebersold Vice President (213) 457-2139 ebersolddb@cdmsmith.com
Pasadena Water & Power (PWP) – Arc Flash Studies. Providing arc flash studies and labels at 25 booster station and well facilities throughout the water department.	Completed	Apr 2020 – Aug 2021	Norman Lara Water Operations Supervisor (626) 744-7607 nlara@cityofpasadena.net
PWP – Generator Tap Boxes. Modify electrical system to add a Manual Transfer Switch with Camlocks to provide connections for a portable generator at 9 booster stations.	Completed	Apr 2021 – Nov 2022	Michele Carina Principal Engineer (626) 744-7012 mcarina@cityofpasadena.net
Southern California Gas (SoCalGas) – EV Chargers. Design of 95 dual Level 2 and Level 3 EV Chargers at five (5) SoCalGas bases.	Completed	Dec 2021 – Nov 2022	Greg Kelley Vice President (562) 944-3408 gkelley@johnson-peltier.com
City of Paramount – Spane Park Stormwater Capture. The design includes installing a stormwater retention basin, pump station, and treatment below the park	90%	Feb 2022 – Present	Oliver Galang Principal (213) 598-4178 oliver.galang@craftwaterinc.com
City of Pasadena – Arroyo Seco Stormwater Basin. The design includes installing a diversion structure, actuated valve, pre-treatment, and filtration unit	90%	Mar 2022 – Present	
City of Glendora – Finkbiner Park Stormwater Capture. The design includes installing a stormwater retention basin, pump station, and treatment unit below the park's soccer field and baseball fields	60%	Jan 2023 – Present	
Metropolitan Water District – Security Upgrades. Upgrading existing cameras, add new cameras, replace card readers, add PA and intercom systems	Final Design	Feb 2023 – Present	Keenan Bull Senior Project Manager (949) 930-7258 bullke@cdmsmith.com

YAO ENGINEERING

SECTION H. SCHEDULE OF HOURLY RATES:

December 2024-2028 Labor Rates

Title	Hourly Rate
Principal Electrical Engineer	$225
Senior Electrical Engineer	$215
Principal Mechanical Engineer	$225
Senior Mechanical Engineer	$215
Administrative	$115

A. All Other Direct Costs (ODCs) and mileage shall be confirmed with Pico Rivera prior to purchase or expenditure.
B. Other Direct Costs shall be reimbursed AT COST + 10%. Receipts shall be provided with the invoice.
C. Mileage reimbursement rates shall abide by the current IRS Mileage Reimbursement Rate which the mileage is incurred.
D. Labor rates shown above are valid for up to 5 years (February 14, 2028) from the submittal due date (February 14, 2024).

APPENDIX C
NON-COLLUSION AFFIDAVIT

The undersigned declares states and certifies that:

1. This Proposal is not made in the interest of, or on behalf of any undisclosed person, partnership, company, association, organization or corporation. This Proposal is genuine and not collusive or sham.

2. I have not directly or indirectly induced or solicited any other Proposer to put in a false or sham proposal and I have not directly or indirectly colluded, conspired, connived, or agreed with any other Proposer or anyone else to put in sham proposal or to refrain from submitting to this RFP.

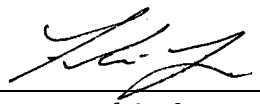
3. I have not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the proposal price or to fix any overhead, profit or cost element of the proposal price or to secure any advantage against the City of Pico Rivera or of anyone interested in the proposed contract.

4. All statements contained in the Proposal and related documents are true.

5. I have not directly or indirectly submitted the proposal price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay any fee to any person, corporation, partnership, company, association, organization, RFP depository, or to any member or agent thereof to effectuate a collusive or sham proposal.

6. I have not entered into any arrangement or agreement with any City of Pico Rivera public officer in connection with this proposal.

7. I understand collusive bidding is a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards.



Signature of Authorized Representative

Felix Yao

Name of Authorized Representative

Principal

Title of Authorized Representative

Mr. Yao is an electrical engineer with 20 years of experience in consulting engineering and management. He has designed electrical systems for water and wastewater facilities, industrial facilities, architectural facilities, commercial facilities, and federal facilities. He has provided technical leadership, quality control, and design and construction services.

Mr. Yao has power system experience which includes transmission voltages up to 115kV and distribution voltages up to 69kV; prime, standby, and emergency generators; switchgear; switchboards; motor control centers; variable frequency drives; uninterruptible power supplies; lighting; lighting control; fire alarm; telecommunications; security and access control; lightning protection; paging and area warning systems; and microgrids (solar and wind).

Mr. Yao has SCADA systems experience which includes both ring and star topology system architectures, programmable logic controllers (PLC), remote I/O (RIO), and human machine interfaces (HMI). He has experience with major PLC manufacturers such as Allen-Bradley, Square D (Schneider Electric), and Siemens.

Mr. Yao has performed electrical and automation inspections, including underground raceways and ductbanks, grounding, factory inspections, on-site storage, mounting, terminations, substantial completion, final completion, etc.

MUNICIPAL/INDUSTRIAL FACILITIES

Owens Lake Electrical and Instrumentation Training, Los Angeles Department of Water and Power (LADWP), Los Angeles, California. Mr. Yao served as the principal engineer for specific electrical and instrumentation training topics held by LADWP for their engineering staff.

Owens Lake Asset Condition Assessment, Los Angeles Department of Water and Power (LADWP), Los Angeles, California. Mr. Yao served as the electrical and instrumentation subject matter expert for a condition assessment program for the electrical and instrumentation assets on Owens Lake.

Pasadena Water and Power (Water) Arc Flash Studies – Pasadena, CA. Mr. Yao served as the principal engineer for arc flash studies at 25 booster and/or well stations throughout PWP's distribution system.

City of Pico Rivera Well No.5 Electrical Upgrades – Pico Rivera, CA. Mr. Yao served as the principal engineer for the design of the replacement of the existing electrical and instrumentation system. The design includes a 480V switchboard, MCC, VFD, grounding, lighting, and control panel that communicates via spread spectrum radio.

Pasadena Water and Power (Water) Generator Tap Boxes – Pasadena, CA. Mr. Yao served as the principal electrical engineer for the design of the addition of a Manual Transfer Switch (MTS) and Cam-lock Cabinet at nine booster stations. The design includes modifying the incoming service or the existing switchboard to accommodate the addition of the MTS. Coordination with PWP's Power group was necessary to understand their requirements as it relates to modifying the incoming services.

Felix Yao, P.E.

Principal

Registration

Professional Engineer:
California #20976
Florida #69636
Nevada #24103
Washington #53989
NCEES Record #45739

Education

B.S. – Electrical Engineering, Kettering University, 2003

City of Pico Rivera Water Plant No.3 Electrical Upgrades – Pico Rivera, CA. Mr. Yao served as the principal engineer for the design of the replacement of the existing electrical and instrumentation system. The design includes a 480V switchboard, MCC, VFDs, grounding, lighting, and control panel that communicates via spread spectrum radio.

Santa Anita Racetrack Duplex Pump Stations – Arcadia, CA. Mr. Yao served as the principal electrical and instrumentation engineer for the design of four duplex pump stations. The design includes a master control panel and four individual 240V control panel and grounding that communicates via spread spectrum radios to a master control panel.

Colorado River Pumping Plants Sump Rehabilitation, The Metropolitan Water District of Southern California (MWD), Los Angeles, California. Mr. Yao served as the principal electrical engineer responsible for QA/QC to support the contractor. Additional responsibilities include designing the electrical system and control panels for the temporary bypass pumping systems at each of the five pumping plants that communicates via spread spectrum radios.

City of Manteca Duplex Pump Station – Manteca, CA. Mr. Yao served as the principal electrical and instrumentation engineer for the design of a duplex pump station. The design includes a 240V control panel, grounding, and communication via spread spectrum radio.

City of Scottsdale Thomas Groundwater Treatment Facility – Scottsdale, AZ Mr. Yao served as the senior electrical and instrumentation QA/QC engineer for the design of a water treatment facility whose electrical system was being upgraded. The design includes 12.47kV switches, 12.47kV ATS, 480V switchboard, MCC, VFDs, active harmonic filter, lighting, grounding, traveling bridge crane, main control panel, local control panels, and numerous Emerson PLCs.

City of Scottsdale Shea Water Treatment Plant – Scottsdale, AZ Mr. Yao served as the senior electrical and instrumentation engineer for the design of a water treatment facility chemical feed systems whose electrical system was being replaced. The design includes 480V switchboard, MCC, VFDs, lighting, grounding, and local control panels communicating on the existing star network.

South Haiwee Reservoir Water Treatment Facility, Los Angeles Department of Water and Power (LADWP), Los Angeles, California. Mr. Yao served as project engineer for the electrical and instrumentation design of a water treatment facility. The design includes a 240V power distribution system, lighting, grounding, multiple control panels, control strategies, short circuit analysis, coordination study, arc flash analysis, and arc flash labels.

Bay Delta Habitat & Conservation & Conveyance Program, The Metropolitan Water District of Southern California (MWD), Los Angeles, California. Mr. Yao served as electrical engineer during the conceptual phase of the Bay Delta project. The conceptual design includes 115kV substation, 15kV switchgear, 480V switchgear and motor control centers (MCCs), 15kV variable frequency drives (VFDs), and emergency standby generators.

Owens Lake Ph.7A and Ph.9/10, Los Angeles Department of Water and Power (LADWP), Los Angeles, California. Mr. Yao served as project engineer during construction for Phases 7a and 9/10. The construction includes 4.8kV power distribution, 480V power distribution, grounding, remote telemetry, and a fully automated SCADA system.

Mr. Cahill has over 18 years of experience in power distribution design and construction services for environmental, industrial, and commercial facilities. He provides all aspects of power distribution design and construction service including medium and low voltage distribution design, electrical master planning, short circuit and protective device coordination studies, arc flash hazard evaluations and mitigation, LEED® building certification and design services, and construction services. His experience includes water and wastewater treatment plants, solid waste facilities, water and wastewater pumping stations, industrial and chemical facilities, commercial buildings, and facilities design.

MUNICIPAL/INDUSTRIAL FACILITIES

Electrical Engineer of Record, Monterey WRF Centrifuge Replacement, JEA, FL Mr. Cahill is the Electrical Engineer of Record for the Monterey WRF Centrifuge Replacement project. The project includes a new centrifuge, control panels, polymer system and control panels, motor control section with variable frequency drive, and integration to JEA's existing SCADA system.

Electrical Engineer of Record, Ocmulgee WPCP Electrical Upgrade, City of Warner Robins, GA
Mr. Cahill was the Electrical Engineer of Record for the Warner Robins Ocmulgee WPCP Electrical Upgrade. The project included removal and replacement of all existing 208 volt electrical equipment with new 480 volt, 1200 amp automatic transfer switch, 400kW standby generator, motor control centers, and provisions for future PLC equipment. Project includes refeeding all existing equipment and upgrading motors for operation on 480 volt service. Also includes removal and replacement of interior lighting with LED lighting.

Electrical Engineer of Record, Buffalo Ave Class III/IV Pump Station Rehabilitation Project, JEA, Florida.
Mr. Cahill was the Electrical Engineer of Record for the rehabilitation/improvements for the JEA Buffalo Avenue Pump Station. The project includes a complete rehabilitation of the existing lift station including land acquisition for a new MCC building and generator. Design included 480V new motor control center, 400kW generator, variable frequency drives, new PLC system, security system, and ancillary equipment. Mr. Cahill worked closely with JEA staff to ensure compliance with JEA Wastewater Pump Station and Facilities standards. The project also included maintenance of plant operations plans to incorporate a bypass pumping and an emergency bypass pumping system with diesel pumps.

Electrical Engineer of Record, Anastasia Island Wastewater Treatment UV Improvements, St. Johns County, Florida.
Mr. Cahill provided electrical design services for the improvements to the Anastasia Island WWTF UV Improvements which includes new 480 volt distribution equipment, integration to the existing PLC system, extensive maintenance of plant operations plan during construction, integration with the existing PLC system, and coordination with the concurrent reuse system improvements project.

Electrical Engineer, Kingsport Wastewater Treatment Plant (WWTP) – 5kV Switchgear Replacement, Kingsport, Tennessee.
Mr. Cahill provided electrical design services to replace the service entrance 4160-volt switchgear and a downstream 480-volt switchgear. The project consisted of removal of the 4160-volt switchgear and installation of a new 4160-volt switchgear in an outdoor power house enclosure. A detailed sequence of construction was developed in order to maintain plant operations while the new 4160-volt switchgear was connected to the existing 4160-volt loops.

Electrical Engineer, Progressive Design-Build for WWTP Improvements, City of Kingsport, Tennessee.
The City of Kingsport 12.5-mgd (with a peak flow of 35 mgd) WWTP improvements $23.4M award-winning project included the influent pump station, yard piping and flow splitting devices for several unit processes, conversion of the plant aeration process, addition of a

Mike Cahill, P.E.

Electrical Engineer

Registration

Professional Engineer:
Florida #70837
Tennessee #115297
Georgia #044736

Leadership in Energy and Environmental Design Accredited Professional:
LEED AP GBCI #10225518

Education

B.S. – Electrical Engineering, University of Central Florida, 2005

fourth clarifier, improvements to the sludge pumping system, and additional sludge digestion capacity. Mr. Cahill was responsible for the electrical design which included modifications to the 480-volt distribution system to add two UV modules to the process train. This project was awarded the 2010 American Council Engineering Companies (ACEC) of Tennessee's Grand Award for Special Projects for the evaluation, design, and construction management at risk (CMAR) implementation of the WWTP upgrades.

Electrical Engineer, Kingsport WWTP – Electrical Evaluation & Master Plan, City of Kingsport, Tennessee.
Mr. Cahill provided an electrical evaluation of the City of Kingsport's 4160 volt and 480-volt distribution system. The state of condition of all equipment, utility service, utility metering data, existing arc flash evaluations, and generated equipment load data sheets was evaluated and a recommended master plan for equipment replacement based on the findings was provided.

Electrical Engineer, JEA Mandarin Water Reclamation Facility UV Improvements, JEA, Florida.
Mr. Cahill provided the electrical design and construction services. Equipment consisted of a new building, 480-volt distribution switchboard, and capabilities for adding redundancy to the reuse and UV system in the future.

Electrical Engineer, Design-Build-Operate (DBO) Regional Surface WTP 72 – 120 mgd Expansion, Tampa Bay Water, Tampa, Florida.
Mr. Cahill provided electrical design and construction services for the plant expansion. Mr. Cahill was responsible for the electrical design, which included 15kv distribution (13,200 Volts), paralleling generator switchgear with 2-1250kw diesel engine drive generators and space for a future unit as part of a significant $120M design-build expansion of the surface WTP from 72 mgd to 120 mgd capacity. He also participated in the original plant design, and served as the electrical project engineer. The expansion included two new 33 mgd ACTIFLO™ units, two new 33 mgd ozone contact chambers, a new 2,000 ppd ozone generation system with LOX feed gas, additional filters to accommodate an additional 48 mgd of net filtered water, chemical feed and storage facility expansion, and expansion of the residuals handling system.

Electrical Engineer, Design-Build of David L. Tippin Water Treatment Facility Improvements, Tampa, Florida.
This $2.86 million project included the design, permitting, and construction of high service pumps at the 156 mgd David L. Tippin Water Treatment Facility. Mr. Cahill provided electrical design and construction services for this design-build project. This first phase of the project involved evaluating options to address aging pumping station infrastructure and better utilize the existing clearwell storage. The second phase included removing and replacing three medium voltage high service pump variable frequency drives with new 4160-volt (V) variable frequency drives. The project also consisted of rewinding two 2300V, 1000-hp motors to operate on a 4160V power supply. Critical to the project success was the need to maintain operation of existing pumps during the installation of the new equipment.

Electrical Engineer, Naval Submarine Base Kings Bay, NAVFAC Southeast, Kings Bay, Georgia.
Mr. Cahill was tasked with providing a comprehensive power system analysis of the entire Naval Submarine Base Kings Bay electrical utility, and electrical assessment of all equipment within the base master plan. Mr. Cahill was also tasked with providing a master plan for replacement of aging infrastructure and arc flash hazard mitigation recommendations. The scope of the facility included two 230kV metering stations, three 230kV substations, various 4160-volt distribution switchgear.

Electrical Engineer, Power System Analysis and Training, Los Angeles Department of Water & Power, Los Angeles, California.
Mr. Cahill was responsible for performing power system analyses on six existing pump station facilities. His duties included reviewing field collected data against the electrical system models in SKM, and performing the short circuit analysis, developing time current characteristic (TCC) curves, and performing arc flash analysis. Mr. Cahill was also responsible for assisting in the development of training and instructing client on site specific power system analysis, hazards associated with performing energized electrical work, NFPA-70E, and selection and use of personal protection equipment (PPE).

Mr. Meinig has more than 17 years of experience in the specialties of building mechanical systems for commercial, institutional, governmental and industrial projects. His specific design experience includes heating, ventilation, and air conditioning (HVAC); plumbing; fire protection design; fueling system design; compressed air system design; chilled water design; boiler design; and construction administration for water and wastewater treatment plants and various other projects, including more than 25 pipeline projects and more than 100 pump station projects. He has extensive experience with numerous codes and standards, including the Florida Building Code; International Building Code; American Society of Heating, Refrigerating, and Air Conditioning Engineers (ASHRAE) Standards, including 62 and 90.1; and National Fire Protection Association (NFPA) Standards, including NFPA 30, 37, 90A, 90B, and 820.

MUNICIPAL/INDUSTRIAL FACILITIES

Mechanical Engineer, Golden Rod Storage Facility, Orange Co. Florida, 2022.
Mr. Meinig oversaw the mechanical design of a 4-story storage facility for the commercial market.

Mechanical Engineer, Great Hearts Charted School, Jacksonville, Florida, 2022
Mr. Meinig oversaw the mechanical design of a 2-story 60,000 sq. ft chart school. Design included 250 tons of cooling equipment and full kitchen design. Design included full BMS system with VAVs and energy recovery.

Mechanical Engineer-of-Record, 118th St and Wilson Ave Pump Stations, JEA, Jacksonville, Florida, 2018.
Mr. Meinig provided design, permitting, bidding, and engineering services during construction for the rehabilitation of the pump stations. The building mechanical design included, general ventilation systems for the NFPA 820 high service pump room, high density electrical room cooling systems, HVAC and plumbing systems for office space, emergency plumbing fixtures for the chemical canopy, 4,000-gallon diesel fueling system for the emergency generator, and fire protection systems for the high service pump station.

Mechanical Engineer-of-Record, Fleming Island Regional WWTF BTU No. 3 Expansion, Clay County, Florida, 2020.
Mr. Meinig oversaw the all the building mechanical aspects of the project, including HVAC, and fueling systems. The design included renovations to the existing electrical room and relocation of the existing diesel fuel tank for the new emergency generator. The building mechanical design included, high density cooling systems for the electrical room and modifications to the diesel fueling system.

Mechanical Engineer-of-Record, Rivertown WTP Project, JEA, Jacksonville, Florida, 2021.
Mr. Meinig provided the design and permitting services for the Rivertown Water Treatment Plant Project. The Water Plant building mechanical design included, sodium hypochlorite ventilation systems including 100% outside air unit and emergency ventilation, general ventilation systems, control room HVAC system, high density electrical room cooling systems, emergency shower/eyewash plumbing fixtures, and fire protection systems.

Mechanical Engineer-of-Record, Greenland Water Treatment Plant Expansion From 6.0 to 9.0 MGD, JEA, Jacksonville, Florida, 2021.
Mr. Meinig provided fuel system design, permitting, bidding, and engineering services during construction. The design included a 5,000 gallon diesel storage tank

Mechanical Engineer-of-Record, West Nassau Regional WTP (WNRWTP) Expansion Phase 1B, JEA, Jacksonville, Florida, 2018.
Mr. Meinig provided design, permitting, bidding, and engineering services during construction for the 3.6 mgd AADF WNRWTP Expansion. Part 2 included preliminary and

Josh Meinig, P.E.

Mechanical Engineer

Registration

Professional Engineer:
Florida
North Carolina
Alabama
Kentucky
South Carolina
Tennessee
Georgia
Louisiana

Member of American Society of Heating, Refrigerating, and Air Conditioning Engineers

Education

B.S. – Mechanical Engineering, University of Central Florida, 2005

final design, permitting, and engineering services during construction for the expansion of the WTP components, including a 0.75-MG new pre-stressed GST, well pump and header, sodium hypochlorite disinfection system, four high service pumps equipped with variable frequency drives (VFD), emergency diesel engine driven generator with a 4,000 gallon above ground fuel tank, pre-engineered metal building, supervisory control and data acquisition (SCADA) instrumentation, and large diameter raw water pipeline. The building mechanical design included, general ventilation systems for the high service pump room, high density electrical room cooling systems, HVAC and plumbing systems for office space, emergency plumbing fixtures for the chemical canopy, 4,000-gallon diesel fueling system for the emergency generator, and fire protection systems for the high service pump station.

Mechanical Engineer-of-Record, North 2 Utility Extension Project (UEP), City of Cape Coral, Florida, 2016.
The North 2 UEP area consists of adding potable water, wastewater, and irrigation services to an approximately 6.2 square miles residential area. Mr. Meinig oversaw the all the building mechanical aspects of the project; including HVAC, plumbing, and fire protection. The design included 2 canal pump stations, and 2 master pump stations. The canal pump stations building mechanical design included, hypochlorite ventilation system, general ventilation systems, high density cooling systems, emergency plumbing fixtures, diesel fueling systems, and fire protection systems. The master pump stations building mechanical design included, general ventilation systems, high density cooling systems, emergency plumbing fixtures, and diesel fueling systems.

Mechanical Engineer-of-Record. Lake Eve Pump Station Rehabilitation and Construction Services, Orange County, Florida, 2017.
Mr. Meinig was retained by Orange County Utilities to rehabilitate the County's existing 13-million gallons per day submersible pump station located in Orlando, FL. Due to aging equipment and infrastructure, the Lake Eve Pump Station required rehabilitation or replacement. The design consisted of the analysis of two alternatives: utilize the existing wetwell in tandem with a new wetwell or completely abandon the existing wetwell and install a new submersible pump station on the same site. It was recommended installing a new 26 million gallons per day submersible pump station due to comparable construction costs between the two alternatives, available space to construct the new wetwell on the parcel, and constructing a submersible pump station that is consistent with Orange County Utilities design standards. Mr. Meinig was the mechanical Engineer-of-Record for this project.

Mechanical Engineer, Rehabilitation and Replacement Project, Shady Hills WWTP, Pasco County, FL.
Mr. Meinig was the mechanical engineer for the improvements at the Shady Hills WWTP. The improvements include a new, 17-mgd internal recycle pump station and piping, effluent flow metering, headworks odor control, improved process control for the activated sludge process, and new storage and mixing systems for the Grease/Septage Receiving Facility.

Mechanical Engineer, South and Central AWWTF Support Services, City of Fort Myers, FL.
Mr. Meinig provided support services to address regulatory and process issues at the City's two AWWTFs, including participating in capital budgeting; reviewing, analyzing, and commenting on laboratory results and regulatory data; participating in plant visits and walkthroughs; troubleshooting various process issues; and assisting with revisions to the implementation schedule of FDEP operating permits. Josh provides mechanical engineering services under this contract

Mechanical Engineer, Energy Efficiency and Conservation Block Grant Program Police Department Chiller Replacement, City of Fort Myers, Florida, 2014.
Mr. Meinig was a mechanical engineer for the design of the chiller replacement for the City of Fort Myers Police Department as part of the Department of Energy American recovery and Reinvestment Act. The project included replacement of two smaller chillers (30-ton and 95-ton) with a single high efficiency chiller (120 tons), pumps, valving, and controls. The existing air handling units were utilized in the design, but all new controls were provided to integrate the new chilled water system and the existing air handling units. This project was part of the comprehensive energy efficiency strategy with focus on cost savings and greenhouse gas reduction. The estimated annual energy savings was over $18,000 with a reduction of 100.2 tons of greenhouse gases.

Adam has more than 18 years of professional experience in mechanical engineering. His specialization is in the commercial and industrial mechanical design of HVAC, plumbing, and mechanical systems. Adam strives to incorporate an efficient and effective approach to mechanical systems that are elegant and innovative to provide an aesthetic, cost effective, and practical solution. He has worked on projects for clients such as Walt Disney World, Homewood Suites and UPS. In addition, he has been involved in the design of mechanical systems for a variety of hotel, restaurant, residential / commercial buildings, and numerous aviation facilities. Adam graduated from the University of Central Florida with his B.S. in Mechanical Engineering.

Mechanical Engineer, Brownwood Senior Apartments, The Villages, Florida.
Provide mechanical, electrical, plumbing and fire protection performance specification design for the construction of the new senior apartment project.
- 3 Building Types
- 265 Units
- 3 Basic Unit Types & ADA Versions
- 9,000 SF Clubhouse

Mechanical Engineer, Avalon Apartments, Spring, Texas
Provide the reuse of existing mechanical, electrical, plumbing and fire protection construction documents for the new construction.
- 3 Building Types (2 or 3 Story's)
- 5 Basic Unit Types (368 Units Total)
- 3 Additional Unit Types for Solariums
- Free Standing Clubhouse
- Free Standing Fitness Building
- Free Standing Leasing Building
- Trash Compactor

Mechanical Engineer, Summerbay Apartments, Clermont, Florida.
Provide mechanical, electrical, plumbing and fire protection construction documents for the new construction.
- 2 Building Types (4 Story Wood Frame)
- 5 Basic Unit Types (270 Units Total)
- 3 Additional Unit Types for Solariums
- 5,500 SF Clubhouse (Leasing / Fitness)
- 1,000 SF Maintenance Building
- Trash Compactor

Mechanical Engineer, Tru Hotel by Hilton, Orlando, Florida.
Provide mechanical, electrical, plumbing and fire protection design for the common area spaces, pool area, internal corridors, and guestrooms. 120 Guestrooms, 6 Stories

Mechanical Engineer, Hyatt Place Hotel, Palm Bay, Florida.
Provide mechanical, electrical, plumbing and fire protection design for the common area spaces, pool area, internal
corridors, and guestrooms.
- 106 Guestrooms, 5 Stories, +/- 63,000 SF

Mechanical Engineer, Gardens of Venice ALF, Venice, Florida.
Provide mechanical, electrical, plumbing and fire protection design for the construction of a new assisted living facility.
- 1 New 3-Story Building
- 5 Unit Types
- 3 Alternate Unit Types for ADA

Adam Barney, P.E.

Mechanical Engineer

Registration

Professional Engineer:
Alabama
Arkansas
Arizona
Colorado
Connecticut
Florida
Georgia
Illinois
Indiana
Kentucky
Louisiana
Maine
Maryland
Massachusetts
Michigan
Mississippi
Missouri
Nevada
New Mexico
New York
North Carolina
Ohio
Oklahoma
Pennsylvania
Rhode Island
South Carolina
Tennessee
Texas
Virginia
Washington DC

Education

B.S. – Mechanical Engineering, University of Central Florida, 2005

Mechanical Engineer, Savannah ALF, Savannah, Georgia.
Provide mechanical, electrical, plumbing and fire protection design for a new assisted living facility.

Mechanical Engineer, Morimoto Restaurant, Disney Springs, Florida.
Provide mechanical and plumbing engineering design services for the construction of the new Morimoto restaurant, located at Walt Disney World's Disney Springs.

Mechanical Engineer, Paddlefish Restaurant, Disney Springs, Florida.
Provide mechanical and plumbing engineering design services for the renovation of an existing building into the new Paddlefish Restaurant, located at Walt Disney World's Disney Springs.

Mechanical Engineer, IAAPA Office Renovation, Orlando, Florida.
Provide mechanical, electrical, and plumbing engineering design for the renovation of an existing 16,980 SF space into a new IAAPA Office.

Mechanical Engineer, Orange Theory Corporate Office, Boca Raton, Florida.
Provide mechanical, electrical, and plumbing engineering design services for the build-out of a new Orange Theory Fitness Technology Lab Building with int the existing corporate office complex.

EXHIBIT B
APPROVED FEE SCHEDULE

(SCHEDULE OF HOURLY LABOR RATES AND REIMBURSABLE)

YAO ENGINEERING

SECTION H. SCHEDULE OF HOURLY RATES:

December 2024-2028 Labor Rates

Title	Hourly Rate
Principal Electrical Engineer	$225
Senior Electrical Engineer	$215
Principal Mechanical Engineer	$225
Senior Mechanical Engineer	$215
Administrative	$115

A. All Other Direct Costs (ODCs) and mileage shall be confirmed with Pico Rivera prior to purchase or expenditure.
B. Other Direct Costs shall be reimbursed AT COST + 10%. Receipts shall be provided with the invoice.
C. Mileage reimbursement rates shall abide by the current IRS Mileage Reimbursement Rate which the mileage is incurred.
D. Labor rates shown above are valid for up to 5 years (February 14, 2028) from the submittal due date (February 14, 2024).

EXHIBIT C
TERMS FOR COMPLIANCE WITH CALIFORNIA LABOR LAW REQUIREMENTS

1. This Agreement calls for services that, in whole or in part, constitute "public works" as defined in Division 2, Part 7, Chapter 1 (commencing with Section 1720) of the California Labor Code ("Chapter 1"). Further, Consultant acknowledges that this Agreement is subject to (a) Chapter 1 and (b) the rules and regulations established by the Department of Industrial Relations ("DIR") implementing such statutes. Therefore, as to those Services that are "public works", Consultant shall comply with and be bound by all the terms, rules and regulations described in 1(a) and 1(b) as though set forth in full herein.

2. California law requires the inclusion of specific Labor Code provisions in certain contracts. The inclusion of such specific provisions below, whether or not required by California law, does not alter the meaning or scope of Section 1 above.

3. Consultant shall be registered with the Department of Industrial Relations in accordance with California Labor Code Section 1725.5, and has provided proof of registration to City prior to the Effective Date of this Agreement. Consultant shall not perform work with any subconsultant that is not registered with DIR pursuant to Section 1725.5. Consultant and subconsultants shall maintain their registration with the DIR in effect throughout the duration of this Agreement. If the Consultant or any subconsultant ceases to be registered with DIR at any time during the duration of the project, Consultant shall immediately notify City.

4. Pursuant to Labor Code Section 1771.4, Consultant's Services are subject to compliance monitoring and enforcement by DIR. Consultant shall post job site notices, as prescribed by DIR regulations.

5. Pursuant to Labor Code Section 1773.2, copies of the prevailing rate of per diem wages for each craft, classification, or type of worker needed to perform the Agreement are on file at City Hall and will be made available to any interested party on request. Consultant acknowledges receipt of a copy of the DIR determination of such prevailing rate of per diem wages, and Consultant shall post such rates at each job site covered by this Agreement.

6. Consultant shall comply with and be bound by the provisions of Labor Code Sections 1774 and 1775 concerning the payment of prevailing rates of wages to workers and the penalties for failure to pay prevailing wages. The Consultant shall, as a penalty to City, forfeit $200.00 for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the DIR for the work or craft in which the worker is employed for any public work done pursuant to this Agreement by Consultant or by any subconsultant.

7. Consultant shall comply with and be bound by the provisions of Labor Code Section 1776, which requires Consultant and each subconsultant to: keep accurate payroll records and verify such records in writing under penalty of perjury, as specified

in Section 1776; certify and make such payroll records available for inspection as provided by Section 1776; and inform City of the location of the records.

8. Consultant shall comply with and be bound by the provisions of Labor Code seq. concerning the employment of apprentices on public works projects. Consultant shall be responsible for compliance with these aforementioned Sections for all apprenticeable occupations. Prior to commencing work under this Agreement, Consultant shall provide City with a copy of the information submitted to any applicable apprenticeship program. Within 60 days after concluding work pursuant to this Agreement, Consultant and each of its subconsultants shall submit to City a verified statement of the journeyman and apprentice hours performed under this Agreement.

9. The Consultant shall not perform Work with any Subconsultant that has been debarred or suspended pursuant to California Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. The Consultant and Subconsultants shall not be debarred or suspended throughout the duration of this Contract pursuant to Labor Code Section 1777.1 or any other federal or state law providing for the debarment of consultants from public works. If the Consultant or any subconsultant becomes debarred or suspended during the duration of the project, the Consultant shall immediately notify City.

10. Consultant acknowledges that eight hours labor constitutes a legal day's work. Consultant shall comply with and be bound by Labor Code Section 1810. Consultant shall comply with and be bound by the provisions of Labor Code Section 1813 concerning penalties for workers who work excess hours. The Consultant shall, as a penalty to City, forfeit $25.00 for each worker employed in the performance of this Agreement by the Consultant or by any subconsultant for each calendar day during which such worker is required or permitted to work more than eight hours in any one calendar day and 40 hours in any one calendar week in violation of the provisions of Division 2, Part 7, Chapter 1, Article 3 of the Labor Code. Pursuant to Labor Code section 1815, work performed by employees of Consultant in excess of eight hours per day, and 40 hours during any one week shall be permitted upon public work upon compensation for all hours worked in excess of eight hours per day at not less than one and one-half times the basic rate of pay.

11. California Labor Code Sections 1860 and 3700 provide that every employer will be required to secure the payment of compensation to its employees. In accordance with the provisions of California Labor Code Section 1861, Consultant hereby certifies as follows:

> "I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract."

12. For every subconsultant who will perform work on the project, Consultant shall be responsible for such subconsultant's compliance with Chapter 1 and Labor Code Sections 1860 and 3700, and Consultant shall include in the written contract between it and each subconsultant a copy of those statutory provisions and a requirement that each subconsultant shall comply with those statutory provisions. Consultant shall be required to take all actions necessary to enforce such contractual provisions and ensure subconsultant's compliance, including without limitation, conducting a periodic review of the certified payroll records of the subconsultant and upon becoming aware of the failure of the subconsultant to pay his or her workers the specified prevailing rate of wages. Consultant shall diligently take corrective action to halt or rectify any failure.

13. To the maximum extent permitted by law, Consultant shall indemnify, hold harmless and defend (at Consultant's expense with counsel reasonably acceptable to City) City, its officials, officers, employees, agents and independent consultants serving in the role of City officials, and volunteers from and against any demand or claim for damages, compensation, fines, penalties or other amounts arising out of or incidental to any acts or omissions listed above by any person or entity (including Consultant, its subconsultants, and each of their officials, officers, employees and agents) in connection with any work undertaken or in connection with the Agreement, including without limitation the payment of all consequential damages, attorneys' fees, and other related costs and expenses. All duties of Consultant under this Section shall survive the termination of the Agreement.

CITY COUNCIL AGENDA REPORT

To: Mayor and City Council

From: City Manager

Meeting Date: April 23, 2024

Subject: LANDSCAPE MAINTENANCE SERVICES – REJECT ALL BIDS

Recommendation:

1. Reject all bids for the landscape maintenance services.

Fiscal Impact:

There is no fiscal impact to the General Fund due to this action.

Discussion:

The Public Works Department, Field Operations Division, is responsible for landscape maintenance services for all parks, public facilities, parkways, parkettes, and raised center median islands. Landscape maintenance services consist of but are not limited to, pruning and trimming shrubs and ground cover plants, controlling weeds, mowing and edge turf grass, removing leaves, trash, and debris, inspecting, maintaining, and repairing all irrigation systems.

On October 23, 2023, a Request for Bids (RFB) was advertised on the Planet Bids platform for landscape maintenance services. A total of eight (8) proposals were received by the bid closing date on November 29, 2023.

The following table summarizes the bids received:

Contractor	Total Bid (2-years)
BrightView Landscape Services, Inc.	$696,471.36
Mariposa Landscape, Inc.	$719,112.24
DMS Facilities Services, Inc.	$768,960.00
Greentech Landscape, Inc.	$833,880.00
CG Landscape, Inc.	$899,614.80
Parkwood Landscape Maintenance, Inc.	$930,648.00
North Star Land Care	$1,123,209.60
SGD Enterprises	$1,254,360.00

In accordance with the advertised RFB, the City Council has the authority to reject all bids. The RFB states, “The City reserves the right to reject any Bid or all Bids, and to waive any irregularities or informalities in any bid or in the bidding, as deemed to be in its best interest.” As a result, the City has decided to maintain its partnership with the current vendor, Mariposa Landscapes, Inc., for landscape maintenance services. Staff has prepared an additional agenda report to provide further details on this matter during this regularly scheduled City Council meeting.

Conclusion:

The City Council has the authority to reject all bids, therefore, staff recommend rejecting all bids received for landscape maintenance services.

Steve Carmona

SC:NN:ML:np

CITY COUNCIL AGENDA REPORT

To: Mayor and City Council

From: City Manager

Meeting Date: April 23, 2024

Subject: REQUEST FOR APPROVAL OF THE 2024 FIREWORKS STAND PERMITS

Recommendation:

1. Approve the attached list of fireworks stand applications and authorize the issuance of permits to operate.

Fiscal Impact:

There is no fiscal impact to the General Fund.

Discussion:

Pico Rivera Municipal Code Chapter 8.36.040 regulates firework sales and establishes the procedure for fireworks sales permits. On an annual basis, the City Council vets and approves qualified applicants for firework sales. Upon approval by the City Council, fireworks sale permits are issued.

Only non-profit organizations may obtain fireworks sale permits. The non-profit must have its principal and permanent meeting place within City boundaries and must be established for a minimum of one (1) year preceding the filing of the application. Additionally, the non-profit must have at least 25 members of which at least 40% must reside, work, or maintain a place of business in the City of Pico Rivera.

The Firework Permit Application packet was due to the City on February 13, 2024. Each applicant was required to submit the following:

- Property owner(s) authorization for the use of space.
- Agreement with the fireworks supplier.
- A diagram showing the exact location of the stand in relation to adjacent streets and any other structures on the lot or adjacent lots.

- A list containing a minimum of twenty-five (25) members of the organization and proof that 40% of the members reside or are employed by the City or are owners or operators of a business or other establishment located in the City, including their names, address, and telephone numbers, as of the date of the application.
- Plot plan for location of the temporary structure.
- Application for an Electrical Permit.
- Liability Insurance in the amount of two million dollars ($2,000,000).
- The fees and deposit.

Fireworks stands are allowed to be erected starting on June 20, 2024, and will be inspected by a City Inspector. They are authorized to sell merchandise from 12 p.m. on June 28, 2024, through 12 a.m. on July 5, 2024. The stands must be taken down and the area cleared of debris by July 19, 2024.

Conclusion:

Staff recommend the approval of the 2024 Fireworks Stands Permit List of non-profit organizations based in Pico Rivera to provide an opportunity to earn funds for their organizations.

Steve Carmona

SC:AB:JG:ES:jj

Enclosures: 1) List of Applicants
2) Map of Stand Locations

CITY OF PICO RIVERA
COMMUNITY AND ECONOMIC DEVELOPMENT

Fireworks Stand Locations 2024

Organization Name/ Firework Vendor	Contact Name	Phone Number	Stand Location
Hope Community Inc. Phantom Firework Company	Arlene West 5044 S. Durfee Ave. Pico Rivera, CA 90660 Arlene@discoveryhope.com	(562) 948-1881	AutoZone Parking Lot 9350 Whittier Blvd. S/W Corner of Whittier Blvd. & Passons Blvd. Zoning: Commercial Planned Development (CPD)
Alice M. Birney School Dad's Club TNT Firework Company	Leonard Atencio 8501 Orange Ave. Pico Rivera, CA 90660 Birneydadsclub@gmail.com	(562) 395-0501	Dollar Tree Parking Lot 9425 Telegraph Rd. N/E Corner of Telegraph Rd. & Passons Blvd. Zoning: General Commercial (C-G)
American Legion Post 411 TNT Firework Company	Frank Gonzales 7642 Serapis Ave. Pico Rivera, CA 90660 Info4rosie@gmail.com	(562) 236-7010	Cross Road Plaza Parking Lot 5008 Rosemead Blvd. S/E Corner of Whittier Blvd & Lindsey Ave Zoning: Commercial Planned Development (CPD)
El Rancho High School Band and Colorguard Booster Club TNT Firework Company	Maria Elizondo 6501 Passons Blvd. Pico Rivera, CA 90660 mariaelizondo70@gmail.com	(323) 394-8121	El Rancho High School Parking Lot 6501 Passons Blvd. N/W Corner of Passons Blvd. & Homebrook St. Zoning: Public Facilities (P-F)
ICIUSA Presbiterio De California Iglesia TNT Firework Company	Esmeralda Gonzales 9511 Harrell Street Pico Rivera, CA 90660 arkviste@gmail.com	(213) 798-2132	Food 4 Less Parking Lot 8610 Whittier Blvd. S/E Corner of Whittier Blvd & Paramount Blvd. Zoning: Commercial Planned Development (CPD)
Iglesia Cristiana Interdenominacional (I.D.E.A) TNT Firework Company	Jonathan Rosales 9511 Harrell St. Pico Rivera, CA 90660 jrocks99@yahoo.com	(323) 397-5770	Big Saver Foods Parking Lot 9406 Washington Blvd. S/E Corner of Washington Blvd. & Passons Blvd. Zoning: General Commercial (C-G)
Iglesia Familia De Dios/Family of God Church TNT Firework Company	Noemi Medrano 4323 Amistad Ave. Pico Rivera, CA 90660 Medrano.noemi1@gmail.com	(562) 699-3219	El Pescador Parking Lot 9025 Telegraph Rd. N/E Corner of Telegraph Rd & Rosemead Blvd. Zoning: General Commercial (C-G)
Los Angeles Sheriff's Department Pride Program TNT Firework Company	Deputy Karla Sepulveda 6631 Passons Blvd., Pico Rivera, CA 90660	(562) 949-2421	Wal-Mart Parking Lot 8500 Washington Blvd. S/E Corner of Washington Blvd. & Paramount Blvd. Zoning: Specific Plan 400 (SP 400)
Pico Boys Baseball League, Inc. TNT Firework Company	Sal Coco Miriam Villanueva PO Box 1061 Pico Rivera, CA 90660	(323) 788-1783 (323) 314-9493	Sloan's Dry Cleaners Parking Lot 8923 Beverly Blvd. N/W Corner of Rosemead Blvd. & Beverly Blvd. Zoning: General Commercial (C-G)
Pico Rivera Dons Football Youth TNT Firework Company	Nicole Noslasco PO Box 2010 Pico Rivera, CA 90660	(909) 262-0784	Parking lot 9256 Slauson Ave. S/W Slauson Ave. & Passons Blvd. Zoning: General Commercial (C-G)

Community Development Director's signature constitutes only a certification of zoning and location but may be subsequently approved on the application and permit per Pico Rivera City Code 8.36.020.

Approved By _____ Date 4/8/24

2024 Firework Stand Locations

Legend

Firework Stand Locations

CITY COUNCIL AGENDA REPORT

To: Mayor and City Council

From: City Manager

Meeting Date: April 23, 2024

Subject: EQUIPMENT PURCHASE FOR THE PUBLIC WORKS DEPARTMENT

Recommendation:

1. Authorize the purchase of a Utility Cab Tractor in the amount of $51,400 from Kubota Tractor Corporation by way of Sourcewell Contract No. 031121-KBA for tractors, spreaders, lawn equipment, and related services;

2. Authorize the purchase of two (2) John Deere Gators and three (3) SmithCo Sand Star Groomers (field-rakes) in the aggregate amount of $172,800 from Deere & Company by way of Sourcewell Contract No. 031121-DAC for grounds maintenance equipment; and

3. Authorize the City Manager to execute all documents related to the purchase of the recommended vehicles.

Fiscal Impact:

The fiscal year (FY) 2023-24 Adopted Budget under the Equipment Replacement Fund (Fund 170), Account No. 170.40.4032-57300 includes an available budget of $1,239,702 for the purchase of various equipment for the Public Works Department, Maintenance Division. The total purchase price of the requested equipment is $224,190. No additional appropriations are required at this time.

Discussion:

On April 9, 2024, the City Council approved an appropriation of $1,239,702 into Fund 170 (Equipment Replacement) for the purchase of vehicles and equipment to replace existing units. Staff is requesting approval to replace aged equipment utilized for field maintenance by the Public Works Park Maintenance Division. The current pieces of equipment are on average over 15 years old, need extensive repairs, and pose safety concerns to staff and the public. There are six (6) pieces of equipment staff are seeking

to replace with new contemporary equipment. The uses of the equipment include leveling baseball fields, grass seeding, trash abatement, and artificial turf sanitation.

The table below shows the cost of replacing the aged equipment with new equipment.

	Existing Units	*Proposed Unit*	*Quoted Price*
1	Unit No. 533 – Kubota 1630C	Kubota Utility Cab Tractor – MX6000HSTC	$51,400
2	Unit No. 510 – Vantage	John Deere Gator – 6x4 2024	$35,450
3	Unit No. 401 – HPX Gator	John Deere Gator – 6x4 2024	
4	Unit No. 508 – 1200A John Deere Field Rake	SmithCo Sand Groomer (field-rake) – 18HP 3-wheel drive	$137,340
5	Unit No. 522 – 1200A John Deere Field Rake	SmithCo Sand Groomer (field-rake) – 18HP 3-wheel drive	
6	Unit No. 534 – 1200A John Deere Field Rake	SmithCo Sand Groomer (field-rake) – 18HP 3-wheel drive	
Totals			$224,190

The recommended equipment purchases will utilize a cooperative purchasing contract as authorized by Section 3.20.030 of the Pico Rivera Municipal Code. Utilizing the Sourcewell Cooperative Agreements meets the requirements of Section 3.20.030 of the Pico Rivera Municipal Code and allows staff to secure the most appropriate necessary equipment. Purchasing through vetted Cooperative agreement(s) assures that the procurement of goods and services comply with public purchasing regulations, are competitively solicited, and the City receives the most advantageous pricing while also expediting the procurement.

The recommended vehicle purchases will ensure that Public Works staff are properly equipped and use safe vehicles to continue to provide efficient and effective services to the community.

Conclusion:

Staff recommends approving the purchase of one (1) Kubota Tractor, two (2) John Deere Gators, and three (3) SmithCo Sand Groomers (field-rakes) utilizing the Cooperative Agreements from Sourcewell, in the amount not-to-exceed $224,190 and authorizing the City Manager to execute all related documents for the purchase of all equipment.

Steve Carmona

SC:NN:ML:np

Enclosures: 1) Sourcewell Contract No. 031121-KBA
2) Sourcewell Contract No. 031121-DAC

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Sourcewell

Solicitation Number: RFP #031121

CONTRACT

This Contract is between Sourcewell, 202 12th Street Northeast, P.O. Box 219, Staples, MN 56479 (Sourcewell) and Kubota Tractor Corporation, 1000 Kubota Drive, Grapevine, TX 76051 (Vendor).

Sourcewell is a State of Minnesota local government agency and service cooperative created under the laws of the State of Minnesota (Minnesota Statutes Section 123A.21) that offers cooperative procurement solutions to government entities. Participation is open to federal, state/province, and municipal governmental entities, higher education, K-12 education, nonprofit, tribal government, and other public entities located in the United States and Canada. Sourcewell issued a public solicitation for Grounds Maintenance Equipment, Attachments, and Accessories with Related Services from which Vendor was awarded a contract.

Vendor desires to contract with Sourcewell to provide equipment, products, or services to Sourcewell and the entities that access Sourcewell's cooperative purchasing contracts (Participating Entities).

1. TERM OF CONTRACT

A. EFFECTIVE DATE. This Contract is effective upon the date of the final signature below.

B. EXPIRATION DATE AND EXTENSION. This Contract expires April 30, 2025, unless it is cancelled sooner pursuant to Article 22. This Contract may be extended up to one additional one-year period upon request of Sourcewell and with written agreement by Vendor.

C. SURVIVAL OF TERMS. Articles 11 through 14 survive the expiration or cancellation of this Contract.

2. EQUIPMENT, PRODUCTS, OR SERVICES

A. EQUIPMENT, PRODUCTS, OR SERVICES. Vendor will provide the Equipment, Products, or Services as stated in its Proposal submitted under the Solicitation Number listed above. Vendor's Equipment, Products, or Services Proposal (Proposal) is attached and incorporated into this Contract.

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All Equipment and Products provided under this Contract must be new/current model. Vendor may offer close-out or refurbished Equipment or Products if they are clearly indicated in Vendor's product and pricing list. Unless agreed to by the Participating Entities in advance, Equipment or Products must be delivered as operational to the Participating Entity's site.

This Contract offers an indefinite quantity of sales, and while substantial volume is anticipated, sales and sales volume are not guaranteed.

B. WARRANTY. Vendor warrants that all Equipment, Products, and Services furnished are free from liens and encumbrances, and are free from defects in design, materials, and workmanship. In addition, Vendor warrants the Equipment, Products, and Services are suitable for and will perform in accordance with the ordinary use for which they are intended. Vendor's dealers and distributors must agree to assist the Participating Entity in reaching a resolution in any dispute over warranty terms with the manufacturer. Any manufacturer's warranty that is effective past the expiration of the Vendor's warranty will be passed on to the Participating Entity.

C. DEALERS, DISTRIBUTORS, AND/OR RESELLERS. Upon Contract execution, Vendor will make available to Sourcewell a means to validate or authenticate Vendor's authorized dealers, distributors, and/or resellers relative to the Equipment, Products, and Services related to this Contract. This list may be updated from time-to-time and is incorporated into this Contract by reference. It is the Vendor's responsibility to ensure Sourcewell receives the most current version of this list.

3. PRICING

All Equipment, Products, or Services under this Contract will be priced as stated in Vendor's Proposal.

When providing pricing quotes to Participating Entities, all pricing quoted must reflect a Participating Entity's total cost of acquisition. This means that the quoted cost is for delivered Equipment, Products, and Services that are operational for their intended purpose, and includes all costs to the Participating Entity's requested delivery location.

Regardless of the payment method chosen by the Participating Entity, the total cost associated with any purchase option of the Equipment, Products, or Services must always be disclosed in the pricing quote to the applicable Participating Entity at the time of purchase.

A. SHIPPING AND SHIPPING COSTS. All delivered Equipment and Products must be properly packaged. Damaged Equipment and Products may be rejected. If the damage is not readily apparent at the time of delivery, Vendor must permit the Equipment and Products to be returned within a reasonable time at no cost to Sourcewell or its Participating Entities. Participating Entities reserve the right to inspect the Equipment and Products at a reasonable

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time after delivery where circumstances or conditions prevent effective inspection of the Equipment and Products at the time of delivery.

Vendor must arrange for and pay for the return shipment on Equipment and Products that arrive in a defective or inoperable condition.

Sourcewell may declare the Vendor in breach of this Contract if the Vendor intentionally delivers substandard or inferior Equipment or Products. In the event of the delivery of nonconforming Equipment and Products, the Participating Entity will notify the Vendor as soon as possible and the Vendor will replace nonconforming Equipment and Products with conforming Equipment and Products that are acceptable to the Participating Entity.

B. SALES TAX. Each Participating Entity is responsible for supplying the Vendor with valid tax-exemption certification(s). When ordering, a Participating Entity must indicate if it is a tax-exempt entity.

C. HOT LIST PRICING. At any time during this Contract, Vendor may offer a specific selection of Equipment, Products, or Services at discounts greater than those listed in the Contract. When Vendor determines it will offer Hot List Pricing, it must be submitted electronically to Sourcewell in a line-item format. Equipment, Products, or Services may be added or removed from the Hot List at any time through a Sourcewell Price and Product Change Form as defined in Article 4 below.

Hot List program and pricing may also be used to discount and liquidate close-out and discontinued Equipment and Products as long as those close-out and discontinued items are clearly identified as such. Current ordering process and administrative fees apply. Hot List Pricing must be published and made available to all Participating Entities.

4. PRODUCT AND PRICING CHANGE REQUESTS

Vendor may request Equipment, Product, or Service changes, additions, or deletions at any time. All requests must be made in writing by submitting a signed Sourcewell Price and Product Change Request Form to the assigned Sourcewell Contract Administrator. This form is available from the assigned Sourcewell Contract Administrator. At a minimum, the request must:

- Identify the applicable Sourcewell contract number;
- Clearly specify the requested change;
- Provide sufficient detail to justify the requested change;
- Individually list all Equipment, Products, or Services affected by the requested change, along with the requested change (e.g., addition, deletion, price change); and
- Include a complete restatement of pricing documentation in Microsoft Excel with the effective date of the modified pricing, or product addition or deletion. The new pricing

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restatement must include all Equipment, Products, and Services offered, even for those items where pricing remains unchanged.

A fully executed Sourcewell Price and Product Request Form will become an amendment to this Contract and be incorporated by reference.

5. PARTICIPATION, CONTRACT ACCESS, AND PARTICIPATING ENTITY REQUIREMENTS

A. PARTICIPATION. Sourcewell's cooperative contracts are available and open to public and nonprofit entities across the United States and Canada; such as federal, state/province, municipal, K-12 and higher education, tribal government, and other public entities.

The benefits of this Contract should be available to all Participating Entities that can legally access the Equipment, Products, or Services under this Contract. A Participating Entity's authority to access this Contract is determined through its cooperative purchasing, interlocal, or joint powers laws. Any entity accessing benefits of this Contract will be considered a Service Member of Sourcewell during such time of access. Vendor understands that a Participating Entity's use of this Contract is at the Participating Entity's sole convenience and Participating Entities reserve the right to obtain like Equipment, Products, or Services from any other source.

Vendor is responsible for familiarizing its sales and service forces with Sourcewell contract use eligibility requirements and documentation and will encourage potential participating entities to join Sourcewell. Sourcewell reserves the right to add and remove Participating Entities to its roster during the term of this Contract.

B. PUBLIC FACILITIES. Vendor's employees may be required to perform work at government-owned facilities, including schools. Vendor's employees and agents must conduct themselves in a professional manner while on the premises, and in accordance with Participating Entity policies and procedures, and all applicable laws.

6. PARTICIPATING ENTITY USE AND PURCHASING

A. ORDERS AND PAYMENT. To access the contracted Equipment, Products, or Services under this Contract, a Participating Entity must clearly indicate to Vendor that it intends to access this Contract; however, order flow and procedure will be developed jointly between Sourcewell and Vendor. Typically, a Participating Entity will issue an order directly to Vendor. If a Participating Entity issues a purchase order, it may use its own forms, but the purchase order should clearly note the applicable Sourcewell contract number. All Participating Entity orders under this Contract must be issued prior to expiration of this Contract; however, Vendor performance, Participating Entity payment, and any applicable warranty periods or other Vendor or Participating Entity obligations may extend beyond the term of this Contract.

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Vendor's acceptable forms of payment are included in Attachment A. Participating Entities will be solely responsible for payment and Sourcewell will have no liability for any unpaid invoice of any Participating Entity.

B. ADDITIONAL TERMS AND CONDITIONS/PARTICIPATING ADDENDUM. Additional terms and conditions to a purchase order, or other required transaction documentation, may be negotiated between a Participating Entity and Vendor, such as job or industry-specific requirements, legal requirements (e.g., affirmative action or immigration status requirements), or specific local policy requirements. Some Participating Entitles may require the use of a Participating Addendum; the terms of which will be worked out directly between the Participating Entity and the Vendor. Any negotiated additional terms and conditions must never be less favorable to the Participating Entity than what is contained in this Contract.

C. SPECIALIZED SERVICE REQUIREMENTS. In the event that the Participating Entity requires service or specialized performance requirements (such as e-commerce specifications, specialized delivery requirements, or other specifications and requirements) not addressed in this Contract, the Participating Entity and the Vendor may enter into a separate, standalone agreement, apart from this Contract. Sourcewell, including its agents and employees, will not be made a party to a claim for breach of such agreement.

D. TERMINATION OF ORDERS. Participating Entities may terminate an order, in whole or in part, immediately upon notice to Vendor in the event of any of the following events:

1. The Participating Entity fails to receive funding or appropriation from its governing body at levels sufficient to pay for the goods to be purchased;
2. Federal, state, or provincial laws or regulations prohibit the purchase or change the Participating Entity's requirements; or
3. Vendor commits any material breach of this Contract or the additional terms agreed to between the Vendor and a Participating Entity.

E. GOVERNING LAW AND VENUE. The governing law and venue for any action related to a Participating Entity's order will be determined by the Participating Entity making the purchase.

7. CUSTOMER SERVICE

A. PRIMARY ACCOUNT REPRESENTATIVE. Vendor will assign an Account Representative to Sourcewell for this Contract and must provide prompt notice to Sourcewell if that person is changed. The Account Representative will be responsible for:

- Maintenance and management of this Contract;
- Timely response to all Sourcewell and Participating Entity inquiries; and
- Business reviews to Sourcewell and Participating Entities, if applicable.

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B. BUSINESS REVIEWS. Vendor must perform a minimum of one business review with Sourcewell per contract year. The business review will cover sales to Participating Entities, pricing and contract terms, administrative fees, supply issues, customer issues, and any other necessary information.

8. REPORT ON CONTRACT SALES ACTIVITY AND ADMINISTRATIVE FEE PAYMENT

A. CONTRACT SALES ACTIVITY REPORT. Each calendar quarter, Vendor must provide a contract sales activity report (Report) to the Sourcewell Contract Administrator assigned to this Contract. A Report must be provided regardless of the number or amount of sales during that quarter (i.e., if there are no sales, Vendor must submit a report indicating no sales were made).

The Report must contain the following fields:

- Customer Name (e.g., City of Staples Highway Department);
- Customer Physical Street Address;
- Customer City;
- Customer State/Province;
- Customer Zip Code;
- Customer Contact Name;
- Customer Contact Email Address;
- Customer Contact Telephone Number;
- Sourcewell Assigned Entity/Participating Entity Number;
- Item Purchased Description;
- Item Purchased Price;
- Sourcewell Administrative Fee Applied; and
- Date Purchase was invoiced/sale was recognized as revenue by Vendor.

B. ADMINISTRATIVE FEE. In consideration for the support and services provided by Sourcewell, the Vendor will pay an administrative fee to Sourcewell on all Equipment, Products, and Services provided to Participating Entities. The Administrative Fee must be included in, and not added to, the pricing. Vendor may not charge Participating Entities more than the contracted price to offset the Administrative Fee.

The Vendor will submit payment to Sourcewell for the percentage of administrative fee stated in the Proposal multiplied by the total sales of all Equipment, Products, and Services purchased by Participating Entities under this Contract during each calendar quarter. Payments should note the Vendor's name and Sourcewell-assigned contract number in the memo; and must be mailed to the address above "Attn: Accounts Receivable" or remitted electronically to Sourcewell's banking institution per Sourcewell's Finance department instructions. Payments must be received no later than 45 calendar days after the end of each calendar quarter.

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Vendor agrees to cooperate with Sourcewell in auditing transactions under this Contract to ensure that the administrative fee is paid on all items purchased under this Contract.

In the event the Vendor is delinquent in any undisputed administrative fees, Sourcewell reserves the right to cancel this Contract and reject any proposal submitted by the Vendor in any subsequent solicitation. In the event this Contract is cancelled by either party prior to the Contract's expiration date, the administrative fee payment will be due no more than 30 days from the cancellation date.

9. AUTHORIZED REPRESENTATIVE

Sourcewell's Authorized Representative is its Chief Procurement Officer.

Vendor's Authorized Representative is the person named in the Vendor's Proposal. If Vendor's Authorized Representative changes at any time during this Contract, Vendor must promptly notify Sourcewell in writing.

10. AUDIT, ASSIGNMENT, AMENDMENTS, WAIVER, AND CONTRACT COMPLETE

A. AUDIT. Pursuant to Minnesota Statutes Section 16C.05, subdivision 5, the books, records, documents, and accounting procedures and practices relevant to this Agreement are subject to examination by Sourcewell or the Minnesota State Auditor for a minimum of six years from the end of this Contract. This clause extends to Participating Entities as it relates to business conducted by that Participating Entity under this Contract.

B. ASSIGNMENT. Neither the Vendor nor Sourcewell may assign or transfer any rights or obligations under this Contract without the prior consent of the parties and a fully executed assignment agreement. Such consent will not be unreasonably withheld.

C. AMENDMENTS. Any amendment to this Contract must be in writing and will not be effective until it has been fully executed by the parties.

D. WAIVER. If either party fails to enforce any provision of this Contract, that failure does not waive the provision or the right to enforce it.

E. CONTRACT COMPLETE. This Contract contains all negotiations and agreements between Sourcewell and Vendor. No other understanding regarding this Contract, whether written or oral, may be used to bind either party. For any conflict between the attached Proposal and the terms set out in Articles 1-22, the terms of Articles 1-22 will govern.

F. RELATIONSHIP OF THE PARTIES. The relationship of the parties is one of independent contractors, each free to exercise judgment and discretion with regard to the conduct of their

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respective businesses. This Contract does not create a partnership, joint venture, or any other relationship such as master-servant, or principal-agent.

11. LIABILITY

Vendor must indemnify, save, and hold Sourcewell and its Participating Entities, including their agents and employees, harmless from any claims or causes of action, including attorneys' fees, arising out of the performance of this Contract by the Vendor or its agents or employees; this indemnification includes injury or death to person(s) or property alleged to have been caused by some defect in the Equipment, Products, or Services under this Contract to the extent the Equipment, Product, or Service has been used according to its specifications.

12. GOVERNMENT DATA PRACTICES

Vendor and Sourcewell must comply with the Minnesota Government Data Practices Act, Minnesota Statutes Chapter 13, as it applies to all data provided by or provided to Sourcewell under this Contract and as it applies to all data created, collected, received, stored, used, maintained, or disseminated by the Vendor under this Contract.

If the Vendor receives a request to release the data referred to in this article, the Vendor must immediately notify Sourcewell and Sourcewell will assist with how the Vendor should respond to the request.

13. INTELLECTUAL PROPERTY, PUBLICITY, MARKETING, AND ENDORSEMENT

A. INTELLECTUAL PROPERTY

1. *Grant of License.* During the term of this Contract:

   a. Sourcewell grants to Vendor a royalty-free, worldwide, non-exclusive right and license to use theTrademark(s) provided to Vendor by Sourcewell in advertising and promotional materials for the purpose of marketing Sourcewell's relationship with Vendor.

   b. Vendor grants to Sourcewell a royalty-free, worldwide, non-exclusive right and license to use Vendor's Trademarks in advertising and promotional materials for the purpose of marketing Vendor's relationship with Sourcewell.

2. *Limited Right of Sublicense*. The right and license granted herein includes a limited right of each party to grant sublicenses to its and their respective distributors, marketing representatives, and agents (collectively "Permitted Sublicensees") in advertising and promotional materials for the purpose of marketing the Parties' relationship to Participating Entities. Any sublicense granted will be subject to the terms and conditions of this Article. Each party will be responsible for any breach of this Article by any of their respective sublicensees.

3. *Use; Quality Control.*

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a. Sourcewell must not alter Vendor's Trademarks from the form provided by Vendor and must comply with Vendor's removal requests as to specific uses of its trademarks or logos.

b. Vendor must not alter Sourcewell's Trademarks from the form provided by Sourcewell and must comply with Sourcewell's removal requests as to specific uses of its trademarks or logos.

c. Each party agrees to use, and to cause its Permitted Sublicensees to use, the other party's Trademarks only in good faith and in a dignified manner consistent with such party's use of the Trademarks. Upon written notice to the breaching party, the breaching party has 30 days of the date of the written notice to cure the breach or the license will be terminated.

4. As applicable, Vendor agrees to indemnify and hold harmless Sourcewell and its Participating Entities against any and all suits, claims, judgments, and costs instituted or recovered against Sourcewell or Participating Entities by any person on account of the use of any Equipment or Products by Sourcewell or its Participating Entities supplied by Vendor in violation of applicable patent or copyright laws.

5. Termination. Upon the termination of this Contract for any reason, each party, including Permitted Sublicensees, will have 30 days to remove all Trademarks from signage, websites, and the like bearing the other party's name or logo (excepting Sourcewell's pre-printed catalog of vendors which may be used until the next printing). Vendor must return all marketing and promotional materials, including signage, provided by Sourcewell, or dispose of it according to Sourcewell's written directions.

B. PUBLICITY. Any publicity regarding the subject matter of this Contract must not be released without prior written approval from the Authorized Representatives. Publicity includes notices, informational pamphlets, press releases, research, reports, signs, and similar public notices prepared by or for the Vendor individually or jointly with others, or any subcontractors, with respect to the program, publications, or services provided resulting from this Contract.

C. MARKETING. Any direct advertising, marketing, or offers with Participating Entities must be approved by Sourcewell. Materials should be sent to the Sourcewell Contract Administrator assigned to this Contract.

D. ENDORSEMENT. The Vendor must not claim that Sourcewell endorses its Equipment, Products, or Services.

14. GOVERNING LAW, JURISDICTION, AND VENUE

Minnesota law governs this Contract. Venue for all legal proceedings out of this Contract, or its breach, must be in the appropriate state court in Todd County or federal court in Fergus Falls, Minnesota.

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15. FORCE MAJEURE

Neither party to this Contract will be held responsible for delay or default caused by acts of God or other conditions that are beyond that party's reasonable control (including either pandemic or epidemic). A party defaulting under this provision must provide the other party prompt written notice of the default.

16. SEVERABILITY

If any provision of this Contract is found to be illegal, unenforceable, or void then both Sourcewell and Vendor will be relieved of all obligations arising under such provisions. If the remainder of this Contract is capable of performance, it will not be affected by such declaration or finding and must be fully performed.

17. PERFORMANCE, DEFAULT, AND REMEDIES

A. PERFORMANCE. During the term of this Contract, the parties will monitor performance and address unresolved contract issues as follows:

1. *Notification.* The parties must promptly notify each other of any known dispute and work in good faith to resolve such dispute within a reasonable period of time. If necessary, Sourcewell and the Vendor will jointly develop a short briefing document that describes the issue(s), relevant impact, and positions of both parties.
2. *Escalation.* If parties are unable to resolve the issue in a timely manner, as specified above, either Sourcewell or Vendor may escalate the resolution of the issue to a higher level of management. The Vendor will have 30 calendar days to cure an outstanding issue.
3. *Performance while Dispute is Pending*. Notwithstanding the existence of a dispute, the Vendor must continue without delay to carry out all of its responsibilities under the Contract that are not affected by the dispute. If the Vendor fails to continue without delay to perform its responsibilities under the Contract, in the accomplishment of all undisputed work, any additional costs incurred by Sourcewell and/or its Participating Entities as a result of such failure to proceed will be borne by the Vendor.

B. DEFAULT AND REMEDIES. Either of the following constitutes cause to declare this Contract, or any Participating Entity order under this Contract, in default:

1. Nonperformance of contractual requirements, or
2. A material breach of any term or condition of this Contract.

Written notice of default and a reasonable opportunity to cure must be issued by the party claiming default. Time allowed for cure will not diminish or eliminate any liability for liquidated or other damages. If the default remains after the opportunity for cure, the non-defaulting party may:

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- Exercise any remedy provided by law or equity, or
- Terminate the Contract or any portion thereof, including any orders issued against the Contract.

18. INSURANCE

A. REQUIREMENTS. At its own expense, Vendor must maintain insurance policy(ies) in effect at all times during the performance of this Contract with insurance company(ies) licensed or authorized to do business in the State of Minnesota having an "AM BEST" rating of A- or better, with coverage and limits of insurance not less than the following:

1. *Workers' Compensation and Employer's Liability.*
Workers' Compensation: As required by any applicable law or regulation.
Employer's Liability Insurance: must be provided in amounts not less than listed below:
Minimum limits:
$500,000 each accident for bodily injury by accident
$500,000 policy limit for bodily injury by disease
$500,000 each employee for bodily injury by disease

2. *Commercial General Liability Insurance.* Vendor will maintain insurance covering its operations, with coverage on an occurrence basis, and must be subject to terms no less broad than the Insurance Services Office ("ISO") Commercial General Liability Form CG0001 (2001 or newer edition), or equivalent. At a minimum, coverage must include liability arising from premises, operations, bodily injury and property damage, independent contractors, products-completed operations including construction defect, contractual liability, blanket contractual liability, and personal injury and advertising injury. All required limits, terms and conditions of coverage must be maintained during the term of this Contract.
Minimum Limits:
$1,000,000 each occurrence Bodily Injury and Property Damage
$1,000,000 Personal and Advertising Injury
$2,000,000 aggregate for Products-Completed operations
$2,000,000 general aggregate

3. *Commercial Automobile Liability Insurance.* During the term of this Contract, Vendor will maintain insurance covering all owned, hired, and non-owned automobiles in limits of liability not less than indicated below. The coverage must be subject to terms no less broad than ISO Business Auto Coverage Form CA 0001 (2010 edition or newer), or equivalent.
Minimum Limits:
$1,000,000 each accident, combined single limit

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4. *Umbrella Insurance*. During the term of this Contract, Vendor will maintain umbrella coverage over Workers' Compensation, Commercial General Liability, and Commercial Automobile.

Minimum Limits:
$2,000,000

5. *Network Security and Privacy Liability Insurance*. During the term of this Contract, Vendor will maintain coverage for network security and privacy liability. The coverage may be endorsed on another form of liability coverage or written on a standalone policy. The insurance must cover claims which may arise from failure of Vendor's security resulting in, but not limited to, computer attacks, unauthorized access, disclosure of not public data – including but not limited to, confidential or private information, transmission of a computer virus, or denial of service.

Minimum limits:
$2,000,000 per occurrence
$2,000,000 annual aggregate

Failure of Vendor to maintain the required insurance will constitute a material breach entitling Sourcewell to immediately terminate this Contract for default.

B. CERTIFICATES OF INSURANCE. Prior to commencing under this Contract, Vendor must furnish to Sourcewell a certificate of insurance, as evidence of the insurance required under this Contract. Prior to expiration of the policy(ies), renewal certificates must be mailed to Sourcewell, 202 12th Street Northeast, P.O. Box 219, Staples, MN 56479 or sent to the Sourcewell Contract Administrator assigned to this Contract. The certificates must be signed by a person authorized by the insurer(s) to bind coverage on their behalf.

Failure to request certificates of insurance by Sourcewell, or failure of Vendor to provide certificates of insurance, in no way limits or relieves Vendor of its duties and responsibilities in this Contract.

C. ADDITIONAL INSURED ENDORSEMENT AND PRIMARY AND NON-CONTRIBUTORY INSURANCE CLAUSE. Vendor agrees to list Sourcewell and its Participating Entities, including their officers, agents, and employees, as an additional insured under the Vendor's commercial general liability insurance policy with respect to liability arising out of activities, "operations," or "work" performed by or on behalf of Vendor, and products and completed operations of Vendor. The policy provision(s) or endorsement(s) must further provide that coverage is primary and not excess over or contributory with any other valid, applicable, and collectible insurance or self-insurance in force for the additional insureds.

D. WAIVER OF SUBROGATION. Vendor waives and must require (by endorsement or otherwise) all its insurers to waive subrogation rights against Sourcewell and other additional insureds for losses paid under the insurance policies required by this Contract or other

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insurance applicable to the Vendor or its subcontractors. The waiver must apply to all deductibles and/or self-insured retentions applicable to the required or any other insurance maintained by the Vendor or its subcontractors. Where permitted by law, Vendor must require similar written express waivers of subrogation and insurance clauses from each of its subcontractors.

E. UMBRELLA/EXCESS LIABILITY/SELF-INSURED RETENTION. The limits required by this Contract can be met by either providing a primary policy or in combination with umbrella/excess liability policy(ies), or self-insured retention.

19. COMPLIANCE

A. LAWS AND REGULATIONS. All Equipment, Products, or Services provided under this Contract must comply fully with applicable federal laws and regulations, and with the laws in the states and provinces in which the Equipment, Products, or Services are sold.

B. LICENSES. Vendor must maintain a valid and current status on all required federal, state/provincial, and local licenses, bonds, and permits required for the operation of the business that the Vendor conducts with Sourcewell and Participating Entities.

20. BANKRUPTCY, DEBARMENT, OR SUSPENSION CERTIFICATION

Vendor certifies and warrants that it is not in bankruptcy or that it has previously disclosed in writing certain information to Sourcewell related to bankruptcy actions. If at any time during this Contract Vendor declares bankruptcy, Vendor must immediately notify Sourcewell in writing.

Vendor certifies and warrants that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from programs operated by the State of Minnesota; the United States federal government or the Canadian government, as applicable; or any Participating Entity. Vendor certifies and warrants that neither it nor its principals have been convicted of a criminal offense related to the subject matter of this Contract. Vendor further warrants that it will provide immediate written notice to Sourcewell if this certification changes at any time.

21. PROVISIONS FOR NON-UNITED STATES FEDERAL ENTITY PROCUREMENTS UNDER UNITED STATES FEDERAL AWARDS OR OTHER AWARDS

Participating Entities that use United States federal grant or FEMA funds to purchase goods or services from this Contract may be subject to additional requirements including the procurement standards of the Uniform Administrative Requirements, Cost Principles and Audit Requirements for Federal Awards, 2 C.F.R. § 200. Participating Entities may also require additional requirements based on specific funding specifications. Within this Article, all

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references to “federal” should be interpreted to mean the United States federal government. The following list only applies when a Participating Entity accesses Vendor’s Equipment, Products, or Services with United States federal funds. . The Participating Entity must provide advance notification to Vendor if federal funds are being used for the purchase.

A. EQUAL EMPLOYMENT OPPORTUNITY. Except as otherwise provided under 41 C.F.R. § 60, all contracts that meet the definition of “federally assisted construction contract” in 41 C.F.R. § 60-1.3 must include the equal opportunity clause provided under 41 C.F.R. §60-1.4(b), in accordance with Executive Order 11246, “Equal Employment Opportunity” (30 FR 12319, 12935, 3 C.F.R. §, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, “Amending Executive Order 11246 Relating to Equal Employment Opportunity,” and implementing regulations at 41 C.F.R. § 60, “Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor.” The equal opportunity clause is incorporated herein by reference. [Note - Vendor operates under California law and does not participate in or file Affirmative Action Plans.]

B. DAVIS-BACON ACT, AS AMENDED (40 U.S.C. § 3141-3148). When required by federal program legislation, all prime construction contracts in excess of $2,000 awarded by non-federal entities must include a provision for compliance with the Davis-Bacon Act (40 U.S.C. § 3141-3144, and 3146-3148) as supplemented by Department of Labor regulations (29 C.F.R. § 5, “Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction”). In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week. The non-federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non-federal entity must report all suspected or reported violations to the federal awarding agency. The contracts must also include a provision for compliance with the Copeland “Anti-Kickback” Act (40 U.S.C. § 3145), as supplemented by Department of Labor regulations (29 C.F.R. § 3, “Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States”). The Act provides that each contractor or subrecipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. The non-federal entity must report all suspected or reported violations to the federal awarding agency. Vendor must be in compliance with all applicable Davis-Bacon Act provisions.

C. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT (40 U.S.C. § 3701-3708). Where applicable, all contracts awarded by the non-federal entity in excess of $100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. §§ 3702 and 3704, as supplemented by Department of Labor regulations (29 C.F.R. § 5). Under 40 U.S.C. § 3702 of the Act, each contractor must be required to compute the wages of

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every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. § 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence. This provision is hereby incorporated by reference into this Contract. Vendor certifies that during the term of an award for all contracts by Sourcewell resulting from this procurement process, Vendor must comply with applicable requirements as referenced above.

D. RIGHTS TO INVENTIONS MADE UNDER A CONTRACT OR AGREEMENT. If the federal award meets the definition of "funding agreement" under 37 C.F.R. § 401.2(a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that "funding agreement," the recipient or subrecipient must comply with the requirements of 37 C.F.R. § 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency. Vendor certifies that during the term of an award for all contracts by Sourcewell resulting from this procurement process, Vendor must comply with applicable requirements as referenced above.

E. CLEAN AIR ACT (42 U.S.C. § 7401-7671Q.) AND THE FEDERAL WATER POLLUTION CONTROL ACT (33 U.S.C. § 1251-1387). Contracts and subgrants of amounts in excess of $150,000 require the non-federal award to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. § 7401- 7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. § 1251- 1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA). Vendor certifies that during the term of this Contract will comply with applicable requirements as referenced above.

F. DEBARMENT AND SUSPENSION (EXECUTIVE ORDERS 12549 AND 12689). A contract award (see 2 C.F.R. § 180.220) must not be made to parties listed on the government wide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 C.F.R. §180 that implement Executive Orders 12549 (3 C.F.R. § 1986 Comp., p. 189) and 12689 (3 C.F.R. § 1989 Comp., p. 235), "Debarment and Suspension." SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549. Vendor certifies that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation by any federal department or agency.

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G. BYRD ANTI-LOBBYING AMENDMENT, AS AMENDED (31 U.S.C. § 1352). Vendors must file any required certifications. Vendors must not have used federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Vendors must disclose any lobbying with non-federal funds that takes place in connection with obtaining any federal award. Such disclosures are forwarded from tier to tier up to the non-federal award. Vendors must file all certifications and disclosures required by, and otherwise comply with, the Byrd Anti-Lobbying Amendment (31 U.S.C. § 1352).

H. RECORD RETENTION REQUIREMENTS. To the extent applicable, Vendor must comply with the record retention requirements detailed in 2 C.F.R. § 200.333. The Vendor further certifies that it will retain all records as required by 2 C.F.R. § 200.333 for a period of 3 years after grantees or subgrantees submit final expenditure reports or quarterly or annual financial reports, as applicable, and all other pending matters are closed.

I. ENERGY POLICY AND CONSERVATION ACT COMPLIANCE. To the extent applicable, Vendor must comply with the mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act.

J. BUY AMERICAN PROVISIONS COMPLIANCE. To the extent applicable, Vendor must comply with all applicable provisions of the Buy American Act. Purchases made in accordance with the Buy American Act must follow the applicable procurement rules calling for free and open competition. [Note – Vendor's products are not manufactured domestically and do not satisfy the second element of the Buy American Act test for domestically manufactured products.]

K. ACCESS TO RECORDS (2 C.F.R. § 200.336). Vendor agrees that duly authorized representatives of a federal agency must have access to any books, documents, papers and records of Vendor that are directly pertinent to Vendor's discharge of its obligations under this Contract for the purpose of making audits, examinations, excerpts, and transcriptions. The right also includes timely and reasonable access to Vendor's personnel for the purpose of interview and discussion relating to such documents.

L. PROCUREMENT OF RECOVERED MATERIALS (2 C.F.R. § 200.322). A non-federal entity that is a state agency or agency of a political subdivision of a state and its contractors must comply with Section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 C.F.R. § 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds $10,000 or the value of the quantity acquired during the preceding fiscal year exceeded $10,000; procuring

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solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

22. CANCELLATION

Sourcewell or Vendor may cancel this Contract at any time, with or without cause, upon 60 days' written notice to the other party. However, Sourcewell may cancel this Contract immediately upon discovery of a material defect in any certification made in Vendor's Proposal. Cancellation of this Contract does not relieve either party of financial, product, or service obligations incurred or accrued prior to cancellation.

Sourcewell

DocuSigned by:
By: Jeremy Schwartz
C0FD2A139D06489...
Jeremy Schwartz
Title: Chief Procurement Officer
Date: 4/28/2021 | 12:20 PM CDT

Kubota Tractor Corporation

DocuSigned by:
By: Alex Woods
7839492180EC44E...
Alex Woods
Title: Vice President
Date: 4/28/2021 | 9:39 AM PDT

Approved:

DocuSigned by:
By: Chad Coauette
7E42B8F817A64CC...
Chad Coauette
Title: Executive Director/CEO
Date: 4/28/2021 | 12:30 PM CDT

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RFP 031121 - Grounds Maintenance Equipment, Attachments, and Accessories with Related Services

Vendor Details

Company Name:	Kubota Tractor Corporation
Address:	1000 Kubota Drive Grapevine, TX 76051
Contact:	Mike Spillars
Email:	mike.spillars@kubota.com
Phone:	817-532-5592
HST#:	95-2801513

Submission Details

Created On:	Thursday January 21, 2021 09:29:17
Submitted On:	Thursday March 11, 2021 13:37:19
Submitted By:	Rusty Pugh
Email:	rusty.pugh@kubota.com
Transaction #:	e816d383-5749-427b-85c2-950c6dca68cc
Submitter's IP Address:	74.84.168.187

Specifications

Table 1: Proposer Identity & Authorized Representatives

General Instructions (applies to all Tables) Sourcewell prefers a brief but thorough response to each question. Please do not merely attach additional documents to your response without also providing a substantive response. Do not leave answers blank; mark "NA" if the question does not apply to you (preferably with an explanation).

Line Item	Question	Response *	
1	Proposer Legal Name (and applicable d/b/a, if any):	Kubota Tractor Corporation	*
2	Proposer Address:	1000 Kubota Drive Grapevine, TX 76051	*
3	Proposer website address:	www.kubotausa.com	*
4	Proposer's Authorized Representative (name, title, address, email address & phone) (The representative must have authority to sign the "Proposer's Assurance of Compliance" on behalf of the Proposer and, in the event of award, will be expected to execute the resulting contract):	Alex Woods Vice President 1000 Kubota Drive, Grapevine, TX 76051 alex.woods@kubota.com PH: 817-756-1171	*
5	Proposer's primary contact for this proposal (name, title, address, email address & phone):	Rusty Pugh National Accounts Manager, Municipal and New Business 1000 Kubota Drive, Grapevine, TX 76051 rusty.pugh@kubota.com 817-716-3587	*
6	Proposer's other contacts for this proposal, if any (name, title, address, email address & phone):	Mike Spillars National Accounts Business Development Manager 1000 Kubota Drive, Grapevine, TX 76051 mike.spillars@kubota.com 817-532-5592	

Table 2: Company Information and Financial Strength

Line Item	Question	Response *	

7	Provide a brief history of your company, including your company's core values, business philosophy, and industry longevity related to the requested equipment, products or services.	Who Kubota is, and will continue to be, is summed up in this statement; Kubota is passionate about, and dedicated to food, water, and life. Gonshiro Kubota demonstrated this with the founding of Kubota in 1890 as a casting company to serve a critical need for safe drinking water. In 1893 Kubota produced the first ever domestic cast iron pipes. Following WWII food was in short supply in Japan. Kubota developed the cultivator, a pioneering piece of equipment in the mechanization of agriculture and the revolution of the production of food. With small villages in Japan suffering from labor shortages, Kubota developed our first tractor to provide a stable and abundant food supply. In 1969 Kubota Corporation filled a void in sub-compact tractors by introducing its first tractor into the United States. The Kubota Tractor Corporation was formed in 1972 as a privately held corporation of Kubota Corporation, Osaka, Japan. It has been growing and expanding its offering in the United States ever since. Kubota Tractor Corporation serves Kubota Corporation as distribution in the United States for Kubota equipment. This includes all the products serving this contract in turf mowing and grounds maintenance equipment, tractors, and attachments, as well as compact construction equipment which includes excavators, skid steers, backhoes, wheel loaders and utility vehicles. Additionally, Kubota Corporation has a wholly owned subsidiary in Canada (Kubota Canada Limited "KCL"). KCL supports Canadian sales and distribution. Innovating products since 1890, Kubota continues today to innovate and bring new products and technology into the marketplace. One example is Kubota's revolutionary common rail system with exhaust gas recirculation (EGR), and diesel particulate filter (DPF) muffler. This combination produces more torque at low rpm's with less emissions and better fuel efficiency. This innovation is used across our products where possible. Another example is our inventive glide steer technology, found on our GR series of mowers. These mowers also feature Reverse Awareness Systems (KRS) for additional safety when mowing in reverse. These are but a few examples in action of Kubota's philosophy of creating new and innovative products that are dedicated to preserving our environment and life. Kubota continues to innovate and serve its customers today with the number one selling sub-compact tractor, mini excavator, diesel utility vehicle, and diesel engine in the United States along with a varied and respected product offering. Kubota's core values of dedication to food, water and life are tied to serving our customers. Our company is committed to working for the development of society by drawing on all our capabilities and know-how to offer superior products and technologies. Kubota's business philosophy and primary objective is not sales and profits, rather, to win the trust of our customers and contribute to society in a growing number of ways. Everything we do is for the customer and this can be seen below in the "Kubota Promise". a. Produce state of the art, quality products b. Lead the industry in engineering and technological firsts c. Respect the environment and protect our customer's safety d. Provide uncompromising service e. Listen and respond to the customer's needs f. Value each customer relationship with integrity and respect g. Support professional dealers and retailers h. Manage with vision and leadership Since our founding in 1890, Kubota continues to be a global leader in the products we produce and the markets we serve. Food, water, and the environment are indispensable for human beings. Kubota is looking to the future to support earth and humanity. By contributing products, like the utility vehicles in this proposal, and creating a superior living environment through superior products, technologies, and services, Kubota is living out its core values and business philosophy of being passionate about, and dedicated to food, water, and life.	*

8	What are your company's expectations in the event of an award?	If awarded the Sourcewell contract number 031121, Kubota expects to meet and exceed the expectations of Sourcewell members for products, services, and support. Kubota will position Sourcewell as our first and best solution for cooperative purchasing. Our dedicated National Account Manager for Municipal and Business Development makes our Sourcewell contracts a focus for sales growth throughout the United States and Canada. Kubota is committed to supporting Sourcewell members wherever they are located at a level that meets and exceeds their expectations. Kubota will build into dealer training meetings, Sourcewell member aftersales support, and marketing direction to ensure success. We will engage our 1,100 dealers to promote our contract, and support Sourcewell members to the greatest extent possible. Kubota will engage government entities in the adoption of our Sourcewell contract in place of establishing individual government contracts. Kubota and the National Account Manager for Municipal and New Business will partner with Sourcewell for marketing materials and trade show support. Kubota looks forward to attending and supporting Sourcewell "Get to Know Us" forums and will encourage dealer participation to understand the value of contract purchasing with Sourcewell members. Kubota will incorporate all Sourcewell marketing materials, resources, and tools (e.g. training videos, Talkin' Tactics Webinars, etc.) into dealer education and business development. Lastly, Kubota's expectations are when Sourcewell members reach out to their local Kubota dealer, the dealer knows who they are and how they can help.	*
9	Demonstrate your financial strength and stability with meaningful data. This could include such items as financial statements, SEC filings, credit and bond ratings, letters of credit, and detailed reference letters. Upload supporting documents (as applicable) in the document upload section of your response.	Financial information has been attached. These documents include general information such as Dun and Bradstreet number and Federal I.D numbers as well as more specific financial information such as creditors and banking information. Beyond the numbers is more tangible evidence of strength and stability. Kubota can demonstrate this financial strength and stability in multiple ways. Kubota pays dividends on its stock. Dividends attract long-term investors and offering them is a sign of financial stability. Additionally, in 2020, Kubota announced a multi-year strategic alliance with Microsoft. Kubota is migrating its IT infrastructure and SAP mission-critical systems onto Microsoft's trusted cloud platform. This investment in long-term company infrastructure streamlines business operations, accelerates innovation, and shifts towards a solution provision model. Furthermore, this investment not only demonstrates financial strength and stability, it allows Kubota to develop AI-based solutions for businesses in the area of food, water, and the environment. Kubota Tractor Corporation's parent company, Kubota Corporation, carries an AA- issuer rating as well as a Long-Term Issue rating of AA-. This very high credit worthiness is supported by excellent factors. The short-term rating is a-1+. This rating denotes a high certainty of fulfillment of short-term obligation. In closing, a copy of the most recently available full year financial report has been included in documentation.	*
10	What is your US market share for the solutions that you are proposing?	Kubota has approximately 34% market share for the solutions being proposed.	*
11	What is your Canadian market share for the solutions that you are proposing?	Kubota's Canadian market share data mirrors that of the United States.	*
12	Has your business ever petitioned for bankruptcy protection? If so, explain in detail.	No, Kubota has never petitioned for bankruptcy protection.	*
13	How is your organization best described: is it a manufacturer, a distributor/dealer/reseller, or a service provider? Answer whichever question (either a) or b) just below) best applies to your organization. a) If your company is best described as a distributor/dealer/reseller (or similar entity), provide your written authorization to act as a distributor/dealer/reseller for the manufacturer of the products proposed in this RFP. If applicable, is your dealer network independent or company owned? b) If your company is best described as a manufacturer or service provider, describe your relationship with your sales and service force and with your dealer network in delivering the products and services proposed in this RFP. Are these individuals your employees, or the employees of a third party?	a) Distributor. Kubota Tractor Corporation was incorporated under the laws of the state of California and is a wholly owned subsidiary of the holding company Kubota North America Corporation which is wholly owned by Kubota Corporation, a Japanese Corporation. Kubota Tractor Corporation and Kubota Canada Ltd sell Kubota equipment to the Kubota dealer network of over 1,100 independently owned Kubota dealerships. These dealers service and sell Kubota products in all 50 states and throughout Canada.	*

14	If applicable, provide a detailed explanation outlining the licenses and certifications that are both required to be held, and actually held, by your organization (including third parties and subcontractors that you use) in pursuit of the business contemplated by this RFP.	No licenses and certifications are required to be held by Kubota. However, our commitment to environmental excellence is witnessed in achieving our ISO 14001 environmental certifications. ISO 14001 certification has been achieved at all domestic sites and 14 production sites in Japan. ISO 14001 certification is an environmental certification issued by the International Organization for Standardization. Additionally, all divisions have achieved ISO 9001 certification. 24 Kubota Group companies whose primary operation is manufacturing have acquired certification. Certifications demonstrate Kubota's commitment to excellence in quality in design, development, and environmental sustainability. Some examples include employing DRBFM, a cross functional disciplined process to evaluate proposed changes to designs. Kubota self-audits quality, quality compliance, cross audits, and audits at short notice. This focus on auditing and compliance is to achieve operational excellence. It is these kinds of actions that result in Kubota's operational excellence and our certifications.	*
15	Provide all "Suspension or Debarment" information that has applied to your organization during the past ten years.	None. There have been no suspensions or debarment in the past ten years.	*

Table 3: Industry Recognition & Marketplace Success

Line Item	Question	Response *	

16	Describe any relevant industry awards or recognition that your company has received in the past five years	2020 • Landscape Business “Twenty for 2020 New Products Award • Pro Tool Innovation Awards – SZ series stand-on mowers • Rental Equipment Register 2020 “Innovative Product Award” – SVL65-2 • Pro Tool Innovation Awards – RTV-XG850 • Diesel International “Diesel of the Year” V5009 – first ever won by a Japanese manufacturer for this European award • “2020 Machine of the Year” Agraheute Audience Choice Award– M7003 • Georgia US Department of Economic Development GEAR Award Transportation Equipment Manufacturer of the Year. 2019 • Best-selling diesel utility vehicle in North America – Power Products Marketing North American Utility Vehicle Market Reports (ranked number one every year since 2004). • The North American Dealers Association (NAEDA) Dealers-Manufacturers survey has ranked Kubota number one, six years in a row. • OEM Off-Highway Research – Worlds #1 selling compact excavator. • Kubota obtained the highest rated "A-List Company" in "CDP Water Security Program". The CDP is an international non-profit organization that conducts researches against companies and governments to reduce greenhouse gases and emissions. • Equipment Watch - Kubota U35-4 compact excavator wins Highest Retained Value Award. • Excellence Award in Environmental Reporting - 23rd annual Environmental Communication Awards co-sponsored by the Japanese Ministry of the Environment and the Global Environment Forum. 2018 • Best-selling diesel utility vehicle in North America – Power Products Marketing North American Utility Vehicle Market Reports. • Environmental Technology and Project Award presented by the Environmental Engineering Committee of the Japan Society of Civil Engineers. • OEM Off-Highway Research – Worlds #1 selling compact excavator. • Excellence Award - CASBEE Sakai Environmental Building Awards for promoting environmentally buildings. • BLUE PROPER Award - Environment Minister Indonesia. This rating is only for companies found operating 100 percent in compliance with environmental regulations. • Green Award - Kubota Environmental Engineering (Shanghai) - Chinese Environmental Conference. • KBS Kubota Co., Ltd. - Environmental Contribution Award presented at the 2018 Logistics Awards sponsored by the Japan Institute of Logistics Systems. • Excellence Award in Environmental Reporting - 22rd annual Environmental Communication Awards co-sponsored by the Japanese Ministry of the Environment and the Global Environment Forum. 2017 • AE50 Outstanding Innovation Award – RTV X1140 Utility Vehicle • Best-selling diesel utility vehicle in North America – Power Products Marketing North American Utility Vehicle Market Reports. • OEM Off-Highway Research – Worlds #1 selling compact excavator. • Green Industry Award from the Thai government. • Kubota obtained the highest rated "A-List Company" in "CDP Water Security Program" in 2017. The CDP is an international non-profit organization that conducts researches against companies and governments to reduce greenhouse gases and emissions. • AGRITECHNICA 2017 – Vicon Extra 7100T GEOMOW – Machine of the Year. • iF International Forum - Design Award – M7001 series 2016 • Japan Institute of Design Promotion – FY2016 Good Design Award. • Best-selling diesel utility vehicle in North America – Power Products Marketing North American Utility Vehicle Market Reports. • OEM Off-Highway Research – Worlds #1 selling compact excavator.	*
17	What percentage of your sales are to the governmental sector in the past three years	Government and education collectively comprise approximately 45% of Kubota’s national accounts program reporting.	*
18	What percentage of your sales are to the education sector in the past three years	Government and education collectively comprise approximately 45% of Kubota’s national accounts program reporting.	*

19	List any state, provincial, or cooperative purchasing contracts that you hold. What is the annual sales volume for each of these contracts over the past three years?	Sourcewell cooperative purchasing contract – 2020 - $34.5mm, 2019 - $33.8mm, 2018 - $26.3mm BuyBoard – 2020 - $8.03mm, 2019 - $9.9mm, 2018 – no contract HGAC cooperative purchasing contract - 2020 - $306k, 2019 - $595k, 2018 - $656k MAPO cooperative purchasing contract - 2020 - $1.4mm, 2019 - $1.7mm, 2018 - $1.16mm Louisiana state contract - 2020 - $199k, 2019 - $3.4mm, 2018 - $3.41mm Oregon state contract - 2020 - $396k, 2019 - $1.2mm, 2018 - $860k New York state contract (adopted Sourcewell contract, volume is included in Sourcewell totals) Pennsylvania state contract - 2020 - $2.07mm, 2019 - $2.2mm, 2018 - $44k	*
20	List any GSA contracts or Standing Offers and Supply Arrangements (SOSA) that you hold. What is the annual sales volume for each of these contracts over the past three years?	Kubota has multiple dealers holding General Services Administration contracts and can be found on https://www.gsaadvantage.gov/advantage/ws/main/start_page?store=ADVANTAGE. While dealer overall sales volumes are visible to Kubota, dealer GSA sales volumes are not reported Kubota.	*

Table 4: References/Testimonials

Line Item 21. Supply reference information from three customers who are eligible to be Sourcewell participating entities.

Entity Name *	Contact Name *	Phone Number *	
Lodi Unified School District	Eric Wise	209-712-6346	*
Eugene Water and Electric Board	Gary Lentsch	503-484-2411	*
Samaritan's Purse	Matt Libby	207-551-8292	*
New York State Natural Heritage Trust	Bill Bohach	631-323-2440	
Auburn University	Malcomb Pegues	251-928-2740	

Table 5: Top Five Government or Education Customers

Line Item 22. Provide a list of your top five government, education, or non-profit customers (entity name is optional), including entity type, the state or province the entity is located in, scope of the project(s), size of transaction(s), and dollar volumes from the past three years.

Entity Name	Entity Type *	State / Province *	Scope of Work *	Size of Transactions *	Dollar Volume Past Three Years *	
Village of Holley	Government	New York - NY	Construction and grounds maintenance equipment - Kubota equipment purchases	$25,000-$50,000	$763,406	*
Miami Dade Parks and Recreation	Government	Florida - FL	Construction and grounds maintenance equipment - Kubota equipment purchases	$25,000-$50,000	$498,766	*
City of Greensboro	Government	North Carolina - NC	Construction and grounds maintenance equipment - Kubota equipment purchases	$25,000-$50,000	$384,395	*
Town of Fallsburg	Government	New York - NY	Construction and grounds maintenance equipment - Kubota equipment purchases	$25,000-$50,000	$355,798	*
City of Athens	Government	Alabama - AL	Construction and grounds maintenance equipment - Kubota equipment purchases	$25,000-$50,000	$342,345	*

Table 6: Ability to Sell and Deliver Service

Describe your company's capability to meet the needs of Sourcewell participating entities across the US and Canada, as applicable. Your response should address in detail at least the following areas: locations of your network of sales and service providers, the number

of workers (full-time equivalents) involved in each sector, whether these workers are your direct employees (or employees of a third party), and any overlap between the sales and service functions.

Line Item	Question	Response *	
23	Sales force.	Kubota's sales force is strong and contains employees of our company as well as that of our dealer network numbering over 1,100 locations. Sales coverage is in place for all 50 states as well as Canada by both our dealers and Kubota commercial sales team. Our typical dealer averages four sales representatives leading to dealer sales representation that conservatively averages over 4,000 representatives. Kubota in Canada has 154 dealer locations with similar sales force averages. Additionally Kubota directly employs 51 region sales managers, five district sales managers, and five division sales managers. This Kubota sales force is essential for educating and instructing dealers in promoting and supporting government and education entities. This combined sales effort will also drive new Sourcewell member growth and engagement.	*
24	Dealer network or other distribution methods.	Kubota has five divisions in the United States that is served by three distribution warehouse in Georgia, Kansas, and California. These centers serve and support over 1,100 Kubota dealers serving all fifty states in the United States. In Canada, Kubota has 154 dealers who serve all of Canada.	*
25	Service force.	Kubota places a high level of importance on quality, dependability, and service support. In fact, Kubota dealers average over twice as many service technicians as sales representatives. With each Kubota dealer averaging 9 service technicians, Kubota's dealer network averages over nine thousand service representatives in the United States. Many of these have mobile service vehicles. Kubota's Canadian dealer network has similar averages of service technicians in its 154 dealerships. Kubota internally employs approximately 50 field-based technical service representatives to assist the dealer network with ensuring maximum up time and value for Kubota users. Kubota has stringent dealer requirements to provide strong customer service support and obligations are high. Each dealership is required to have a factory trained service technician on staff at all times. This factory training is facilitated by the Kubota corporate technical service center in Grapevine, TX. A corporate service training staff ensures dealers have access to, and take advantage of, world-class service training. Every dealer is also required to participate annually in service training school which last multiple days. These requirements ensure Kubota dealers meet our stated service goals and expectations.	*
26	Describe in detail the process and procedure of your customer service program, if applicable. Include your response-time capabilities and commitments, as well as any incentives that help your providers meet your stated service goals or promises.	Kubota has created a one-step process for customer service for Sourcewell members. Sourcewell members with one call or email can easily access parts, service, warranty work, or training locally with their servicing dealer. Kubota dealers are ready to make the process simple and quick for Sourcewell members. Dealers are responsible to in turn work with Kubota directly to provide the best parts and service turnkey solution for Sourcewell members. Our customer service model places the responsibility on the dealer, not the Sourcewell member, to understand and deal with the processes behind the scenes. Kubota's high expectations of its dealer networks extend to customer service and helping Sourcewell members with this quick and easy customer service process.	*
27	Describe your ability and willingness to provide your products and services to Sourcewell participating entities in the United States.	Kubota will provide service and support to Sourcewell members in all 50 states in the United States.	*
28	Describe your ability and willingness to provide your products and services to Sourcewell participating entities in Canada.	Kubota Canada Ltd. is able to provide to Sourcewell members service and support in Canada.	*
29	Identify any geographic areas of the United States or Canada that you will NOT be fully serving through the proposed contract.	There are no geographic restrictions in the United States or Canada. There are no participating Sourcewell entities that Kubota will not be fully serving.	*
30	Identify any Sourcewell participating entity sectors (i.e., government, education, not-for-profit) that you will NOT be fully serving through the proposed contract. Explain in detail. For example, does your company have only a regional presence, or do other cooperative purchasing contracts limit your ability to promote another contract?	There are no participating Sourcewell entities that Kubota will not be fully serving. Kubota will support all Sourcewell members equally and fully.	*
31	Define any specific contract requirements or restrictions that would apply to our participating entities in Hawaii and Alaska and in US Territories.	There are no restrictions to supporting Sourcewell members in Alaska and Hawaii. Kubota has dealers located in both states to support Sourcewell members.	*

Table 7: Marketing Plan

Line Item	Question	Response *	
32	Describe your marketing strategy for promoting this contract opportunity. Upload representative samples of your marketing materials (if applicable) in the document upload section of your response.	Growth in government, non-profit, and education verticals has become a priority for Kubota corporately. Part of our strategy to grow these verticals is to track performance in these areas. Performance is now measured and is a key performance indicator for the Kubota corporate and region sales team and incorporated into their individual management plans. This demonstrates Kubota's commitment and desire for marketing our Sourcewell contracts locally, regionally, and nationally. We will leverage our extensive dealer network and corporate sales team to promote Sourcewell at all levels. For local marketing, Kubota will ensure our 1,100 plus dealers are made aware immediately of this contract if awarded. An electronic dealer sales bulletin will be issued that will update our entire dealer network as soon as possible. This puts several thousand Kubota dealer sales team members into motion marketing our contract locally if a contract is awarded. Further, Kubota will incorporate the new Sourcewell Supplier Portal into our dealer training and encourage dealers to utilize this tool. This portal will help our dealers sales teams as well as Kubota's corporate sales team get what they need, when they need it for information regarding our Sourcewell contracts. Engaging and supporting our dealers will drive marketing Sourcewell on a local level. Kubota's in-house, full-time marketing team will assist in creating engaging marketing materials as needed for dealers. Setting up dealers for success will ensure successful marketing at the local level. To this previous point, dealer training will be a priority in marketing this contract. We will incorporate this contract, if awarded, into our web-based dealer training. An important part of this training is leveraging our dedicated web-based dealer quote tool specifically designed for our Sourcewell contracts. This quote tool is prepopulated by Kubota with the agreed upon products and pricing to help eliminate errors in pricing to Sourcewell members. This helps dealers focus solely on marketing to Sourcewell members and building quick and accurate turn-key solutions. Part of contract engagement is also making our dealers aware of and encouraging dealers to participate in local Sourcewell events. Our corporate national accounts team attends local, regional, and national Kubota dealer meetings to market Sourcewell and make sure our dealers are fully equipped to support Sourcewell members. Kubota corporately will take ownership of marketing Sourcewell on a regional and national basis. Our dedicated National Account Manage for Municipal and New Business will drive our marketing, promoting, and supporting events in government entities; public and private, K-12 schools, colleges, universities, and non-profit organizations. Kubota is an eco-system of high expectations. We will carry these high expectation into marketing Sourcewell solutions.	*
33	Describe your use of technology and digital data (e.g., social media, metadata usage) to enhance marketing effectiveness.	Kubota has integrated digital resources into dealer training and education to support current Sourcewell contracts and this current proposed solution. Training videos are available online to help dealers understand and identify how to serve Sourcewell members and grow our business utilizing the Sourcewell contract. Dealers are instructed in how the process works and can be integrated into their individual dealer sales plans. Additionally, we have created dealer facing quotation tools dedicated to our Sourcewell contract to ensure ease of use and accuracy of information provided to Sourcewell members.	*
34	In your view, what is Sourcewell's role in promoting contracts arising out of this RFP? How will you integrate a Sourcewell-awarded contract into your sales process?	Kubota views Sourcewell as a partner in promoting a contract that would arise from this RFP. Kubota's experience is in the products, services and turnkey solutions we have created for the Grounds Maintenance contract. Sourcewell's experience is in facilitating competitive solicitations leading to solutions that empower community success. This partnership between Sourcewell and Kubota would deliver a world class, turnkey solution to Sourcewell members if a contract arises from this RFP. Sourcewell is our partner for contract adoption, promotion, and education. Kubota will partner with Sourcewell in seeking state adoption and acceptance of Sourcewell solutions. Sourcewell partnering with us in GTKU's has been and will continue to be effective in dealer sales education. We expect Sourcewell to continue creating content and marketing material we can use to promote Sourcewell in general and our solution specifically. We expect Sourcewell to continue engaging our dealers in person at our annual dealer meetings. Lastly, we will continue to expect to rely on our contract manager for input and guidance regarding our solutions. We expect a partnership in promoting, educating, and engagement so both organizations grow together.	*
35	Are your products or services available through an e-procurement ordering process? If so, describe your e-procurement system and how governmental and educational customers have used it.	An e-procurement system is not currently in place. However, Kubota does use an e-quoting tool to ensure speed and accuracy for Sourcewell members. The complexity and customization involved in building solutions for Sourcewell members requires a consultative approach to best design individualized solutions for Sourcewell members. Working with dealers to fully understand the local terrain and environment, as well as taking advantage of the expertise of our local dealer network best serves Sourcewell members. The ability to use local dealers to tailor local member requirements with the available products, options, and services for Sourcewell members provides a distinct advantage over e-procurement.	*

Table 8: Value-Added Attributes

Line Item	Question	Response *	
36	Describe any product, equipment, maintenance, or operator training programs that you offer to Sourcewell participating entities. Include details, such as whether training is standard or optional, who provides training, and any costs that apply.	Training is available for all products found in this contract through our dealer network. Training is tailored to the Sourcewell member's existing knowledge and requirements. Operator training is provided for every member upon delivery of each product. More advanced levels of training are available upon request. Other training such as additional on-site training may be requested by Sourcewell members. This training may be discussed with dealers and provided as an additional line-item in a Sourcewell member quote.	*
37	Describe any technological advances that your proposed products or services offer.	Innovation in technology is common and ongoing within our company. Kubota utilizes fuel efficient engine systems (water cooled diesel common rail systems and gasoline EFI). This is advanced electronic fuel injection systems which is an advancement from carburetors. EFI systems are more fuel efficient, constantly adjusting for air to fuel ratios. This burns less fuel and creates less pollutants and waste. Kubota also uses electronic fuel injection, otherwise known as common rail systems, in our diesel engines. Common rail systems and our Kubota Eco-Plus system prioritizes fuel economy, lowers noise and excess vibration providing for the health of the operator and our environment. Because of our technological advances, many of our competitors choose to use Kubota engines in their products. Concerning lawn, garden, and grounds maintenance care, Kubota's mulching systems on all products improve grass health, not requiring disposal. Kubota's technological advances are focused on fuel efficiency, reducing waste, pollution, and improving not just products performance, but improving our environment.	*
38	Describe any "green" initiatives that relate to your company or to your products or services, and include a list of the certifying agency for each.	Kubota's has a deep commitment to green initiatives. In 1995 Kubota began the internal Environmental Audit System for environmental protection in accordance with standards stricter than existing laws and regulations and towards continuous environmental improvement. All domestic establishments achieved ISO 14001 environmental certifications from the International Organization for Standardization. In 2010 Kubota was certified as an Eco-First Company by Japan's Ministry for the Environment. The Kubota Group has established a Kubota Group Environmental Charter as well as involvement with environmental conservation activities and setting medium and long-term environmental conservation targets. These targets have resulted in actions that have achieved results. 2019 in comparison to 2014 has achieved the following results. CO2 emission per unit produced has been reduced by -17.1%. Energy use per unit of production was reduced by -14.3%. Waste discharge has reduced by -10% per unit of production. Water consumption per unit of production was reduced by -19.5%. VOC's (volatile organic compounds) was reduced per unit of production by -38.1% Our long-range plans and immediate actions of the present demonstrate Kubota's commitment to reducing CO2 and VOC emissions, reducing waste, conserving water, and preserving our environment. "For Earth, For Life", it is more than our motto, it is what we do. https://www.kubota.com/sustainability/environment/active/index.html	*
39	Identify any third-party issued eco-labels, ratings or certifications that your company has received for the equipment or products included in your Proposal related to energy efficiency or conservation, life-cycle design (cradle-to-cradle), or other green/sustainability factors.	All products in the proposed solution meet or exceed the highest applicable Environmental Protections Agency requirements and certifications.	*
40	Describe any Women or Minority Business Entity (WMBE), Small Business Entity (SBE), or veteran owned business certifications that your company or hub partners have obtained. Upload documentation of certification (as applicable) in the document upload section of your response.	No proposal for this section.	*

41	What unique attributes does your company, your products, or your services offer to Sourcewell participating entities? What makes your proposed solutions unique in your industry as it applies to Sourcewell participating entities?	A unique attribute to Kubota is its blending of commitment to the environment with its commitment to improving our products. Progress and advancements in technology, design, and safety enhancement, go hand in hand in product improvements with environmental considerations in mind. Kubota designs safety into our products. 3M activity or method, man, machinery is employed in our design. Further, ISE or inherently safe equipment is a better choice compared to machinery lacking similar design considerations. This is, machinery designed with fewer ways of causing harm. Seeking continuous improvement is foundational to Kubota's philosophy and practice. Our company employs DRBFM, a cross functional disciplined process to evaluate proposed changes to designs. Kubota self-audits quality, quality compliance, cross audits, and audits at short notice. This focus on auditing and compliance is to achieve operational excellence and continuous improvement. 5-gen and PDCA (plan, do, check, act) continuous improvement is used in manufacturing and operations. Hydrostatic power steering, common rail systems, and reverse awareness systems and cameras, are just a few of the many, many features, all introduced and interwoven as a result of a focus on enhanced safety, performance, and concern for the environment. This is a unique attribute in our industry. Lastly, Kubota manufactures and/or markets products in more than 130 countries. This footprint that extends around the globes allows our company to pool “best practices” from across many languages, cultures, and geographic regions. We pool these ideas and innovations and share them across the entire business. This unique attribute of viewing people, products, and the environment as interrelated and global, is a unique attribute shared with Sourcewell members. Kubota is more than part of a supply chain; Kubota is part of a global value chain.	*

Table 9: Warranty

Describe in detail your manufacturer warranty program, including conditions and requirements to qualify, claims procedure, and overall structure. You may upload representative samples of your warranty materials (if applicable) in the document upload section of your response in addition to responding to the questions below.

Line Item	Question	Response *	
42	Do your warranties cover all products, parts, and labor?	Yes. Warranty documents providing detail are included in this proposal.	*
43	Do your warranties impose usage restrictions or other limitations that adversely affect coverage?	Warranty details are provided in the warranty guide. The warranty guide is fully instructive in warranty details. Abuse and neglect for example are not covered under warranty.	*
44	Do your warranties cover the expense of technicians’ travel time and mileage to perform warranty repairs?	Travel time and mileage are not under the coverage of warranty. However, if Kubota issues a recall there may be reimbursement for travel time and/or mileage paid to the dealer/technician.	*
45	Are there any geographic regions of the United States or Canada (as applicable) for which you cannot provide a certified technician to perform warranty repairs? How will Sourcewell participating entities in these regions be provided service for warranty repair?	Every authorized Kubota dealer is required to have one factory trained technician on staff. With 1,100 dealers in the United States with coverage in all 50 states as well as 154 dealers in Canada, Kubota dealers are well positioned to serve Sourcewell members with factory trained technicians. Kubota dealers are responsible to service and support all sales made by the dealer. Service for warranty repairs for Sourcewell members are made by the servicing dealer. Should, on a rare occasion, a dealer have difficulty due to remoteness or other circumstance, Kubota and the servicing dealer will work together to find resolution.	*
46	Will you cover warranty service for items made by other manufacturers that are part of your proposal, or are these warranties issues typically passed on to the original equipment manufacturer?	No items in our proposal are made by other manufacturers. Kubota is the sole manufacturer for all products in our proposal. All Kubota products are covered by a Kubota warranty.	*
47	What are your proposed exchange and return programs and policies?	All sales are final. However, at its discretion, Kubota may choose to work with a Sourcewell member if they purchase a product that is not matched to their needs. Kubota reserves the right to accept or deny any request for returns or exchanges. Please note, Kubota’s number one dealer rating six years in a row by The North American Dealers Association (NAEDA) Dealers-Manufacturers survey speaks to our ability and willingness to resolve most any issue that arises. Lastly, any items found to be warrantable will be provided for under the terms of the warranty statement.	*
48	Describe any service contract options for the items included in your proposal.	Service contract options will be quoted as Open-Market items by local Kubota dealers.	*

Table 10: Payment Terms and Financing Options

Line Item	Question	Response *	
49	What are your payment terms (e.g., net 10, net 30)?	Terms of sale are net thirty days.	*
50	Do you provide leasing or financing options, especially those options that schools and governmental entities may need to use in order to make certain acquisitions?	Kubota offers financing and leasing options to Sourcewell members through Kubota Credit Corporation.	*
51	Briefly describe your proposed order process. Include enough detail to support your ability to report quarterly sales to Sourcewell as described in the Contract template. For example, indicate whether your dealer network is included in your response and whether each dealer (or some other entity) will process the Sourcewell participating entities' purchase orders.	The proposed order process is established to best support Sourcewell members by letting members work closely with their local supporting Kubota dealers throughout the order process. Kubota dealers are included in our response. The process flow below describes both the Sourcewell member order process as well as the internal order process between Kubota and dealers. Sourcewell member process flow: • Sourcewell members contact their local Kubota dealer or Kubota Tractor Corporation directly for a quote. Additionally, Kubota dealers proactively marketing the Sourcewell contract may become aware of a need or quote request. If non-Sourcewell members request a quote, dealers have been instructed how to help prospective and qualifying non-members become a Sourcewell member. • The local Kubota dealer will provide the existing or new Sourcewell member with a Kubota authorized Sourcewell quote. This quote is created using the Kubota authorized dealer quote tool. • If Sourcewell members decide to move forward and acquire a Kubota product, Sourcewell members will issue a purchase order made to the Kubota dealer. • The servicing dealer will fulfill the order either from their dealer inventory, or the dealer will order the product from Kubota in the event the product is not located in the servicing dealer inventory. • The product is shipped to the Kubota dealer for the required inspections and any preparation needed for the Sourcewell member. • Delivery is coordinated with the Sourcewell member and upon delivery, operating instructions are reviewed and dealers assist with all needs and questions by the Sourcewell member. Sourcewell member satisfaction is ensured before the process moves on. The process continues and turns internally between Kubota and dealers. Kubota/Dealer process flow: • Dealers will settle the purchased unit indicating the sale is to a Sourcewell member in order to receive credit for the sale. • The supporting dealer will provide Kubota the quote as well as the Sourcewell member purchase order for reference. • Kubota will create quarterly reports for dealer sales to Sourcewell members. Kubota will submit this report to Sourcewell quarterly. • Kubota makes payment to Sourcewell based on the agreed upon administrative fee. For reference, this process is the currently established process for Sourcewell contract 040319.	*
52	Do you accept the P-card procurement and payment process? If so, is there any additional cost to Sourcewell participating entities for using this process?	Kubota dealers may, at their discretion, accept the P-card procurement and payment process. Kubota encourages dealers to accept the P-card and encourages Sourcewell members to consult with their local supporting dealer for participation.	*

Table 11: Pricing and Delivery

Provide detailed pricing information in the questions that follow below. Keep in mind that reasonable price and product adjustments can be made during the term of an awarded Contract as desribed in the RFP, the template Contract, and the Sourcewell Price and Product Change Request Form.

Line Item	Question	Response *	
53	Describe your pricing model (e.g., line-item discounts or product-category discounts). Provide detailed pricing data (including standard or list pricing and the Sourcewell discounted price) on all of the items that you want Sourcewell to consider as part of your RFP response. If applicable, provide a SKU for each item in your proposal. Upload your pricing materials (if applicable) in the document upload section of your response.	Kubota will offer a specific discount from published list price for each series and product family in our proposed solution. These discounts from MSRP can be found in the supporting pricing documentation submitted in the documents step.	*
54	Quantify the pricing discount represented by the pricing proposal in this response. For example, if the pricing in your response represents a percentage discount from MSRP or list, state the percentage or percentage range.	Kubota will offer a specific discount from published list price for each series and product family in our proposed solution. These discounts from MSRP can be found in the supporting pricing documentation submitted in the documents step. The discount from published list price is as follows: Tractors B series – 22% BX series – 22% L series – 22% M series – 22% Turf F series – 22% GR series – 22% T series – 22% Z series – 22% TLB series - B26, L47 & M62 – 22% Land Management Disc mowers – 22% Rotary tedders – 22% Rotary rakes – 22% Spreaders – 22%	*
55	Describe any quantity or volume discounts or rebate programs that you offer.	Kubota offers best and last pricing for individual units without requiring Sourcewell members to buy in volume or apply for rebates after the sale.	*
56	Propose a method of facilitating “sourced” products or related services, which may be referred to as “open market” items or “nonstandard options”. For example, you may supply such items “at cost” or “at cost plus a percentage,” or you may supply a quote for each such request.	Requests for open market “sourced” or non-standard items can be added to Sourcewell members quotes at their request. Acceptance of these quoted sourced/non-standard items will be at the discretion of Sourcewell members.	*
57	Identify any element of the total cost of acquisition that is NOT included in the pricing submitted with your response. This includes all additional charges associated with a purchase that are not directly identified as freight or shipping charges. For example, list costs for items like pre-delivery inspection, installation, set up, mandatory training, or initial inspection. Identify any parties that impose such costs and their relationship to the Proposer.	Pre-delivery inspections and freight will be shown on all Sourcewell member quotes to ensure complete costs transparency prior to acquisition. These items will be shown clearly as line items on the quote form. All common accessories and attachments have a standard labor time associated with the installation of accessories. Dealer labor rate will vary due to regional economic differences (e.g. Seattle, WA labor rates are typically higher than Greenville, SC). Kubota reviews all dealer labor rate differences and ensures that all dealer rates are justified and compliant with normal regional economic conditions. Kubota strives to maintain a labor rate relative to $100/hr. All charges will be turnkey solutions with no hidden costs and will be clearly identified on all Sourcewell members quotes prior to solution acquisition.	*
58	If freight, delivery, or shipping is an additional cost to the Sourcewell participating entity, describe in detail the complete freight, shipping, and delivery program.	Freight charges will be shown on every Sourcewell member quote prior to acquisition. Kubota’s proposed solution includes many various models with great weight and size disparities (e.g. a BX1880 tractor weighs 1,407lbs, an M6 tractors weighs 11,387lbs). These will be shipped from east coast, west coast, and central US warehouses to all 50 states, territories, Canada, and wherever Sourcewell members are located. A flat rate charge to ensure costs are covered would be prohibitively and artificially high. Our solution is a freight pricing model of showing freight charges tailored by size, model, weight, to a specific location. This solution best address the logistical variances in supporting all Sourcewell members equally.	*
59	Specifically describe freight, shipping, and delivery terms or programs available for Alaska, Hawaii, Canada, or any offshore delivery.	The freight pricing model for Alaska Hawaii, Canada, and all offshore deliveries will be to show all freight charges on Sourcewell member quotes prior to acquisition. Freight in Canada by Kubota Canada Ltd. will follow this process. Freight for Hawaii and Alaska will be provided by a freight forwarder and shown on all quotes prior to acquisition.	*

60	Describe any unique distribution and/or delivery methods or options offered in your proposal.	A unique aspect of Kubota's distribution method is having new forward inventory placed within our Kubota dealer network. Many products, attachments, accessories, and solutions are already in place and close to Sourcewell members within our 1,100+ location dealer network. This allows for Sourcewell members to visit local dealers and many times have a hands-on opportunity with a solution prior to acquisition. While Kubota does ship products from its three US warehouses (California, Georgia, and Kansas) and one in Canada (greater Toronto area), this access to solutions locally is an added benefit to Sourcewell members. Additionally, have a local, servicing dealer allows for specialization of products to meet local and unique Sourcewell member needs and requirements prior to delivery (e.g. dealers based in and familiar with local subzero winterization requirements).	*

Table 12: Pricing Offered

Line Item	The Pricing Offered in this Proposal is: *	Comments
61	b. the same as the Proposer typically offers to GPOs, cooperative procurement organizations, or state purchasing departments.	

Table 13: Audit and Administrative Fee

Line Item	Question	Response *	
62	Specifically describe any self-audit process or program that you plan to employ to verify compliance with your proposed Contract with Sourcewell. This process includes ensuring that Sourcewell participating entities obtain the proper pricing, that the Vendor reports all sales under the Contract each quarter, and that the Vendor remits the proper administrative fee to Sourcewell.	Kubota self-audits multiple product group's regularly reviewing and auditing pricing along with our digital marketing group that manages our electronic pricing database. In addition, the National Accounts group regularly reviews dealer quoting for pricing accuracy. These multiple layers of self-audit and review elevate accuracy and compliance. Kubota dealers are not paid for their sales using the Sourcewell program without submitting all of the required information to report accurately on the Sourcewell contract usage reports. This information is in turn downloaded to create our usage reports for the Sourcewell program. This series of overlapping auditing for pricing and reporting drives contract compliance.	*
63	Identify a proposed administrative fee that you will pay to Sourcewell for facilitating, managing, and promoting the Sourcewell Contract in the event that you are awarded a Contract. This fee is typically calculated as a percentage of Vendor's sales under the Contract or as a per-unit fee; it is not a line-item addition to the Member's cost of goods. (See the RFP and template Contract for additional details.)	Kubota proposes paying a 1.5% administrative fee of total sales less freight, assembly fees, and pre-delivery inspection fees for Kubota products only.	*

Table 14A: Depth and Breadth of Offered Equipment Products and Services

Line Item	Question	Response *	
64	Provide a detailed description of the equipment, products, and services that you are offering in your proposal.	The solutions being proposed by Kubota are broad and encompassing of professional grounds maintenance requirements. Kubota's turnkey solutions of whole goods, equipment, attachments, accessories, and related services as they relate to grounds maintenance is well established around the world for both professionals and consumers. Kubota offers in this proposal turf management with walk-behind mowers as small as 21 inches in cutting width up to over 13 feet in cutting width using disc mowers and many various sizes in between. This solves for mower cutting jobs as small as imaginable while providing extensive cutting widths across the range of 21 inches to 13 feet. Our solutions solve for the smallest and tightest areas (zero turn mowers) in grounds maintenance in and around walkways, landscaping, lawn and garden maintenance, up through large tracts of acreage needing to be maintained. This proposal includes small walk behind mowers, small riding mowers, mid-size lawn and garden tractors, commercial zero–turn mowers in both gas and diesel. All of these products are built by Kubota and Kubota engineered for professional performance. This proposal also includes a wide variety of tractors, attachments, and accessories. These tractors range in size from 1,407lbs to 11,387lbs. This range empowers Sourcewell members with a comprehensive selection of tractors and attachments suited to their specific needs. The tractors come with a sweeping assortment of accessories and attachments. These include but is not limited to, loaders, backhoes, buckets, grapple buckets, snow blowers, sweepers, a wide range of mower decks and grass mulching and catchers, forklift attachments, straight blades, angled blades. The loaders and backhoe options in this proposal offer ground engaging ability to dig, push and move material in professional grounds maintenance. Fork lift attachments for tractors provide forklift capability for moving product as needed. Lastly, while our mowing solutions maintain small to medium land size, our land management solutions solve for maintenance of large swaths of acreage. This is done with next generation disc mowing that moves on from sickle bar mowing. Disc mowing is better suited to fine-stemmed grasses leaving a clean evenly maintained area. With our many models, sizes, and series, of disc mowers, tedders, rakes, etc., along with options, accessories, attachments, and services, this proposal is broad in scope and robust enough to support any professional grounds maintenance requirements.	*
65	Within this RFP category there may be subcategories of solutions. List subcategory titles that best describe your products and services.	Along with the many various whole goods in this proposal is a long list of attachments, accessories, options, and services. These may be referred to as subcategories. The literature provided in additional documents shows these subcategories in better detail.	*

Table 14B: Depth and Breadth of Offered Equipment Products and Services

Indicate below if the listed types or classes of equipment, products, and services are offered within your proposal. Provide additional comments in the text box provided, as necessary.

Line Item	Category or Type	Offered *	Comments	
66	Lawn and garden equipment, tools, attachments, and accessories	(•) Yes ( ) No	Full spectrum of lawn, sod, grounds, and garden equipment and tools.	*
67	Irrigation systems, equipment, parts, and related installation and maintenance services	(•) Yes ( ) No	Our solutions (ground engaging) can be used to install irrigation systems	*
68	Beach and waterfront maintenance equipment and accessories	(•) Yes ( ) No	The products we offer in our proposed solution can be used for grounds maintenance along waterfront areas.	*
69	Accessories, parts, and services related to the solutions described above, including maintenance or repair, and warranty programs	(•) Yes ( ) No	Full assortment and wide variety of attachments and accessories for grounds maintenance as well as service and training.	*

Table 15: Industry Specific Questions

Line Item	Question	Response *	
70	If you are awarded a contract, provide a few examples of internal metrics that will be tracked to measure whether you are having success with the contract.	Kubota produces multiple sales reports on a monthly basis including our sales volume numbers for the Sourcewell contract. Our main report is the National Accounts Month End report. This report lists all of our sales through the national accounts programs in terms of dollar volume and model mix. Kubota Executives, Middle Management and Field Sales reps review the report(s) and monitor their dealer and dealer group performance with the Sourcewell contract. We also produce a contract usage report that is sorted by Region Sales manager so that each RSM has visibility to the dealers under his responsibility that are and are not using the contract to its fullest potential. Corrective action in the form of sales training is created for underperforming dealers. Sourcewell is a specific call out line item on all National Account sales reports and is thoroughly reviewed by all levels of management for increased monthly/yearly performance.	*
71	Describe the serviceability of the products included in your proposal (parts availability, warranty and technical support, etc.).	Serviceability in the way of after sale support for Sourcewell members is easy and robust. With an extensive dealer network across the United States and Canada waiting to support Sourcewell members, the serviceability of the solutions proposed by Kubota is comprehensive. Local dealers will provide local expertise for parts, warranty work as well as regular service internals as needed. Our dealers are experts in our products. Sourcewell members will be able to sit down with these localized experts and map out any turnkey solution needed. Every Kubota dealer is required to have a factory trained technician on staff. To support this, Kubota dealers are required to participate annually in service school training. To also help ensure a high level of serviceability for parts, Kubota has added a parts component to measuring our dealers performance. The goal is to incentivize Kubota dealers to have parts on the shelf when needed. Parts on the shelf, factory trained technicians, and local experts in the solutions in this proposal ensure a high level of serviceability and dependability waiting for Sourcewell members.	
72	Describe advancements reflected in the equipment or products offered in your proposal, such as safety, longevity or life cycle cost measures.	Advancements are ongoing and constant as is total operational improvement. Some examples of our advancements follow here. Kubota has developed Reverse Awareness Systems for our GR series of mowers. These advancements enhance safety when mowing in reverse. Regarding life-cycle and longevity, Kubota offers multiple year warranties as standard for many products. For products with standard one year warranty's, most all products have extended warranty's available to Sourcewell members. Another advancement is Kubota's exclusive "Swift-Tach" loaders which allow for safe and easy removal and installation. "Swift-Connect" backhoes are likewise designed and performance matched for ease and safety. Another example of an advancement is the industry-exclusive optional one-lever quick couplers found on the LX series of tractors in this proposal. Likewise is the industry-exclusive mechanical self-leveling kit for easier material handling capabilities. Kubota engines with their next generation common rail systems and electronic fuel injections are examples of advancements that improve fuel cost savings and environmental enhancement. Throughout Kubota's product offering, our products are engineered to provide durable long life that reduce down time as well as minimize lifetime costs. The previous are but a few of the product advancements that will serve Sourcewell members.	

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Exceptions to Terms, Conditions, or Specifications Form

Only those Proposer Exceptions to Terms, Conditions, or Specifications that have been accepted by Sourcewell have been incorporated into the contract text.

Proposer's Affidavit

PROPOSER AFFIDAVIT AND ASSURANCE OF COMPLIANCE

I certify that I am the authorized representative of the Proposer submitting the foregoing Proposal with the legal authority to bind the Proposer to this Affidavit and Assurance of Compliance:

1. The Proposer is submitting this Proposal under its full and complete legal name, and the Proposer legally exists in good standing in the jurisdiction of its residence.

2. The Proposer warrants that the information provided in this Proposal is true, correct, and reliable for purposes of evaluation for contract award.

3. The Proposer, including any person assisting with the creation of this Proposal, has arrived at this Proposal independently and the Proposal has been created without colluding with any other person, company, or parties that have or will submit a proposal under this solicitation; and the Proposal has in all respects been created fairly without any fraud or dishonesty. The Proposer has not directly or indirectly entered into any agreement or arrangement with any person or business in an effort to influence any part of this solicitation or operations of a resulting contract; and the Proposer has not taken any action in restraint of free trade or competitiveness in connection with this solicitation. Additionally, if Proposer has worked with a consultant on the Proposal, the consultant (an individual or a company) has not assisted any other entity that has submitted or will submit a proposal for this solicitation.

4. To the best of its knowledge and belief, and except as otherwise disclosed in the Proposal, there are no relevant facts or circumstances which could give rise to an organizational conflict of interest. An organizational conflict of interest exists when a vendor has an unfair competitive advantage or the vendor’s objectivity in performing the contract is, or might be, impaired.

5. The contents of the Proposal have not been communicated by the Proposer or its employees or agents to any person not an employee or legally authorized agent of the Proposer and will not be communicated to any such persons prior to Due Date of this solicitation.

6. If awarded a contract, the Proposer will provide to Sourcewell Participating Entities the equipment, products, and services in accordance with the terms, conditions, and scope of a resulting contract.

7. The Proposer possesses, or will possess before delivering any equipment, products, or services, all applicable licenses or certifications necessary to deliver such equipment, products, or services under any resulting contract.

8. The Proposer agrees to deliver equipment, products, and services through valid contracts, purchase orders, or means that are acceptable to Sourcewell Members. Unless otherwise agreed to, the Proposer must provide only new and first-quality products and related services to Sourcewell Members under an awarded Contract.

9. The Proposer will comply with all applicable provisions of federal, state, and local laws, regulations, rules, and orders.

10. The Proposer understands that Sourcewell will reject RFP proposals that are marked "confidential" (or "nonpublic," etc.), either substantially or in their entirety. Under Minnesota Statutes Section 13.591, subdivision 4, all proposals are considered nonpublic data until the evaluation is complete and a Contract is awarded. At that point, proposals become public data. Minnesota Statutes Section 13.37 permits only certain narrowly defined data to be considered a "trade secret," and thus nonpublic data under Minnesota's Data Practices Act.

11. Proposer its employees, agents, and subcontractors are not:

    a. Included on the “Specially Designated Nationals and Blocked Persons” list maintained by the Office of Foreign Assets Control of the United States Department of the Treasury found at: https://www.treasury.gov/ofac/downloads/sdnlist.pdf;

    b. Included on the government-wide exclusions lists in the United States System for Award Management found at: https://sam.gov/SAM/; or

c. Presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from programs operated by the State of Minnesota; the United States federal government or the Canadian government, as applicable; or any Participating Entity. Vendor certifies and warrants that neither it nor its principals have been convicted of a criminal offense related to the subject matter of this solicitation.

☑ By checking this box I acknowledge that I am bound by the terms of the Proposer's Affidavit, have the legal authority to submit this Proposal on behalf of the Proposer, and that this electronic acknowledgment has the same legal effect, validity, and enforceability as if I had hand signed the Proposal. This signature will not be denied such legal effect, validity, or enforceability solely because an electronic signature or electronic record was used in its formation. - Rusty Pugh, National Account Manager Municipal and New Business, Kubota Tractor Corporation

The Proposer declares that there is an actual or potential Conflict of Interest relating to the preparation of its submission, and/or the Proposer foresees an actual or potential Conflict of Interest in performing the contractual obligations contemplated in the bid.

○ **Yes** ◉ **No**

The Bidder acknowledges and agrees that the addendum/addenda below form part of the Bid Document.

Check the box in the column "**I have reviewed this addendum"** below to acknowledge each of the addenda.

File Name	I have reviewed the below addendum and attachments (if applicable)	Pages
Addendum_11_ Grounds_Maintenance_Equipment_RFP_031121 Thu March 4 2021 06:08 PM	☑	2
Addendum_10_ Grounds_Maintenance_Equipment_RFP_031121 Thu February 25 2021 01:00 PM	☑	1
Addendum_9_ Grounds_Maintenance_Equipment_RFP_031121 Tue February 23 2021 10:33 AM	☑	1
Addendum_8_ Grounds_Maintenance_Equipment_RFP_031121 Mon February 22 2021 10:21 AM	☑	2
Addendum_7_ Grounds_Maintenance_Equipment_RFP_031121_CDR_Suggests Wed February 17 2021 09:01 AM	☑	1
Addendum_6_ Grounds_Maintenance_Equipment_RFP_031121 Tue February 16 2021 11:03 AM	☑	1
Addendum_5_ Grounds_Maintenance_Equipment_RFP_031121 Fri February 12 2021 03:14 PM	☑	1
Addendum_4_ Grounds_Maintenance_Equipment_RFP_031121 Tue February 2 2021 02:12 PM	☑	1
Addendum_3_ Grounds_Maintenance_Equipment_RFP_031121 Thu January 21 2021 03:47 PM	☑	2
Addendum_2_ Grounds_Maintenance_Equipment_RFP_031121 Wed January 20 2021 02:02 PM	☑	1
Addendum_1_ Grounds_Maintenance_Equipment_RFP_031121 Tue January 19 2021 03:36 PM	☑	1

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AMENDMENT #1
TO
CONTRACT #031121-KBA

THIS AMENDMENT is effective upon the date of the last signature below by and between **Sourcewell** and **Kubota Tractor Corporation** (Supplier).

Sourcewell awarded a contract to Supplier to provide Grounds Maintenance Equipment, Attachments, and Accessories with Related Services, to Sourcewell and its Participating Entities, effective April 28, 2021, through April 30, 2025 (Contract).

The parties wish to amend the following terms within the Contract.

1. Section 6. Participating Entity Use and Purchasing–Subsection B. Additional Terms and Conditions/Participating Addendum, of the Contract, is deleted in its entirety and replaced with the following:

   B. ADDITIONAL TERMS AND CONDITIONS/PARTICIPATING ADDENDUM. Additional terms and conditions to a purchase order, or other required transaction documentation, may be negotiated between a Participating Entity and Vendor, such as job or industry-specific requirements, legal requirements (e.g., affirmative action or immigration status requirements), or specific local policy requirements. Some Participating Entitles may require the use of a Participating Addendum; the terms of which will be worked out directly between Participating Entity and the Vendor, or its authorized dealers, distributors, or resellers, as applicable. Any negotiated additional terms and conditions must never be less favorable to the Participating Entity than what is contained in this Contract.

Except as amended by this Amendment, the Contract remains in full force and effect.

Sourcewell

DocuSigned by:
By: Jeremy Schwartz
C0FD2A139D06489...
Jeremy Schwartz, Director of Operations/CPO

Date: 4/22/2022 | 11:25 AM CDT

Kubota Tractor Corporation

DocuSigned by:
By: Rusty Pugh
89D8A8D8BEC744A...
Rusty Pugh, National Accounts Manager

Date: 4/22/2022 | 8:27 AM PDT

Approved:

DocuSigned by:
By: Chad Coauette
7E42B8F817A64CC...
Chad Coauette, Executive Director/CEO

Date: 4/22/2022 | 11:37 AM CDT

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Sourcewell

Solicitation Number: RFP #031121

CONTRACT

This Contract is between Sourcewell, 202 12th Street Northeast, P.O. Box 219, Staples, MN 56479 (Sourcewell) and Deere & Company, 2000 John Deere Run, Cary, NC 27513 (Vendor).

Sourcewell is a State of Minnesota local government agency and service cooperative created under the laws of the State of Minnesota (Minnesota Statutes Section 123A.21) that offers cooperative procurement solutions to government entities. Participation is open to federal, state/province, and municipal governmental entities, higher education, K-12 education, nonprofit, tribal government, and other public entities located in the United States and Canada. Sourcewell issued a public solicitation for Grounds Maintenance Equipment, Attachments, and Accessories with Related Services from which Vendor was awarded a contract.

Vendor desires to contract with Sourcewell to provide equipment, products, or services to Sourcewell and the entities that access Sourcewell's cooperative purchasing contracts (Participating Entities).

1. TERM OF CONTRACT

A. EFFECTIVE DATE. This Contract is effective upon the date of the final signature below.

B. EXPIRATION DATE AND EXTENSION. This Contract expires April 30, 2025, unless it is cancelled sooner pursuant to Article 22. This Contract may be extended up to one additional one-year period upon request of Sourcewell and with written agreement by Vendor.

C. SURVIVAL OF TERMS. Articles 11 through 14 survive the expiration or cancellation of this Contract.

2. EQUIPMENT, PRODUCTS, OR SERVICES

A. EQUIPMENT, PRODUCTS, OR SERVICES. Vendor will provide the Equipment, Products, or Services as stated in its Proposal submitted under the Solicitation Number listed above. Vendor's Equipment, Products, or Services Proposal (Proposal) is attached and incorporated into this Contract.

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All Equipment and Products provided under this Contract must be new/current model. Vendor may offer close-out or refurbished Equipment or Products if they are clearly indicated in Vendor's product and pricing list. Unless agreed to by the Participating Entities in advance, Equipment or Products must be delivered as operational to the Participating Entity's site.

This Contract offers an indefinite quantity of sales, and while substantial volume is anticipated, sales and sales volume are not guaranteed.

B. WARRANTY. Vendor warrants that all Equipment, Products, and Services furnished are free from liens and encumbrances, and are free from defects in design, materials, and workmanship. In addition, Vendor warrants the Equipment, Products, and Services are suitable for and will perform in accordance with the ordinary use for which they are intended. Vendor's dealers and distributors must agree to assist the Participating Entity in reaching a resolution in any dispute over warranty terms with the manufacturer. Any manufacturer's warranty that is effective past the expiration of the Vendor's warranty will be passed on to the Participating Entity.

C. DEALERS, DISTRIBUTORS, AND/OR RESELLERS. Upon Contract execution, Vendor will make available to Sourcewell a means to validate or authenticate Vendor's authorized dealers, distributors, and/or resellers relative to the Equipment, Products, and Services related to this Contract. This list may be updated from time-to-time and is incorporated into this Contract by reference. It is the Vendor's responsibility to ensure Sourcewell receives the most current version of this list.

3. PRICING

All Equipment, Products, or Services under this Contract will be priced as stated in Vendor's Proposal.

When providing pricing quotes to Participating Entities, all pricing quoted must reflect a Participating Entity's total cost of acquisition. This means that the quoted cost is for delivered Equipment, Products, and Services that are operational for their intended purpose, and includes all costs to the Participating Entity's requested delivery location.

Regardless of the payment method chosen by the Participating Entity, the total cost associated with any purchase option of the Equipment, Products, or Services must always be disclosed in the pricing quote to the applicable Participating Entity at the time of purchase.

A. SHIPPING AND SHIPPING COSTS. All delivered Equipment and Products must be properly packaged. Damaged Equipment and Products may be rejected. If the damage is not readily apparent at the time of delivery, Vendor must permit the Equipment and Products to be returned within a reasonable time at no cost to Sourcewell or its Participating Entities. Participating Entities reserve the right to inspect the Equipment and Products at a reasonable

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time after delivery where circumstances or conditions prevent effective inspection of the Equipment and Products at the time of delivery.

Vendor must arrange for and pay for the return shipment on Equipment and Products that arrive in a defective or inoperable condition.

Sourcewell may declare the Vendor in breach of this Contract if the Vendor intentionally delivers substandard or inferior Equipment or Products. In the event of the delivery of nonconforming Equipment and Products, the Participating Entity will notify the Vendor as soon as possible and the Vendor will replace nonconforming Equipment and Products with conforming Equipment and Products that are acceptable to the Participating Entity.

B. SALES TAX. Each Participating Entity is responsible for supplying the Vendor with valid tax-exemption certification(s). When ordering, a Participating Entity must indicate if it is a tax-exempt entity.

C. HOT LIST PRICING. At any time during this Contract, Vendor may offer a specific selection of Equipment, Products, or Services at discounts greater than those listed in the Contract. When Vendor determines it will offer Hot List Pricing, it must be submitted electronically to Sourcewell in a line-item format. Equipment, Products, or Services may be added or removed from the Hot List at any time through a Sourcewell Price and Product Change Form as defined in Article 4 below.

Hot List program and pricing may also be used to discount and liquidate close-out and discontinued Equipment and Products as long as those close-out and discontinued items are clearly identified as such. Current ordering process and administrative fees apply. Hot List Pricing must be published and made available to all Participating Entities.

4. PRODUCT AND PRICING CHANGE REQUESTS

Vendor may request Equipment, Product, or Service changes, additions, or deletions at any time. All requests must be made in writing by submitting a signed Sourcewell Price and Product Change Request Form to the assigned Sourcewell Contract Administrator. This form is available from the assigned Sourcewell Contract Administrator. At a minimum, the request must:

- Identify the applicable Sourcewell contract number;
- Clearly specify the requested change;
- Provide sufficient detail to justify the requested change;
- Individually list all Equipment, Products, or Services affected by the requested change, along with the requested change (e.g., addition, deletion, price change); and
- Include a complete restatement of pricing documentation in Microsoft Excel with the effective date of the modified pricing, or product addition or deletion. The new pricing

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restatement must include all Equipment, Products, and Services offered, even for those items where pricing remains unchanged.

A fully executed Sourcewell Price and Product Request Form will become an amendment to this Contract and be incorporated by reference.

5. PARTICIPATION, CONTRACT ACCESS, AND PARTICIPATING ENTITY REQUIREMENTS

A. PARTICIPATION. Sourcewell's cooperative contracts are available and open to public and nonprofit entities across the United States and Canada; such as federal, state/province, municipal, K-12 and higher education, tribal government, and other public entities.

The benefits of this Contract should be available to all Participating Entities that can legally access the Equipment, Products, or Services under this Contract. A Participating Entity's authority to access this Contract is determined through its cooperative purchasing, interlocal, or joint powers laws. Any entity accessing benefits of this Contract will be considered a Service Member of Sourcewell during such time of access. Vendor understands that a Participating Entity's use of this Contract is at the Participating Entity's sole convenience and Participating Entities reserve the right to obtain like Equipment, Products, or Services from any other source.

Vendor is responsible for familiarizing its sales and service forces with Sourcewell contract use eligibility requirements and documentation and will encourage potential participating entities to join Sourcewell. Sourcewell reserves the right to add and remove Participating Entities to its roster during the term of this Contract.

B. PUBLIC FACILITIES. Vendor's employees may be required to perform work at government-owned facilities, including schools. Vendor's employees and agents must conduct themselves in a professional manner while on the premises, and in accordance with Participating Entity policies and procedures, and all applicable laws.

6. PARTICIPATING ENTITY USE AND PURCHASING

A. ORDERS AND PAYMENT. To access the contracted Equipment, Products, or Services under this Contract, a Participating Entity must clearly indicate to Vendor that it intends to access this Contract; however, order flow and procedure will be developed jointly between Sourcewell and Vendor. Typically, a Participating Entity will issue an order directly to Vendor. If a Participating Entity issues a purchase order, it may use its own forms, but the purchase order should clearly note the applicable Sourcewell contract number. All Participating Entity orders under this Contract must be issued prior to expiration of this Contract; however, Vendor performance, Participating Entity payment, and any applicable warranty periods or other Vendor or Participating Entity obligations may extend beyond the term of this Contract.

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Vendor's acceptable forms of payment are included in Attachment A. Participating Entities will be solely responsible for payment and Sourcewell will have no liability for any unpaid invoice of any Participating Entity.

B. ADDITIONAL TERMS AND CONDITIONS/PARTICIPATING ADDENDUM. Additional terms and conditions to a purchase order, or other required transaction documentation, may be negotiated between a Participating Entity and Vendor, such as job or industry-specific requirements, legal requirements (e.g., affirmative action or immigration status requirements), or specific local policy requirements. Some Participating Entitles may require the use of a Participating Addendum; the terms of which will be worked out directly between the Participating Entity and the Vendor. Any negotiated additional terms and conditions must never be less favorable to the Participating Entity than what is contained in this Contract.

C. SPECIALIZED SERVICE REQUIREMENTS. In the event that the Participating Entity requires service or specialized performance requirements (such as e-commerce specifications, specialized delivery requirements, or other specifications and requirements) not addressed in this Contract, the Participating Entity and the Vendor may enter into a separate, standalone agreement, apart from this Contract. Sourcewell, including its agents and employees, will not be made a party to a claim for breach of such agreement.

D. TERMINATION OF ORDERS. Participating Entities may terminate an order, in whole or in part, immediately upon notice to Vendor in the event of any of the following events:

1. The Participating Entity fails to receive funding or appropriation from its governing body at levels sufficient to pay for the goods to be purchased;
2. Federal, state, or provincial laws or regulations prohibit the purchase or change the Participating Entity's requirements; or
3. Vendor commits any material breach of this Contract or the additional terms agreed to between the Vendor and a Participating Entity.

E. GOVERNING LAW AND VENUE. The governing law and venue for any action related to a Participating Entity's order will be determined by the Participating Entity making the purchase.

7. CUSTOMER SERVICE

A. PRIMARY ACCOUNT REPRESENTATIVE. Vendor will assign an Account Representative to Sourcewell for this Contract and must provide prompt notice to Sourcewell if that person is changed. The Account Representative will be responsible for:

- Maintenance and management of this Contract;
- Timely response to all Sourcewell and Participating Entity inquiries; and
- Business reviews to Sourcewell and Participating Entities, if applicable.

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B. BUSINESS REVIEWS. Vendor must perform a minimum of one business review with Sourcewell per contract year. The business review will cover sales to Participating Entities, pricing and contract terms, administrative fees, supply issues, customer issues, and any other necessary information.

8. REPORT ON CONTRACT SALES ACTIVITY AND ADMINISTRATIVE FEE PAYMENT

A. CONTRACT SALES ACTIVITY REPORT. Each calendar quarter, Vendor must provide a contract sales activity report (Report) to the Sourcewell Contract Administrator assigned to this Contract. A Report must be provided regardless of the number or amount of sales during that quarter (i.e., if there are no sales, Vendor must submit a report indicating no sales were made).

The Report must contain the following fields:

- Customer Name (e.g., City of Staples Highway Department);
- Customer Physical Street Address;
- Customer City;
- Customer State/Province;
- Customer Zip Code;
- Sourcewell Assigned Entity/Participating Entity Number;
- Item Purchased Description;
- Item Purchased Price;
- Sourcewell Administrative Fee Applied; and
- Date Purchase was invoiced/sale was recognized as revenue by Vendor.

B. ADMINISTRATIVE FEE. In consideration for the support and services provided by Sourcewell, the Vendor will pay an administrative fee to Sourcewell on all Equipment, Products, and Services provided to Participating Entities. The Administrative Fee must be included in, and not added to, the pricing. Vendor may not charge Participating Entities more than the contracted price to offset the Administrative Fee.

The Vendor will submit payment to Sourcewell for the percentage of administrative fee stated in the Proposal multiplied by the total sales of all Equipment, Products, and Services purchased by Participating Entities under this Contract during each calendar quarter. Payments should note the Vendor's name and Sourcewell-assigned contract number in the memo; and must be mailed to the address above "Attn: Accounts Receivable" or remitted electronically to Sourcewell's banking institution per Sourcewell's Finance department instructions. Payments must be received no later than 45 calendar days after the end of each calendar quarter.

Vendor agrees to cooperate with Sourcewell in auditing transactions under this Contract to ensure that the administrative fee is paid on all items purchased under this Contract.

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In the event the Vendor is delinquent in any undisputed administrative fees, Sourcewell reserves the right to cancel this Contract and reject any proposal submitted by the Vendor in any subsequent solicitation. In the event this Contract is cancelled by either party prior to the Contract's expiration date, the administrative fee payment will be due no more than 30 days from the cancellation date.

9. AUTHORIZED REPRESENTATIVE

Sourcewell's Authorized Representative is its Chief Procurement Officer.

Vendor's Authorized Representative is the person named in the Vendor's Proposal. If Vendor's Authorized Representative changes at any time during this Contract, Vendor must promptly notify Sourcewell in writing.

10. AUDIT, ASSIGNMENT, AMENDMENTS, WAIVER, AND CONTRACT COMPLETE

A. AUDIT. Pursuant to Minnesota Statutes Section 16C.05, subdivision 5, the books, records, documents, and accounting procedures and practices relevant to this Agreement are subject to examination by Sourcewell or the Minnesota State Auditor for a minimum of six years from the end of this Contract. This clause extends to Participating Entities as it relates to business conducted by that Participating Entity under this Contract.

B. ASSIGNMENT. Neither the Vendor nor Sourcewell may assign or transfer any rights or obligations under this Contract without the prior consent of the parties and a fully executed assignment agreement. Such consent will not be unreasonably withheld.

C. AMENDMENTS. Any amendment to this Contract must be in writing and will not be effective until it has been fully executed by the parties.

D. WAIVER. If either party fails to enforce any provision of this Contract, that failure does not waive the provision or the right to enforce it.

E. CONTRACT COMPLETE. This Contract contains all negotiations and agreements between Sourcewell and Vendor. No other understanding regarding this Contract, whether written or oral, may be used to bind either party. For any conflict between the attached Proposal and the terms set out in Articles 1-22, the terms of Articles 1-22 will govern.

F. RELATIONSHIP OF THE PARTIES. The relationship of the parties is one of independent contractors, each free to exercise judgment and discretion with regard to the conduct of their respective businesses. This Contract does not create a partnership, joint venture, or any other relationship such as master-servant, or principal-agent.

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11. LIABILITY

Vendor must indemnify, save, and hold Sourcewell and its Participating Entities, including their agents and employees, harmless from any claims or causes of action, including attorneys' fees, arising out of the performance of this Contract by the Vendor or its agents or employees; this indemnification includes injury or death to person(s) or property alleged to have been caused by some defect in the Equipment, Products, or Services under this Contract to the extent the Equipment, Product, or Service has been used according to its specifications.

12. GOVERNMENT DATA PRACTICES

Vendor and Sourcewell must comply with the Minnesota Government Data Practices Act, Minnesota Statutes Chapter 13, as it applies to all data provided by or provided to Sourcewell under this Contract and as it applies to all data created, collected, received, stored, used, maintained, or disseminated by the Vendor under this Contract.

If the Vendor receives a request to release the data referred to in this article, the Vendor must immediately notify Sourcewell and Sourcewell will assist with how the Vendor should respond to the request.

13. INTELLECTUAL PROPERTY, PUBLICITY, MARKETING, AND ENDORSEMENT

A. INTELLECTUAL PROPERTY

1. *Grant of License.* During the term of this Contract:

   a. Sourcewell grants to Vendor a royalty-free, worldwide, non-exclusive right and license to use theTrademark(s) provided to Vendor by Sourcewell in advertising and promotional materials for the purpose of marketing Sourcewell's relationship with Vendor.

   b. Vendor grants to Sourcewell a royalty-free, worldwide, non-exclusive right and license to use Vendor's Trademarks in advertising and promotional materials for the purpose of marketing Vendor's relationship with Sourcewell.

2. *Limited Right of Sublicense*. The right and license granted herein includes a limited right of each party to grant sublicenses to its and their respective distributors, marketing representatives, and agents (collectively "Permitted Sublicensees") in advertising and promotional materials for the purpose of marketing the Parties' relationship to Participating Entities. Any sublicense granted will be subject to the terms and conditions of this Article. Each party will be responsible for any breach of this Article by any of their respective sublicensees.

3. *Use; Quality Control.*

   a. Sourcewell must not alter Vendor's Trademarks from the form provided by Vendor and must comply with Vendor's removal requests as to specific uses of its trademarks or logos.

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b. Vendor must not alter Sourcewell's Trademarks from the form provided by Sourcewell and must comply with Sourcewell's removal requests as to specific uses of its trademarks or logos.

c. Each party agrees to use, and to cause its Permitted Sublicensees to use, the other party's Trademarks only in good faith and in a dignified manner consistent with such party's use of the Trademarks. Upon written notice to the breaching party, the breaching party has 30 days of the date of the written notice to cure the breach or the license will be terminated.

4. As applicable, Vendor agrees to indemnify and hold harmless Sourcewell and its Participating Entities against any and all suits, claims, judgments, and costs instituted or recovered against Sourcewell or Participating Entities by any person on account of the use of any Equipment or Products by Sourcewell or its Participating Entities supplied by Vendor in violation of applicable patent or copyright laws.

5. Termination. Upon the termination of this Contract for any reason, each party, including Permitted Sublicensees, will have 30 days to remove all Trademarks from signage, websites, and the like bearing the other party's name or logo (excepting Sourcewell's pre-printed catalog of vendors which may be used until the next printing). Vendor must return all marketing and promotional materials, including signage, provided by Sourcewell, or dispose of it according to Sourcewell's written directions.

B. PUBLICITY. Any publicity regarding the subject matter of this Contract must not be released without prior written approval from the Authorized Representatives. Publicity includes notices, informational pamphlets, press releases, research, reports, signs, and similar public notices prepared by or for the Vendor individually or jointly with others, or any subcontractors, with respect to the program, publications, or services provided resulting from this Contract.

C. MARKETING. Any direct advertising, marketing, or offers with Participating Entities must be approved by Sourcewell. Materials should be sent to the Sourcewell Contract Administrator assigned to this Contract.

D. ENDORSEMENT. The Vendor must not claim that Sourcewell endorses its Equipment, Products, or Services.

14. GOVERNING LAW, JURISDICTION, AND VENUE

Minnesota law governs this Contract. Venue for all legal proceedings out of this Contract, or its breach, must be in the appropriate state court in Todd County or federal court in Fergus Falls, Minnesota.

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15. FORCE MAJEURE

Neither party to this Contract will be held responsible for delay or default caused by acts of God or other conditions that are beyond that party's reasonable control. A party defaulting under this provision must provide the other party prompt written notice of the default.

16. SEVERABILITY

If any provision of this Contract is found to be illegal, unenforceable, or void then both Sourcewell and Vendor will be relieved of all obligations arising under such provisions. If the remainder of this Contract is capable of performance, it will not be affected by such declaration or finding and must be fully performed.

17. PERFORMANCE, DEFAULT, AND REMEDIES

A. PERFORMANCE. During the term of this Contract, the parties will monitor performance and address unresolved contract issues as follows:

1. *Notification.* The parties must promptly notify each other of any known dispute and work in good faith to resolve such dispute within a reasonable period of time. If necessary, Sourcewell and the Vendor will jointly develop a short briefing document that describes the issue(s), relevant impact, and positions of both parties.
2. *Escalation.* If parties are unable to resolve the issue in a timely manner, as specified above, either Sourcewell or Vendor may escalate the resolution of the issue to a higher level of management. The Vendor will have 30 calendar days to cure an outstanding issue.
3. *Performance while Dispute is Pending*. Notwithstanding the existence of a dispute, the Vendor must continue without delay to carry out all of its responsibilities under the Contract that are not affected by the dispute. If the Vendor fails to continue without delay to perform its responsibilities under the Contract, in the accomplishment of all undisputed work, any additional costs incurred by Sourcewell and/or its Participating Entities as a result of such failure to proceed will be borne by the Vendor.

B. DEFAULT AND REMEDIES. Either of the following constitutes cause to declare this Contract, or any Participating Entity order under this Contract, in default:

1. Nonperformance of contractual requirements, or
2. A material breach of any term or condition of this Contract.

Written notice of default and a reasonable opportunity to cure must be issued by the party claiming default. Time allowed for cure will not diminish or eliminate any liability for liquidated or other damages. If the default remains after the opportunity for cure, the non-defaulting party may:

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- Exercise any remedy provided by law or equity, or
- Terminate the Contract or any portion thereof, including any orders issued against the Contract.

18. INSURANCE

A. REQUIREMENTS. At its own expense, Vendor must maintain insurance policy(ies) in effect at all times during the performance of this Contract with insurance company(ies) licensed or authorized to do business in the State of Minnesota having an "AM BEST" rating of A- or better, with coverage and limits of insurance not less than the following:

1. *Workers' Compensation and Employer's Liability.*
Workers' Compensation: As required by any applicable law or regulation.
Employer's Liability Insurance: must be provided in amounts not less than listed below:
Minimum limits:
$500,000 each accident for bodily injury by accident
$500,000 policy limit for bodily injury by disease
$500,000 each employee for bodily injury by disease

2. *Commercial General Liability Insurance.* Vendor will maintain insurance covering its operations, with coverage on an occurrence basis, and must be subject to terms no less broad than the Insurance Services Office ("ISO") Commercial General Liability Form CG0001 (2001 or newer edition), or equivalent. At a minimum, coverage must include liability arising from premises, operations, bodily injury and property damage, independent contractors, products-completed operations including construction defect, contractual liability, blanket contractual liability, and personal injury and advertising injury. All required limits, terms and conditions of coverage must be maintained during the term of this Contract.
Minimum Limits:
$1,000,000 each occurrence Bodily Injury and Property Damage
$1,000,000 Personal and Advertising Injury
$2,000,000 aggregate for Products-Completed operations
$2,000,000 general aggregate

3. *Commercial Automobile Liability Insurance.* During the term of this Contract, Vendor will maintain insurance covering all owned, hired, and non-owned automobiles in limits of liability not less than indicated below. The coverage must be subject to terms no less broad than ISO Business Auto Coverage Form CA 0001 (2010 edition or newer), or equivalent.
Minimum Limits:
$1,000,000 each accident, combined single limit

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4. *Umbrella Insurance*. During the term of this Contract, Vendor will maintain umbrella coverage over Workers' Compensation, Commercial General Liability, and Commercial Automobile.

Minimum Limits:
$2,000,000

Failure of Vendor to maintain the required insurance will constitute a material breach entitling Sourcewell to immediately terminate this Contract for default.

B. CERTIFICATES OF INSURANCE. Prior to commencing under this Contract, Vendor must furnish to Sourcewell a certificate of insurance, as evidence of the insurance required under this Contract. Prior to expiration of the policy(ies), renewal certificates must be mailed to Sourcewell, 202 12th Street Northeast, P.O. Box 219, Staples, MN 56479 or sent to the Sourcewell Contract Administrator assigned to this Contract. The certificates must be signed by a person authorized by the insurer(s) to bind coverage on their behalf.

Failure to request certificates of insurance by Sourcewell, or failure of Vendor to provide certificates of insurance, in no way limits or relieves Vendor of its duties and responsibilities in this Contract.

C. ADDITIONAL INSURED ENDORSEMENT AND PRIMARY AND NON-CONTRIBUTORY INSURANCE CLAUSE. Vendor agrees to list Sourcewell and its Participating Entities, including their officers, agents, and employees, as an additional insured under the Vendor's commercial general liability insurance policy with respect to liability arising out of activities, "operations," or "work" performed by or on behalf of Vendor, and products and completed operations of Vendor. The policy provision(s) or endorsement(s) must further provide that coverage is primary and not excess over or contributory with any other valid, applicable, and collectible insurance or self-insurance in force for the additional insureds.

D. WAIVER OF SUBROGATION. Vendor waives and must require (by endorsement or otherwise) all its insurers to waive subrogation rights against Sourcewell and other additional insureds for losses paid under the insurance policies required by this Contract or other insurance applicable to the Vendor or its subcontractors. The waiver must apply to all deductibles and/or self-insured retentions applicable to the required or any other insurance maintained by the Vendor or its subcontractors. Where permitted by law, Vendor must require similar written express waivers of subrogation and insurance clauses from each of its subcontractors.

E. UMBRELLA/EXCESS LIABILITY/SELF-INSURED RETENTION. The limits required by this Contract can be met by either providing a primary policy or in combination with umbrella/excess liability policy(ies), or self-insured retention.

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19. COMPLIANCE

A. LAWS AND REGULATIONS. All Equipment, Products, or Services provided under this Contract must comply fully with applicable federal laws and regulations, and with the laws in the states and provinces in which the Equipment, Products, or Services are sold.

B. LICENSES. Vendor must maintain a valid and current status on all required federal, state/provincial, and local licenses, bonds, and permits required for the operation of the business that the Vendor conducts with Sourcewell and Participating Entities.

20. BANKRUPTCY, DEBARMENT, OR SUSPENSION CERTIFICATION

Vendor certifies and warrants that it is not in bankruptcy or that it has previously disclosed in writing certain information to Sourcewell related to bankruptcy actions. If at any time during this Contract Vendor declares bankruptcy, Vendor must immediately notify Sourcewell in writing.

Vendor certifies and warrants that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from programs operated by the State of Minnesota; the United States federal government or the Canadian government, as applicable; or any Participating Entity. Vendor certifies and warrants that neither it nor its principals have been convicted of a criminal offense related to the subject matter of this Contract. Vendor further warrants that it will provide immediate written notice to Sourcewell if this certification changes at any time.

21. PROVISIONS FOR NON-UNITED STATES FEDERAL ENTITY PROCUREMENTS UNDER UNITED STATES FEDERAL AWARDS OR OTHER AWARDS

Participating Entities that use United States federal grant or FEMA funds to purchase goods or services from this Contract may be subject to additional requirements including the procurement standards of the Uniform Administrative Requirements, Cost Principles and Audit Requirements for Federal Awards, 2 C.F.R. § 200. Participating Entities may also require additional requirements based on specific funding specifications. Within this Article, all references to “federal” should be interpreted to mean the United States federal government. The following list only applies when a Participating Entity accesses Vendor’s Equipment, Products, or Services with United States federal funds.

A. EQUAL EMPLOYMENT OPPORTUNITY. Except as otherwise provided under 41 C.F.R. § 60, all contracts that meet the definition of “federally assisted construction contract” in 41 C.F.R. § 60-1.3 must include the equal opportunity clause provided under 41 C.F.R. §60-1.4(b), in accordance with Executive Order 11246, “Equal Employment Opportunity” (30 FR 12319, 12935, 3 C.F.R. §, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, “Amending Executive Order 11246 Relating to Equal Employment Opportunity,” and implementing

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regulations at 41 C.F.R. § 60, “Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor.” The equal opportunity clause is incorporated herein by reference.

B. DAVIS-BACON ACT, AS AMENDED (40 U.S.C. § 3141-3148). When required by federal program legislation, all prime construction contracts in excess of $2,000 awarded by non-federal entities must include a provision for compliance with the Davis-Bacon Act (40 U.S.C. § 3141-3144, and 3146-3148) as supplemented by Department of Labor regulations (29 C.F.R. § 5, “Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction”). In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week. The non-federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non-federal entity must report all suspected or reported violations to the federal awarding agency. The contracts must also include a provision for compliance with the Copeland “Anti-Kickback” Act (40 U.S.C. § 3145), as supplemented by Department of Labor regulations (29 C.F.R. § 3, “Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States”). The Act provides that each contractor or subrecipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. The non-federal entity must report all suspected or reported violations to the federal awarding agency. Vendor must be in compliance with all applicable Davis-Bacon Act provisions.

C. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT (40 U.S.C. § 3701-3708). Where applicable, all contracts awarded by the non-federal entity in excess of $100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. §§ 3702 and 3704, as supplemented by Department of Labor regulations (29 C.F.R. § 5). Under 40 U.S.C. § 3702 of the Act, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. § 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence. This provision is hereby incorporated by reference into this Contract. Vendor certifies that during the term of an award for all contracts by Sourcewell resulting from this procurement process, Vendor must comply with applicable requirements as referenced above.

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D. RIGHTS TO INVENTIONS MADE UNDER A CONTRACT OR AGREEMENT. If the federal award meets the definition of "funding agreement" under 37 C.F.R. § 401.2(a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that "funding agreement," the recipient or subrecipient must comply with the requirements of 37 C.F.R. § 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency. Vendor certifies that during the term of an award for all contracts by Sourcewell resulting from this procurement process, Vendor must comply with applicable requirements as referenced above.

E. CLEAN AIR ACT (42 U.S.C. § 7401-7671Q.) AND THE FEDERAL WATER POLLUTION CONTROL ACT (33 U.S.C. § 1251-1387). Contracts and subgrants of amounts in excess of $150,000 require the non-federal award to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. § 7401- 7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. § 1251- 1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA). Vendor certifies that during the term of this Contract will comply with applicable requirements as referenced above.

F. DEBARMENT AND SUSPENSION (EXECUTIVE ORDERS 12549 AND 12689). A contract award (see 2 C.F.R. § 180.220) must not be made to parties listed on the government wide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 C.F.R. §180 that implement Executive Orders 12549 (3 C.F.R. § 1986 Comp., p. 189) and 12689 (3 C.F.R. § 1989 Comp., p. 235), "Debarment and Suspension." SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549. Vendor certifies that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation by any federal department or agency.

G. BYRD ANTI-LOBBYING AMENDMENT, AS AMENDED (31 U.S.C. § 1352). Vendors must file any required certifications. Vendors must not have used federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Vendors must disclose any lobbying with non-federal funds that takes place in connection with obtaining any federal award. Such disclosures are forwarded from tier to tier up to the non-federal award. Vendors must file all certifications and disclosures required by, and otherwise comply with, the Byrd Anti-Lobbying Amendment (31 U.S.C. § 1352).

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H. RECORD RETENTION REQUIREMENTS. To the extent applicable, Vendor must comply with the record retention requirements detailed in 2 C.F.R. § 200.333. The Vendor further certifies that it will retain all records as required by 2 C.F.R. § 200.333 for a period of 3 years after grantees or subgrantees submit final expenditure reports or quarterly or annual financial reports, as applicable, and all other pending matters are closed.

I. ENERGY POLICY AND CONSERVATION ACT COMPLIANCE. To the extent applicable, Vendor must comply with the mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act.

J. BUY AMERICAN PROVISIONS COMPLIANCE. To the extent applicable, Vendor must comply with all applicable provisions of the Buy American Act. Purchases made in accordance with the Buy American Act must follow the applicable procurement rules calling for free and open competition.

K. ACCESS TO RECORDS (2 C.F.R. § 200.336). Vendor agrees that duly authorized representatives of a federal agency must have access to any books, documents, papers and records of Vendor that are directly pertinent to Vendor's discharge of its obligations under this Contract for the purpose of making audits, examinations, excerpts, and transcriptions. The right also includes timely and reasonable access to Vendor's personnel for the purpose of interview and discussion relating to such documents.

L. PROCUREMENT OF RECOVERED MATERIALS (2 C.F.R. § 200.322). A non-federal entity that is a state agency or agency of a political subdivision of a state and its contractors must comply with Section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 C.F.R. § 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds $10,000 or the value of the quantity acquired during the preceding fiscal year exceeded $10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

22. CANCELLATION

Sourcewell or Vendor may cancel this Contract at any time, with or without cause, upon 60 days' written notice to the other party. However, Sourcewell may cancel this Contract immediately upon discovery of a material defect in any certification made in Vendor's Proposal. Cancellation of this Contract does not relieve either party of financial, product, or service obligations incurred or accrued prior to cancellation.

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Sourcewell

DocuSigned by:
By: Jeremy Schwartz
C0FD2A139D06489...

Jeremy Schwartz
Title: Chief Procurement Officer

Date: 4/28/2021 | 12:22 PM CDT

Approved:

DocuSigned by:
By: Chad Coauette
7E42B8F817A64CC...

Chad Coauette
Title: Executive Director/CEO

Date: 4/30/2021 | 11:30 AM CDT

Deere & Company

DocuSigned by:
By: Andrew Roman
C44230CF47A24D5...

Andrew Roman
Title: Contract Administrator

Date: 4/30/2021 | 11:29 AM CDT

DocuSign Envelope ID: 1A745598-BEDB-42B6-8E79-6E7E8FCBDD97

RFP 031121 - Grounds Maintenance Equipment, Attachments, and Accessories with Related Services

Vendor Details

Company Name:	Deere & Company
Address:	2000 John Deere Run Cary, NC 27513
Contact:	Andrew Roman
Email:	GovContractSupport@JohnDeere.com
Phone:	800-358-5010 2285
Fax:	309-749-2313
HST#:	362382580

Submission Details

Created On:	Wednesday February 03, 2021 15:51:18
Submitted On:	Wednesday March 10, 2021 08:15:55
Submitted By:	Andrew Roman
Email:	GovContractSupport@JohnDeere.com
Transaction #:	15a28f33-864b-4511-9a93-ee50d039fe70
Submitter's IP Address:	165.225.9.87

Specifications

Table 1: Proposer Identity & Authorized Representatives

General Instructions (applies to all Tables) Sourcewell prefers a brief but thorough response to each question. Please do not merely attach additional documents to your response without also providing a substantive response. Do not leave answers blank; mark "NA" if the question does not apply to you (preferably with an explanation).

Line Item	Question	Response *	
1	Proposer Legal Name (and applicable d/b/a, if any):	Deere & Company	*
2	Proposer Address:	2000 John Deere Run Cary, NC 27513	*
3	Proposer website address:	www.johndeere.com	*
4	Proposer's Authorized Representative (name, title, address, email address & phone) (The representative must have authority to sign the "Proposer's Assurance of Compliance" on behalf of the Proposer and, in the event of award, will be expected to execute the resulting contract):	Andrew Roman - Contract Administrator 2000 John Deere Run, Cary, NC 27513 GovContractSupport@JohnDeere.com 800-358-5010 Ext. 2285	*
5	Proposer's primary contact for this proposal (name, title, address, email address & phone):	Andrew Roman - Contract Administrator 2000 John Deere Run, Cary, NC 27513 GovContractSupport@JohnDeere.com 800-358-5010 Ext. 2285	*
6	Proposer's other contacts for this proposal, if any (name, title, address, email address & phone):	Bethany Schneider 10789 South Ridgeview Road, Olathe, KS 66061 SchneiderBethanyM@JohnDeere.com 515-802-4941	

Table 2: Company Information and Financial Strength

Line Item	Question	Response *	
7	Provide a brief history of your company, including your company's core values, business philosophy, and industry longevity related to the requested equipment, products or services.	Deere & Company, founded in 1837 (collectively known as John Deere), began as a simple one-man blacksmith shop. Today it has grown into a corporation that does business around the world and employs over 56,000 people worldwide. The company is guided by the same core values established by its founder: integrity, quality, commitment and innovation. John Deere is the world's leading provider of advanced products and services for agriculture, construction and lawn & turf. John Deere also provides financial services worldwide and manufactures and markets engines used in heavy equipment. Deere & Company is a global company with offices and factories throughout the US and overseas in countries such as China, India, Poland, Russia and Germany just to name a few. John Deere has been involved with the manufacturing of tractors since 1918 and manufacturing of lawn equipment since 1963.	*
8	What are your company's expectations in the event of an award?	John Deere will be able to offer a wide array of products that fall within the scope of this RFP that will meet and exceed the needs of all Sourcewell members.	*
9	Demonstrate your financial strength and stability with meaningful data. This could include such items as financial statements, SEC filings, credit and bond ratings, letters of credit, and detailed reference letters. Upload supporting documents (as applicable) in the document upload section of your response.	Please see Deere & Company's 2020 Annual Report that has been uploaded as part of our proposal.	*
10	What is your US market share for the solutions that you are proposing?	John Deere considers its market share data to be proprietary information.	*
11	What is your Canadian market share for the solutions that you are proposing?	John Deere considers its market share data to be proprietary information.	*
12	Has your business ever petitioned for bankruptcy protection? If so, explain in detail.	No.	*
13	How is your organization best described: is it a manufacturer, a distributor/dealer/reseller, or a service provider? Answer whichever question (either a) or b) just below) best applies to your organization. a) If your company is best described as a distributor/dealer/reseller (or similar entity), provide your written authorization to act as a distributor/dealer/reseller for the manufacturer of the products proposed in this RFP. If applicable, is your dealer network independent or company owned? b) If your company is best described as a manufacturer or service provider, describe your relationship with your sales and service force and with your dealer network in delivering the products and services proposed in this RFP. Are these individuals your employees, or the employees of a third party?	John Deere is a manufacturer. b. John Deere has a nationwide dealer network. The dealer network are independently owned and operated businesses. John Deere partners with these independently owned John Deere dealers that will deliver and service the products being offered in the RFP.	*
14	If applicable, provide a detailed explanation outlining the licenses and certifications that are both required to be held, and actually held, by your organization (including third parties and subcontractors that you use) in pursuit of the business contemplated by this RFP.	To the best of our knowledge, Deere & Company maintains all licenses and certifications necessary to conduct its business (e.g. its sale of grounds maintenance equipment) in the United States.	*
15	Provide all "Suspension or Debarment" information that has applied to your organization during the past ten years.	Not applicable.	*

Table 3: Industry Recognition & Marketplace Success

Line Item	Question	Response *	
16	Describe any relevant industry awards or recognition that your company has received in the past five years	2020 World's Most Ethical Companies - Ethisphere Institute Most Innovative Product Engineering Designs - AE50 Awards Best Global Brands - Interbrand Best CES Sustainability Award - GadgetMatch Best Place to Work - Glassdoor 2019 World's Most Ethical Companies - Ethisphere Institute 50 Sustainability & Climate Leader - Bloomberg Best Workplaces for Innovators - Fast Company Top Employer - Top Employers Institute Americas Most JUST Companies - JUST 100 2018 Best Global Brand - Interbrand World's Most Ethical Companies - Ethisphere Institute Top 10 Innovative Company - American Innovation Index Corporate Partner of the Year - National Society of Black Engineers 2017 World's Most Admired Companies - Fortune Magazine # 50 50 Best Places to Work in the US - Indeed.com US Chamber of Commerce Foundation Citizens Award Company of the Year - Society of Hispanic Professional Engineers 2016 2016 Good Design Award - Good Design is one of the oldest, prestigious and most recognized program for design excellence worldwide.	*
17	What percentage of your sales are to the governmental sector in the past three years	Due to proprietary information, we would prefer not to provide the sales volume history of government agencies. We can assure you that we are a partner who is fully aligned with governmental customer purchase requirements. With a dedicated governmental sales department that works solely with public agencies and our dealer network, we continue to increase our sales volume in this key segment.	*
18	What percentage of your sales are to the education sector in the past three years	Due to proprietary information, we would prefer not to provide the sales volume history of education agencies. We can assure you that we are a partner who is fully aligned with educational customer purchase requirements. With a dedicated governmental sales department that works solely with public agencies and our dealer network, we continue to increase our sales volume in this key segment.	*
19	List any state, provincial, or cooperative purchasing contracts that you hold. What is the annual sales volume for each of these contracts over the past three years?	John Deere currently holds over 115 government contracts consisting of federal, state, county and cooperative contracts. The state, county and cooperative sales volumes are combined. The sales volumes over the past three years are as follows: 2020 - $320.0M 2019 - $326.3M 2018 - $305.5M	*
20	List any GSA contracts or Standing Offers and Supply Arrangements (SOSA) that you hold. What is the annual sales volume for each of these contracts over the past three years?	John Deere currently holds the following GSA Contracts: Ag Tractor Contract #GS-30F-0007T UV Contract #GS-07F-9670S L&G Contract #GS-06F-0083S The total sales volume for the GSA contracts over the past three years are as follows: 2020 - $15.2M 2019 - $21.0M 2018 - $15.3M	*

Table 4: References/Testimonials

Line Item 21. Supply reference information from three customers who are eligible to be Sourcewell participating entities.

Entity Name *	Contact Name *	Phone Number *	
Broward County Public Schools	Edgar Lugo	754-321-0508	*
Loudoun County Virginia	Gerald Landayan	703-771-5956	*
Osceola County Florida	Paul Callaway	407-742-0932	*
State of Indiana - Sourcewell Participating Addendum	Stephanie Nelson	317-234-0963	
State of Arkansas - Sourcewell Participating Addendum	John Leverett	501-683-2222	

Table 5: Top Five Government or Education Customers

Line Item 22. Provide a list of your top five government, education, or non-profit customers (entity name is optional), including entity type, the state or province the entity is located in, scope of the project(s), size of transaction(s), and dollar volumes from the past three years.

Entity Name	Entity Type *	State / Province *	Scope of Work *	Size of Transactions *	Dollar Volume Past Three Years *	
Coop - Buyboard Grounds Maintenance Contract	Government	Texas - TX	Complete Price Page Contract for all John Deere product categories.	Varies	FY20 = 13.2M FY19 = 11.5M FY18 = 10.4M	*
MI - Ag, Grounds and Roadside Equipment Contract	Government	Michigan - MI	Complete Price Page Contract for all John Deere product categories.	Varies	FY20 = 5.4M FY19 = 8.1M FY18 = 8.6M	*
OH - Ag Machinery, Mowers & Tractors Contract	Government	Ohio - OH	Complete Price Page Contract for all John Deere product categories.	Varies	FY20 = 10.3M FY19 = 12.8M FY18 = 20.7M	*
OK - Agriculture, Trees & Brush Maintenance Equipment Contract	Government	Oklahoma - OK	John Deere Ag Tractors and Related Equipment.	Varies	FY20 = 8.0M FY19 = 11.5M FY18 = 10.3M	*
PA - Ag and Grounds Keeping Power Equipment Contract	Government	Pennsylvania - PA	Complete Price Page Contract for all John Deere product categories.	Varies	FY20 = 9.1M FY19 = 9.2M FY18 = 9.8M	*

Table 6: Ability to Sell and Deliver Service

Describe your company's capability to meet the needs of Sourcewell participating entities across the US and Canada, as applicable. Your response should address in detail at least the following areas: locations of your network of sales and service providers, the number of workers (full-time equivalents) involved in each sector, whether these workers are your direct employees (or employees of a third party), and any overlap between the sales and service functions.

Line Item	Question	Response *	

23	Sales force.	John Deere has dedicated governmental sales department, based out of Cary, NC, that focuses 100% of their time on the sales and processing of agricultural and turf equipment to governmental and other public agencies. We have a total of 5 Government Account Managers, one of which is dedicated strictly to federal sales. The 4 remaining Government Account Managers are ultimately responsible for state governmental sales in their respective geographies, dedicating 100% of their time to growing the John Deere governmental sales business. The government account managers develop relationships and understand the equipment needs of federal purchasing agents, state purchasing agents and state fleet administrators, i.e. Department of Transportation, Department of Natural Resources. The government account managers also work with John Deere dealers to provide training and a greater understanding of the selling process. The John Deere dealer is ultimately responsible for delivering and supporting the equipment. In relation to the potential Sourcewell Grounds Maintenance Equipment Contract, the government account managers would promote the contract to state purchasing agents and state fleet administrators, who either do not have their own state purchasing contract or have product gaps in their contracts.	*
24	Dealer network or other distribution methods.	John Deere has a nationwide independent dealer network offering best-in-class parts, service, and support. We know the government customer and make everything easy, from the initial purchase to service and support. Our dealer network, with over 1,700 locations nationwide, would be responsible for delivering and servicing the equipment sold to end users using this contract. John Deere dealers offer a combination of after-hours service (varies by dealer) and online support (online parts ordering system), which gives end-users the service needed to avoid costly downtime. The John Deere parts ordering system is available for all dealers and gives them access to over 800,000 unique parts which are ready to ship overnight, if needed. Most dealers also offer some form of mobile maintenance service, which provides on-site service. Dealer technicians are factory-trained on the service and support of the products offered in this RFP.	*
25	Service force.	John Deere has a nationwide independent dealer network offering best-in-class parts, service, and support. We know the government customer and make everything easy, from the initial purchase to service and support. Our dealer network, with over 1,700 locations nationwide, would be responsible for delivering and servicing the equipment sold to end users using this contract. John Deere dealers offer a combination of after-hours service (varies by dealer) and online support (online parts ordering system), which gives end-users the service needed to avoid costly downtime. The John Deere parts ordering system is available for all dealers and gives them access to over 800,000 unique parts which are ready to ship overnight, if needed. Most dealers also offer some form of mobile maintenance service, which provides on-site service. Dealer technicians are factory-trained on the service and support of the products offered in this RFP.	*
26	Describe in detail the process and procedure of your customer service program, if applicable. Include your response-time capabilities and commitments, as well as any incentives that help your providers meet your stated service goals or promises.	The support of the equipment ultimately takes place through the John Deere dealer network. While customer service inevitably varies within the dealer network, the consistent training that is offered by John Deere Company to dealer technicians and parts personnel helps provide each agency with a similar customer experience. Should there be a need for equipment service, it will be the Sourcewell member's responsibility to contact the delivering dealer for service. The member can also work with other dealers if necessary, as warranty and service work can be performed by any authorized John Deere dealer. In the event of service issues that cannot be solved by the John Deere dealer, the dealer works with John Deere Company's dealer technical assistance center for elevated support. As far as the John Deere Government Sales Department, we have an entire department of approximately 30 people dedicated to government sales. This includes an Order Management Team, that within an average of 7 days of submission, audits and processes every PO to verify contract pricing and verify the items quoted are eligible for the contract. Contract Administrators in the department ensure contract compliance is maintained.	*
27	Describe your ability and willingness to provide your products and services to Sourcewell participating entities in the United States.	John Deere will serve Sourcewell member agencies in the United States. The nationwide John Deere dealer network is able to provide products and services throughout the United States. Equipment Delivery Time After Receipt of Order (ARO) is as follows: 1. Lawn & Garden - 30 to 60 days after receipt of order. 2. Commercial - 60 to 90 days after receipt of order.	*
28	Describe your ability and willingness to provide your products and services to Sourcewell participating entities in Canada.	John Deere will serve Sourcewell member agencies in Canada. The Canadian John Deere dealer network is able to provide products and services throughout Canada.	*
29	Identify any geographic areas of the United States or Canada that you will NOT be fully serving through the proposed contract.	John Deere will serve the entire United States, including Alaska and Hawaii and Canada.	*

30	Identify any Sourcewell participating entity sectors (i.e., government, education, not-for-profit) that you will NOT be fully serving through the proposed contract. Explain in detail. For example, does your company have only a regional presence, or do other cooperative purchasing contracts limit your ability to promote another contract?	John Deere will serve all Sourcewell Member sectors.	*
31	Define any specific contract requirements or restrictions that would apply to our participating entities in Hawaii and Alaska and in US Territories.	John Deere will only ship to Alaska and Hawaii. For deliveries to Alaska or Hawaii, factory freight to the delivering dealer will be paid by the Sourcewell member. The equipment will be FOB origin. Factory freight is known at the time of quoting and will be included on the quote to the Sourcewell member. For all other deliveries within the continental US, the equipment will be FOB destination (the Sourcewell member will NOT be charged factory freight to the delivering dealer).	*

Table 7: Marketing Plan

Line Item	Question	Response *	
32	Describe your marketing strategy for promoting this contract opportunity. Upload representative samples of your marketing materials (if applicable) in the document upload section of your response.	John Deere currently uses several forms of marketing to target the governmental and public customer segment: 1. We have created a website where we prominently advertise the cooperative contracts we currently hold. 2. Each year, the company produces a purchasing guide for government equipment. This purchasing guide, available in both print and electronic Flash Drive format, is used by the John Deere dealer network to promote the products. 3. John Deere provides templates online for dealers to create their own mailings to promote products to governmental and public agencies. 4. John Deere also prints detailed marketing brochures for the products being offered in this RFP. This literature is made available to dealers and includes features and benefits and equipment specifications. A sample of marketing materials have been uploaded for review and include: Government Municipal Lease Literature, Government Sales Folder Packet and Government Sport Turf Banner.	*
33	Describe your use of technology and digital data (e.g., social media, metadata usage) to enhance marketing effectiveness.	JohnDeere.com provides detailed product information for the products being offered in this RFP. Customers are able to view information on product features, specifications, and accessories. Utilizing JohnDeere.com, Sourcewell members would be able to “build-their-own” product. Customers choose the product category and subsequent product options to configure their desired piece of equipment. Manufacturer’s Suggested Retail List Price is shown. The website will not show the Sourcewell contract discount, but if the Sourcewell member knows the discount on the particular product category, they will be able to determine their purchase price.	*
34	In your view, what is Sourcewell’s role in promoting contracts arising out of this RFP? How will you integrate a Sourcewell-awarded contract into your sales process?	Sourcewell will play a key role in working with and supporting the John Deere Government Account Managers, by helping the Account Managers promote the Sourcewell contract and recognize key opportunities in states that show a willingness to adopt Sourcewell. Conference calls and/or webinars with the John Deere Government Account Managers will be a valuable tool. Because the Account Managers have a strong relationship with the John Deere dealers, the account managers will help the dealers understand the contract and market it in their particular areas. The account managers will help the John Deere dealers understand the steps necessary to sign up new Sourcewell members as well. Furthermore, in certain geographies, webinars could be used to help John Deere dealers understand the Sourcewell contract. These opportunities would typically be initiated by John Deere and considered on an individual basis depending on the needs of a particular region.	*
35	Are your products or services available through an e-procurement ordering process? If so, describe your e-procurement system and how governmental and educational customers have used it.	We currently use E-procurement systems in North Carolina and Virginia (eVA) because we are contractually required to do so. The system does provide the state a constant record of sales activity, however, administratively, E-procurement is not a seamless process for us. When it comes to John Deere equipment, there are thousands of equipment configurations. Because Deere’s price pages are in pdf format, we cannot just simply upload the pricing into the E-procurement systems. We have to manually construct base machines by model and enter them individually. Doing it this way means the agency is not getting the complete picture of what we have available. They’re only getting a “sample”. For the most part, agencies still feel most comfortable with working directly with the dealer to ensure they’re getting equipment that will best suit their needs.	*

Table 8: Value-Added Attributes

Line Item	Question	Response *	
36	Describe any product, equipment, maintenance, or operator training programs that you offer to Sourcewell participating entities. Include details, such as whether training is standard or optional, who provides training, and any costs that apply.	The John Deere dealer is ultimately responsible for delivering and supporting the equipment. However, any Sourcewell member will be encouraged to call the John Deere governmental sales direct toll-free number (800-358-5010, option 2) for assistance with locating their nearest dealer. John Deere does offer distance-learning classes on the operation and adjustment of equipment for certain products. To date, this has primarily been for larger equipment, targeted at farm customers. Many John Deere dealers offer local training, which is at the discretion of the dealer.	*
37	Describe any technological advances that your proposed products or services offer.	Fastback™ PRO Rear-Discharge Mower Deck for the gas and diesel Z900 Ztrak Mowers. 1. Available in a 60- or 72-inch cutting widths, 2. The rear-discharge mower deck increases productivity and improves operator comfort without sacrificing cut quality. 3. The rear-discharge design, the chance of damage from objects being thrown from the mower deck is decreased. 4. The unique design also helps minimize the amount of debris blown onto the operator. 5. Allows operators to mow closely around fixed objects with either side of the deck. Compact Tractor Quik-Knect™ System Awarded with 2020 AE50 Award 1. Quik-Knect System Named One of This Year's Most Innovative Products in the Food and Agriculture Industry. 2. Quik-Knect prevents twisting or forcing to line-up the splines when attaching rear implements. 3. Developed to help increase operator ease and enhance productivity. 4. Operators slide the tractor and implement connectors together until they click into place. Commercial Walk Behind Mowers Recognized with 2020 AE50 Award 1. AE50 awards highlight the most innovative designs in product engineering. 2. The recoil start M Series and electric start R Series Walk Behind Mowers have been a gamechanger for the commercial mowing industry. 3. Redesigned machines directly address the primary customer needs of productivity, operator comfort, weight distribution, and frame clearance.	*
38	Describe any "green" initiatives that relate to your company or to your products or services, and include a list of the certifying agency for each.	John Deere has created a Product Sustainability goal where we offer machines and technology solutions that are not only more productive and efficient but also minimize the impact on the environment. Some Product Sustainability Goals include: 1. Reduce environment impact including CO2 emissions on 90% of new products. 2. Increase the use of sustainable materials by growing remanufactured and rebuild sales by 30%. 3. Increasing recyclable, renewable and recycled content.	*
39	Identify any third-party issued eco-labels, ratings or certifications that your company has received for the equipment or products included in your Proposal related to energy efficiency or conservation, life-cycle design (cradle-to-cradle), or other green/sustainability factors.	Sustainability is foundational to the John Deere strategy. We are committed to reducing the environmental impact on 90% of new products to include carbon emission reductions and invest $4 Million dollars per day in research and development. Further we have received the following awards. 1. Best of CES Sustainability Award (GadgetMatch) 2. 50 Sustainability & Climate Leader (Bloomberg) 3. World's Most Ethical Companies (Ethisphere)	*
40	Describe any Women or Minority Business Entity (WMBE), Small Business Entity (SBE), or veteran owned business certifications that your company or hub partners have obtained. Upload documentation of certification (as applicable) in the document upload section of your response.	John Deere continues to proactively engage small and diverse businesses to support the economic growth of communities. Benefits of a thriving Supplier Diversity Program include: 1. Generates economic opportunities for disadvantaged communities. 2. Promotes supply base competition and creates risk mitigation options. 3. Unlocks innovation and diversity of thought.	*
41	What unique attributes does your company, your products, or your services offer to Sourcewell participating entities? What makes your proposed solutions unique in your industry as it applies to Sourcewell participating entities?	John Deere's founder was best known for his work with the first commercially successful plow. And so it is today that we are perhaps best known for our quality agricultural equipment. We also take the lead worldwide in construction and forestry equipment. We're a major force in grounds maintenance and commercial landscape equipment. Also, John Deere Financial is one of the largest equipment finance companies.	*

Table 9: Warranty

Describe in detail your manufacturer warranty program, including conditions and requirements to qualify, claims procedure, and overall structure. You may upload representative samples of your warranty materials (if applicable) in the document upload section of your response in addition to responding to the questions below.

Line Item	Question	Response *	
42	Do your warranties cover all products, parts, and labor?	See paragraph A of the attached warranty statement.	*
43	Do your warranties impose usage restrictions or other limitations that adversely affect coverage?	Per the attached warranty statement paragraph B, the warranty term (time period and usage limits) varies by product.	*
44	Do your warranties cover the expense of technicians' travel time and mileage to perform warranty repairs?	Per the attached warranty statement paragraph A, the purchaser will be responsible for any service call and/or transportation of equipment to and from the authorized dealer's place of business (except where prohibited by law), for any premium charged for overtime labor requested by the purchaser and for any service and/or maintenance not directly related to any defect covered under these warranties.	*
45	Are there any geographic regions of the United States or Canada (as applicable) for which you cannot provide a certified technician to perform warranty repairs? How will Sourcewell participating entities in these regions be provided service for warranty repair?	The John Deere dealer network is able to service equipment throughout the United States and Canada.	*
46	Will you cover warranty service for items made by other manufacturers that are part of your proposal, or are these warranties issues typically passed on to the original equipment manufacturer?	John Deere is only submitting equipment manufactured by John Deere.	*
47	What are your proposed exchange and return programs and policies?	John Deere exchanges and returns will not be permitted.	*
48	Describe any service contract options for the items included in your proposal.	John Deere is not including service contract options with our proposal.	*

Table 10: Payment Terms and Financing Options

Line Item	Question	Response *	
49	What are your payment terms (e.g., net 10, net 30)?	John Deere's payment terms are Net 30.	*
50	Do you provide leasing or financing options, especially those options that schools and governmental entities may need to use in order to make certain acquisitions?	John Deere offers financing and leasing options through John Deere Financial. The John Deere Municipal Lease Purchase Plan is a special low- rate financing plan that is designed to provide flexibility of leasing while building equity toward ownership of the John Deere equipment. Any state or local government body or their political subdivisions may be eligible for the John Deere Municipal Lease Purchase Plan, subject to approval and if the agencies rules and guidelines allow. John Deere Financial also offers other leasing and financing options for governmental, educational, and non- profit entities, subject to approval.	*
51	Briefly describe your proposed order process. Include enough detail to support your ability to report quarterly sales to Sourcewell as described in the Contract template. For example, indicate whether your dealer network is included in your response and whether each dealer (or some other entity) will process the Sourcewell participating entities' purchase orders.	The order process will follow a Business-to-Government order process. Our dealer network will be quoting equipment, accepting purchase orders, delivering and servicing the equipment. The Sourcewell Member or John Deere dealer will submit a purchase order to John Deere Government Sales for processing, noting the Sourcewell contract number on the PO and the Member's preferred delivering dealer. John Deere will invoice the member upon delivery of the product. The equipment will be delivered by the designated dealer.	*
52	Do you accept the P-card procurement and payment process? If so, is there any additional cost to Sourcewell participating entities for using this process?	No.	*

Table 11: Pricing and Delivery

Provide detailed pricing information in the questions that follow below. Keep in mind that reasonable price and product adjustments can be made during the term of an awarded Contract as desribed in the RFP, the template Contract, and the Sourcewell Price and Product Change Request Form.

Line Item	Question	Response *	
53	Describe your pricing model (e.g., line-item discounts or product-category discounts). Provide detailed pricing data (including standard or list pricing and the Sourcewell discounted price) on all of the items that you want Sourcewell to consider as part of your RFP response. If applicable, provide a SKU for each item in your proposal. Upload your pricing materials (if applicable) in the document upload section of your response.	John Deere is offering product-category discounts. See uploaded Price Schedule and Price Pages.pdf.	*
54	Quantify the pricing discount represented by the pricing proposal in this response. For example, if the pricing in your response represents a percentage discount from MSRP or list, state the percentage or percentage range.	The percentage discount range is 4% to 24% off Current MSRP.	*
55	Describe any quantity or volume discounts or rebate programs that you offer.	John Deere offers a Multiple Unit Discount (MUD) based on the following schedule: 3-4 units – 1% 5-6 units – 2% 7-8 units – 3% 9 units or more – 4% For sales of three or more like self-propelled equipment sold to one customer on the same purchase order qualifies for an additional discount. Implements and attachments sold with and for self-propelled ride-on machines are also eligible for multi-unit discounts, but do not count towards the total number of ride-on units, which determines the multi-unit discount percentage. Frontier Equipment is excluded from the Multiple Unit Discount.	*
56	Propose a method of facilitating “sourced” products or related services, which may be referred to as “open market” items or “nonstandard options”. For example, you may supply such items “at cost” or “at cost plus a percentage,” or you may supply a quote for each such request.	John Deere can offer “Sourced Goods” to Sourcewell Members. What Sourcewell calls “Sourced Goods” John Deere calls non-contract items and allied items. We define non-contract as John Deere items that are not on contract (like parts and catalog items that say “See Parts” or “See Catalog” in our price pages). Allied equipment is defined as non-John Deere equipment (ex. Tiger mower). Non-contract and allied items would be sold as “open market” and the price of the item would be negotiated between the John Deere dealer and the Sourcewell Member. The non-contract/allied item would appear on the purchase order (PO) with the contract item but would be listed as “non-contract”.	*
57	Identify any element of the total cost of acquisition that is NOT included in the pricing submitted with your response. This includes all additional charges associated with a purchase that are not directly identified as freight or shipping charges. For example, list costs for items like pre-delivery inspection, installation, set up, mandatory training, or initial inspection. Identify any parties that impose such costs and their relationship to the Proposer.	For deliveries to Alaska, Hawaii, factory freight to the delivering dealer will be paid by the Sourcewell member. Factory freight is known at the time of quoting and will be included on the quote to the Sourcewell member. The dealer may charge $4.00 per loaded mile to deliver equipment from the dealership to the agency's location. The charge must appear on the quote or purchase order.	*
58	If freight, delivery, or shipping is an additional cost to the Sourcewell participating entity, describe in detail the complete freight, shipping, and delivery program.	For deliveries to Alaska, Hawaii, factory freight to the delivering dealer will be paid by the Sourcewell member. Factory freight is known at the time of quoting and will be included on the quote to the Sourcewell member. The dealer may charge $4.00 per loaded mile to deliver equipment from the dealership to the agency's location. The charge must appear on the quote or purchase order.	*
59	Specifically describe freight, shipping, and delivery terms or programs available for Alaska, Hawaii, Canada, or any offshore delivery.	For deliveries to Alaska, Hawaii, factory freight to the delivering dealer will be paid by the Sourcewell member. Factory freight is known at the time of quoting and will be included on the quote to the Sourcewell member.	*
60	Describe any unique distribution and/or delivery methods or options offered in your proposal.	None.	*

Table 12: Pricing Offered

Line Item	The Pricing Offered in this Proposal is: *	Comments
61	b. the same as the Proposer typically offers to GPOs, cooperative procurement organizations, or state purchasing departments.	

Table 13: Audit and Administrative Fee

Line Item	Question	Response *	
62	Specifically describe any self-audit process or program that you plan to employ to verify compliance with your proposed Contract with Sourcewell. This process includes ensuring that Sourcewell participating entities obtain the proper pricing, that the Vendor reports all sales under the Contract each quarter, and that the Vendor remits the proper administrative fee to Sourcewell.	The Sourcewell member will receive their equipment quote directly from the John Deere dealer. The dealer is able to create the quote by utilizing the contract information (discounts, contract guidelines, eligible equipment, etc.) that we have posted on our website as well as a quoting tool that we've made available to them. The member will submit their purchase order (PO), with contract number noted, to the dealer. John Deere will be listed as the vendor on the PO and the dealer, who created the quote, will be the delivering dealer. The dealer will then upload the quote and the PO to Deere's online order management system. Our Order Management Team will then retrieve the quote and the PO and audit them based on the contract guidelines. If an issue is discovered with PO and/or quote, the Order Management Team will then contact the dealer and work with the dealer and the member to get the issue resolved.	*
63	Identify a proposed administrative fee that you will pay to Sourcewell for facilitating, managing, and promoting the Sourcewell Contract in the event that you are awarded a Contract. This fee is typically calculated as a percentage of Vendor's sales under the Contract or as a per-unit fee; it is not a line-item addition to the Member's cost of goods. (See the RFP and template Contract for additional details.)	John Deere will pay a 1% administrative fee.	*

Table 14A: Depth and Breadth of Offered Equipment Products and Services

Line Item	Question	Response *	
64	Provide a detailed description of the equipment, products, and services that you are offering in your proposal.	John Deere will offer its complete product offering that fall within the scope of this RFP. Description of the products John Deere will offer include: Residential Zero-Turn Radius Mowers & Equipment Lawn Tractors & Equipment Garden Tractors & Equipment Equipment for Lawn & Garden Tractors Commercial Walk-Behind Mowers & Equipment Commercial Zero-Turn Radius Mowers & Equipment Commercial Front Mowers & Equipment Commercial Wide Area Mowers & Equipment Compact Utility Tractors & Equipment Equipment for Commercial Mowing Products Equipment for Compact Utility Tractors Mid-Size Utility Vehicles & Equipment Full-Size Utility Vehicles & Equipment Traditional Utility Vehicles & Equipment HPX Utility Vehicles & Equipment Implements for Utility Vehicles TerrainCut Mowers & Equipment Special Application Vehicles & Equipment Aercore & Equipment Debris Maintenance & Equipment Frontier Implements and Attachments Our independent dealer network will provide aftermarket services upon request. Equipment Delivery Time After Receipt of Order (ARO) is as follows: 1. Lawn & Garden - 30 to 60 days after receipt of order. 2. Commercial - 60 to 90 days after receipt of order.	*
65	Within this RFP category there may be subcategories of solutions. List subcategory titles that best describe your products and services.	List of subcategory products John Deere will offer within this RFP include: Material Handling Attachments (Loaders, Backhoes, Mower Decks, Rotary Tillers, Snow Blowers) Frontier Attachments (Cotton, Cutting/Mowing, Hay & Forage, Landscape, Livestock, Material Handling, Planting & Seeding, Snow, Sprayers, Tillage)	*

Table 14B: Depth and Breadth of Offered Equipment Products and Services

Indicate below if the listed types or classes of equipment, products, and services are offered within your proposal. Provide additional comments in the text box provided, as necessary.

Line Item	Category or Type	Offered *	Comments	
66	Lawn and garden equipment, tools, attachments, and accessories	(•) Yes ( ) No	See uploaded Price Schedule and Price Pages.pdf.	*
67	Irrigation systems, equipment, parts, and related installation and maintenance services	( ) Yes (•) No	No Bid	*
68	Beach and waterfront maintenance equipment and accessories	( ) Yes (•) No	No Bid	*
69	Accessories, parts, and services related to the solutions described above, including maintenance or repair, and warranty programs	( ) Yes (•) No	John Deere is not providing parts, service or warranty programs as part of its RFP response. However, Sourcewell members will be able to purchase parts and other service programs directly from the John Deere dealers.	*

Table 15: Industry Specific Questions

Line Item	Question	Response *	
70	If you are awarded a contract, provide a few examples of internal metrics that will be tracked to measure whether you are having success with the contract.	John Deere looks forward to annual business reviews with Sourcewell account managers. During these reviews, we discuss plans and volume goals and normally include percentage sales increase. Our metrics & goals for 2021 and beyond includes this discussion.	*
71	Describe the serviceability of the products included in your proposal (parts availability, warranty and technical support, etc.).	John Deere has a nationwide independent dealer network offering best-in-class parts, service, and support. Our dealer network, with over 1,700 locations nationwide, would be responsible for delivering and servicing the equipment sold to end users using this contract. John Deere dealers offer a combination of after-hours service (varies by dealer) and online support (online parts ordering system), which gives end-users the service needed to avoid costly downtime. The John Deere parts ordering system is available for all dealers and gives them access to over 800,000 unique parts which are ready to ship overnight, if needed. Most dealers also offer some form of mobile maintenance service, which provides on-site service. Dealer technicians are factory-trained on the service and support of the products offered in this RFP.	
72	Describe advancements reflected in the equipment or products offered in your proposal, such as safety, longevity or life cycle cost measures.	John Deere relies heavily on applicable safety standards as published by the International Standards Organization (ISO), the American National Standards Institute (ANSI), the American Society of Agricultural and Biological Engineers (ASABE), European Committee for Standardization (CEN), and other organizations. Our goal is to meet or surpass the intent of these standards. As part of our design process, we ensure safety information appears in pre-delivery instructions, operator's manuals, technical manuals, and other service publications. In addition, safety instructions in the form of safety signs are affixed to the product to appropriately warn an operator of potential hazards. We also provide training resources such as videos, posters, brochures, and guides.	

Exceptions to Terms, Conditions, or Specifications Form

Only those Proposer Exceptions to Terms, Conditions, or Specifications that have been accepted by Sourcewell have been incorporated into the contract text.

Proposer's Affidavit

PROPOSER AFFIDAVIT AND ASSURANCE OF COMPLIANCE

I certify that I am the authorized representative of the Proposer submitting the foregoing Proposal with the legal authority to bind the Proposer to this Affidavit and Assurance of Compliance:

1. The Proposer is submitting this Proposal under its full and complete legal name, and the Proposer legally exists in good standing in the jurisdiction of its residence.

2. The Proposer warrants that the information provided in this Proposal is true, correct, and reliable for purposes of evaluation for contract award.

3. The Proposer, including any person assisting with the creation of this Proposal, has arrived at this Proposal independently and the Proposal has been created without colluding with any other person, company, or parties that have or will submit a proposal under this solicitation; and the Proposal has in all respects been created fairly without any fraud or dishonesty. The Proposer has not directly or indirectly entered into any agreement or arrangement with any person or business in an effort to influence any part of this solicitation or operations of a resulting contract; and the Proposer has not taken any action in restraint of free trade or competitiveness in connection with this solicitation. Additionally, if Proposer has worked with a consultant on the Proposal, the consultant (an individual or a company) has not assisted any other entity that has submitted or will submit a proposal for this solicitation.

4. To the best of its knowledge and belief, and except as otherwise disclosed in the Proposal, there are no relevant facts or circumstances which could give rise to an organizational conflict of interest. An organizational conflict of interest exists when a vendor has an unfair competitive advantage or the vendor’s objectivity in performing the contract is, or might be, impaired.

5. The contents of the Proposal have not been communicated by the Proposer or its employees or agents to any person not an employee or legally authorized agent of the Proposer and will not be communicated to any such persons prior to Due Date of this solicitation.

6. If awarded a contract, the Proposer will provide to Sourcewell Participating Entities the equipment, products, and services in accordance with the terms, conditions, and scope of a resulting contract.

7. The Proposer possesses, or will possess before delivering any equipment, products, or services, all applicable licenses or certifications necessary to deliver such equipment, products, or services under any resulting contract.

8. The Proposer agrees to deliver equipment, products, and services through valid contracts, purchase orders, or means that are acceptable to Sourcewell Members. Unless otherwise agreed to, the Proposer must provide only new and first-quality products and related services to Sourcewell Members under an awarded Contract.

9. The Proposer will comply with all applicable provisions of federal, state, and local laws, regulations, rules, and orders.

10. The Proposer understands that Sourcewell will reject RFP proposals that are marked "confidential" (or "nonpublic," etc.), either substantially or in their entirety. Under Minnesota Statutes Section 13.591, subdivision 4, all proposals are considered nonpublic data until the evaluation is complete and a Contract is awarded. At that point, proposals become public data. Minnesota Statutes Section 13.37 permits only certain narrowly defined data to be considered a "trade secret," and thus nonpublic data under Minnesota's Data Practices Act.

11. Proposer its employees, agents, and subcontractors are not:

    a. Included on the “Specially Designated Nationals and Blocked Persons” list maintained by the Office of Foreign Assets Control of the United States Department of the Treasury found at: https://www.treasury.gov/ofac/downloads/sdnlist.pdf;

    b. Included on the government-wide exclusions lists in the United States System for Award Management found at: https://sam.gov/SAM/; or

c. Presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from programs operated by the State of Minnesota; the United States federal government or the Canadian government, as applicable; or any Participating Entity. Vendor certifies and warrants that neither it nor its principals have been convicted of a criminal offense related to the subject matter of this solicitation.

☑ By checking this box I acknowledge that I am bound by the terms of the Proposer's Affidavit, have the legal authority to submit this Proposal on behalf of the Proposer, and that this electronic acknowledgment has the same legal effect, validity, and enforceability as if I had hand signed the Proposal. This signature will not be denied such legal effect, validity, or enforceability solely because an electronic signature or electronic record was used in its formation. - Andrew Roman, Contract Administrator, Deere & Company

The Proposer declares that there is an actual or potential Conflict of Interest relating to the preparation of its submission, and/or the Proposer foresees an actual or potential Conflict of Interest in performing the contractual obligations contemplated in the bid.

○ **Yes** ◉ **No**

The Bidder acknowledges and agrees that the addendum/addenda below form part of the Bid Document.

Check the box in the column "**I have reviewed this addendum**" below to acknowledge each of the addenda.

File Name	I have reviewed the below addendum and attachments (if applicable)	Pages
Addendum_11_ Grounds_Maintenance_Equipment_RFP_031121 Thu March 4 2021 06:08 PM	☑	2
Addendum_10_ Grounds_Maintenance_Equipment_RFP_031121 Thu February 25 2021 01:00 PM	☑	1
Addendum_9_ Grounds_Maintenance_Equipment_RFP_031121 Tue February 23 2021 10:33 AM	☑	1
Addendum_8_ Grounds_Maintenance_Equipment_RFP_031121 Mon February 22 2021 10:21 AM	☑	2
Addendum_7_ Grounds_Maintenance_Equipment_RFP_031121_CDR_Suggests Wed February 17 2021 09:01 AM	☑	1
Addendum_6_ Grounds_Maintenance_Equipment_RFP_031121 Tue February 16 2021 11:03 AM	☑	1
Addendum_5_ Grounds_Maintenance_Equipment_RFP_031121 Fri February 12 2021 03:14 PM	☑	1
Addendum_4_ Grounds_Maintenance_Equipment_RFP_031121 Tue February 2 2021 02:12 PM	☑	1
Addendum_3_ Grounds_Maintenance_Equipment_RFP_031121 Thu January 21 2021 03:47 PM	☑	2
Addendum_2_ Grounds_Maintenance_Equipment_RFP_031121 Wed January 20 2021 02:02 PM	☑	1
Addendum_1_ Grounds_Maintenance_Equipment_RFP_031121 Tue January 19 2021 03:36 PM	☑	1

DocuSign Envelope ID: 96424436-8E36-4475-8E43-3081BC979166

AMENDMENT
TO
CONTRACT #031121-DAC

THIS AMENDMENT is effective upon the date of the last signature below by and between **Sourcewell** and **Deere & Company** (Vendor).

Sourcewell awarded a contract to Vendor to provide Grounds Maintenance Equipment, Attachments, and Accessories with Related Services, to Sourcewell and its Participating Entities, effective April 30, 2021, through April 30, 2025, (Original Agreement).

The parties wish to amend the Contract to add:

> Upon a Dealer's acceptance of this Contract's Terms and Conditions, Supplier authorizes Dealers to sell directly to Participating Entities; this includes accepting Purchase Orders and Invoicing Participating Entities. In the event a Dealer does not accept this Contract's Terms and Conditions, Supplier may sell directly to Participating Entitles.

Except as amended by this Amendment, the Original Agreement remains in full force and effect.

Sourcewell

By: DocuSigned by: Jeremy Schwartz C0FD2A139D06489...

Jeremy Schwartz

Title: Director of Operations & Procurement/CPO

Date: 7/12/2022 | 9:09 PM CDT

Deere & Company

By: DocuSigned by: Andrew Roman E2D8D7D6435C47C...

Andrew Roman

Title: Contract Administrator

Date: 7/12/2022 | 11:17 AM CDT

Approved:

By: DocuSigned by: Chad Coauette 7E42B8F817A64CC...

Chad Coauette, Executive Director/CEO

Date: 7/12/2022 | 9:10 PM CDT

CITY COUNCIL | AGENDA REPORT

To: Mayor and City Council

From: City Manager

Meeting Date: April 23, 2024

Subject: THIRD QUARTER TREASURER'S REPORT AND THE MONTHLY INVESTMENT TRANSACTION REPORT AS OF MARCH 31, 2024 – FISCAL YEAR 2023-2024

Recommendation:

1. Receive and file the Treasurer's Report for the quarter ending March 31, 2024, which represents balances and activities for the third quarter (January through March) of the 2023-24 fiscal year; and

2. Receive and file the Treasurer's Monthly Investment Transaction Report as of March 31, 2024.

Fiscal Impact:

There is no fiscal impact on the General Fund from this item. On a quarterly basis, the Administrative Services Department staff allocates the appropriate interest income to the various funds. This shows as revenues to the respective funds.

Discussion:

The Treasurer's Report (Enclosure 1) provides a synopsis of investment activity for the City of Pico Rivera's (City) investment portfolio for the fiscal year (FY) 2023-24 third quarter ending March 31, 2024. The report provides information on assets, allocations, average maturities, yields, and valuations for each of the three (3) portfolios. A discussion of market conditions is included to give additional perspective to these measurements.

As of March 31, 2024, the City's investment portfolios are in full compliance with the City's Investment Policy, California Government Code Section 53601, and have sufficient cash flow from a combination of liquid and maturing securities, bank deposits, and income to meet the City's expenditure requirements. The paragraphs below provide a summary of the investment results from the second quarter.

Total Pooled Cash and Investments during the quarter totaled $122,078,487. This total amount consisted of $5,959,999 in the City's operating accounts with its banking partner

Commercial Bank of California (CBC), $26,898,208 with CBC Insured Cash Sweep (ICS) Account, $56,735,105 in the State Treasurer's Local Agency Investment Fund (LAIF) and $32,485,175 managed by Chandler Asset Management (Chandler). The City also had $1,912,168 held by various Trustee Accounts, all related to the City's bond issues (1999 Water Revenue Bonds, etc.).

The total 2018 Certificates of Participation, Series A (COPS) managed by Wilmington Trust, reflect an ending balance of $5,088,184.

The Pico Rivera Innovative Municipal Energy (PRIME), an Enterprise Fund, has two (2) bank accounts managed by River City Bank (RCB). The first account, the RCB ICS account, receives and records investment income. It has an ending balance of $13,917,482 as of March 31, 2024. The second account, the Public Fund account, receives Electronic Data Interchange (EDI) collection payments and executes vendor payments for the purchase of energy. The Public Fund account, as of March 31, 2024, has an ending balance of $1,860,302.

Chandler Asset Management Managed Portfolio

The City entered into a discretionary investment advisory agreement in December 2017 with Chandler, a Securities and Exchange Commission (SEC) registered investment advisor, to manage a portion of the City's portfolio in a disciplined, active manner that complies with the City's investment policy and stated objectives of safety, liquidity, and yield. After detailed consultation with Chandler's investment team, the City selected the Limited Maturity investment strategy, benchmarked against the Bank of America Merrill Lynch 1-3 Year US Treasury & Agency Index. The strategy invests in a well-diversified portfolio of high-quality fixed-income securities. To maintain compliance with the City's investment policy, Chandler continues to invest in securities that reflect the guidelines set forth in the City's Investment Policy, most recently approved on August 1, 2023.

To ensure the safety of the portfolio, investments that hold the highest credit quality are selected. The Chandler Managed Portfolio is comprised primarily of Treasury Securities and Federal Government-sponsored entity debt, otherwise known as federal agency securities. Federal agency securities continue to be regarded as among the safest securities in the global market. Two (2) of the government-sponsored agencies, the Federal National Mortgage Association (Fannie Mae) and Federal Home Loan Mortgage Corporation (Freddie Mac), remain under conservatorship and carry an implicit guarantee by the Federal Government. In addition, both are carefully monitored by the City's Treasurer to ensure the continued safety of the City's funds.

The Portfolio Holding Report (Table 1) reflects the types of security holdings in the City's investment fund. The portfolio of the March 31, 2024 market value represents a total of $32,485,175, an increase of $162,993 from the December 31, 2024 market value of $32,322,182. In the period ending March 31, 2024, the portfolio held a diverse set of investments, holding nine (9) different security types. The largest security holding

consists of Treasury Securities of $14,216,061. These Treasury Securities are one of the highest-quality debt instruments.

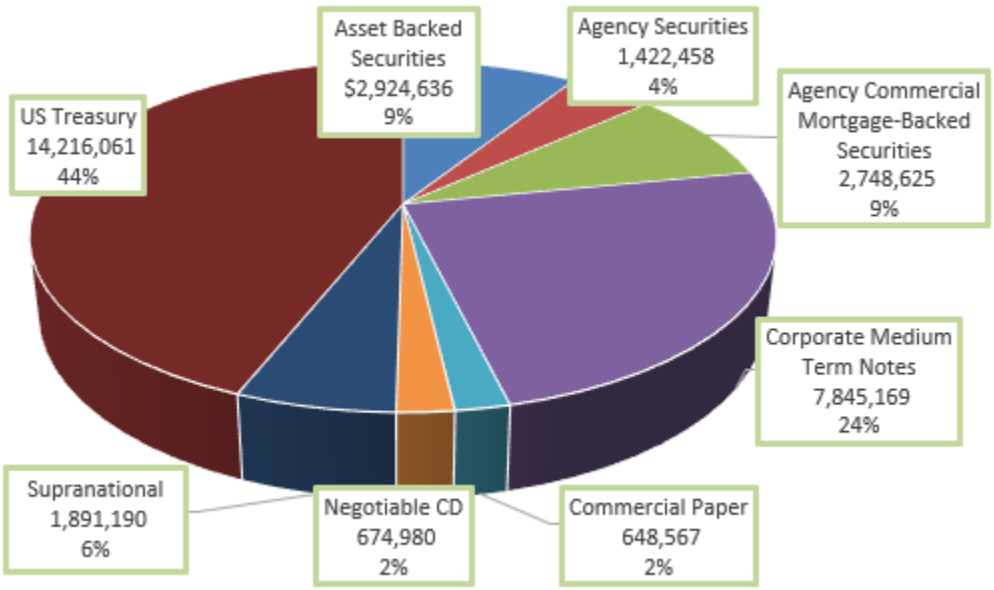
The Portfolio Holdings Report also provides the portfolio's Par values (nominal value of a bond); Book yield (Internal Rate of Return); Book value (value of a security); Market YTM (long-term bond yield); Market value (amount security can be sold on a given market); Accrued interest (interest earned); Total portfolio (Market value plus accrued interest); and finally, Maturity Duration (bond sensitivity of price that may change in interest rates during duration).

Table 1 - Portfolio Holding Report

Security Type	Par Value/Units	Book Yield	Book Value	Mkt YTM	Market Value	Accrued Interest	Total Portolio	Years to Final Maturity
Asset Backed Securities	$ 2,934,159	4.32%	$ 2,933,884	5.18%	$ 2,919,129	$ 5,507	$ 2,924,636	3.344
Agency Securities	1,440,000	3.15%	1,447,217	4.75%	1,415,458	7,001	1,422,458	2.379
Agency Commercial Mortgage-Backed Securities	2,875,000	4.60%	2,748,415	4.86%	2,740,991	7,634	2,748,625	3.548
Cash Receivable	40,257	0.00%	40,257	0.00%	40,257	-	40,257	0
Corporate Medium Term Notes	7,850,000	3.98%	7,831,030	5.38%	7,779,843	65,326	7,845,169	2.394
Commercial Paper	650,000	5.86%	648,876	5.52%	648,567	-	648,567	0.033
Money Market	73,232	4.94%	73,232	4.94%	73,232	-	73,232	0
Negotiable CD	650,000	5.84%	649,998	5.37%	650,727	24,252	674,980	0.375
Supranational	1,895,000	3.13%	1,892,981	5.11%	1,880,023	11,167	1,891,190	2.302
US Treasury	14,660,000	2.72%	14,521,303	5.29%	14,163,154	52,907	14,216,061	1.598
TOTAL CHANDLER PORTFOLIO	**$ 33,067,648**	**3.50%**	**$ 32,787,194**	**5.23%**	**$ 32,311,381**	**$ 173,795**	**$ 32,485,175**	**2.126**

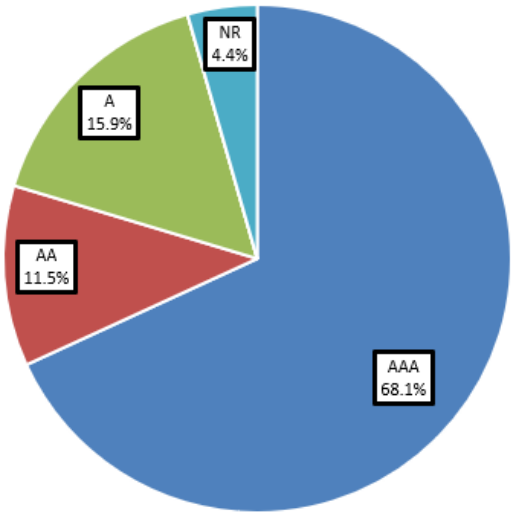
The Investments by Type (Chart 1) reflects the makeup of the portfolio holdings by security type. The portfolio holds 44% in US Treasuries (government treasury bonds, notes, and bills), 24% in corporate medium-term notes, 4% of total investments in federal agency securities, 9% in asset-backed securities, 9% in agency commercial mortgage-backed securities, which are essentially the same as those held in collateralized mortgage obligations but categorized under different sector names. These securities are backed by a pool of assets. The remaining investments are in money market funds and supranational securities.

Chart 1 - Investments by Type



The Investment Rating chart (Chart 2) illustrates the portfolio's investment grade of holdings. This rating provides the City assurance of risk associated with the quality of the holdings' investment grade. As demonstrated in the chart below, 95.5% of the total portfolio consists of investments rated "A" or higher. As of March 31, 2024, the portfolio experienced a slight increase in this rating of 1.2% from December 31, 2023.

Chart 2 - Investment Ratings



The City's portfolio remains highly rated, liquid, and diversified; it is well-positioned to withstand today's medium-term economic uncertainties. Recent economic data has shown above trend growth fueled by consumer spending and a continuing healthy US job market. Inflationary trends moderated from their highs, but core levels remain above the Federal Reserve's (Fed) target. The Fed Funds target rate ended the fiscal quarter unchanged in the range of 5.25-5.50%. The March Summary of Economic Projections (SEP) showed stronger real GDP growth outlook and higher core inflation projections for 2024 on resilient labor market and consumer data. The median projection for Federal Funds rate by calendar year-end remained the same at 4.625%, implying three (3) 0.25% cuts. Over the third quarter of FY 2023-24, US Treasury yields rose across the curve on higher inflation and a more hawkish Federal Reserve. Given the cumulative effects of restrictive monetary policy and tighter financial conditions, market participants believe the economy will gradually soften, and the Fed will loosen monetary policy in calendar year 2024.

Local Agency Investment Funds (LAIF)

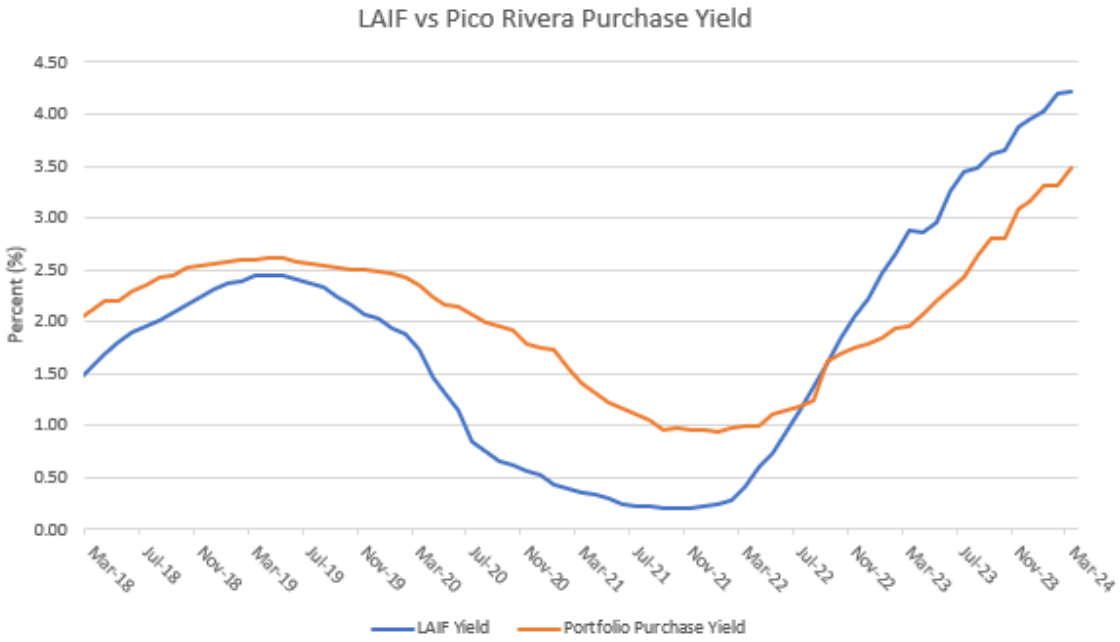
The Pico Rivera Pooled Investment Portfolio is invested in LAIF to manage liquidity. The LAIF December 31, 2023, market value represents a total of $56,134,280, and the March 31, 2024, market value of $56,735,105. The increase of $600 thousand in the balance compared to the previous quarter was primarily due to the interest allocation and an increase in market value. The LAIF Quarterly Performance report for March 31, 2024, shows that the apportionment rate is now at 4.30%, and the quarterly yield has risen to 4.12%. These figures represent an increase from the previous quarter's rates of 4.00% and 3.81%, respectively.

The City participates in the State of California LAIF portfolio program. The program consists of local agencies participating in a large portfolio to invest using the State Treasurer's Office for investments at no additional cost to the taxpayer. The Local Investment Advisory Board (LIAB) provides oversight for LAIF.

LAIF administrative costs are minimal and assessed quarterly. The Government Code states administrative costs are not to exceed 5% of the quarterly earnings of the fund. The characteristics of the LAIF portfolio reflect minimal credit risk with safety in investing in high-quality securities. LAIF funds are protected by statute and are not borrowable.

The comparison of LAIF to the City's portfolio managed by Chandler as shown in Graph 1, on the next page, highlights the differences in investment security types and portfolio duration. Whereas LAIF takes on a more conservative approach and focuses on securities with shorter average maturity, LAIF, and Chandler follow similar investment guidelines for safety, liquidity, and return.

Graph 1 – LAIF and CAM from March 2018 through March 2024



Staff has continuously monitored the City's investment portfolio and performance on an ongoing basis. As shown in Graph 1 above, the yield of the Chandler-managed portfolio has historically outperformed the yield experienced from our LAIF portfolio until September 2022. This stems from LAIF having a shorter weighted-average maturity than the Chandler-managed portfolio, so it responds more quickly to the rises and falls in market yields. The Chandler-managed portfolio yield rates are locked in for an extended period through the reinvestment and purchase of longer-duration securities. During the third quarter of this fiscal year, the Chandler-managed portfolio reinvested $4.4 million of investment income and maturing securities at an average purchase yield of 4.88%.

Commercial Bank of California Insured Sweep Account

As part of the staff's commitment to the City's stated objectives of safety, liquidity, and yield, staff continuously researches alternative investment opportunities to enhance the City's investment portfolio. Given the Federal Reserve's recent interest rate hikes, staff explored various options to diversify the City's investment portfolio aiming for greater flexibility in managing future interest fluctuations. Following this research, the City has established an ICS account with its banking partner, CBC. This new investment account aligns with the City's commitment to prioritizing safety by mitigating credit risk and reinforcing safety through placing operational funds in short-term securities. The new account also enhances the City's liquidity, providing same-day liquidity to meet its short-term obligations and capitalizing on the current interest rates, safeguarding our long-term investments. With the City Council's approval, staff transferred $10.0 million from the

LAIF account to CBC to establish the ICS account in August 2023. The ICS account, as of March 31, 2024, had an ending balance of $26,898,208, compared to the December 31, 2023, ending balance of $20,715,864 million. The increase of $6.2 million in balance compared to the previous quarter is primarily related to net transfers from the City's operating bank account with CBC to ICS. Most of the transfers were attributed to revenues from property tax of $3.9 million, revenues from the Redevelopment Property Tax Trust Fund of $1.1 million, and $0.9 million for the LA County Safe Clean Water grant.

Monthly Investment Transaction Report
Per the City's Investment Policy approved by the City Council on August 1, 2023, the City Treasurer submits a monthly investment transaction report to the City Council within 45 days of the end of the reporting period in accordance with California Government Code Section 53607.

The monthly investment transactions summary updates the City Council on the City's monthly transactions of the City's investment portfolio for the month ending March 31, 2024. The statements enclosed include transactions of the City's investments with LAIF, Chandler, and Commercial Bank of California (Enclosures 2, 3, and 4).

Conclusion:

All investments are maintained in accordance with California Government Code Section 53601 and the City's investment policy approved by the City Council on August 1, 2023. The City Treasurer/Director of Administrative Services certifies that the funds are invested to provide sufficient cash flow for a period of six (6) months. Staff recommends receiving and filing the Treasurer's Report for the quarter ending March 31, 2024, which represents balances and activities for the second quarter (January through March) of the 2023-24 fiscal year and the Treasurer's Monthly Investment Transaction Report as of March 31, 2024.

Steve Carmona

SC:AG:KL:MP:LL:ep

Enclosures:
1) Treasurer's Report for the Second Quarter Ending March 31, 2024.
2) LAIF Statement for the Month Ending March 31, 2024.
3) Chandler Asset Management Transaction Ledger for the Month Ending March 31, 2024.
4) Commercial Bank of California Insured Cash Sweep Statement for the Month Ending March 31, 2024.

CITY OF PICO RIVERA
TREASURER'S REPORT
3RD QTR JAN 2024 - MAR 2024

TYPE OF INVESTMENT	Interest Rate	Issuer	Reporting Date	Investment Income	Ending Balance	Source of Market Valuation
Local Agency Investment Fund (LAIF)	4.30	LAIF	3/31/2024	609,742.46	**56,735,104.77**	LAIF Statements
Commercial Bank of California (CBC) Demand Deposits	0.05	CBC	3/31/2024	109.61	**5,959,998.72**	CBC Statements
CBC Insured Cash Sweep (ICS) Account	4.25	CBC	3/31/2024	282,317.63	**26,898,207.76**	CBC ICS Statement
Chandler Investments*	3.49	Chandler Investments	3/31/2024	230,733.00	**32,485,175.29**	Chandler Portfolio Summary
TOTAL CASH & INVESTMENTS: Exclude Water Fund 550		**TOTAL CASH & INVESTMENTS:**		$ 1,122,902.70	**$ 122,078,486.54**	
Revenue Bonds, 1999 Bond Fund Water Authority	122073-001	US Bank	3/31/2024	207.15	30,402.39	US Bank/RECON Statements
Revenue Bonds, 1999 Bond Fund Water Authority	122073-002	US Bank	3/31/2024	1,186.44	187,458.35	US Bank/RECON Statements
Revenue Bonds, 1999 Bond Fund Water Authority	122073-003	US Bank	3/31/2024	10,469.24	1,090,833.44	US Bank/RECON Statements
Revenue Bonds, 1999 Water Rate Stabilization	122073-011	US Bank	3/31/2024	7,392.66	600,000.02	US Bank/RECON Statements
Revenue Bonds, 2021 Tax Allocation Refunding Bonds	245558-000	US Bank	3/31/2024	-	-	US Bank/RECON Statements
Revenue Bonds, 2021 Tax Allocation Refunding Bonds	245558-001	US Bank	3/31/2024	0.85	71.11	US Bank/RECON Statements
Revenue Bonds, 2021 Tax Allocation Refunding Bonds	245558-002	US Bank	3/31/2024	40.36	3,402.36	US Bank/RECON Statements
Revenue Bonds, 2021 Tax Allocation Refunding Bonds	245558-003	US Bank	3/31/2024	-	-	US Bank/RECON Statements
Revenue Bonds, 2021 Tax Allocation Refunding Bonds	245558-004	US Bank	3/31/2024	-	-	US Bank/RECON Statements
TOTAL FISCAL AGENT (TRUSTEE) INVESTMENTS		**TOTAL (TRUSTEE) INVESTMENTS:**		$ 19,296.70	**$ 1,912,167.67**	
		TOTAL CASH & TRUSTEE INVESTMENTS:		$ 1,142,199.40	**$ 123,990,654.21**	
				Dividends	Ending Balance	
2018 COPS	**130877**	Wilmington Trust	3/31/2024	62,516.70	5,088,183.96	Wilmington Trust Statement
		TOTAL 2018 COPS:		$ 62,516.70	**$ 5,088,183.96**	
ENTERPRISE FUNDS				Interest earned	Ending Balance	
River City Bank (PRIME)		RIVER CITY BANK ICS Account	3/31/2024	126,584.57	13,917,481.89	River City Bank
River City Bank (PRIME)		RIVER CITY BANK Operating Account	3/31/2024	-	1,860,302.13	River City Bank
		TOTAL River City Bank:		$ 126,584.57	**$ 15,777,784.02**	

* Average Purchase Yield: The average yield on an investment or a portfolio is the sum of all interest, dividends, or other income that the investment generates, divided by the age of the investment or the length of time the investor has held it.

I certify that this investment portfolio is in conformity with the Investment Policy of the City of Pico Rivera. The investment Program provides sufficient liquidity to meet a minimum of the next six month's estimated expenditures.

Kenneth Louie
Interim Administrative Services Director and City Treasurer, City of Pico Rivera

MALIA M. COHEN

California State Controller

LOCAL AGENCY INVESTMENT FUND
REMITTANCE ADVICE

Agency Name	PICO RIVERA
Account Number	98-19-653

As of 04/15/2024, your Local Agency Investment Fund account has been directly credited with the interest earned on your deposits for the quarter ending 03/31/2024.

Earnings Ratio		.00011755619077389
Interest Rate		4.30%
Dollar Day Total	$	4,245,635,902.84
Quarter End Principal Balance	$	46,711,488.92
Quarterly Interest Earned	$	499,100.78

MALIA M. COHEN

California State Controller

LOCAL AGENCY INVESTMENT FUND
REMITTANCE ADVICE

Agency Name	CITY OF PICO RIVERA
Account Number	19-19-007

As of 04/15/2024, your Local Agency Investment Fund account has been directly credited with the interest earned on your deposits for the quarter ending 03/31/2024.

Earnings Ratio		.00011755619077389
Interest Rate		4.30%
Dollar Day Total	$	941,181,202.49
Quarter End Principal Balance	$	10,355,100.43
Quarterly Interest Earned	$	110,641.68

City of Pico Rivera Portfolio
Chandler Investment Transactions
March 2024

Transaction Date	Tran Category	Tran Type Description	Security Description	Quantity	Price	Principal	Interest	Total Amount	Total Amount
3/1/2024	Acquisitions	Purchase	First American Govt Obligation Fund Class Y	$4,266.50	1.00000	4,266.50	-	4,266.50	4,266.50
3/8/2024	Acquisitions	Purchase	First American Govt Obligation Fund Class Y	$4,156.25	1.00000	4,156.25	-	4,156.25	4,156.25
3/8/2024	Acquisitions	Purchase	First American Govt Obligation Fund Class Y	$350,000.00	1.00000	350,000.00	-	350,000.00	350,000.00
3/17/2024	Acquisitions	Purchase	First American Govt Obligation Fund Class Y	$341.25	1.00000	341.25	-	341.25	341.25
3/18/2024	Acquisitions	Purchase	FHLMC K083 A2	$230,000.00	0.97941	225,265.23	439.88	225,705.11	225,705.11
3/18/2024	Acquisitions	Purchase	US Treasury Note	$450,000.00	0.99086	445,886.72	8,099.39	453,986.11	453,986.11
3/18/2024	Acquisitions	Purchase	First American Govt Obligation Fund Class Y	$395,000.00	1.00000	395,000.00	-	395,000.00	395,000.00
3/18/2024	Acquisitions	Purchase	US Treasury Note	$450,000.00	0.98688	444,093.75	1,582.42	445,676.17	445,676.17
3/18/2024	Acquisitions	Purchase	State Street Bank Callable Note Cont 2/18/2027	$370,000.00	1.00000	370,000.00	-	370,000.00	370,000.00
3/18/2024	Acquisitions	Purchase	First American Govt Obligation Fund Class Y	$1,481.25	1.00000	1,481.25	-	1,481.25	1,481.25
3/19/2024	Acquisitions	Purchase	First American Govt Obligation Fund Class Y	$300,000.00	1.00000	300,000.00	-	300,000.00	300,000.00
3/19/2024	Acquisitions	Purchase	First American Govt Obligation Fund Class Y	$3,750.00	1.00000	3,750.00	-	3,750.00	3,750.00
3/22/2024	Acquisitions	Purchase	First American Govt Obligation Fund Class Y	$48,860.37	1.00000	48,860.37	-	48,860.37	48,860.37
3/25/2024	Acquisitions	Purchase	FHLMC K746 A2	$420,000.00	0.89609	376,359.38	568.68	376,928.06	376,928.06
3/31/2024	Acquisitions	Purchase	First American Govt Obligation Fund Class Y	$37,984.38	1.00000	37,984.38	-	37,984.38	37,984.38
3/18/2024	Acquisitions	Short Sale	First American Govt Obligation Fund Class Y	($595,705.11)	1.00000	(595,705.11)	-	(595,705.11)	(595,705.11)
3/18/2024	Acquisitions	Short Sale	First American Govt Obligation Fund Class Y	($899,662.28)	1.00000	(899,662.28)	-	(899,662.28)	(899,662.28)
3/15/2024	Dispositions	Call	JP Morgan Chase & Co Callable Note 2X 3/1/2024	$265,000.00	1.00000	265,000.00	-	265,000.00	(265,000.00)
3/8/2024	Dispositions	Maturity	FHLB Note	$350,000.00	1.00000	350,000.00	-	350,000.00	(350,000.00)
3/11/2024	Dispositions	Maturity	Toronto Dominion Bank Note	$265,000.00	1.00000	265,000.00	-	265,000.00	(265,000.00)
3/18/2024	Dispositions	Maturity	Charles Schwab Corp Callable Note Cont 2/18/2024	$395,000.00	1.00000	395,000.00	-	395,000.00	(395,000.00)
3/19/2024	Dispositions	Maturity	Intl. Bank Recon & Development Note	$300,000.00	1.00000	300,000.00	-	300,000.00	(300,000.00)
3/22/2024	Dispositions	Sale	US Treasury Note	$50,000.00	0.97449	48,724.61	135.76	48,860.37	(48,860.37)
3/25/2024	Dispositions	Sale	First American Govt Obligation Fund Class Y	$376,928.06	1.00000	376,928.06	-	376,928.06	(376,928.06)
3/1/2024	Other Transactions	Interest	JP Morgan Chase & Co Callable Note 2X 3/1/2024	$265,000.00	-	4,266.50	-	4,266.50	4,266.50
3/8/2024	Other Transactions	Interest	FHLB Note	$350,000.00	-	4,156.25	-	4,156.25	4,156.25
3/9/2024	Other Transactions	Interest	Wal-Mart Stores Note	$70,000.00	-	1,365.00	-	1,365.00	1,365.00
3/9/2024	Other Transactions	Interest	MasterCard Inc Callable Note Cont 2/9/28	$400,000.00	-	9,750.00	-	9,750.00	9,750.00
3/10/2024	Other Transactions	Interest	FHLB Note	$425,000.00	-	9,562.50	-	9,562.50	9,562.50
3/11/2024	Other Transactions	Interest	Toronto Dominion Bank Note	$265,000.00	-	4,306.25	-	4,306.25	4,306.25
3/15/2024	Other Transactions	Interest	Home Depot Callable Note Cont 8/15/2025	$470,000.00	-	9,400.00	-	9,400.00	9,400.00
3/17/2024	Other Transactions	Interest	Wal-Mart Stores Callable Note Cont 08/17/2026	$65,000.00	-	341.25	-	341.25	341.25
3/18/2024	Other Transactions	Interest	Charles Schwab Corp Callable Note Cont 2/18/2024	$395,000.00	-	1,481.25	-	1,481.25	1,481.25
3/19/2024	Other Transactions	Interest	Intl. Bank Recon & Development Note	$300,000.00	-	3,750.00	-	3,750.00	3,750.00
3/23/2024	Other Transactions	Interest	Inter-American Dev Bank Note	$420,000.00	-	1,050.00	-	1,050.00	1,050.00
3/31/2024	Other Transactions	Interest	US Treasury Note	$700,000.00	-	1,750.00	-	1,750.00	1,750.00
3/31/2024	Other Transactions	Interest	US Treasury Note	$1,000,000.00	-	12,500.00	-	12,500.00	12,500.00
3/31/2024	Other Transactions	Interest	US Treasury Note	$875,000.00	-	18,046.88	-	18,046.88	18,046.88
3/31/2024	Other Transactions	Interest	US Treasury Note	$700,000.00	-	5,687.50	-	5,687.50	5,687.50
	Changes of Market Values and Accrued Interests								**390,606.99**
	Net Investment Transactions								**$ -**
	Beginning Balance as of 2/29/2024								**$ 32,350,076.28**
	Ending Balance as of 3/31/2024								**$ 32,350,076.28**

Enclosure 4

Commercial Bank of California
19752 MacArthur Blvd.
Suite 100
Irvine, CA 92612

COMMERCIAL BANK OF CALIFORNIA

RETURN SERVICE REQUESTED

124233-29A
CITY OF PICO RIVERA
6615 PASSIONS BLVD
PICO RIVERA, CA 90660

Contact Us
(714) 431-7000

Account
CITY OF PICO RIVERA

Date
03/31/2024

Page
1 of 5

IntraFi Cash Service℠, or ICS®, Monthly Statement

The following information is a summary of activity in your account(s) for the month of March 2024 and the list of FDIC-insured institution(s) that hold your deposits as of the date indicated. These deposits have been placed by us, as your agent and custodian, in deposit accounts through IntraFi Cash Service. Funds in your deposit accounts at the FDIC-insured institutions at which your funds have been placed will be "deposits," as defined by federal law.

Summary of Accounts

Account ID	Deposit Option	Interest Rate	Opening Balance	Ending Balance
*********354	Savings	4.25%	$29,198,635.86	$26,898,207.76
TOTAL			**$29,198,635.86**	**$26,898,207.76**

17d

IntraFi and ICS are registered service marks, and IntraFi Cash Service is a service mark, of IntraFi Network LLC.

Member FDIC

DETAILED ACCOUNT OVERVIEW

Account ID: **********354
Account Title: CITY OF PICO RIVERA

Account Summary - Savings

Statement Period	3/1-3/31/2024	Average Daily Balance	$27,537,339.07
Previous Period Ending Balance	$29,198,635.86	Interest Rate at End of Statement Period	4.25%
Total Program Deposits	600,008.43	Annual Percentage Yield Earned	4.34%
Total Program Withdrawals	(3,000,000.00)	YTD Interest Paid	282,317.63
Interest Capitalized	99,563.47		
Current Period Ending Balance	**$26,898,207.76**		

Account Transaction Detail

Date	Activity Type	Amount	Balance
03/04/2024	Deposit	$8.43	$29,198,644.29
03/07/2024	Withdrawal	(1,000,000.00)	28,198,644.29
03/14/2024	Withdrawal	(1,000,000.00)	27,198,644.29
03/21/2024	Withdrawal	(1,000,000.00)	26,198,644.29
03/28/2024	Deposit	600,000.00	26,798,644.29
03/29/2024	Interest Capitalization	99,563.47	26,898,207.76

Summary of Balances as of March 31, 2024

FDIC-Insured Institution	City/State	FDIC Cert No.	Balance
Alpine Bank	Glenwood Springs, CO	23091	$247,893.12
Ameris Bank	Atlanta, GA	20504	247,893.12
Anderson Brothers Bank	Mullins, SC	9923	247,893.12
Axos Bank	San Diego, CA	35546	778.06
BOKF, National Association	Tulsa, OK	4214	247,893.12
BTC Bank	Bethany, MO	10618	247,893.12
Banc of California	Los Angeles, CA	24045	247,893.12
Bank Iowa	West Des Moines, IA	14521	247,893.12
Bank of Marin	Novato, CA	32779	247,887.95
Bank of Washington	Washington, MO	12627	247,893.12
BankUnited	Miami Lakes, FL	58979	247,893.12
Bankers Trust Company	Des Moines, IA	953	179.10
Bankwell Bank	New Canaan, CT	57368	247,893.12
Benchmark Bank	Plano, TX	19215	247,893.12
Bremer Bank, National Association	South St. Paul, MN	12923	247,869.04
Byline Bank	Chicago, IL	20624	278.57
CASS COMMERCIAL BANK	Des Peres, MO	1068	247,869.03
CNB Bank	Clearfield, PA	13876	247,893.12
CalPrivate Bank	Coronado, CA	58291	247,893.12
Capitol Bank	Madison, WI	34074	247,893.12
Citizens Bank of Philadelphia, MS	Philadelphia, MS	12204	247,870.42

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Member FDIC

DETAILED ACCOUNT OVERVIEW

Account ID: **********354
Account Title: CITY OF PICO RIVERA

Summary of Balances as of March 31, 2024

FDIC-Insured Institution	City/State	FDIC Cert No.	Balance
City National Bank of Florida	Miami, FL	20234	247,893.12
Coastal Carolina National Bank	Myrtle Beach, SC	58864	247,893.12
Coastal Community Bank	Everett, WA	34403	247,893.12
Customers Bank	Malvern, PA	34444	247,893.12
D. L. Evans Bank	Burley, ID	11666	247,893.12
Dime Community Bank	Hauppauge, NY	6976	247,893.12
Dogwood State Bank	Raleigh, NC	57095	247,893.12
EagleBank	Silver Spring, MD	34742	247,893.12
East West Bank	Pasadena, CA	31628	247,893.12
Eastern Bank	Boston, MA	32773	247,893.12
Enterprise Bank & Trust	Clayton, MO	27237	122,860.25
FFB Bank	Fresno, CA	58090	549.36
Farmers State Bank	Waterloo, IA	12855	247,888.71
First American Bank	Artesia, NM	2240	247,893.12
First Commerce Bank	Lewisburg, TN	57465	247,886.96
First Financial Northwest Bank	Renton, WA	29058	247,893.12
First Horizon Bank	MEMPHIS, TN	4977	247,893.12
First Resource Bank	Exton, PA	57967	247,893.12
First State Community Bank	Farmington, MO	17323	247,771.33
First-Citizens Bank & Trust Company	Raleigh, NC	11063	247,893.12
FirstBank	Nashville, TN	8663	247,893.12
Five Points Bank	Grand Island, NE	20488	247,893.12
Five Star Bank	Roseville, CA	35361	247,893.12
Flushing Bank	Uniondale, NY	58564	247,893.12
Franklin Bank & Trust Company	Franklin, KY	17937	247,893.12
Fulton Bank, N.A.	Lancaster, PA	7551	247,893.12
German American Bank	Jasper, IN	17393	753.98
Glens Falls Natl Bank and Trust Co	Glens Falls, NY	7074	247,893.12
Grand Savings Bank	Grove, OK	32084	247,893.12
Great Southern Bank	Reeds Spring, MO	29546	247,893.12
Hancock Whitney Bank	Gulfport, MS	12441	247,893.12
Hanmi Bank	Los Angeles, CA	24170	247,893.12
HarborOne Bank	Brockton, MA	59070	247,288.17
Heritage Bank of Commerce	San Jose, CA	33905	247,475.50
HomeTrust Bank	Asheville, NC	27677	247,893.12
INB	Springfield, IL	3664	247,691.64
International Finance Bank	Miami, FL	24823	247,893.12
Israel Discount Bank of New York	New York City, NY	19977	247,893.12
Leader Bank, National Association	Arlington, MA	57134	247,893.12

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Member FDIC

DETAILED ACCOUNT OVERVIEW

Account ID: *********354
Account Title: CITY OF PICO RIVERA

Summary of Balances as of March 31, 2024

FDIC-Insured Institution	City/State	FDIC Cert No.	Balance
Liberty National Bank	Lawton, OK	11522	576.58
Live Oak Banking Company	Wilmington, NC	58665	247,893.12
MVB Bank, Inc	Fairmont, WV	34603	247,893.12
MainStreet Bank	Fairfax, VA	57742	247,893.12
MapleMark Bank	Dallas, TX	3182	247,893.12
Mascoma Bank	Lebanon, NH	18013	247,893.12
Mercantile Bank	Grand Rapids, MI	34598	247,893.12
Merchants Bank of Indiana	Carmel, IN	8056	247,893.12
MidFirst Bank	Oklahoma City, OK	4063	247,893.12
MidWestOne Bank	Iowa City, IA	14843	247,867.00
NBT Bank, National Association	Norwich, NY	7230	247,893.12
NexBank	Dallas, TX	29209	247,893.12
Old National Bank	Evansville, IN	3832	247,893.12
Origin Bank	Ruston, LA	12614	247,893.12
Park National Bank	Newark, OH	6653	247,893.12
Petefish, Skiles & Co.	Virginia, IL	10829	403.74
Pinnacle Bank	Nashville, TN	35583	247,893.12
Popular Bank	New York, NY	34967	247,893.12
Raymond James Bank	St. Petersburg, FL	33893	247,893.12
Republic Bank & Trust Company	Louisville, KY	23627	247,870.91
SMBC MANUBANK	Los Angeles, CA	18618	247,893.12
Salem Five Cents Savings Bank	Salem, MA	23296	247,893.12
Sandy Spring Bank	Olney, MD	4865	247,893.12
Santa Cruz County Bank	Watsonville, CA	57591	247,893.12
Sauk Valley Bank & Trust Company	Sterling, IL	35131	247,893.12
ServisFirst Bank	Birmingham, AL	57993	247,893.12
Shore United Bank, N.A.	Easton, MD	4832	247,893.12
SmartBank	Pigeon Forge, TN	58463	247,893.12
South State Bank, N.A.	Winter Haven, FL	33555	247,893.12
SouthPoint Bank	Birmingham, AL	58088	247,893.12
Susser Bank	Arlington, TX	34885	247,893.12
Synovus Bank	Columbus, GA	873	247,893.12
TBK Bank, SSB	Dallas, TX	23498	247,893.12
Texas Bank and Trust Company	Longview, TX	17842	247,893.12
TexasBank	Brownwood, TX	19559	247,893.12
The American National Bank of Texas	Terrell, TX	23474	247,893.12
The Bank of Tampa	Tampa, FL	21031	247,893.12
The Central Trust Bank	Jefferson City, MO	12633	247,765.19
The First National Bank of Hereford	Hereford, TX	34918	201.94

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Member FDIC

DETAILED ACCOUNT OVERVIEW

Account ID: **********354
Account Title: CITY OF PICO RIVERA

Summary of Balances as of March 31, 2024

FDIC-Insured Institution	City/State	FDIC Cert No.	Balance
The First National Bank of McGregor	Mcgregor, TX	3330	247,893.12
The Huntington National Bank	Columbus, OH	6560	247,893.12
The Park Bank	Madison, WI	19608	247,893.12
The Washington Trust Company of Westerly	Westerly, RI	23623	247,893.12
Third Coast Bank	Humble, TX	58716	247,893.12
TowneBank	Portsmouth, VA	35095	247,893.12
Traditions Bank	York, PA	57377	247,871.44
Triad Business Bank	Greensboro, NC	59188	476.17
Truist Bank	Charlotte, NC	9846	247,893.12
U.S. Bank National Association	Cincinnati, OH	6548	247,893.12
Union Bank & Trust	Lincoln, NE	13421	150.33
United Bank	Fairfax, VA	22858	247,893.12
United Community Bank	Blairsville, GA	16889	247,893.12
Valley National Bank	Wayne, NJ	9396	247,893.12
VeraBank	Henderson, TX	3250	247,893.12
Veritex Community Bank	Dallas, TX	57665	247,893.12
Waterford Bank, N.A.	Toledo, OH	58433	173.11
WestStar Bank	El Paso, TX	32941	247,893.12
Western Alliance Bank	Phoenix, AZ	57512	247,893.12
Winter Park National Bank	Winter Park, FL	59105	247,893.12
Zions Bancorporation, N. A.	Salt Lake City, UT	2270	247,893.12

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Member FDIC

CITY COUNCIL AGENDA REPORT

To: Mayor and City Council

From: City Manager

Meeting Date: April 9, 2024

Subject: ADOPTION OF THE HISTORIC WHITTIER BOULEVARD MULTIMODAL REVITALIZATION PLAN

Recommendations:

1. Approve the Historic Whittier Boulevard Multimodal Revitalization Plan which will serve as the formal transportation and circulation element of the Historic Whittier Boulevard Specific Plan.

Fiscal Impact:

There is no fiscal impact to the General Fund resulting from this recommended action. Development of this plan was funded by a Caltrans grant award in the amount of $332,000 (Account No. 699.11.1110-54500-NonCIP .4687) in the amended fiscal year (FY) 2022-2023 Budget.

Background:

The California Department of Transportation (Caltrans) issued a competitive call for grant proposals for their FY 2021-22 Sustainable Transportation Planning Grant Program in February 2021. A statewide total of 169 grant applications were received with requests totaling nearly $55 million. A total of 59 applications were selected for the award representing a total of $21.5 million. Only five (5) applicants in Caltrans District 7 were awarded a grant. In June 2021, the City, in partnership with its co-applicant CivicWell, was awarded a $322,000 grant from the Caltrans Sustainable Transportation Planning Grant Program to develop the Historic Whittier Boulevard Multimodal Revitalization Plan (the " Multimodal Plan"). The other awardees included LA Metro, the City of Los Angeles, Culver City, and the City of Covina.

The Plan strives to:

- Provide safe streets for all users;
- Employ environmental design;
- Ensure connectivity and accessibility;
- Encourage placemaking; and

- Integrate with future planning in the corridor and City.

The project area includes the entire stretch of Whittier Boulevard from the City of Montebello to the west and the City of Whittier to the east. In most cases, the project area includes at least one (1) block north and one (1) block south of Whittier Boulevard. It also includes the Durfee Avenue corridor from Beverly Boulevard on the north to Jackson Avenue/Passons Boulevard on the south.

The City partnered with CivicWell (formerly the Local Government Commission) to assist with project management and conduct public outreach. Day One, a local non-profit with over 30 years of experience in youth advocacy, community engagement and coalition building was later brought on to support community outreach, and to oversee the development and implementation of the Pico Rivera Youth Ambassadors, a program focused on providing local students with hands-on experience and educational opportunities within the sphere of urban planning and design, public policy, civil engineering, and public administration. MIG, Inc. was selected through a competitive bid process as the consultant team responsible for technical analysis, documentation mapping, graphic design content, evaluation of alternatives, and plan development.

Furthermore, the city faces numerous unfunded State mandates that necessitate action to comply with state laws and associated goals. The following is only a subset of significant State laws requiring compliance and or meaningful actions to advance stated goals:

Bill	Year	Description
AB 32	2006	Requires California to reduce greenhouse gas emissions to 1990 levels by 2020.
AB 1358	2008	Requires cities to plan a multimodal transportation network that meets the needs of all road users.
SB 743	2013	Updates on how transportation impacts are measured (LOS to VMT) in California for new development projects, allowing more options to drive less.
SB 932	2022	Requires cities to include a high injury network map in their General Plans; identify/prioritize safety improvements that mitigate bicycle, pedestrian, and other human-powered transportation injuries and fatalities.
AB 2097	2023	Prohibits public agencies from imposing minimum automobile parking requirement on any residential, commercial, or other development project located within $^1/_2$ mile of public transit.
AB 413	2023	Creates a 20-foot setback for car parking from marked and unmarked crosswalks. The extra visibility will help prevent collisions between drivers and pedestrians.

Discussion:

The Multimodal Plan is part of a holistic urban planning and public policy approach that articulates a vision for a revitalized Whittier Boulevard and serves as a comprehensive guiding document that addresses the near and long-term transportation and mobility needs of the Pico Rivera community under one unifying vision. The plan presents policies

and strategies that meet and exceed State goals pertaining to complete streets, GHG emissions, VMT reductions, and a multimodal future.

The City employed a creative, yet robust public participation and collaborative framework to ensure inclusivity and equitable outcomes for residents, businesses, and stakeholders. A Stakeholder Advisory Group was assembled to help identify and address important sensitivities regarding existing conditions, history, and needs. Members of the Stakeholder Advisory Group helped determine strategies for engaging all segments of the community and maximizing participation at public events, as well as opportunities for coordination and synergy with other community initiatives and planning activities impacting the community. Throughout the project performance period, the City conducted over 75 events and engaged with over 6,000 stakeholders and community members.

Additionally, the City convened a Technical Advisory Committee (TAC) to provide project technical guidance that informed the content of the Multimodal Plan. MIG Inc. analyzed and documented baseline conditions for land use, multimodal access, connectivity and traffic safety and operations, coordinated with the TAC and the Stakeholder Advisory Group, and actively participated in community engagement activities. MIG Inc. leveraged these opportunities to complement the technical analysis.

Key Findings
Through the existing conditions and corridor analysis, MIG Inc. identified a few major trends and characteristics that stand out in relation to the needs and opportunities to update the mobility network in Pico Rivera, specifically along Whittier Boulevard.

Key findings are summarized below:

- Sixty percent of traffic on Whittier Boulevard does not stop or start in the city. The current design encourages higher traffic volumes, which accelerates road deterioration. Traffic today can be accommodated with fewer travel lanes while maintaining consistency with corridor conditions in the cities of Montebello and Whittier.
- Census tract 5004.02, which is in the 93rd percentile of disadvantaged communities based on exposure to measured pollution such as ozone, particulate matter, lead, and more. A lack of trees and open spaces exacerbates the heat island effect, impacting the climate resiliency and public health outcomes.
- Large surface parking lots within the study area are currently underutilized with an occupancy rate ranging from 40-75%, which presents an opportunity to explore shared-use parking agreements as a method to supply and better manage parking.

Multimodal Plan Goals
The Multimodal Plan addresses the challenges identified during the existing conditions analysis and responds to input from residents, stakeholders, and responsible agencies, to provide a strategic framework that defines long-term mobility and infrastructure direction and investments in anticipation of growth locally and regionally. The goals that

govern the policies, actions, and recommendations detailed in the Multimodal Plan are as follows:

Phase Implementation and Early Action Projects
The Multimodal Plan includes a wide range of recommended projects and a phased implementation strategy that coincides with public grant cycles. The implementation strategy also aims to leverage community benefit agreements, public/private partnerships, and creative tax increment financing (TIF) mechanisms resulting from new development opportunities that are enabled by the Historic Whittier Boulevard Specific Plan (currently in development). The full list of projects and phased implementation strategy can be found in the final Multimodal Plan (Enclosure 1).

To initiate transformation along Whittier Boulevard, the Plan identifies various early action projects that are cost effective, relatively simple to implement, comply with State law and policies, provide substantial community benefits, and advance the city's Strategic Plan. These projects also focus on placemaking as a concerted effort to establish a formal business district and new destination in the subregion. Examples of early action projects include safety enhancements, beautification, and landscaping such as shade trees, decorative lighting and signage, art and murals, high-visibility crosswalks, painted curb extensions, dedicated walking paths, added parking, new parks, and more. The following list of early action projects are subject to further design, available funding, and staff capacity.

Phase 1 Projects: 1-2 Years		
ID	**Project**	**Project Description**
1	Los Paseos - Phase 1	Targeted beautification improvements including shade trees, landscaping, decorative lighting, murals and art, and facade improvements
2	Facade Improvement Program	Small business grant program to improve facades (Whittier Blvd., Durfee Ave, and Los Paseos) and corridor aesthetic
3	Los Paseos Mural Program	Partnership with professional and local artists to paint murals
4	Los Paseos Parking/Plaza #1 (4944 Lindsey Ave) - Phase 1	Targeted beautification improvements including shade trees, landscaping, decorative lighting, murals and art, and furniture; introduce flexible uses for community events
5	Los Paseos Parking/Plaza #2 (4940 Deland Ave) - Phase 1	
6	IDEA Lab - Phase 1	Facade improvements and interior remodel
7	Electrical Art Box Program - Phase 2	Continuation of Phase 1 program; installation of local artist murals
8	PAD Park - Phase 1	Demolition of existing structures, grading, and turf planting
9	High-Visibility Crosswalks	Update crosswalks with high-visibility decorative treatments
10	Painted Curb Extensions	Decorative painted curb extensions and movable barriers at key locations including at intersection of Lindsey Ave./Whittier Blvd.
11	Durfee Ave. /Jackson St. Redesign	Angled parking and sidewalk widening; potential for public improvement contribution from redevelopment project
12	San Gabriel Pl. Redesign	Installation of angled parking and center median with landscaping and shade trees
13	Pio Pico State Historic Park Trail Connector	Multi-use trail connection between the San Gabriel River Bike Path and Pio Pico State Historic Park
14	Parklet Design Implementation Plan	Develop design guidelines for the implementation of parklets, treelets, and other micro-park spaces
15	Branding, Signage, and Furniture Improvements	Implementation of the Branding, Signage, and Furniture Master Plan

*Project cost estimates included in Enclosure 1 – Historic Whittier Boulevard Multimodal Revitalization Plan

Conclusion:

Staff recommends adopting the Historic Whittier Boulevard Multimodal Revitalization Plan and the identified early action projects. City staff will work to incorporate the identified early action projects into the future Capital Improvement Plan (CIP) for Council consideration and approval.

Steve Carmona

SC:AG:JH:jg:smc

Enclosures: 1) Historic Whittier Boulevard Multimodal Revitalization Plan

Pico Rivera
HISTORIC WHITTIER BLVD

HISTORIC WHITTIER BLVD
MULTIMODAL PLAN

Final Plan
Proposed Adoption: 23 April 2024

MIG With CivicWell, Fehr & Peers, EPS, DayOne, & JMD

Caltrans

City of Pico Rivera, California

Letter from the City Manager

Dear Residents of Pico Rivera,

I am delighted to introduce the Historic Whittier Boulevard (HWB) Multimodal Plan, a transformative guiding document that lays the foundation for an accessible, sustainable, and vibrant future along Historic Whittier Boulevard in our beloved city. As the City Manager of Pico Rivera, I am thrilled to share the extensive efforts and collaborative input that have culminated in this forward-thinking plan. The HWB Multimodal Plan represents a comprehensive approach to addressing the transportation and mobility needs of our community, both in the near and long term. It is not merely a static document but a dynamic framework that will evolve and adapt to changes in technology, policy environments, industry best practices, and most importantly, community priorities. This plan embodies our commitment to safer streets, reducing air pollution, , and embracing a multimodal future for residents of all abilities.

One of the most remarkable aspects of this plan is the level of public outreach and community engagement that has shaped its development. From the onset, we recognized the importance of involving our residents, businesses, stakeholders, and regional partners in the decision-making process. Over the course of numerous events, workshops, charrettes, and virtual meetings, we have engaged with over 6,000 stakeholders and community members. Your invaluable feedback has been instrumental in designing a future that reflects the desires and aspirations of our community.

The HWB Multimodal Plan will serve as a vital tool for city decision-makers, providing essential guidance for budgeting, capital projects, programs, and development proposals. It will also empower our residents, property owners, and businesses to understand and actively contribute to our collective vision for this corridor and key policies for achieving our shared goals. This plan encompasses a wide range of elements aimed at enhancing safety, promoting economic development, fostering environmental sustainability, and improving the overall quality of life along Historic Whittier Boulevard. From concept designs and streetscape guidelines to parking recommendations and public-private partnership elements, every aspect has been meticulously crafted to create a vibrant and inclusive corridor. The Plan also features design elements for Los Paseos de Historic Whittier Boulevard, which has been identified as an early action project. Furthermore, the HWB Multimodal Plan is not an isolated endeavor but aligns seamlessly with our broader community revitalization efforts outlined in the Pico Rivera 2035: Community Revitalization Program. It represents one of the first steps in our citywide program designed to stimulate holistic, smart, equitable, and sustained long-term development and growth.

As we embark on this journey toward a more connected, resilient, and thriving Pico Rivera, I extend my heartfelt gratitude to everyone that contributed to the shaping of this transformative plan. Your dedication, enthusiasm, and unwavering commitment to our community are truly commendable. Together, let us continue to build a future that we can all be proud of—a future where Historic Whittier Boulevard serves as a vibrant destination that is safe, reliable, and accessible to all members of our community.

With warm regards,

Steve Carmona
City Manager, Pico Rivera

Acknowledgments

The project team would like to thank everyone who participated in the development of this Plan, which includes everything from participating in public meetings, individual interviews, and working group meetings to reviewing and providing comments on technical materials.

The Plan recognizes the long histories of the Native Peoples and Nations that lived and stewarded the land and water that now include the City of Pico Rivera. This Plan seeks to further progress towards an inclusive and sustainable future that honors that past.

Pico Rivera City Council

Andrew C. Lara, Mayor
John R. Garcia, Mayor Pro Tem
Gustavo V. Camacho, Council Member
Dr. Monica Sanchez, Council Member
Erik Lutz, Council Member

Pico Rivera City Staff

Steve Carmona, City Manager
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CJ Davis, Visualizations
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Alfonso Ramirez, Planner

Fehr & Peers

Miguel Nunez, Principal
Marta Polovin, Transportation Planner
Karina Carranza, Transportation Engineer

Economic & Planning Systems

Jason Moody, Principal
Julie Cooper, Principal
Chinmay Damle, Economist

JMD

Juan Diaz, President

Community Groups and Others

Chamber of Commerce
Boys and Girls Club
El Rancho Unified School District
University of Southern California
SoCal Edison
City of Montebello
City of Orange
Temple City
City of Pasadena

This plan was generously funded by Caltrans through the Sustainable Communities Transportation Grant program.

Glossary of Terms and Abbreviations

- **Active Transportation:** All types of travel modes that people use by relying on their own abilities and (with the exception of walking) traveling at relatively similar speeds. Specific types of movements include: walking, bicycling, scootering, rollerblading/skating, skateboarding, and personal mobility devices such as wheelchairs. **Note: throughout the Multimodal Plan bicycling is often used as a short-hand reference for all active transportation modes.**
- **ADT:** Average Daily Traffic. The amount of vehicles that drive through a specific point.
- **BRT:** Bus Rapid Transit. A higher-quality bus-based transit system that delivers fast and efficient service that may include dedicated lanes, busways, traffic signal priority, off-board fare collection, elevated platforms and enhanced stations.
- **CEQA:** California Environmental Quality Act (1970). Requires state and local agencies within California to follow a protocol of analysis and public disclosure of environmental impacts of all proposed projects.
- **COG:** Council of Governments.
- **GC:** Gateway Cities sub-region in Los Angeles County.
- **HWB:** Historic Whittier Boulevard.
- **LOS:** Level of Service - a qualitative measure used to analyze roadways and intersections by categorizing traffic flow or congestion and assigning letter grades. No longer used by CEQA to determine transportation impacts (see VMT).
- **Multimodal:** All modes of travel that include: walking, transit, rail, cars, trucks, ride share services, personal mobility devices like electric wheelchairs, and active transportation like bicycles, scooters, rollerblades, skateboards, and others.
- **SCAG:** Southern California Association of Governments (Imperial, Los Angeles, Orange, San Bernardino, Riverside, and Ventura Counties)
- **SGV:** San Gabriel Valley sub-region in Los Angeles County.
- **Sustainability Premium:** Potential additional costs for physical elements and/or processes that could result from things like higher quality of materials, longer design process, etc.
- **VMT:** Vehicle Miles Traveled - a quantitative measure for number of miles traveled by a motor vehicle, often referenced for commute trips. Now used to measure transportation impacts under CEQA.
- **VRU:** Vulnerable Road Users - someone who is not in a motor vehicle, including children/youth, seniors, people with disabilities, pedestrians, cyclists, etc.

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1 Introduction

Plan Purpose

The Historic Whittier Boulevard (HWB) Multimodal Plan is part of a holistic urban planning and public policy approach that will articulate a vision for a revitalized Whittier Boulevard. Two documents:

1. **HWB Multimodal Plan, and**
2. **HWB Specific Plan**

are being developed concurrently to integrate and maximize the value of different disciplines (e.g., architecture, urban planning, civil engineering, etc.), which aligns with best practices. More importantly, this process represents a strategic planning approach that is community-led: to formally embrace and reflect the rich history, culture, and diversity of Pico Rivera while cultivating a people-oriented and equitable place where all community-members thrive.

Key Elements of this Chapter:

- Relationship of the two documents—1) the HWB Multimodal Plan and 2) the HWB Specific Plan—and how they will provide the specific guidelines and standards to implement the HWB vision.
- Introduction to the future vision of Whittier Boulevard
- How this plan will focus on providing a multimodal circulation strategy that supports the community's vision for the future (Pico Rivera 2035) and can better serve the future needs residents, businesses, and visitors (emerging mobility)

What is the HWB Multimodal Plan?

The HWB Multimodal Plan is a comprehensive guiding document that addresses the near- and long-term transportation and mobility needs of the Pico Rivera community under one unifying vision. The plan may be updated periodically as projects are added or completed and reflect changes in technologies, demographics, industry guidance, and community priorities. It also presents policies and strategies to not just meet, but exceed State goals pertaining to Complete Streets, Safe Routes to School, GHG emissions, VMT reductions, and a multimodal future.

The plan serves as the formal transportation/circulation element of the Specific Plan.

How will this plan be used? The plan establishes a framework for decision-making processes and collaborative opportunities with community members, regional partners, and others.

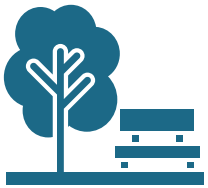
- **City Decision-Makers,** such as the City Council and Planning Commission, will use this plan to inform budgeting, capital projects, programs, and development proposals.
- **Regional Partners** will use the plan to evaluate the implementation of regional and local multimodal projects that help achieve the vision outlined in the plan.
- **Community members, property owners, and businesses** will use the plan to understand the policies and programs for achieving the community's transportation vision.

Elements of the Plan:

Recommendations for the Multimodal and Specific Plans were organized into one of the five categories below. Specific elements that can be found within the Multimodal Plan are listed below, while elements that will be found in the Specific Plan are not shown or grayed out.

New Street Designs to Improve Safety & Mobility for All Users

- Concept design for Whittier Boulevard
- Multimodal Facilities Design Guidelines



More Parks, Open Space, Trails, & Recreation Facilities

- Streetscape and landscape guidelines
- Ideal location and concepts for parklets

More Quality Jobs + Economic Growth

- Parking Recommendations
- Public-Private Partnership Elements
- Enable & support outdoor dining

Climate Resilience, Environmental Sustainability, Equitable Community

- Policies for emerging transportation technologies (ride-share, electric vehicles, etc.)
- Sustainability District
- Active community engagement

Allowable Land Uses and Building Types

- Included in the Specific Plan, not in the Multimodal Plan.

Vision

Historic Whittier Boulevard is a vibrant destination that is safe, reliable, accessible, and inclusive to all members of the community across abilities, ages, races, identities, and cultures. It is well connected to neighborhoods and regional transportation networks. New designs improve safety, public health, climate resilience, and quality of life while contributing to economic development.

◀ Typical Existing Condition for Whittier Boulevard

- Road design and wide travel lanes to prioritize moving vehicles as quickly as possible
- Vehicle scaled roadway elements (e.g., lighting)
- Lack of street trees
- Lack of placemaking, opportunities for new businesses, and business supportive amenities

Proposed Advanced Design for Whittier Boulevard ▶

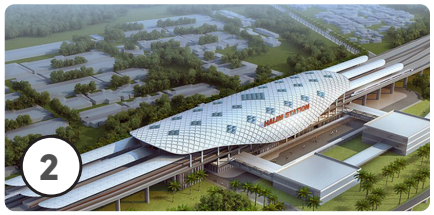
- Dedicated spaces for all modes of travel - pedestrians, active transportation, and transit
- Human-scaled urban design elements (e.g., lighting)
- New street trees and green infrastructure
- New spaces for outdoor dining and promoting business growth

Relationship to Pico Rivera 2035 (PR 2035)

In 2020, the City of Pico Rivera developed a community and economic recovery framework to proactively address major challenges introduced by COVID-19, the economic downturn, climate change, impacts from the Whittier Narrows Dam Safety Project, and multiple unfunded State and Federal mandates. After further refinement, the framework evolved into what is now the **Pico Rivera 2035: Community Revitalization Program (PR 2035)**, a modern-day renaissance designed to stimulate holistic, smart, equitable, and sustained long-term community development and economic growth. This program integrates all types of projects from community planning to individual private projects.

The Historic Whittier Boulevard (HWB) Multimodal Plan and Specific Plans are one of the first planning projects within the City that will support that Citywide Program. Generally, the Multimodal Plan follows the same approach of PR 2035 to be holistic and forward-thinking about improving a community. The Multimodal Plan also incorporates some of the specific projects that are envisioned into the recommendations of the multimodal networks.

River Master Plans

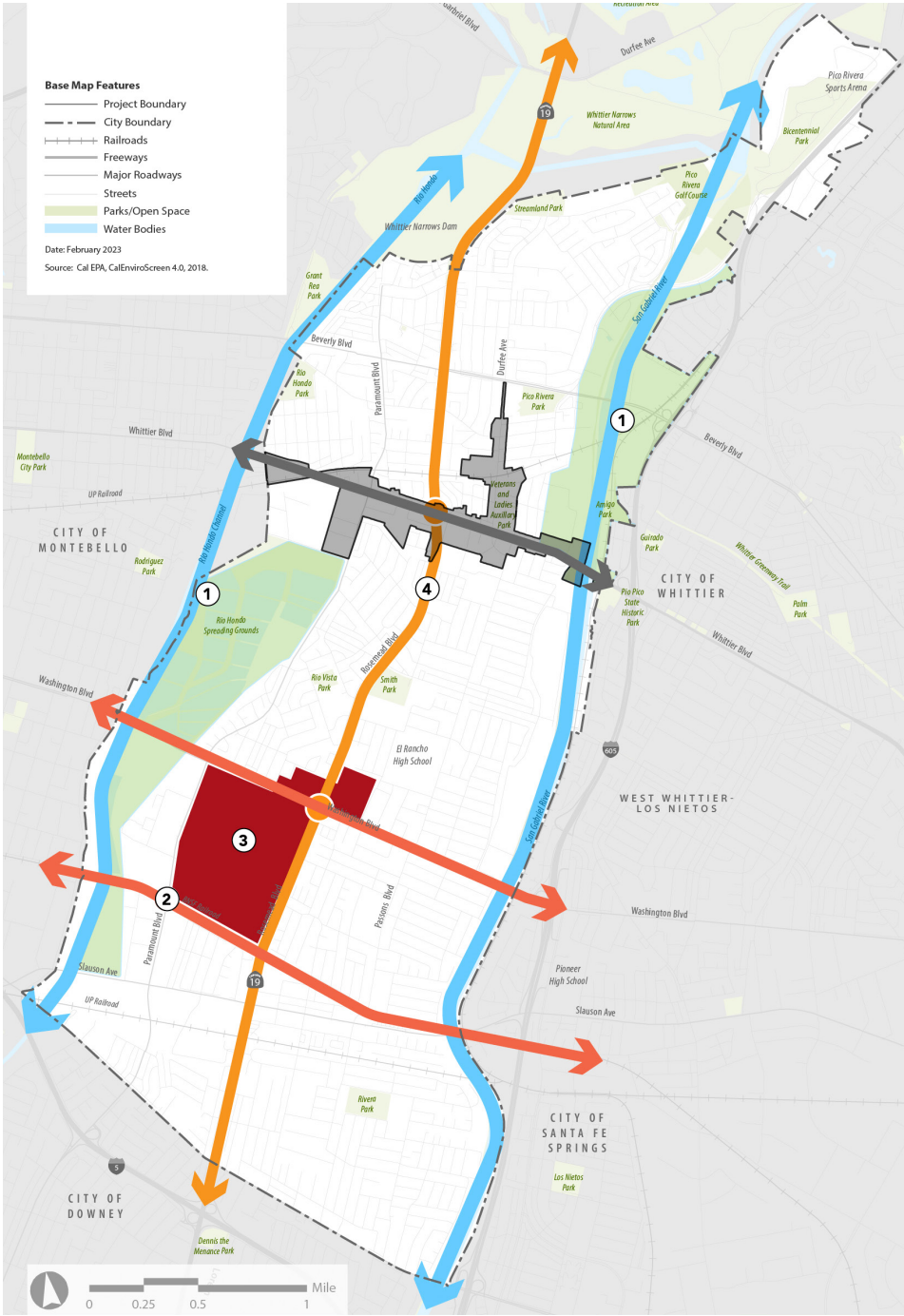


Commuter Rail Station

Downtown Specific Plan

Rosemead/Lakewood Boulevard Complete Corridor Project

Note: Images above are to designed to illustrate the intent of each project and do not represent a final decision. Each project is subject to further community engagement and input.



Emerging Mobility

A key component to the holistic and proactive approach of PR2035, and thus the Multimodal Plan, is leveraging contemporary best practices and emerging opportunities. It has been well documented across all media, academic reports, and policy analysis that the introduction of new and future technologies within transportation will have a profound effect on how people move, as well as on the character of cities and neighborhoods. These types of technologies include:

- **Electric vehicles (EVs)**
- **Autonomous vehicles (AVs)**
- **Shared mobility services (e.g., Uber, scooters, etc.)**
- **Micro transit and on-demand transit services**
- **Personal mobility devices**
- **First-last mile deliveries**
- **Smart city infrastructure and data analytics**

The City of Pico Rivera seeks to embrace this evolution of transportation as a way to best leverage benefits for its residents. This includes determining design guidelines for infrastructure updates that improve placemaking; making the City competitive for future funding opportunities; ensuring the City is prepared to apply new technologies appropriately; becoming a model for the application of new technologies to attract future investment; as well as becoming a leader in the production of new technologies to provide new economic sectors and opportunities for residents. As part of this effort, the City has already identified a future growth area in Downtown Pico Rivera for a Micro EV Nucleus Master Plan Area (shown in yellow to the right). This district would be a hub for EV technology and involve everything from the manufacturing of new transportation technologies to the implementation of physical infrastructure.

The Multimodal Plan is the first planning document in the City that considers all aspects of today's transportation technology revolution - where technologies for different modes are appropriate and how physical infrastructure should be designed to support new technologies. This Multimodal Plan will serve as a guide for the long-range and detailed planning for different areas of the city. It can also be updated based upon new information and lessons learned from the implementation of the Multimodal Plan along Whittier Boulevard and other areas of the City.

Though incorporating and leveraging emerging mobility solutions is important, technology is a complement to the physical and policy changes that provide the foundation for a safer, more equitable, and more enjoyable mobility network.

2 Engagement Summary & Process

The HWB Multimodal Plan is a community-led plan, which means the community has informed direction of the project at every stage from the existing conditions analysis to final recommendations. All the events, and the Multimodal Plan itself, support a primary goal of the project: **to educate and empower the public to actively participate throughout the decision making process.**

The overall process combined continuous engagement with the community through events such as online surveys, weekly pop-up booths at the Farmer's Market, and stakeholder events, with major week-long events called Community Design Charrettes. The first charrette took place in May to kick-off alternatives analysis, and the second charrette in October confirmed the preferred design with the community.

Key Elements of this Chapter:

- Graphic summary of all engagement events
- Representative images of engagement events and platforms
- Sample of community input
- Overview of alternatives analysis for Whittier Boulevard design

Create
a brand and energy for the project

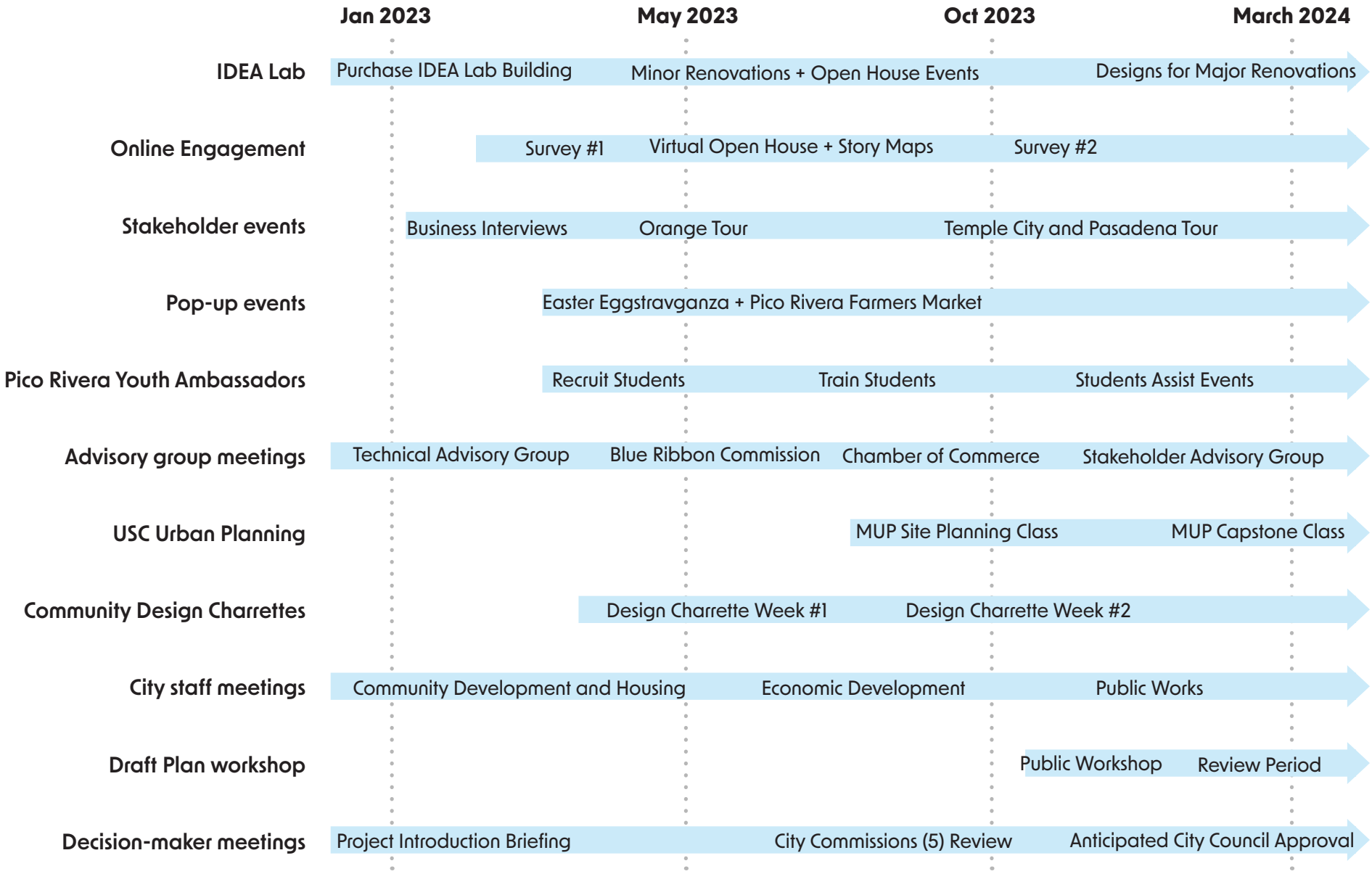
Inform
both community leaders and the public of the HWB project and planning process

Build
awareness of the project and urban planning through the networks of community leaders

Collect
input from the entire community and showcase the potential of the IDEA Lab

Community Engagement Summary

Completed over 75 events and engaged with over 6,000 stakeholders and community members



The timeline above provides a summary of the types of engagement events and when they were completed.

Community Engagement Events

Touring the IDEA Lab during project kick-off.

Stakeholder field trip to City of Orange via Metrolink.

Charrette with USC graduate students and Youth Ambassadors.

Sharing project materials in initial IDEA Lab opening.

Walk audit with Youth Ambassadors.

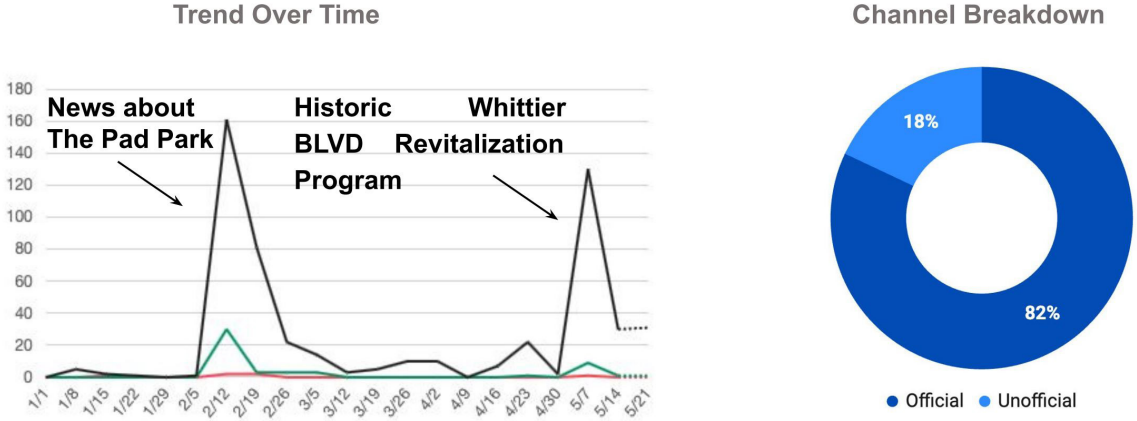
Presentation to the Chamber of Commerce at Brewjeria.

Pop-up booth at Pico Rivera Farmer's Market.

Working session at IDEA Lab with City staff and staff of local elected officials.

Open house during Community Design Charrette #1 in partially renovated IDEA Lab.

Concept design for Chase Bank block from a student from USC PPD623, in partnership with HWB planning.



Data from the number and type of respondents to the online survey that was published between May and September 2023.

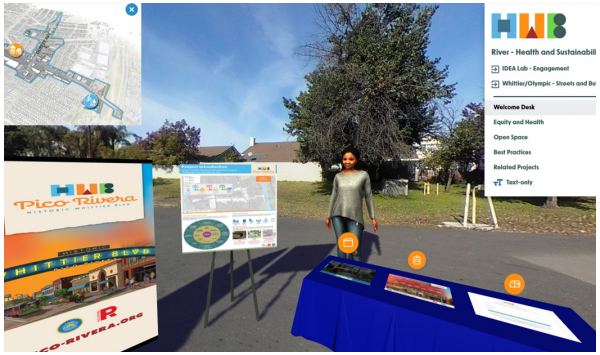
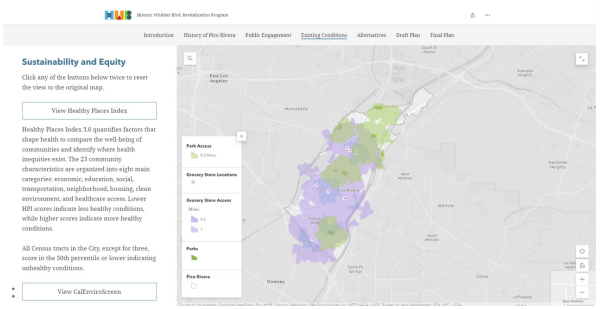
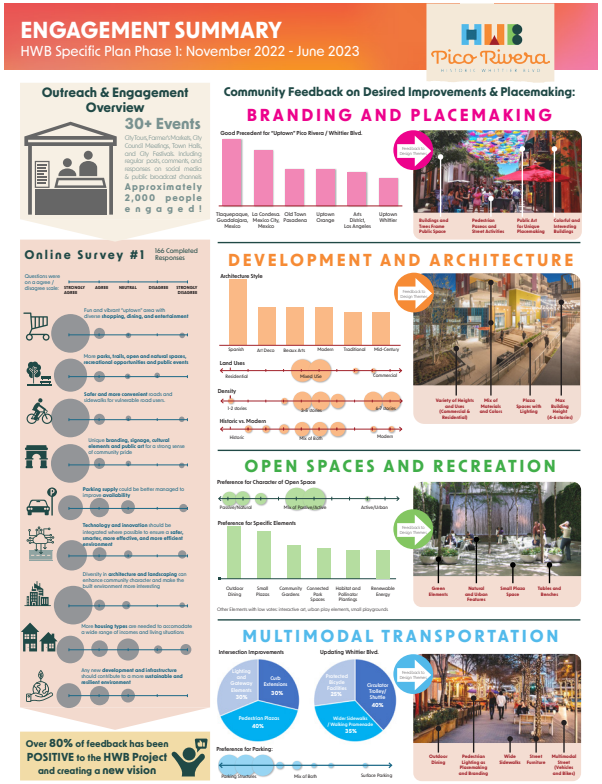
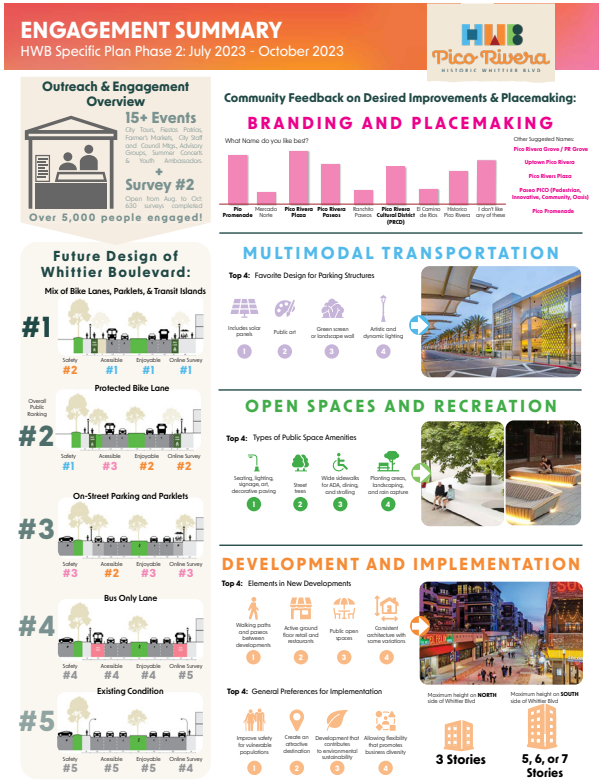


Image of the virtual open house that shares all project materials and in-person engagement events online.



Another online tool, ESRI Project Story Map, which provides information on the City, planning process, and proposed recommendations.





Examples of posters created showing how public feedback translates to alternatives exploration, precedent projects, and potential recommendations (see appendix for posters).

Alternatives Analysis

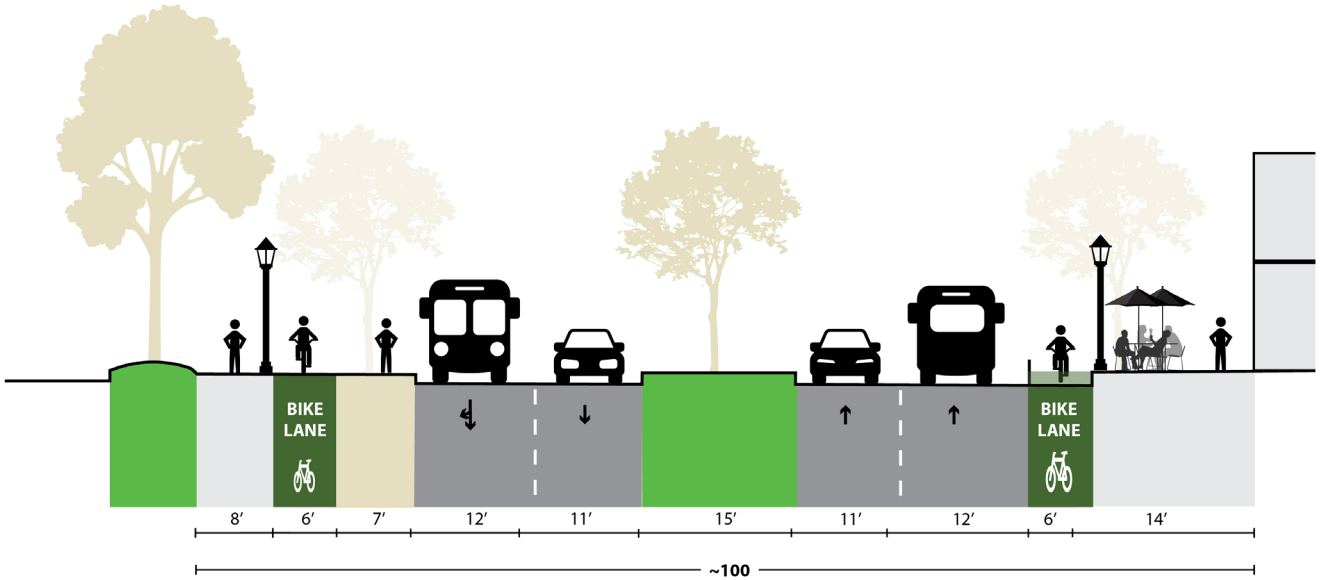
Following the existing conditions analysis and initial visioning phase with the community and stakeholders, the project team developed multiple alternative designs for Whittier Boulevard. Those alternatives were analyzed through public engagement events, quantitative metrics, and discussions with City staff and decision makers in order to arrive at a preferred updated design for Whittier Boulevard.

The alternatives shown on this and the following page were the final five alternatives that the community were asked to rank. The community was asked to pick an alternative that they thought would perform best in three categories: safety, accessibility, enjoyment. The table also provides a high-level summary of other topics that were given consideration among City staff and technical experts.

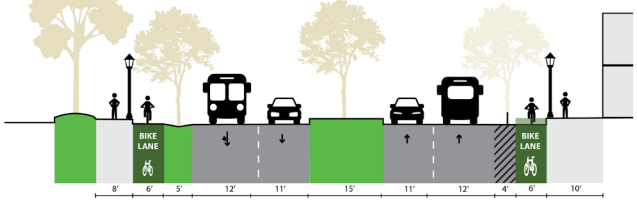
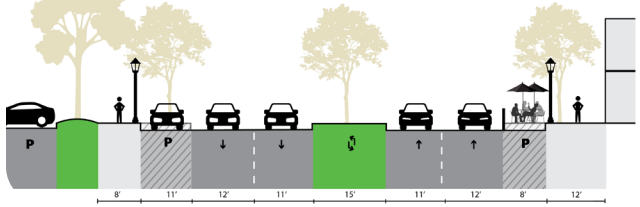
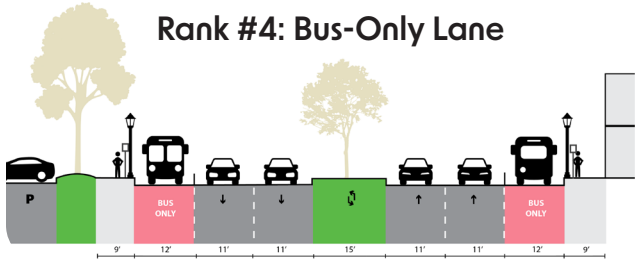
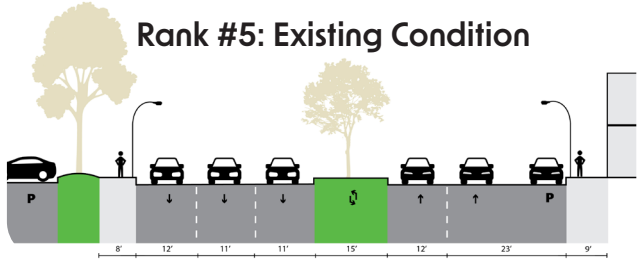
Ultimately, the preferred design is one that prioritizes pedestrian-oriented features, bicycle facilities, business benefits, and transit amenities. A protected bicycle lane was determined to be the best base condition for design, while other elements like expanded sidewalks, parklets, etc. would be included where feasible based on physical feasibility of specific locations.

Overall Ranking **#1**

Mix of Bike Lanes, Parklets, & Transit Islands



Community Feedback	Safety Benefits	Cost & Flexibility	Traffic Considerations	Funding Opportunities
Safety **#2** Accessible **#1** Enjoyable **#1**	**Highest** • Improves visibility of bike/ped • Provides protective barriers	**$$$$** • Offers incremental implementation approach. • Can experiment with lower-cost, temporary options	• Accommodates current traffic • Potential for some on-street parking to be preserved • Aligns with neighboring cities along the corridor	**Highest** • Funding sources prioritize "Complete Streets" features • Projects that prioritize safety for vulnerable road users are more competitive.

	Community Feedback	Safety Benefits	Cost & Flexibility	Traffic Considerations	Funding Opportunities
Rank #2: Protected Bike Lane 	Safety #1 Accessible #3 Enjoyable #2	**High**	**$$$** • Pilot condition can be tested with paint and bollards	• Accommodates current traffic • Encourages use of other modes (potentially reducing traffic)	**High**
Rank #3: On-Street Parking and Parklets 	Safety #3 Accessible #2 Enjoyable #3	**Medium**	**$$** • A lot of flexibility for curbside condition: parking, parklets, loading, ride share, etc.	• Accommodates current traffic • Preserves on-street parking	**Low**
Rank #4: Bus-Only Lane 	Safety #4 Accessible #4 Enjoyable #4	**Medium**	**$$** • Bus-only lane could become bike or pedestrian space if not utilized enough	• Accommodates current traffic • Would require bus-only lanes added in other cities along Whittier Boulevard	**Medium**
Rank #5: Existing Condition 	Safety #5 Accessible #5 Enjoyable #5	**Low**	**$** • Minimal Flexibility	• Provides excess capacity for current traffic, which can encourage more driving in the future	**Low**

Draft Multimodal Plan Public Workshops

Multimodal Plan Preferred Recommendations Workshop

9 December 2023:

With selection of a preferred design alternative for Whittier Boulevard, further details and related multimodal elements were advanced in order to present the full range of initial multimodal recommendations to the public for their confirmation. A Recommendations Workshop for the Draft Multimodal Plan was held on Saturday, December 9th, from 10:00 am to 12:00 pm, at the Senior Center Auditorium. A total of 50 participants attended the meeting, and the input received helped refine the early concepts. This was also an opportunity for residents to learn about the processes and technical analysis that informed the development of the plan.

Comments Shared by Community Members:

Looks more beautiful. Likes the number of trees and sidewalks at Taco Bell entrance.

Entryways are inclusive; trees make Pico look greener.

Colors on bike lanes make cars more aware of bikers and less accidents

I like the protected bikeways because I want more areas that are safe to bike and walk with my friends.

City staff presenting recommendations (top); public and youth ambassadors giving feedback (middle); youth ambassadors documenting feedback (bottom).

Multimodal Plan Public Draft Stakeholder Review Meeting

15 February 2024:

Following the workshop on December 9th, the City of Pico Rivera released the Draft Multimodal Plan for a public review period beginning on Monday, February 5th through Thursday, February 29th. The Draft Plan was featured on the City's website, and an online survey was created to support reviewers in capturing their feedback. Additionally, a Stakeholder Review Meeting was held on February 15th, from 5:00 pm to 7:00 pm, at the Senior Center Auditorium. During this meeting, representatives from City, MIG Inc., and CivicWell provided a comprehensive overview of the goals and recommendations included in the Multimodal Plan, addressed questions and concerts from participants, and captured input to inform the Final Multimodal Plan. Over 50 attendees representing the Chamber of Commerce, the Project Advisory Group, the Planning Commission, the Sister City Commission, the Parks and Recreation, the Commission Veterans Commission, City Staff, and the Pico Rivera Youth Ambassadors participated in the Stakeholder Review Meeting.

Comments Shared by Community Members:

Great! Let's do it. Will add value to our city.

Looking into the future. Very excited to see improvements on Whittier Blvd and surrounding area.

What is the average distance from new parking areas to destinations?

Where will the kids play?

City staff and Mayor presenting (top); stakeholders viewing Draft Plan presentation (middle); stakeholders providing feedback to City staff (bottom).

3 Existing Conditions

Introduction

Located south of the Whittier Narrows Dam in southeastern Los Angeles County, the City of Pico Rivera has developed into its own unique community over time, boasting a rich history and vibrant culture. Originally, the rich and abundant land along the Rio Hondo and San Gabriel Rivers attracted agricultural settlers, and the area remained primarily rural until the post-World War II housing boom. In 1958, the communities of Pico and Rivera officially merged, marking modern-day Pico Rivera.

The City and the Specific Plan area can be generally characterized today as a typical suburban community as a result of that recent history. It includes many auto-centric street designs and land uses—such as big box retailers and large surface parking lots—and the largest residential uses are detached single-family homes. Hand in hand with how Whittier Boulevard and the Specific Plan area exemplify 20th Century development patterns, the existing conditions do not currently account for future technologies and emerging trends in transportation.

Through creative streetscape design, this plan will try to redefine the existing built environment to one that prioritizes the safety of vulnerable road users while promoting a more walkable, bikeable, and transit-friendly community.

Within the existing conditions analysis, there are a few major trends and characteristics that stand out in relation to the needs and opportunities to update the mobility network with the Specif Plan Area, summarized on the following page:

Note: the Multimodal Plan references bicycles throughout the document. However, as times change, many other modes can be, and are now used, as complements to bicycling because they travel at similar "slow" speeds between walking and vehicles. These include things like: electric wheelchairs, scooters, skateboards, rollerblades, and others. Altogether, these can be referenced as active transportation, but are also grouped under "bicycles" and "bicycling" for simplicity.

Minimal pedestrian access points to shopping centers on the south side of Whittier Boulevard.

Key Findings

Overall, all the existing conditions create three primary issues related to mobility and the future of the City. When considered together, they...

1. Do not promote the highest quality of life possible.

2. Are not setup to respond to future trends and challenges.

3. Do not align with funding opportunities.

Traffic Patterns and Road Design

- **Sixty percent of traffic** on Whittier Boulevard **does not stop or start** in the city.
- Current design encourages more traffic.
- Traffic today can be accommodated in fewer travel lanes.

→ Design Whittier to serve local residents and businesses, not pass-through traffic

Safety

- Whittier Boulevard is the **2nd most dangerous roadway** in the city for crashes.
- Three percent of traffic is related to large vehicles (i.e., trucks and buses)
- Narrow sidewalks, vehicle-oriented lighting, and wide street crossings with large corner radii contribute to unsafe conditions for vulnerable users.

→ Introduce vehicle traffic calming; prioritize streets that support vulnerable users: children, seniors, pedestrians, bicyclists, and people with disabilities

Health, Equity, and Climate Change

- Census tract 5004.02 is in the **93rd percentile of disadvantaged communities,** represents pollution and population characteristic burdens Citywide
- A lack of trees and open spaces increase elements like heat island effect that reduce quality of life and worsen climate change impacts.

→ Provide shade, capture rainwater, add small open spaces that improve the environment and quality of life

Population Trends

- The city has many long-term residents and an aging population.
- Younger families have **difficulty finding housing that is available and affordable**

→ Encourage 8-80 City principles, which supports seniors and children; provide public-realm improvements that support a range of new housing types

Economic Development

- The Plan Area has many retail stores and retail jobs, but provide incomes below what is need for City housing prices; most **residents leave the City for professional jobs**
- **Large surface parking lots are underutilized**, which may be an opportunity to improve property values.

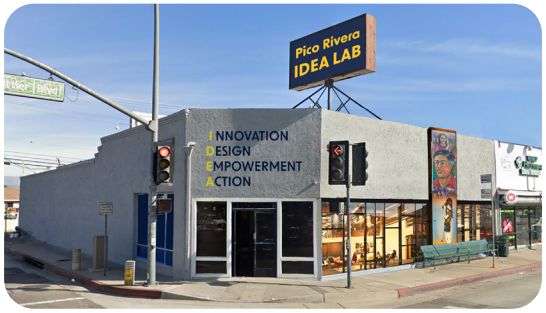
→ Design for people, not cars, as a key tool for attracting investment and creating new jobs

HWB Program

The starting point for existing conditions was coordinating with on-going planning and other ideas in the Plan Area. **The Multimodal Plan and Specific Plan are the first two projects of the HWB Program**. The following individual projects were also grouped into an overarching HWB program, so all projects would complement each other in design and implementation.

3 IDEA Lab

Turn a vacant building into an innovation studio and community empowerment lab



4 Façade Improvement Program

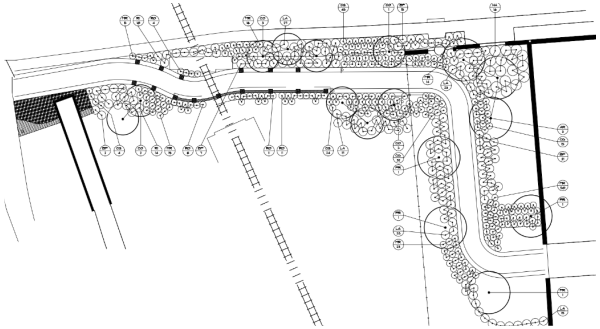
Make grants available for façade improvements.

5 Los Paseos Project

Transform alleys into pedestrian spaces.

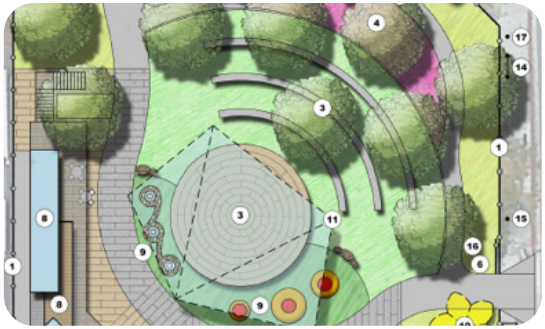
6 Pio Pico State Historic Park Trail Connector

Connect San Gabriel River bike path to Pio Pico State Park.



7 PAD Park

Create new public park at former bus depot site.



8 Utility Art Box Program

Incorporate local artists' work into community spaces.

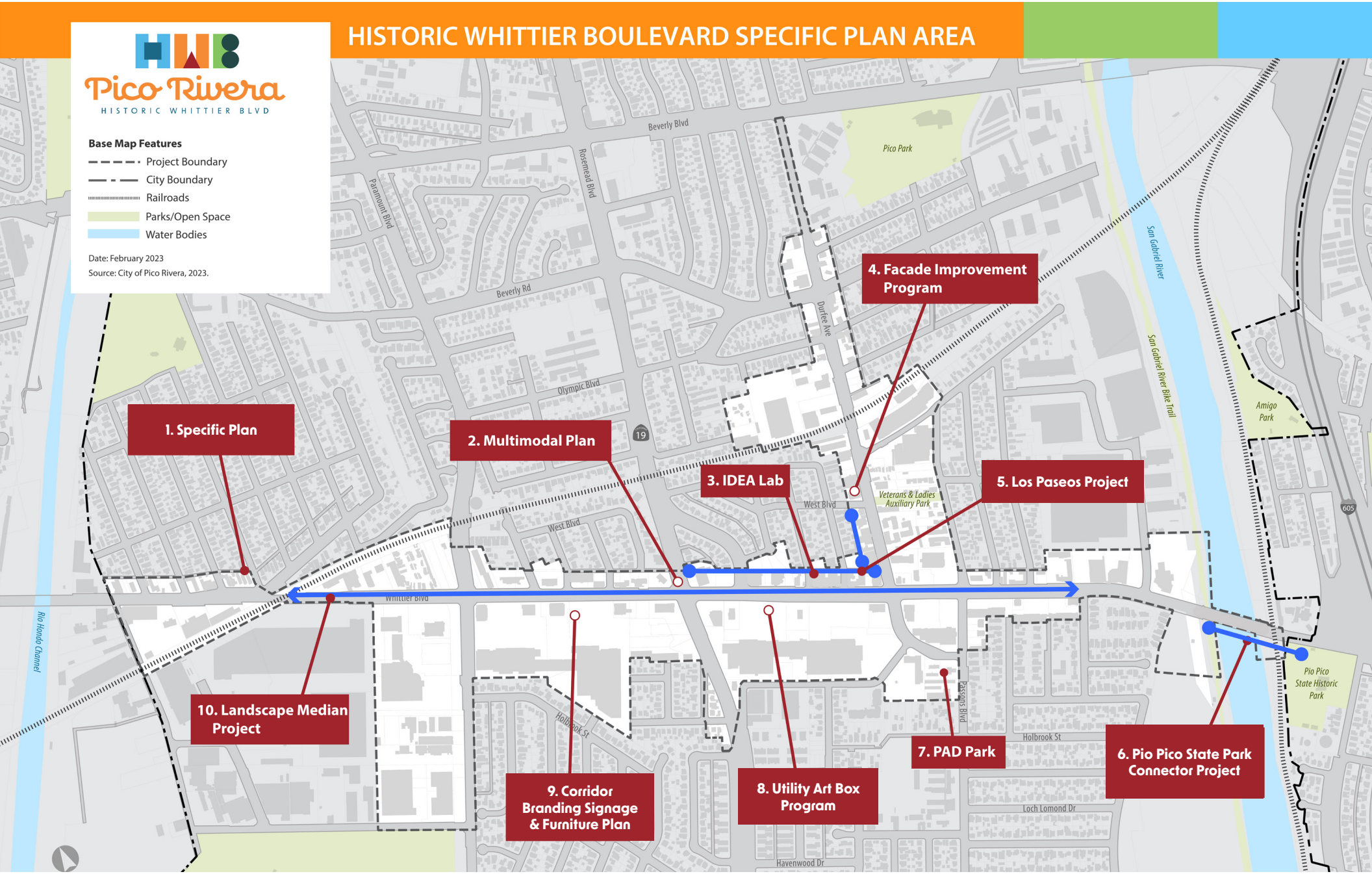
9 Corridor Branding Signage & Furniture Plan

Form organization to support business growth.

10 Landscape Median Project

New drought-tolerant landscaping (Completed 2023)

HWB Program Related and Concurrent Projects



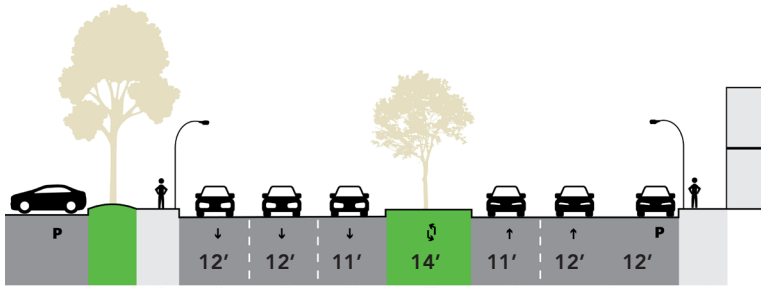
A map showing the boundaries of the Multimodal and Specific Plan Area, along with related projects.

Road Design

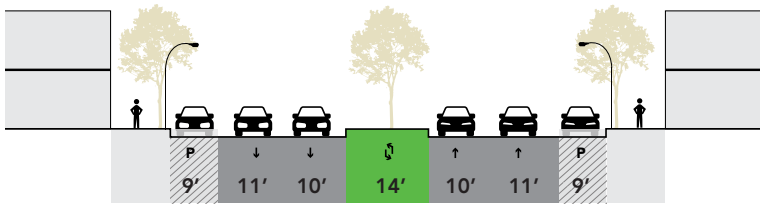
As shown to the right, there are different right-of-way widths for sidewalks and travel lanes, as well as different configurations of Whittier Boulevard as one drives from East Los Angeles, Montebello, Pico Rivera and Whittier. Whittier Boulevard in Pico Rivera between Paramount Boulevard and Gregg Road has the widest right-of-way and the most travel lanes along the corridor.

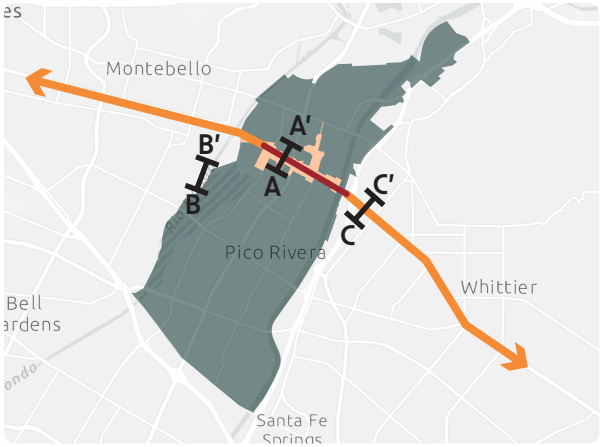
The additional travel lanes in Pico Rivera do not contribute to additional capacity along the entire corridor. Rather, the additional travel lanes in Pico Rivera contribute to concentrated traffic congestion in Pico Rivera at locations where the road design changes.

Section A-A′ - Pico Rivera

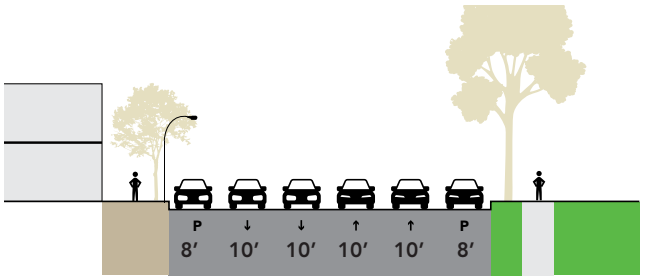


Section B-B′ - Montebello and East LA





Section C-C′ - Whittier



A map showing the location of the three sections of Whitier Boulevard in the cities of Montebello, Pico Rivera, and Whittier (above).

Parking

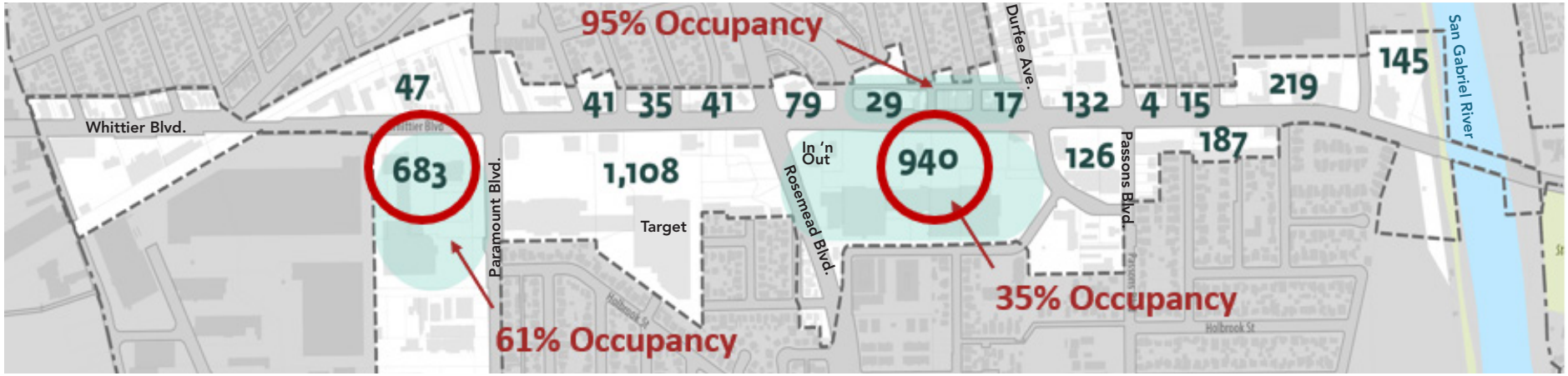
Pico Rivera is typical of every American community that utilized minimum parking requirements for each land use (e.g., each building) to calculate parking required. A simple version of the formula for parking using minimum parking requirements is:

Each use provides its own parking + **Parking needed for busiest day and time** = **Total parking supply in an area**

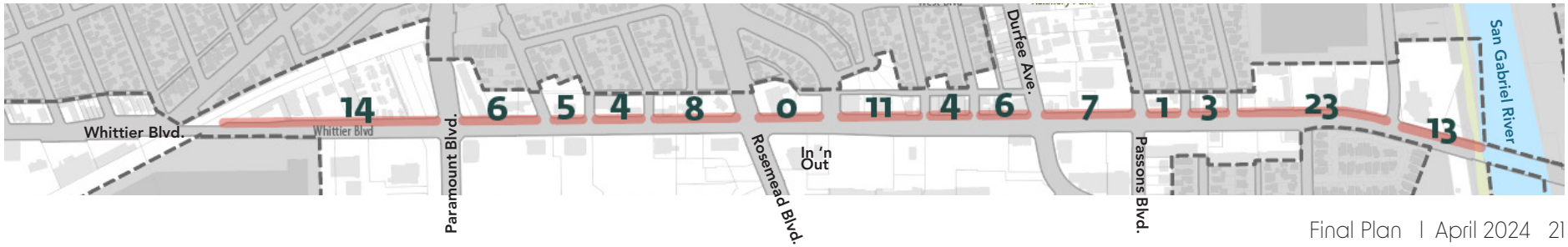
This led to the condition where it was highly unlikely that all parking spaces were fully utilized because each land use was providing enough parking for everyone, at the same time. For example, in Los Angeles County there are over 18 million parking spaces and a population of only 10 million people. There are two spaces for every resident, including children and 3.3 parking spaces for every car. **There is never an under supply of parking within an overall area, but there are specific locations where parking is always in demand.**

The maps below show the amount of parking supply and utilization rates within the plan area in 2019. An additional qualitative review of parking conditions was performed in February 2023 from 2 to 3pm. Generally, it was found there was a 40-75% occupancy within the parking lots. Altogether, there was generally ample parking available at the time of observations.

Off-street Parking Supply



On-street Parking Supply



Traffic

The Multimodal Plan reviewed traffic counts from 2019 and conducted new traffic counts along Whittier Boulevard in February 2023. The traffic counts and percent change at select locations is shown in the chart below, as well as located in the full Existing Conditions Report.

While it may anecdotally seem like traffic is increasing, it is shown to be slightly less in 2023 than 2019. Traffic congestion during peak-commute hours can account for this perception of increasing traffic.

Furthermore, the amount of traffic volumes on Whittier Boulevard varies between approximately 28,000 to 35,000 vehicles a day. The larger volumes are found closer to I-605 and generally traffic is equal heading east and west. **These daily traffic volumes can be supported by only four lanes of traffic without causing congestion.** As shown on the previous page the cities of East LA, Montebello, and Whittier all only have four travel lanes.

Additionally, the Multimodal Plan conducted an analysis of Citywide and regional traffic patterns to learn where cars driving on Whitter Boulevard were starting and stopping during their trips. This analysis found that **60% of vehicles along Whittier Boulevard do not start or stop in the City of Pico Rivera**. Furthermore, there are multiple streets (Beverly, Washington, Slauson, and Telegraph) and highways (SR-60, I-10, I-5) that travel similar east-west routes, as well as have road space to handle additional vehicle capacity.

24-Hour Vehicle Counts

Average Daily Traffic Range: 28k - 32k

Whittier Blvd / Passons Blvd

16,055 eastbound to Whittier

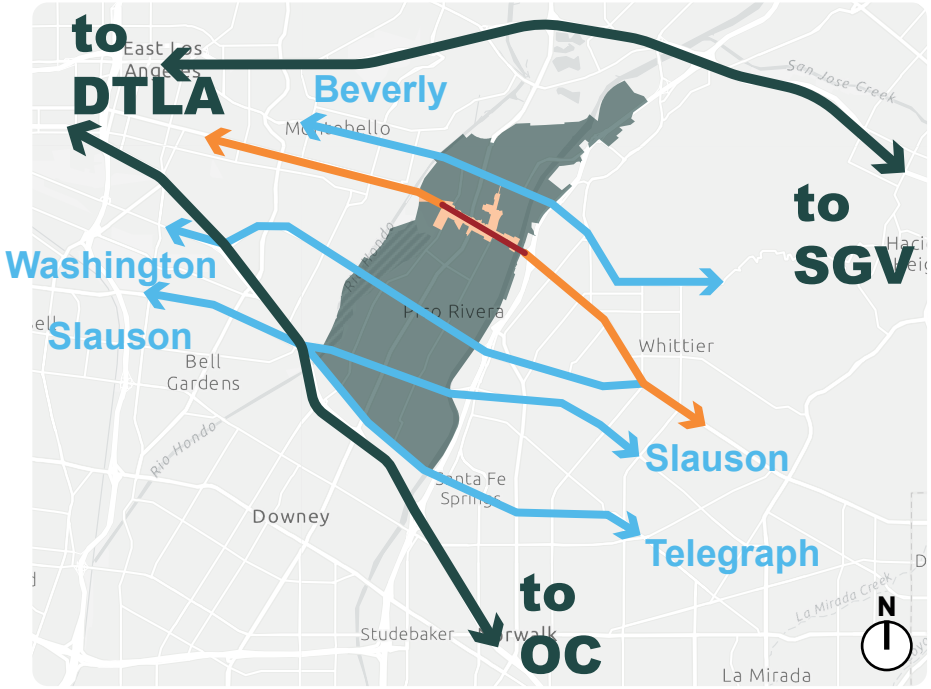
15,602 westbound to Montebello

Whittier Blvd / Lindsey Ave

14,019 eastbound to Whittier

14,026 westbound to Montebello

	2019	2023	Change
Whittier / Olympic	35,669	-	-
Whittier / Durfee	29,225	28,045	-4.2 %
Whittier / Passons	35,669	31,657	-12.7 %
Durfee	12,020		



The map above highlights the streets (blue) and highways (dark blue) that are parallel to Whittier Boulevard (orange).

Three elements below show how Whittier Boulevard **can be redesigned based on the opportunity to reduce the number of travel lanes for Whittier Boulevard in Pico Rivera without impacting traffic:**

1 Traffic Volumes

4 lanes w/ left-turn
accommodate **36,800** vehicles per day and Pico Rivera has less vehicles than that on Whittier Boulevard.

Based on Level of Service (LOS) thresholds in HCM 6th Edition:

2 Prioritizing Local Traffic

60% of vehicles along Whittier Boulevard **pass through the City**

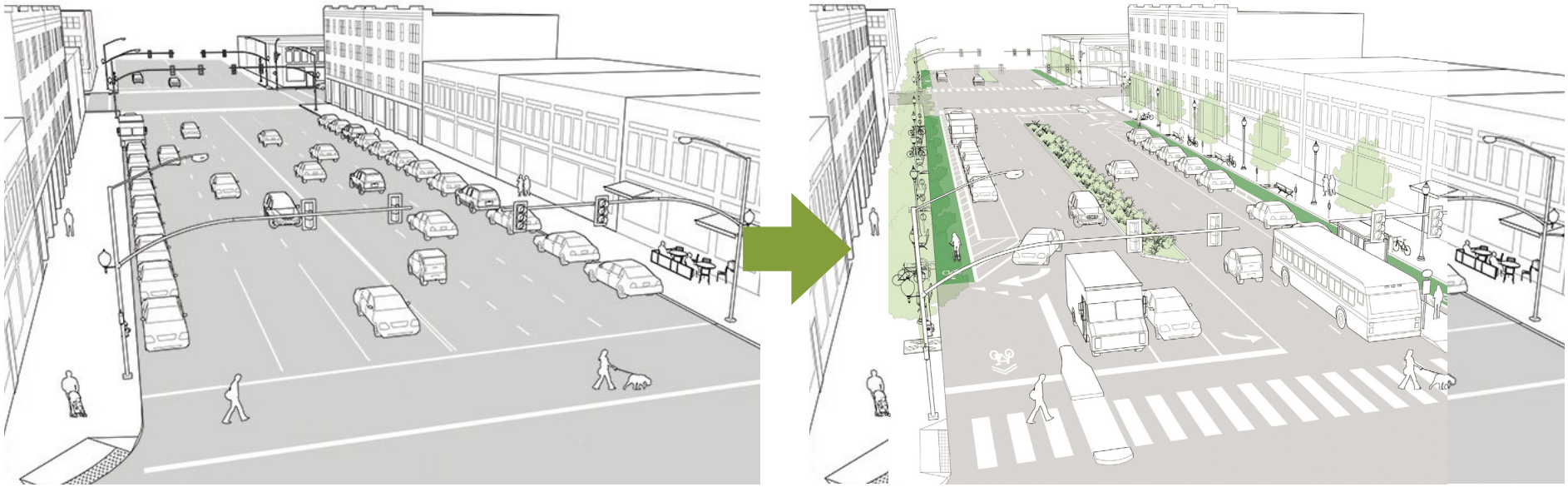
x

30k middle of the range for **average daily traffic** along Whittier Boulevard

=

18k Approximate vehicles per day actually **stopping/starting on Whittier Boulevard in Pico Rivera**

3 Best Practices in Street Design



A before-after diagram from NACTO (National Association of City Transportation Officials) shows how reducing travel lanes and making road space more clear for everyone improves traffic because everyone understands how to navigate the road better.

Population Trends

Demographic indicators reveal a slight decrease in the local population and the Trade Area since 2010. Despite this decline, there is an increase in households coupled with a decrease in household size, indicating a sustained demand for housing. Notably, the population in the city is aging, and there's a decline in the school-age population. These demographic shifts pose considerations for the community's future needs and services, especially in the context of housing and support for an aging demographic.

In 2021, the City had a median income of $78,056, which was 10 percent lower than the County's overall median income. However, within the Specific Plan Area, the median income of $58,018 is considerably lower than that of the overall City. This, combined with an aging population, contributes to a segment of the community relying on fixed and reduced incomes, resulting in decreased purchasing power. Addressing economic disparities within the city is crucial for ensuring the well-being of all residents and maintaining a diverse and resilient community.

The City's population once peaked at around 63,000 in the early 2010s but has since shifted. As of 2022, the City's population sits at 62,088, a 0.2 percent decrease compared to 2020. These subtle changes in population can be attributed to a wide range of factors such as increasing housing costs and job market fluctuations.

Employment in Pico Rivera is equally as diverse as its population, with the top employment sectors including: Manufacturing, Retail Trade, Health Care & Social Services, Transportation and Warehousing, and Education. Between 2010 and 2022, Pico Rivera experienced notable employment growth, among the various employment sectors, with a particular surge in retail and manufacturing jobs. These increases were largely due to new shopping centers, an increase in local businesses, and increased consumer spending.

Demographic Trends		Specific Plan Area	City of Pico Rivera	Trade Area	LA County
Total Population	2022	1,246	60,915	833,320	9,992,643
	% Change from 2010	-7.0%	-3.2%	-2.0%	1.8%
Total Households	2022	403	16,973	240,749	3,425,790
	% Change from 2010	1.0%	1.4%	3.3%	5.7%
Household Size	2022	3.05	3.60	3.43	2.86
	% Change from 2010	-7.9%	-4.5%	-5.2%	-4%
Housing	Housing Units	--	17,217	248,038	3,642,047
	% Owner / % Renter	--	67% / 31%	50% / 47%	47% / 53%
	Median HH Income	$58,018	$78,042	$71,689	$81,426
2022 Demographics	Average Age	--	35.1	34.9	36.7
	% Population Under 5	--	4.3%	--	5.3%
	% Population Over 65	--	14.4%	--	15.2%
	% Hispanic or Latino	--	89.9%	--	49.1%

Negative Trend/Comparison Positive Trend/Comparison

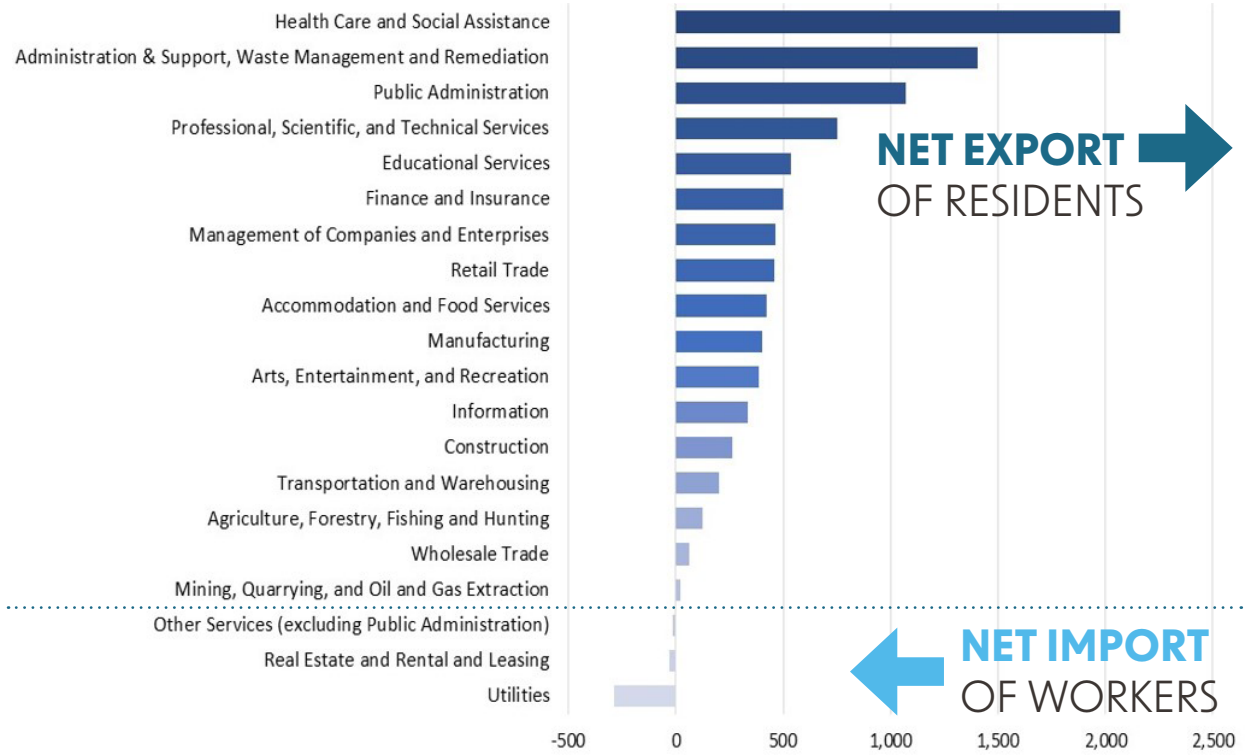
Notes: information in the table above is based on US Census data and represents data collected in 2022, unless other dates are specified. The Multimodal Plan and Specific Plan areas have the same geographic boundaries, as shown in the map on page 19.

Jobs and Commuting

Residents in Pico Rivera, like the majority of Los Angeles County, exhibit a **strong dependence on cars for both daily errands and commuting.** Commuting patterns indicate that a large portion of the population travels to various parts of Los Angeles County, particularly downtown Los Angeles and neighboring cities like Whittier and Norwalk, which demonstrates the city's location near major employment hubs, and immediate access to major highways such as the I-10 and I-405.

Residents in the city have access to some bus and shuttle services such as Metro and Dial-a-ride, as well as other private ridesharing services. However, long-distance travel is primarily facilitated by personal vehicles or carpooling, likely due to limited bus service frequency. Bus service headways during weekday peak periods are typically 1-hour.

Inflow / Outflow Job Analysis by Industry



Commuting Patterns—Employee Inflow and Outflow

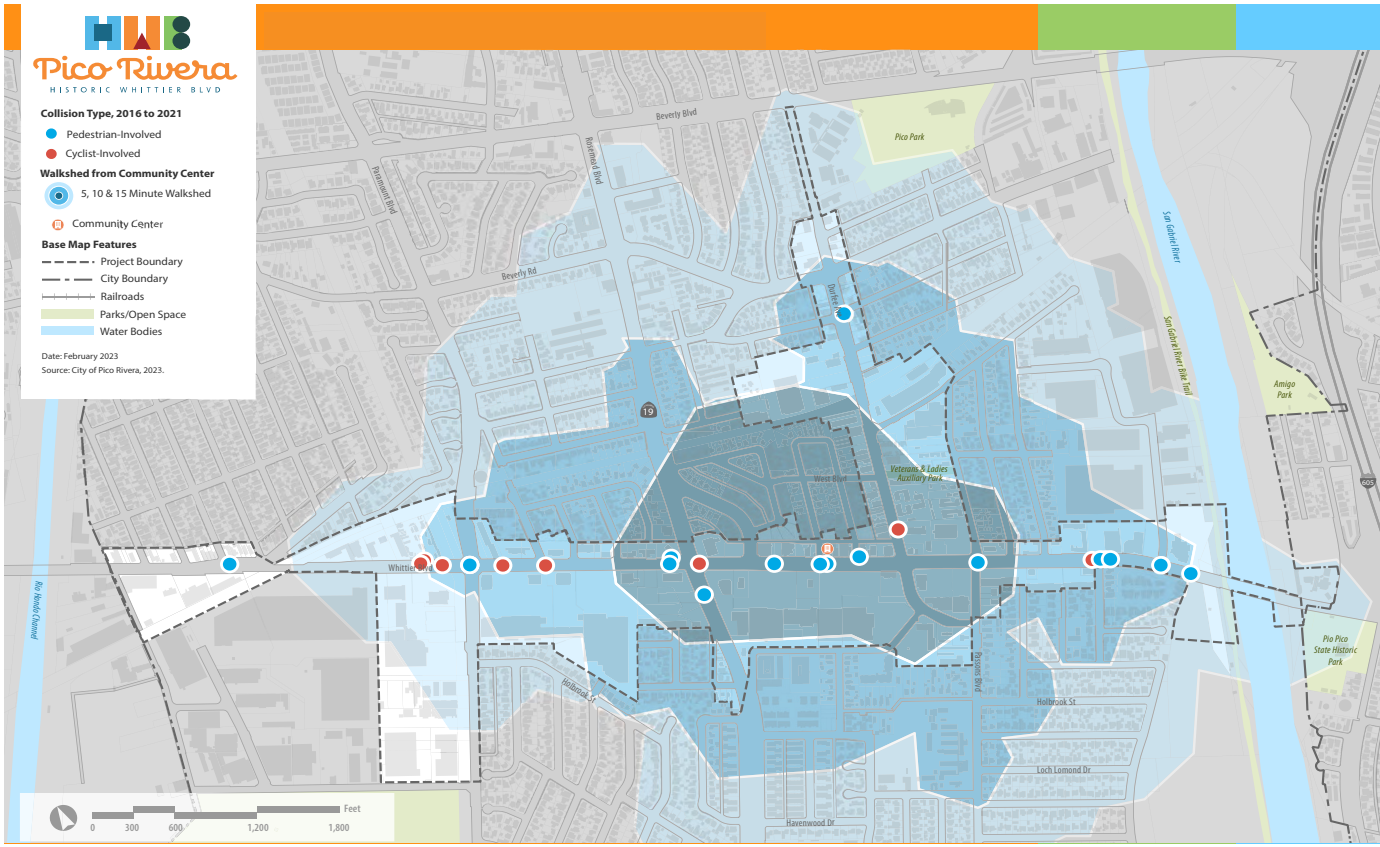
Pico Rivera has 16,294 jobs and the Plan Area contains about 10 percent of that total. The Plan Area is the second densest employment cluster in the city. However, the industries in which a majority of city residents work are underrepresented in the City's economy, such as healthcare, administration, and professional services. Residents of Pico Rivera exhibit a trend of earning higher wages than the local job market typically offers. Forty-seven percent of Pico Rivera residents make more than $40,000 in annual earnings in comparison to 44 percent of workers in Pico Rivera with the same annual earnings. **This misalignment between resident income and job market compensation reflects an industry "mismatch," with underrepresented sectors coincidentally being those that tend to be higher paying. In terms of employment dynamics, the city is experiencing a significant outflow of residents, particularly in key sectors such as healthcare, administration, and professional services.** This trend raises concerns about retaining local professionals and maintaining a skilled workforce within the city limits. The departure of residents from these critical fields shows a need for strategic initiatives aimed at creating a more attractive and supportive environment for professionals in these sectors.

Safety Conditions

The City's 2023 Local Roadway Safety Plan has identified Whittier Boulevard as a critical focus area due to its placement on the High-Injury Network, ranking among the top 10 highest-injury corridors in the city. This designation is underscored by the presence of two of the highest-injury intersections in the entire city, namely Rosemead Boulevard & Whittier Boulevard and Gregg Road & Whittier Boulevard. Data collected between 2016 and 2021 reveals a total of **126 collisions resulting in injury within the Plan Area**, emphasizing the need for targeted safety measures.

There were six fatalities on Whittier Boulevard with one occurring on Durfee Avenue—and of these fatal crashes, five of them involved pedestrians. The prevalence of pedestrian-involved crashes in the Plan Area is significantly higher than the citywide average, **constituting 83% of fatal crashes as opposed to the overall City statistic of 38%.** These statistics underscore the need for comprehensive safety interventions to mitigate risks and improve the overall safety of Whittier Boulevard and its intersections, particularly for vulnerable road users such as pedestrians.

Pedestrian & Bicycle Collisions



Pedestrian-Involved Collisions

2016-2021

5 fatalities **0** severe injuries **8** other injuries = **13** total

Bicyclist-Involved Collisions

2016-2021

0 fatalities **0** severe injuries **10** other injuries = **10** total

Severe injuries are any injuries that result in paralysis; unconsciousness; significant burns; broken extremities; skull; chest; or abdominal damage; or severe laceration.

Other injuries are any injuries (other than severe or fatal) that result in lumps on the head; abrasions; bruises; or minor lacerations.

Health, Environmental Justice, and Climate Change

According to CalEnviroScreen 4.0, all Census tracts in the Plan area, except for one, qualify under the State's definition of a Disadvantaged Community. Pollutants in the Plan Area are largely related to transportation activity, industrial uses, and lead exposure related to an older housing stock. Additionally, all Census tracts in the Plan Area have a high incidence of cardiovascular disease and low educational attainment, which are conditions that make individuals more vulnerable to pollution impacts. Furthermore, residents citywide lack access to parks and open space, which support better health outcomes. Only 52% of residents citywide live within a half-mile (or 10-minute walk) from a park.

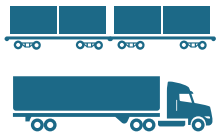
CalEnviroScreen 4.0

	Pollution and Population Characteristic Indicator Percentiles						
Census Tracts	Pollution Score	Population Score	Toxic Release Inventory	PM 2.5	Cardiovascular. Disease	Diesel PM	Low Birthrate
5004.02	87	89	84	77	88	88	86
5009	73	63	84	79	89	59	25
5007	91	71	85	85	88	52	71
5006	93	74	84	78	89	58	49

Percent of Statewide Census Tracts (higher = more polluted) Top 20% 20-40%

The Plan Area is significantly affected by and vulnerable to burdens:

Freight and Highway Network Transportation Activities



Particulate Matter (PM 2.5) over 77% for each census tract; Diesel PM over 55% for each census tract.

Historic and Current Industrial Uses

Toxic release over 85% for each census tract; Solid Waste exposure over 88% north of Whittier Blvd.

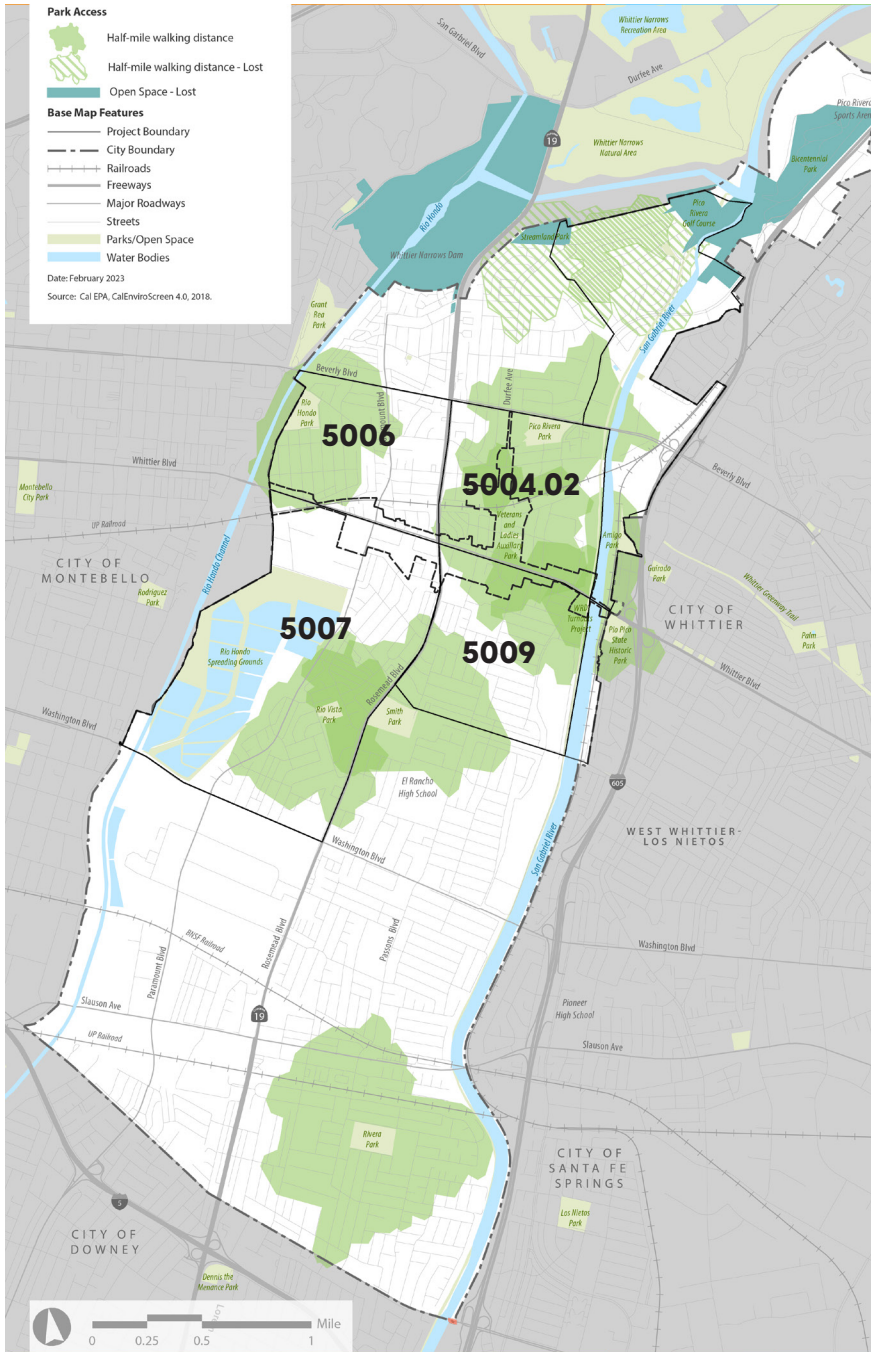
Low proportion of Active Transportation

Lower than the City of Pico Rivera.

Minimal shade From Trees

Park access and tree canopy less than the City of Pico Rivera.

Park Walkshed



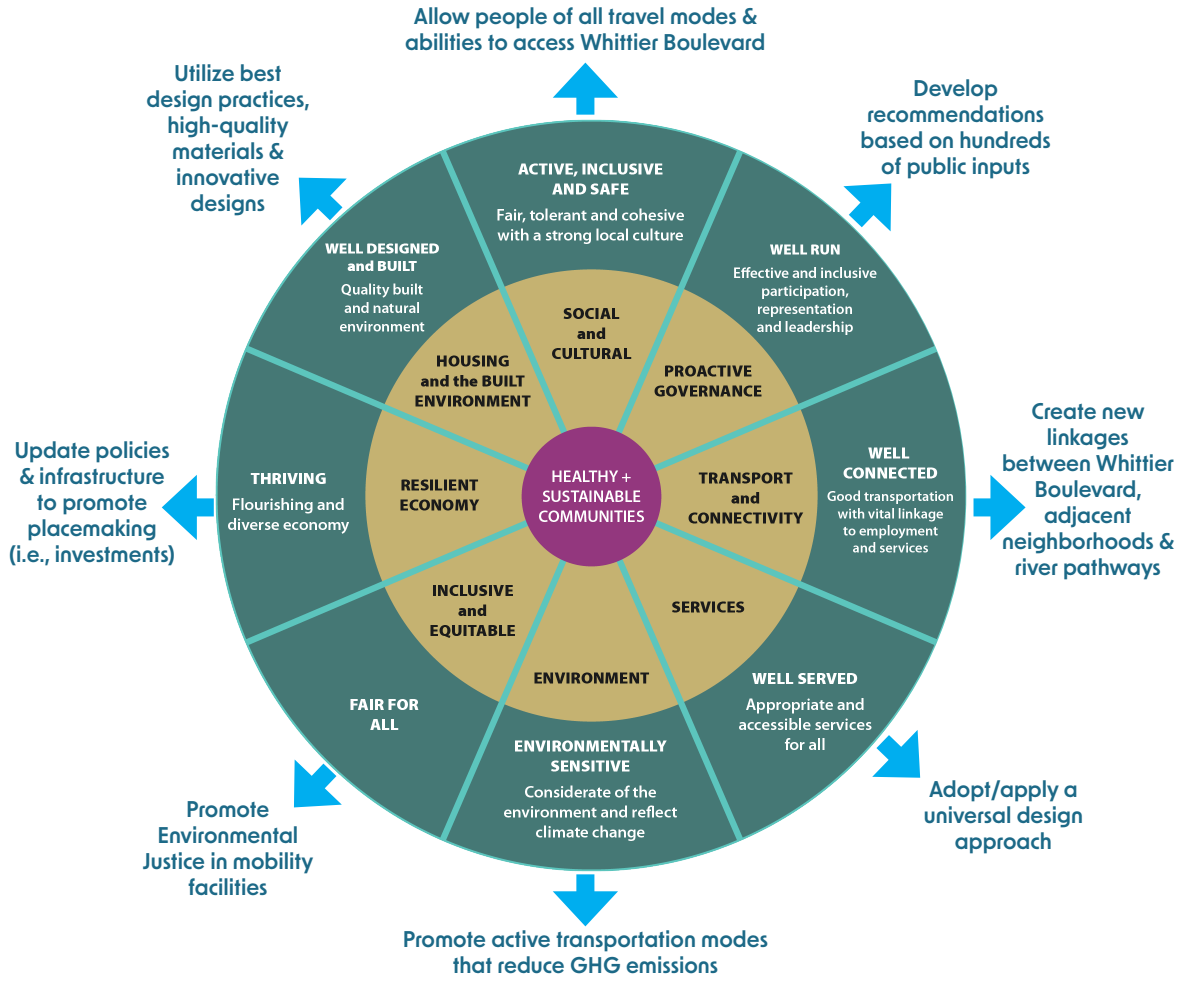
4 Planning Framework

Introduction

The Multimodal Plan Framework responds to existing conditions, community input, and opportunities to provide the goals, policies, and actions to define long-term mobility and infrastructure direction and investments. The framework will guide future public agency decisions related to mobility, street design, and infrastructure. The diagram to the right was a tool used throughout community engagement events to introduce a holistic public policy and planning approach. The elements in blue text around the edges of the circle describe how actions of the Multimodal Plan contribute to achieving a healthier and more sustainable community, which aligns with State and Federal goals for GHG and VMT reductions, as well as supports and builds upon best practices in planning such as Vision Zero.

Key Elements of this Chapter:

- Vision Statement
- Plan Goals and Objectives
- Sustainability District



Vision

Historic Whittier Boulevard is a vibrant destination that is safe, reliable, accessible, and inclusive to all members of the community across abilities, ages, races, identities, and cultures. It is well connected to neighborhoods and regional transportation networks. New designs improve safety, public health, climate resilience, and quality of life while contributing to economic development.

Plan Goals

Six goals were developed at the start of the Multimodal Plan, which were based upon past community engagement, promoting PR 2035, and the scope of improvements that could potentially be accomplished.

These goals facilitated initial input and confirmation from the community. Once confirmed, the goals provided initial guidance for the existing conditions analysis, case studies research, and design alternatives exploration.

Now, with a preferred design concept for Whittier Boulevard and other complementary design improvements, those goals have been updated to support implementation of this Multimodal Plan.

1. Promote healthy lifestyles & safer streets for all

2. Cultivate a more sustainable environment

3. Improve access to parks, open & recreation space

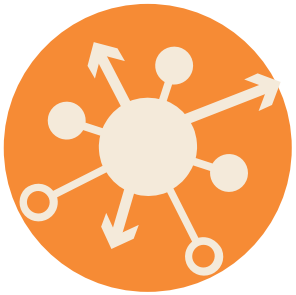
Goal MM-1: Provide Safe Streets for All Users

Create a mobility network that provides a balance between all modes but prioritizes safety for the most vulnerable road users.

Goal MM-2: Employ Environmental Design

Residents and the natural environment are healthier and more resilient through the provision of low-emission mobility options, green infrastructure, and sustainable design approaches.

Goal MM-3: Ensure Connectivity and Accessibility



The street network provides safe and convenient connections to local and regional destinations and activity centers. People of all ages and abilities can freely choose from mobility options that are accessible, affordable, and best meet their needs.

Each goal of the Multimodal Plan is presented as Goal MM-#. Each goal has a dedicated page that contains high-level objectives and policies for achieving that goal.

More specific details are found in Chapter 7 - Implementation Plan, including specific actions that can be taken by groups such as community members, design consultants, and decision makers.

Please see Chapter 7 for more details regarding the phased implementation strategy.

4. Integrate art, culture technology, & style

5. Stimulate economic growth & community prosperity

6. Empower people to participate in the process

Goal MM-4: Encourage Placemaking

Promote the approach that streets are not just for moving vehicles but also a valuable part of the public realm, so streets complement land uses, promote community interaction, and create a sense of joy.

Goal MM-5: Create Opportunity for Economic Sustainability

Streets can improve economic conditions in multiple ways: good design can create new economic opportunities and attract investment; multimodal streets can promote the use of affordable transportation options; and efficient use of resources in construction and ongoing maintenance can benefit cities.

Goal MM-6: Integration with Future Planning

The City coordinates with other citywide and regional planning efforts to support implementation.

Goal MM-1: Provide Safe Streets for All Users

The mobility network provides a balance between all modes of travel but prioritizes safety for the most vulnerable road users.

Objective 1.1

Transportation policies and physical infrastructure will utilize Complete Streets policies and designs that facilitate safe travel for everyone and all modes.

Policy 1.11

Redesign streets as complete streets to accommodate facilities for all modes of travel.

Policy 1.12

Develop a citywide Vision Zero policy.

Policy 1.13

Design the public realm to minimize traffic collisions, especially those resulting in fatalities and serious injuries.

Policy 1.14

Set context-sensitive traffic calming measures as the transportation network is built out.

Policy 1.15

Conduct a traffic safety educational campaign to educate the public about traffic safety and how to interact with new bicycle, pedestrian, transit infrastructure, and emerging transportation technologies.

Policy 1.16

Improve safety at intersections by implementing high visibility treatments for crossings, signage, etc.

Objective 1.2

Safe routes will be identified and designated that specifically cater to the mobility needs of vulnerable road users, such as children, seniors, and people with disabilities.

Policy 1.21

Prioritize protected bicycle facilities wherever feasible to maximize safety.

Policy 1.22

Install additional safety infrastructure that is accessible for all, particularly people with disabilities (e.g. audible pedestrian signals, tactile pavement markings, and well-lit crosswalks).

Policy 1.23

Collaborate with local schools, community organizations, and transportation agencies to implement educational programs on safe pedestrian and cycling practices, targeting both children and adults.

Policy 1.24

Utilize reduction in posted speed limits and permeable pavements to reduce vehicle speeds

Policy 1.25

Require new development and redevelopment projects to incorporate and prioritize safe and convenient pedestrian circulation.

Goal MM-2: Employ Environmental Design

Residents and the natural environment are healthier and more resilient through the provision of environmentally friendly mobility options, green infrastructure, and sustainable design approaches.

Objective 2.1
Green infrastructure and sustainable elements will be incorporated into design principles to reduce impacts and create positive improvements for residents and the environment.

Policy 2.11
Prioritize the considerations of sustainability and human health in policies and design decisions.

Policy 2.12
Expand the tree canopy and shade infrastructure to reduce heat island effect and sequester carbon.

Policy 2.13
Design all new parkway planters as bioswales or flow-through planters.

Policy 2.14
Prioritize planting native species in green spaces to enhance carbon storage, biodiversity, and natural habitat restoration.

Policy 2.15
Require water-efficient design principles for new buildings, landscaping, and infrastructure (e.g. use of drought-tolerant plants, efficient irrigation systems, water-saving fixtures, etc).

Objective 2.2
Environmentally-friendly mobility options that reduce air pollution will be encouraged and supported.

Policy 2.21
Continue to evaluate and implement policies that encourage mode shift towards walking, biking, and transit to reduce greenhouse gas emissions and other transportation related pollution burdens.

Policy 2.22
Incorporate green infrastructure wherever feasible, especially along pedestrian, bicycle, and transit facilities (e.g. curb extensions, plazas, sidewalks, etc.) to maximize efficient use of space. See also Chapter 5: Multimodal Network.

Policy 2.23
Work with new residential and commercial developments to encourage mode shift by providing residents and employees incentives, such as dedicated bike parking and repair facilities, micro ride share options, EV charging ports with all new parking units, etc.

Goal MM-3: Ensure Connectivity and Accessibility

The street network provides safe and convenient connections to local and regional destinations and activity generators. People of all ages and abilities can freely choose from mobility options that are accessible, affordable, and best meet their needs.

Objective 3.1

A complete and continuous transportation network will be built that includes transit routes, sidewalks, paseos, and bicycle facilities.

Policy 3.11

Integrate the vehicular street network with local and regional bike paths, pedestrian paseos, transit routes and stops, multi-use trails, and private redevelopment circulation elements.

Policy 3.12

Incorporate universal design principles and modern best practices to design and maintain a street network that accommodates the diverse needs of all users, regardless of age or ability, promoting inclusivity and accessibility.

Policy 3.13

Implement the transportation network described in Chapter 5: Multimodal Network.

Policy 3.14

Coordinate with LA Metro to implement first/last mile infrastructure to connect to major transit lines.

Policy 3.15

Develop and implement a wayfinding signage program to create directional connectivity to local and regional destinations.

Policy 3.16

Design all street elements to exceed basic ADA requirements and be accessible to people of all abilities, (e.g. ample maneuvering space for wheelchairs and strollers, sensory ques for visually impaired, etc.) cognitive abilities, and ages.

Policy 3.17

Install transit amenities such as accessible bus shelters with adequate seating, protection from weather elements, real-time bus arrival information, digital displays, etc.

Goal MM-4: Encourage Placemaking

Streets are designed not just for moving vehicles but are also a valuable part of the public realm, complement land uses, promote community interaction, and create a sense of joy and pride.

Objective 4.1

The design of streets will promote community gathering and interactions, contribute to local business activity, and contribute to a good quality of life and overall happiness.

Policy 4.11

All lighting should be at pedestrian scale and down-lighting to promote dark night skies.

Policy 4.12

Develop and apply a unique branding scheme for signage, furniture, landscape and new developments that commemorate the historic significance of Whittier Boulevard and El Camino Real.

Policy 4.13

Design of streets to complement surrounding land uses and include frequent, small open space areas for public use.

Policy 4.14

Install parklets in areas with high visibility and that do not obstruct traffic or emergency vehicles.

Objective 4.2

Community members will be actively involved in the planning, design, and activation of public spaces, fostering a sense of ownership that resonates with local values and aspirations.

Policy 4.21

Create a parklet implementation program that encourages local businesses or business districts to sponsor, manage, and maintain parklets that provide a direct benefit.

Policy 4.22

Allow a variety of parklet typologies so parklets complement adjacent uses such as a restaurant, retail store, community center, offices, or residential areas.

Policy 4.23

Make pedestrian amenities frequent throughout the corridor, such as: benches, maps, digital readers, shade structures, creative lighting, and lifestyle supportive amenities (dog waste stations, emergency blue light boxes, security cameras, bike fix it stations, hydration stations, etc.)

Goal MM-5: Create Opportunity for Economic Sustainability

Streets improve economic conditions in multiple ways - good design creates new economic opportunities and attracts investment; multimodal streets promote the use of affordable transportation options; and the efficient use of resources in construction and on-going maintenance provides sustainable economy for the City.

Objective 5.1

Transportation policies and infrastructure designs will support: increasing tax base, attracting and diversifying industries, redeveloping surface parking lots, maximizing efficiency of maintenance costs, and increasing grant funding competitiveness.

Objective 5.2

Policies will be developed and implemented that prioritize multimodal accessibility to promote the use of affordable transportation options and reduce dependence on private vehicles.

Policy 5.11
Support local public policies that preserve affordability of Pico Rivera for existing residents

Policy 5.12
Implement flexible land-use policies that encourage the integration of commercial uses, promoting vibrant and economically active streets.

Policy 5.13
Facilitate the use of temporary or pop-up spaces for events, markets, and local businesses to experiment with new ideas

Policy 5.14
Encourage the adaptive reuse of vacant or underutilized spaces

Policy 5.15
Identify revenue generating opportunities such as advertising districts, parking meters, business improvement districts, etc.

Policy 5.16
Design streetscapes with wide sidewalks, outdoor seating areas, and green spaces to enhance the appeal of commercial areas.

Policy 5.21
Continuously monitor and address mobility gaps by implementing the latest micro-mobility technologies and shared mobility solutions, such as scooter share, micro-transit, bike-share, car-share, etc.

Policy 5.22
Provide and promote subsidies to reduce the cost burden of non-vehicle modes.

Policy 5.23
Provide incentives for businesses to offer bike-friendly facilities (e.g. bike racks and changing facilities) to promote cycling as a viable commuting option.

Policy 2.24
Partner with local organizations to host car-free, open street community events that support local businesses.

Goal MM-6: Integration with Future Planning

The City coordinates with other citywide and regional planning efforts to support implementation.

Objective 6.1

A comprehensive inter-agency collaboration framework will be developed that facilitates coordination between the City and other relevant agencies involved in citywide and regional planning efforts related to mobility.

Policy 6.11

Coordinate with the LA County Department of Public Works to develop master plans for the adjacent Rio Hondo and San Gabriel Rivers. Plans should study the feasibility of providing access to river bike paths from every street that crosses or ends at the rivers.

Policy 6.12

Support regional and state public policies that preserve affordability for existing residential communities

Policy 6.13

Complete a future study for the Bus Rapid Transit Route along Rosemead Boulevard to determine alignment feasibility. Depending upon alignment, complete a detailed design of the Rosemead/Whittier Intersection.

Policy 6.14

Coordinate creating connections to existing and future transportation projects, such as the Rosemead Boulevard BRT project and Metro Eastside Transit Corridor Phase 2 Light Rail project.

Objective 6.2

The City will build upon the recommendations of the HWB Multimodal Plan through further planning studies and design of infrastructure.

Policy 6.21

Implement quick-build pilot projects using temporary materials (e.g. painting and bollards) to test design conditions, improve safety, and encourage further investment.

Policy 6.22

Annually evaluate the effectiveness of traffic calming measures and new transportation facilities.

Policy 6.23

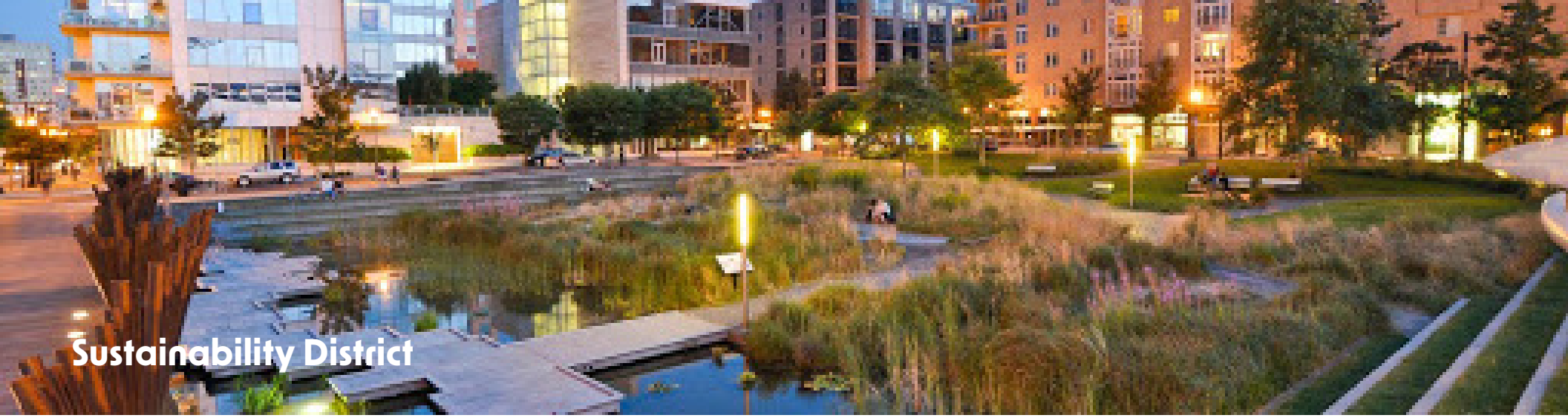
Conduct a citywide study to update truck routes as this plan recommends removal of trucks (except local deliveries) along Whittier Blvd.

Policy 6.24

Conduct a study to determine a micro transit route connecting Whittier Boulevard to the future transit stations along Washington Boulevard, as well as other nearby transit stations.

Policy 6.25

Develop a citywide electric vehicle master plan.



Sustainability District

The HWB Plan area is envisioned to be a holistic neighborhood that encourages a vibrant and healthy community. Key to that is developing the built environment sustainably. This aligns with the community vision, needs and opportunities from the existing conditions analysis, and aligns with future funding opportunities and ongoing maintenance requirements. The best way to implement this will be following the criteria and approaches of a sustainability district certification. The HWB Multimodal and Specific Plans are not pursuing a sustainable community certification as part of this plan, but it is being developed to support eventual certification. This Plan provides two elements related to a sustainability district:

1. Information on future certification pathways
2. Design and policy recommendations that are based on the elements and approaches employed by sustainable community certifications

The primary options for sustainability certification include:

LEED Neighborhood

SITES

International Living Future Institute

Just Communities

Eco Districts

Envision

Review of the options for sustainability district certification identified common categories and design approaches that were incorporated into this plan, and should be implemented in the future. Those elements include:

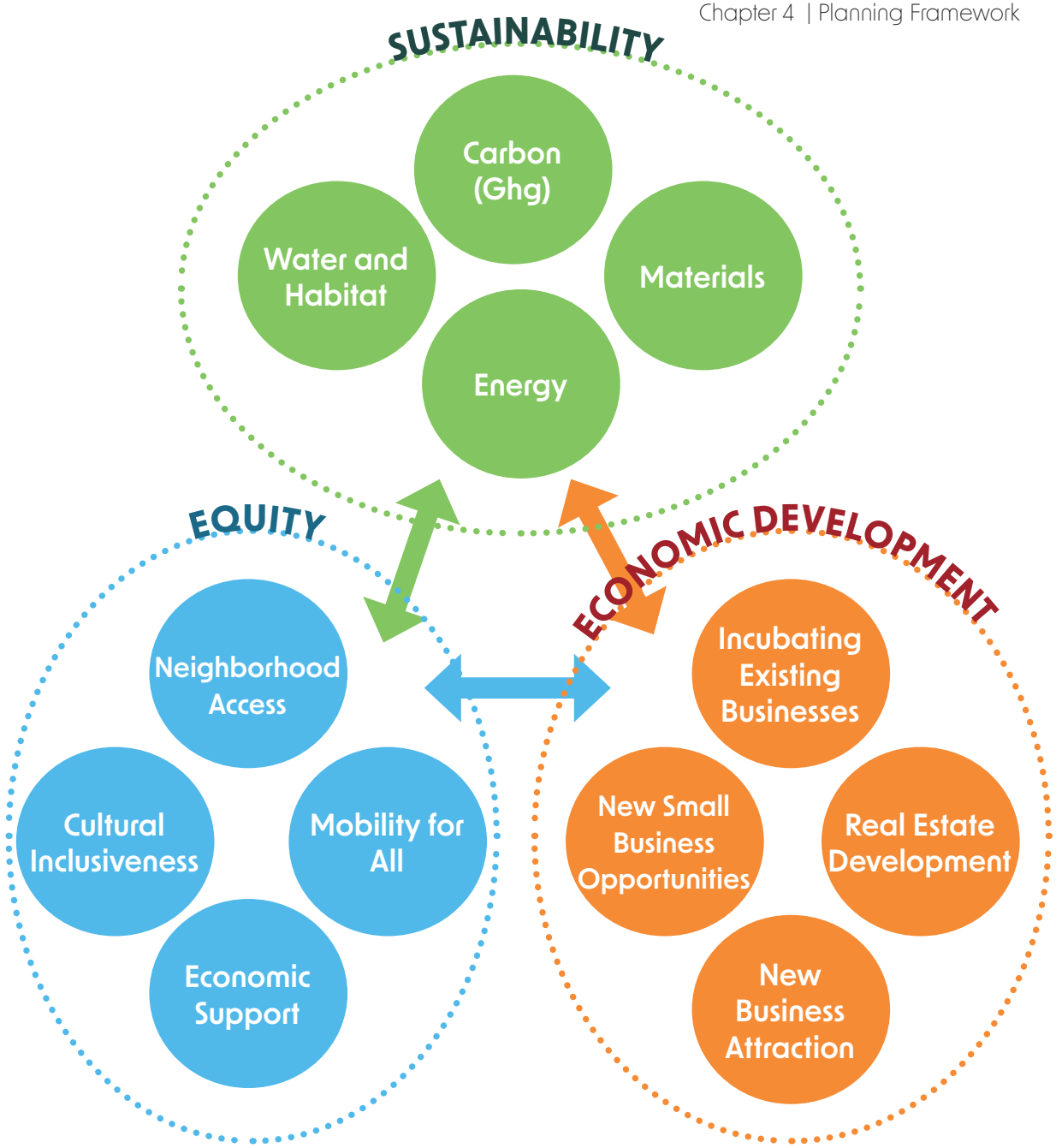
1. Reducing Greenhouse Gas (GHG) emissions
2. Creating and expanding a tree canopy
3. Shifting vehicle trips to active transportation and zero emission modes
4. Using materials that are made of non-toxic materials and have low embodied energy to develop and source
5. Reducing energy use (e.g., LED lighting)
6. Renewable energy production (e.g., incorporating solar panels)
7. Maximizing green infrastructure rather than expanding and/or replacing grey infrastructure systems
8. Harvesting rainwater
9. Creating urban habitat for flora and fauna

Consistent with the approach throughout the HWB process, strategies for one topic (e.g., sustainability) should also integrate with other disciplines to create efficiencies and co-benefits. Equity and economic development are key complements to sustainability because of these topics integrate and reinforce one another. However, these disciplines cover a wide-range of topics and potential improvements. Shown to the right are four primary elements that were identified for each discipline of equity, sustainability and economic development, which should be considered for all policy and design recommendations.

- **Sustainability** considers not just the potential for reducing greenhouse gas (GHG) emissions, but how the quality of the natural environment can be improved (for people and flora/fauna) through water quality and habitat, the impact of materials, and how energy loads can be reduced or renewable energy production can be created.

- **Equity** considers how physical access could be improved to neighborhoods, improvements in public realm to meet all mobility needs, and well as expanding cultural inclusiveness, economic development and considering the unintended consequences of public realm improvements.

- **Economic development** ranges from local to national scales by considering how new, small, local businesses could be developed and grown, as well as how major economic drivers from real estate and large business attraction performed.



The diagram above highlights how some key elements within the topics of Equity, Sustainability, and Economic Development can relate to other topics. For example, improving multimodal access to disadvantaged neighborhoods from an equity lens, can also have benefits for reducing carbon through reduced Ghg emissions.

5 Multimodal Network

Introduction

This Chapter presents the preferred design concept for Whittier Boulevard, as well as other location-specific physical improvements to the existing transportation network on and surrounding Whittier Boulevard.

The recommendations in this Chapter were identified and evaluated through an analysis of the four primary modes of transportation: cars, active transportation (bicycles, scooters, skateboards, personal mobility devices, roller blades, etc.), pedestrians, and transit. The analysis took into consideration how each mode interacted and complemented one another to achieve a complete and well-connected multimodal transportation network.

Key Elements of this Chapter:

Network Maps
Network maps for each mode to ensure consistency in access and connectivity within the overall transportation network.

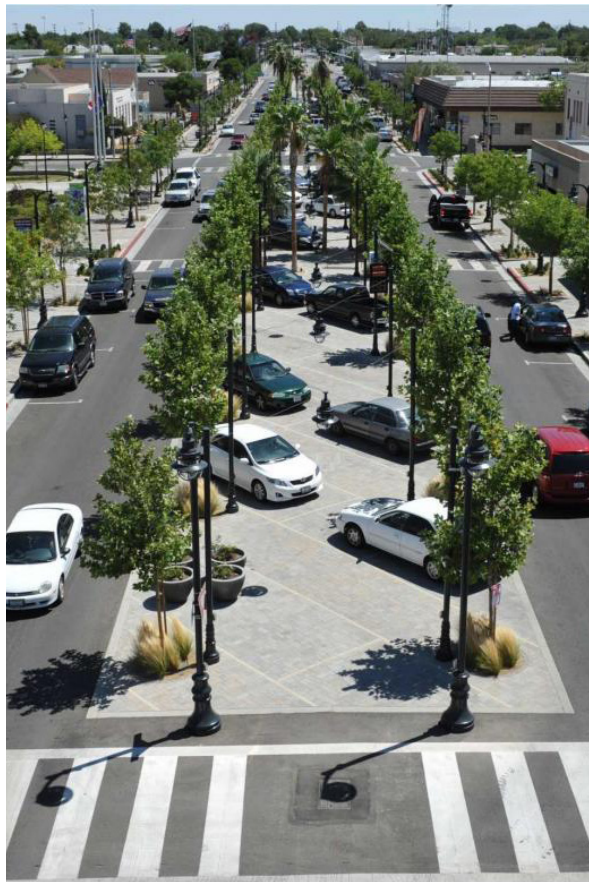
Capital Projects
Capital projects along key corridors and intersections to implement the network maps and improve safety. Projects include traffic calming measures, such as curb extension and raised intersections, as well as bicycle lanes and off-street parking improvements.

Preferred Design Concepts
Thirty percent design concepts for roadway segments and intersections, including:

- Whittier Boulevard
- San Gabriel Place
- Durfee Avenue / Jackson Street

Visualizations
Before and after visualizations of key projects and locations.

Parking Approach Recommendations
Policy and design guidelines to provide recommended, but not required, urban design guidance on parking strategies.



Inspirational imagery of various multimodal projects.

Pedestrian Network

The recommendations for the pedestrian network focus on enhancing safety and creating more public gathering spaces. The network identifies:

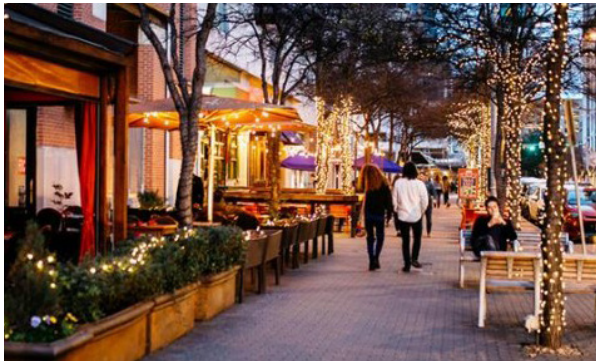
- Pedestrian-oriented intersection improvements
- New sidewalk and parkway locations
- New open space/park opportunities
- New pedestrian pathways referred to as paseos

A key element of the pedestrian network is the transformation of Speedway Alley into a pedestrian paseo that improves safety, contributes to economic activity and maintains servicing loading. Initial phase of the pedestrian paseo is proposed along Lindsey Avenue to the alley between Durfee and Deland Avenues. The initial phase will focus on introducing tactical urbanism improvements (such as painting), planting of "decorative street" trees, and engagement with adjacent businesses to develop outdoor spaces for their business operations.

The approximately 1,000 foot area west of Paramount Blvd. that begins the third eastbound travel lane is recommended to be removed as a travel/right-turn lane and become a flexible pedestrian space that could be a painted extension, parklet spaces, and/or food truck parking.

Precedents

Tactical urbanism curb extensions and placemaking



Wider sidewalks for different uses and placemaking

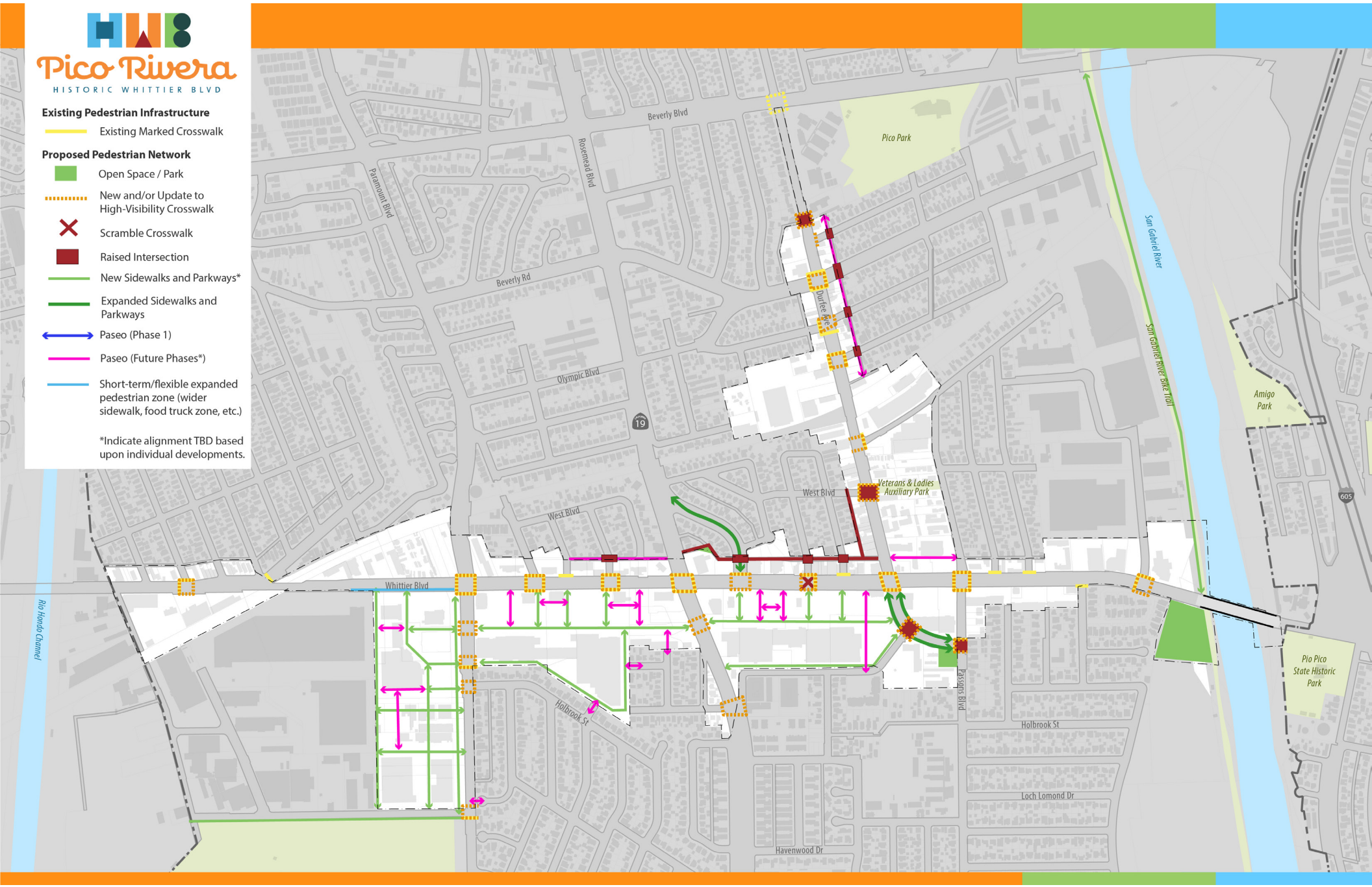
Pedestrian paseos

Better crossings and buffers from vehicles on busy streets

Raised intersections on local streets

Pedestrian-oriented streets and extensive street trees

Pedestrian Network



Speedway Alley at Lindsey Avenue

EXISTING

PROPOSED
New shade trees
LOS PASEOS
Paseo Branding
New development with integrated outdoor dining
New plaza space
Raised Pedestrian Crossing / Speed Hump
Permeable Paving and drainage channel

Bicycle and Transit Network

As is the case in most communities, pieces of bicycle networks have been implemented based on factors like community input, available funding, and phasing of roadway projects. This leaves gaps in a high-quality bicycle network that reduces its use. The Multimodal Plan recommends build-out of existing proposed bike facilities, as well as expansion of the bicycle network - particularly through separated bicycle facilities and creating new connected routes through redeveloped surface parking lots.

Bicyclists, transit vehicles, and pedestrians accessing transit often interact due to space limitations. Interactions between these modes at times be uncomfortable because of unclear directions and lack of separated spaces. For this reason, the recommendation presented in this plan focus on interventions that help make the interactions between transit vehicles and bicyclists safe, comfortable, and efficient. The recommendations also call for creating regional bikeway connections and improving the transit user experience through enhanced transit amenities. The network identifies:

- New bike facilities and regional connections
- Bicyclist-oriented intersection improvements
- New transit shelter islands

Precedents

Creating connections to riverfront bicycle paths

Transit Shelter Island with bicycle lane behind

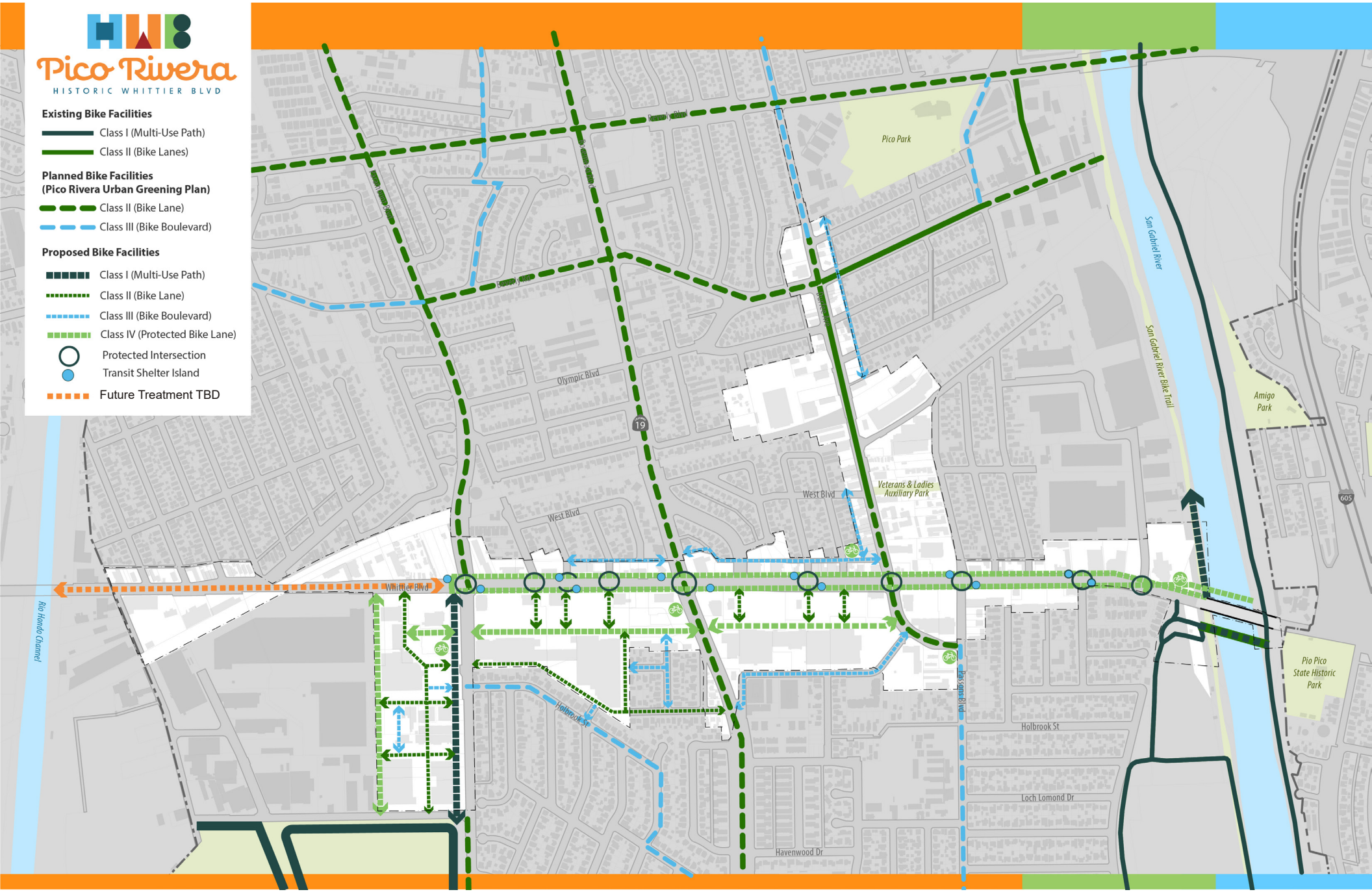
Protected Intersections with one-way protected bicycle lane

Two-Way Cycle Tracks

Bioswale protected bicycle lanes

Supporting all active transportation modes together

Bicycle and Transit Network



Looking South from Whittier Boulevard along Paramount Boulevard

PROPOSED
New development with integrated ground-floor retail
New bicycle path parallel to Paramount Boulevard connecting Whittier Boulevard to the Rio Hondo Spreading Grounds
New passive green space
New paseo lined with outdoor dining and green space
Natural landscape buffers

Vehicle Network and Parking

The recommendations for the vehicle network focus on balancing existing vehicle space to accommodate all road users, improve traffic flow, and prepare for future regional transit projects. The network identifies:

- Where lane reductions will occur
- The location of new angled parking and where on-street parking will be removed
- Traffic signals to be updated with the new signal timing and the location of new traffic signals
- Internal circulation network associated with future redevelopment efforts

Note that changes to Whittier Boulevard end about 1,000 feet west of Paramount Boulevard. Starting here and continuing west, there is not adequate road with for a protected bicycle facility due to the freight rail bridge. If in the future the rail bridge will be reconstructed (similar to the Durfee Avenue rail bridge that was recently completed), it is recommended to create adequate right-of-way for Whittier Boulevard to extend the proposed design of Whittier Boulevard all the way to the western edge of the City.

Precedents

Flexible and Pedestrian-Oriented Streets

Integrating Landscape in Parking Lots

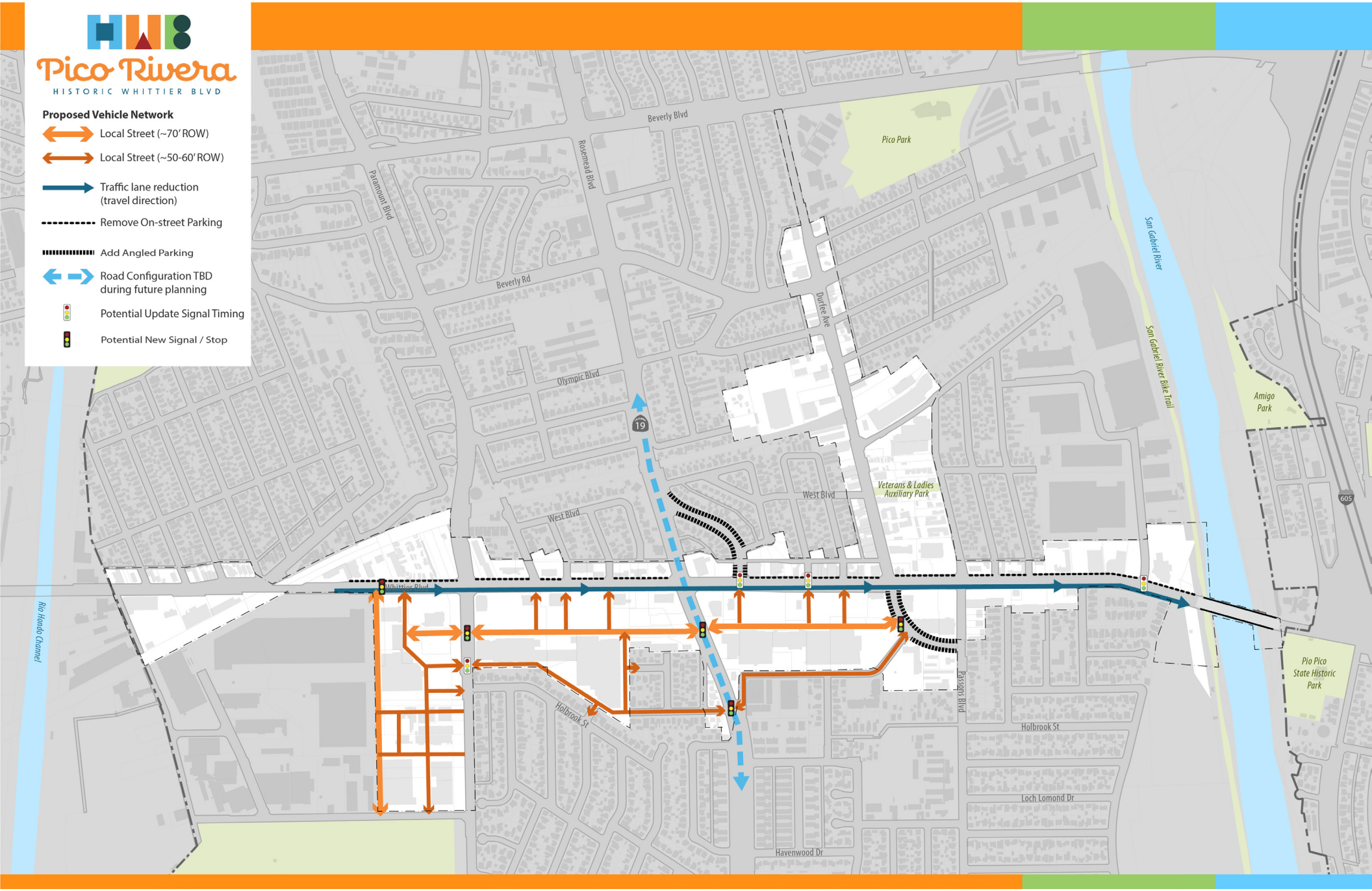
Curbside Management

Complete Streets

Internal Circulation

Private developments often need to update existing roads and circulation paths to accommodate access to new buildings. While the redesign of Whittier Boulevard and other public streets is proposed to be completed, updates to the circulation within surface parking lots is only recommended as design guidance. The implementation of the internal circulation will be part of individual private and public-private partnerships as redevelopment occurs.

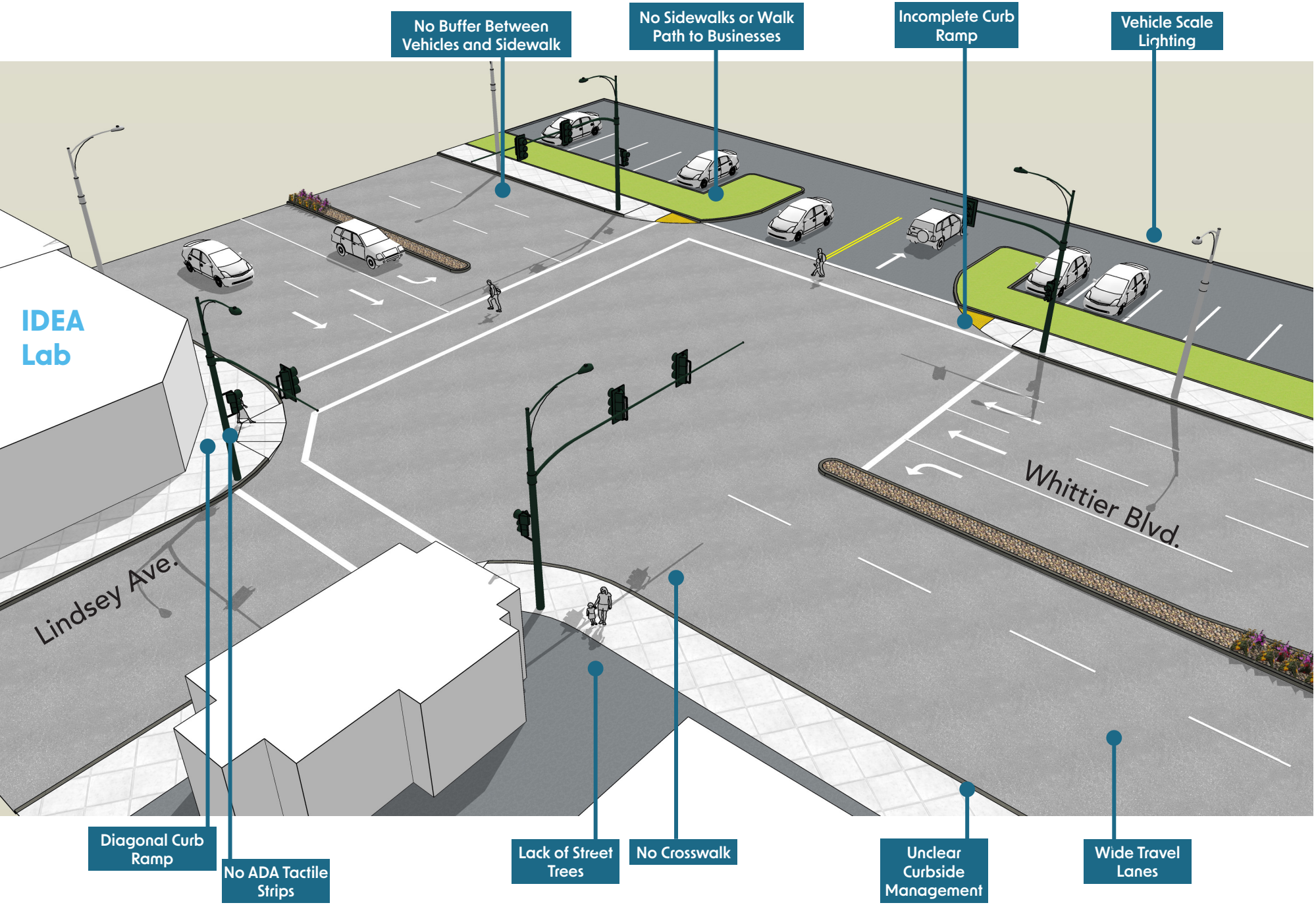
Vehicle Network



Whittier Boulevard at Rosemead Boulevard

PROPOSED
New development potential
Unique corridor branding
Bioswale Buffer with Shade Trees
Protected Active Transportation Lane
New drought tolerant landscaping and connection to businesses
Updated sidewalks

Existing Condition | Lindsey & Whittier Intersection



Alignment with Local, Regional, State, Federal Goals

The multimodal networks and the preferred design for Whittier Boulevard were developed in response to the key findings of the existing conditions analysis on pg. 17. Namely, the new design of Whittier Boulevard and surrounding multimodal network will now support the goals and best practices, adopted plans and policies, as well as funding sources at every level of government.

The Multimodal Plan creates this alignment both through the specific designs, general strategies, and public policies that encourage more trips by walking, biking, and transit that support VMT and GHG reduction goals. These elements can be found planning documents such as Vision Zero, Bicycle Master Plans, and First-Last Mile Plans.

The Plan also builds upon existing plans and policies such as the SGV Greenway Network to expand the bicycle network, as well as non-transportation plans and policies so multiple benefits can be provided simultaneously, like improving the local natural environment. Furthermore, as the multimodal plan is implemented over time in phases, benefits from individual projects will compound and scale with other projects to accomplish more robust benefits over time. Altogether, this strongly positions the Multimodal Plan to be as aligned with funding sources as much as possible.

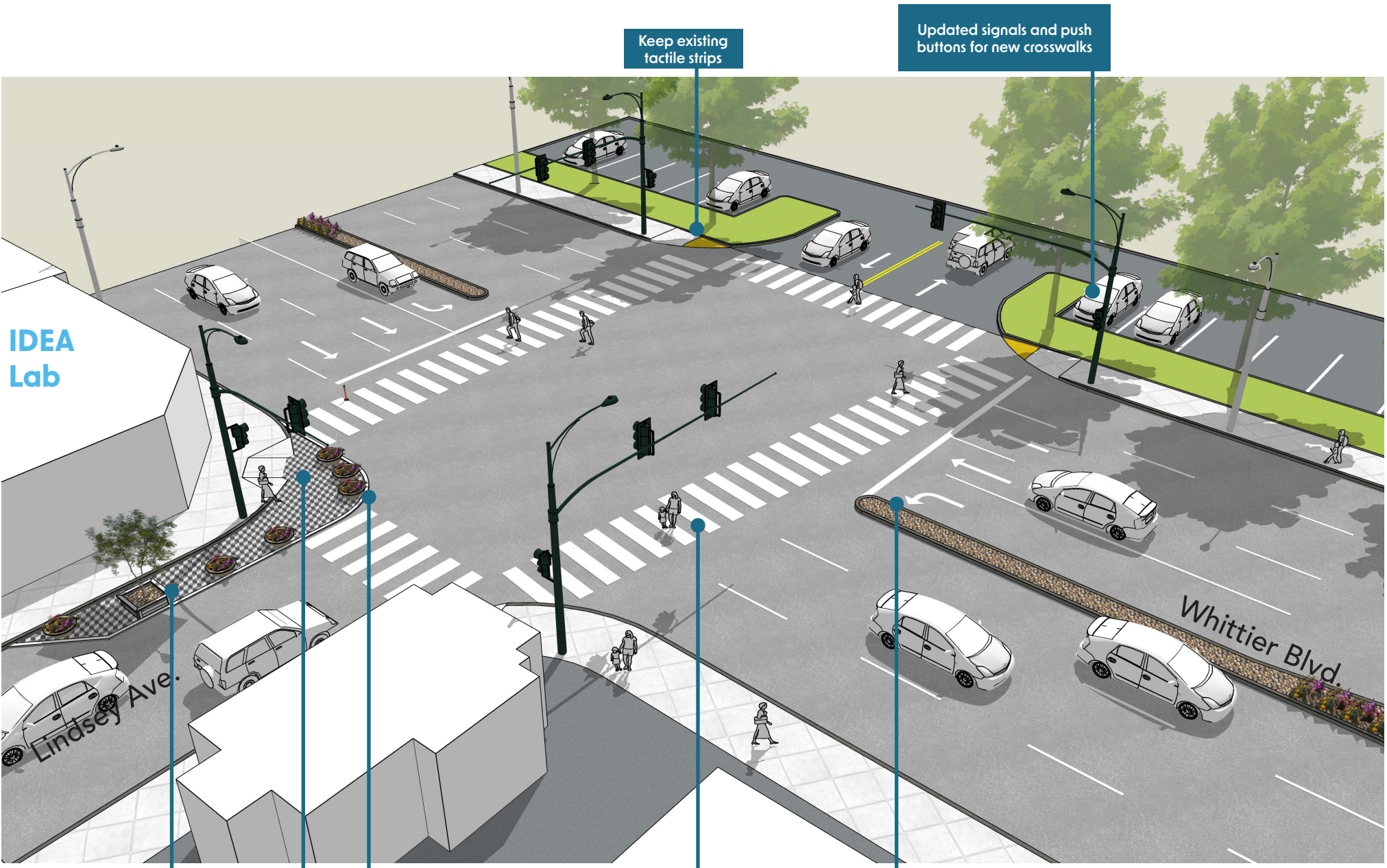
	Goals and Best Practices	Plans and Policies	Funding Sources
Local	✓	✓	✓
Regional	✓	✓	✓
State	✓	✓	✓
Federal	✓	✓	✓

- Local - encourage the success of local business and grow tax revenue
- Regional - Vision Zero Plans
- State - Governor Newsom 30 by 2030 Executive Order conservation goals
- Federal - National Climate Task Force Goals
- NACTO Design Guidelines

- Regional - SGV Greenway Network
- State - CA SB 32, reducing emission by 40% below 1990 levels by 2030
- CA Air Resources Board (CARB) Scoping Plan for VMT reductions
- AB 1358 - Complete Streets Act means all cities and counties are required to include complete streets policies.

- State - SB 1 directs $100 million annually to the Active Transportation Program
- Federal - Infrastructure Investment and Jobs Act directs $110 billion for investment in infrastructure with dedicated funds for climate adaptation

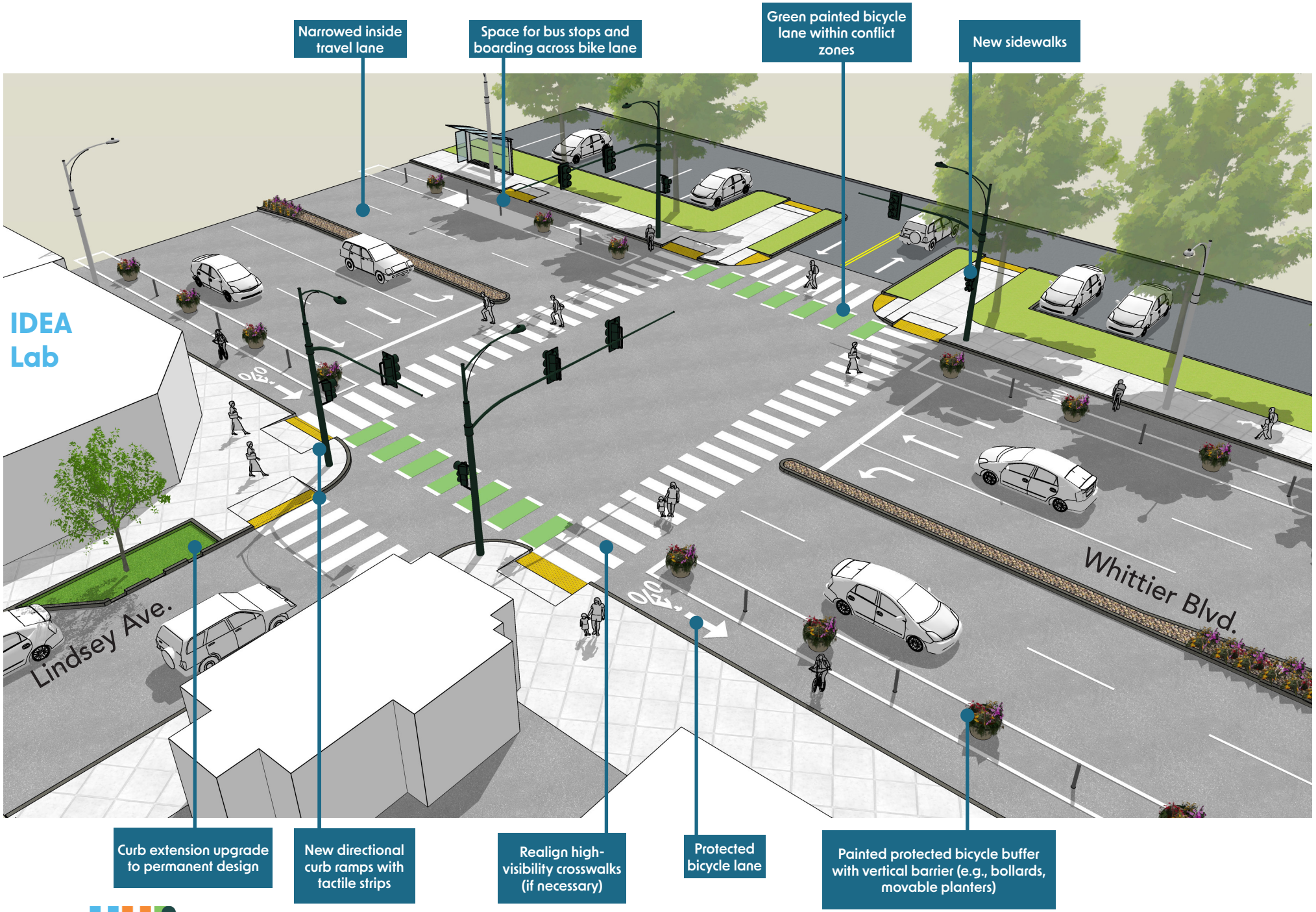
Proposed Phase 1: Early Intersection Improvements and Other Projects



Phase 1 Projects: 1-2 Years		
ID	**Project**	**Project Description**
1	Los Paseos - Phase 1	Targeted beautification improvements including shade trees, landscaping, decorative lighting, murals and art, and facade improvements
2	Facade Improvement Program	Small business grant program to improve facades (Whittier Blvd., Durfee Ave, and Los Paseos) and corridor aesthetic
3	Los Paseos Mural Program	Partnership with professional and local artists to paint murals
4	Los Paseos Parking/Plaza #1 (4944 Lindsey Ave) - Phase 1	Targeted beautification improvements including shade trees, landscaping, decorative lighting, murals and art, and furniture; introduce flexible uses for community events
5	Los Paseos Parking/Plaza #2 (4940 Deland Ave) - Phase 1	
6	IDEA Lab - Phase 1	Facade improvements and interior remodel
7	Electrical Art Box Program - Phase 2	Continuation of Phase 1 program; installation of local artist murals
8	PAD Park - Phase 1	Demolition of existing structures, grading, and turf planting
9	High-Visibility Crosswalks	Update crosswalks with high-visibility decorative treatments
10	Painted Curb Extensions	Decorative painted curb extensions and movable barriers at key locations including at intersection of Lindsey Ave./ Whittier Blvd.
11	Durfee Ave. /Jackson St. Redesign	Angled parking and sidewalk widening; potential for public improvement contribution from redevelopment project
12	San Gabriel Pl. Redesign	Installation of angled parking and center median with landscaping and shade trees
13	Pio Pico State Historic Park Trail Connector	Multi-use trail connection between the San Gabriel River Bike Path and Pio Pico State Historic Park
14	Parklet Design Implementation Plan	Develop design guidelines for the implementation of parklets, treelets, and other micro-park spaces
15	Branding, Signage, and Furniture Improvements	Implementation of the Branding, Signage, and Furniture Master Plan

Example of painted crosswalks and/or curb extensions that could be completed in Phase 1.

Proposed Phase 2: Pilot Design

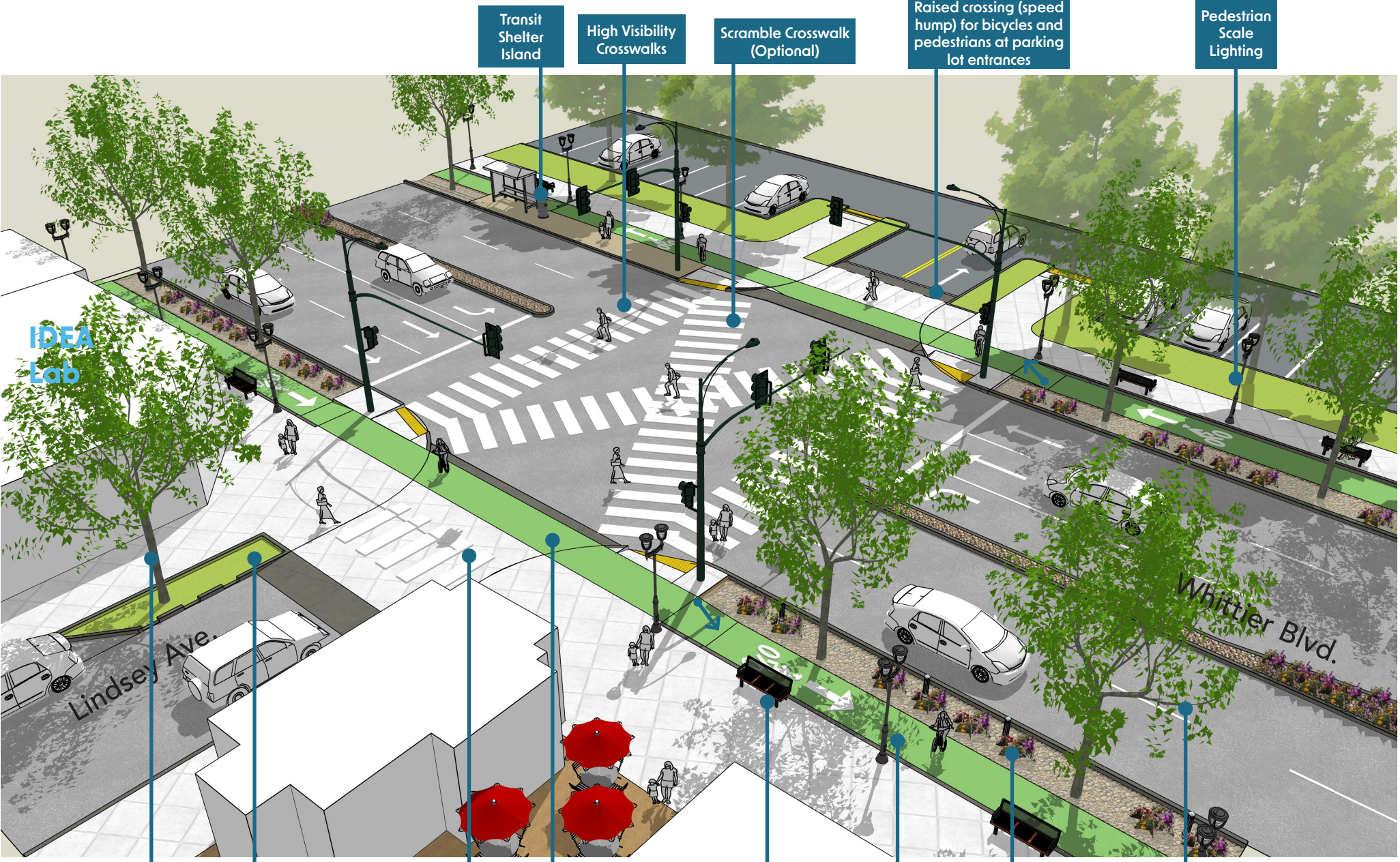


Phase 2 Projects: 3-5 Years		
ID	**Project**	**Project Description**
16	Protected Bike Lanes - Pilot Condition	Striped buffered/protected bike lanes from Paramount to San Gabriel River
17	Paramount Blvd. Greenway	Develop a bike path connection between Whittier Blvd. pilot condition bike lanes and the Rio Hondo Spreading Grounds trail network
18	Paramount Blvd. to Rio Hondo Bike Lanes	Coordinate with City of Montebello to plan and design pilot and permanent conditions for bike connection from Paramount Blvd. to Rio Hondo River
19	Los Paseos - Phase 2	Further beautification improvements such as street trees, lighting, public art, etc., as well as major updates to new permeable pavement material, drainage, and undergrounding utilities
20	PAD Park - Phase 2	Implementation of final design TBD - updates to park landscaping and construction of built structures
21	Update Curb Extensions to Advanced Design Condition	Convert painted curb extensions to a permanent curb extension and creation of micro open spaces (e.g., bioswale, outdoor seating, community garden, etc.) based upon local community engagement
22	Jackson / Durfee Raised intersection	Reconstruction of the Durfee and Jackson intersection to a raised intersection, curb extension, high visibility crossings, lighting and landscaping
23	Passons / Jackson Raised Intersection	Reconstruction of the Passons and Jackson intersection to a raised intersection, curb extension, high visibility crossings, lighting and landscaping
24	Surface Parking Lot Entrance Upgrades	As potential circulation updates required for potential redevelopment projects on the South side of Whittier Blvd., update existing entrances to surface parking lots from Whittier Blvd. with new sidewalks and raised pedestrian crossing.

Example of painted protected bicycle lane in a pilot condition with planters as a buffer from moving vehicles.

Example of permanent curb extension with a bioswale, street tree, and pedestrian seating, which could be upgraded from a painted curb extension completed in Phase 1

Proposed Phase 3: Final Design



Phase 3 Projects: 5+ Years

ID	Name	Project Description	Related Project
25	San Gabriel River Trail (West Bank) - Phase 1	Open a bike trail on the west bank of the San Gabriel River using the existing service road. Other improvements such as lighting and landscaping to occur with adjacent redevelopment.	26
26	Whittier Boulevard Advanced Design	Implementation of the advanced design condition for Whittier Blvd., which replaces the pilot design condition. Includes bioswale protected bicycle lanes, new lighting and landscaping, updated crossings, and other design features.	16, 17, 18
27	Paramount Blvd. Greenway - Phase 2	Implement elements of the advanced design condition for Whittier Blvd. for the Paramount Greenway; which will depend upon adjacent redevelopment.	24; adjacent redevelopment
28	Targeted Intersection Updates	Update of key intersections to a scramble crosswalk design based upon future travel volumes (pedestrian and vehicle), safety enhancements, and community engagement	9, 10
29	Business Improvement District (BID)	Develop a BID or similar structure to implement and manage reinvestment of private redevelopment into public realm facilities.	16, 24 and private redevelopment
30	San Gabriel River Bike/ Ped Bridge	Update the San Gabriel River Bridge and/or provide a new pedestrian and bicycle only bridge across the San Gabriel River.	Pending current planning
31	Los Paseos - Phase 3	Implement design elements of Los Paseos - Phase 1 for existing alleys along Durfee Ave. North of the rail corridor.	

Example of scramble crosswalk in Pasadena, which could be an upgrade of the high visibility crosswalks completed during Phase 1.

Example of bioswale protected bicycle lane along Rosemead Boulevard in Temple City, which provides a case study for the development of the same facility along Whittier Boulevard due to similar roadway designs, traffic volumes, and adjacent land uses.

ADA Accessibility

All recommended physical improvements and policy updates are not just intended to meet all requirements of the Americans with Disabilities Act (ADA), but to encourage the implementation of a Universal Design approach. For example, rather than building an ADA ramp separate from stairs, is integrating an ADA ramp into the design of stairs, and any other spaces, to enhance the overall performance and aesthetic of a place. Specific designs should first follow design guidance from NACTO Guidelines (see Chapter 6), but should also reference the following policies and requirements as applicable:

UNIVERSAL DESIGN:
The design and composition of an environment so that it can be accessed, understood, and used to the greatest extent possible by all people, regardless of their age, size, ability or disability.

Federal Transit Administration (FTA) ADA Requirements: They enforce ADA requirements for transportation facilities and infrastructure that receive federal funding - Parts 27 and 37 of FTA ADA Regualtions: https://www.transit.dot.gov/regulations-and-guidance/civil-rights-ada/ada-regulations.

California Building Code (CBC): The California Building Code outlines accessibility requirements for new construction and alterations to buildings and facilities in California. It includes provisions related to transportation facilities such as train stations, bus stops, and related infrastructure.

California Disabled Persons Act (CDPA): This act provides additional protections and requirements for accessibility, including transportation facilities.

California Department of Transportation (Caltrans): Specific policies and guidelines related to ADA requirements for transportation infrastructure, particularly for highways and major roadways: MUTCD, Engineering Manuals, Accessibility Unit

California Public Utilities Code: This code may contain regulations and requirements related to transportation facilities and infrastructure, particularly those operated by public transportation agencies.

Los Angeles County Metropolitan Transportation Authority (Metro): Access for All is a state funding program authorized in 2018 by Senate Bill 1376;

Los Angeles County Department of Public Works: Design Manuals

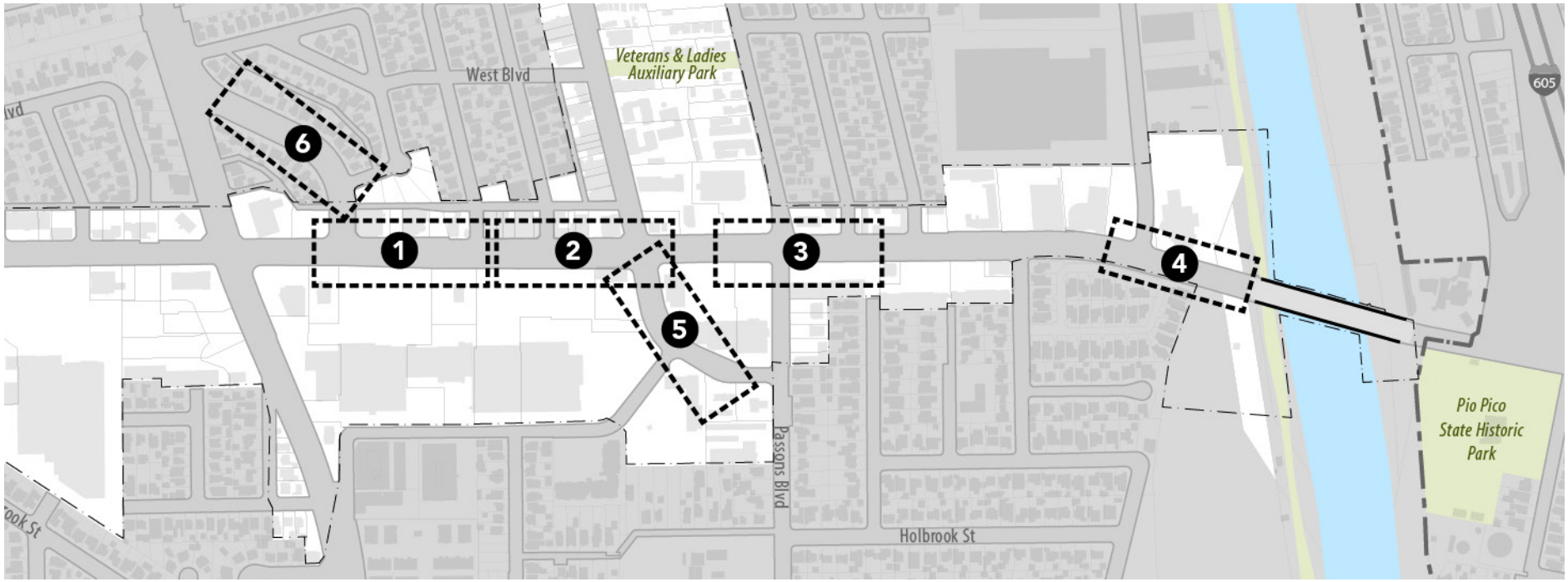
Pico Rivera Municipal Code.

30% Concept Designs

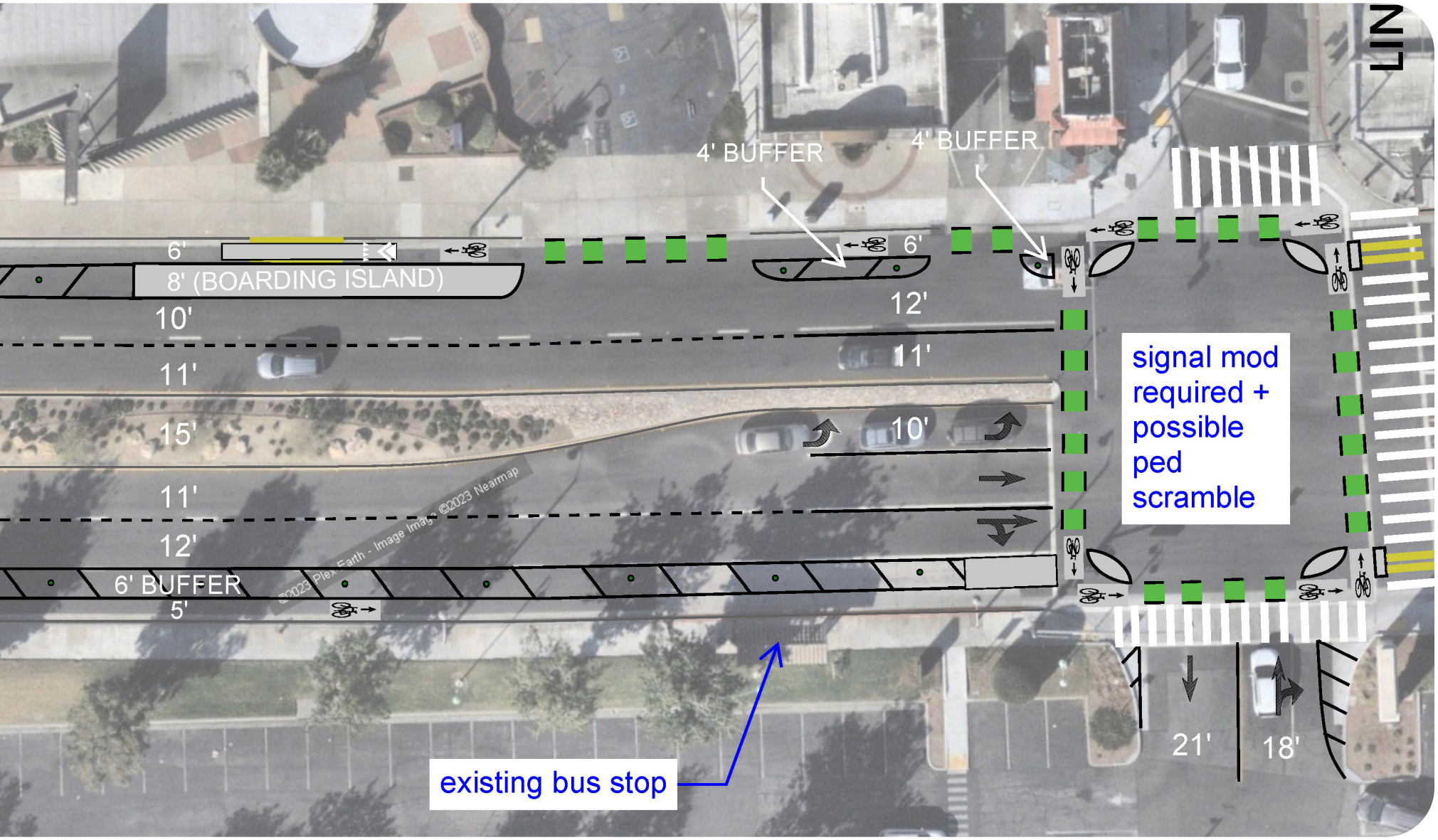
Pages 60 - 67 provide preliminary (30% concept) designs for specific segments and intersections of Whittier Boulevard. The designs show the pilot design condition of the Multimodal Plan. The advanced design condition would use similar geometries (e.g., the bioswale area would be similar to the painted buffer areas), but will need to be developed separately.

Furthermore, schematic and construction designs for the advanced design condition will be able to benefit from the lessons learned from the implementation and operation of the pilot design condition. The specific locations of the concept design segments for Whittier Boulevard are shown in the map below.

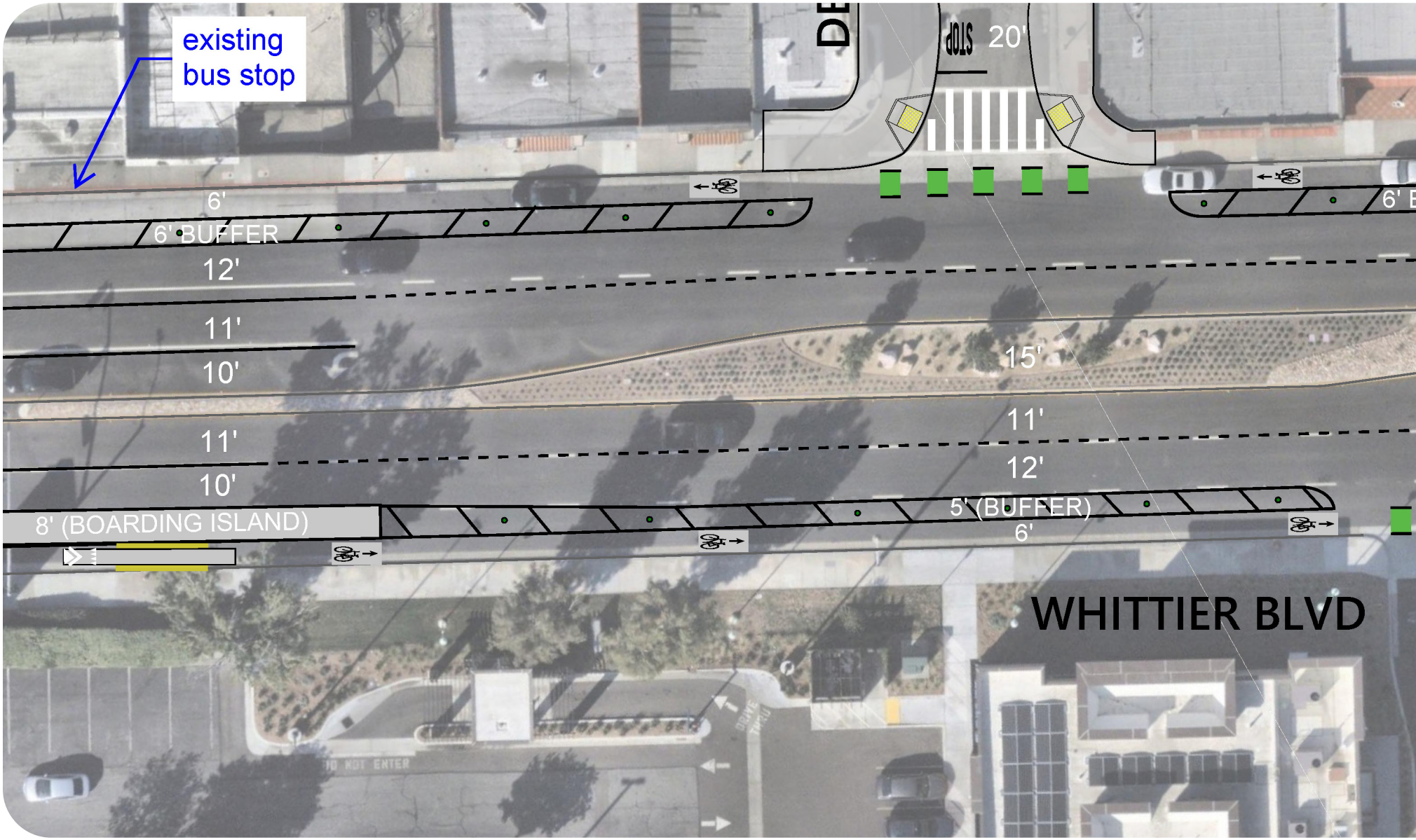
Concept Plan Locations

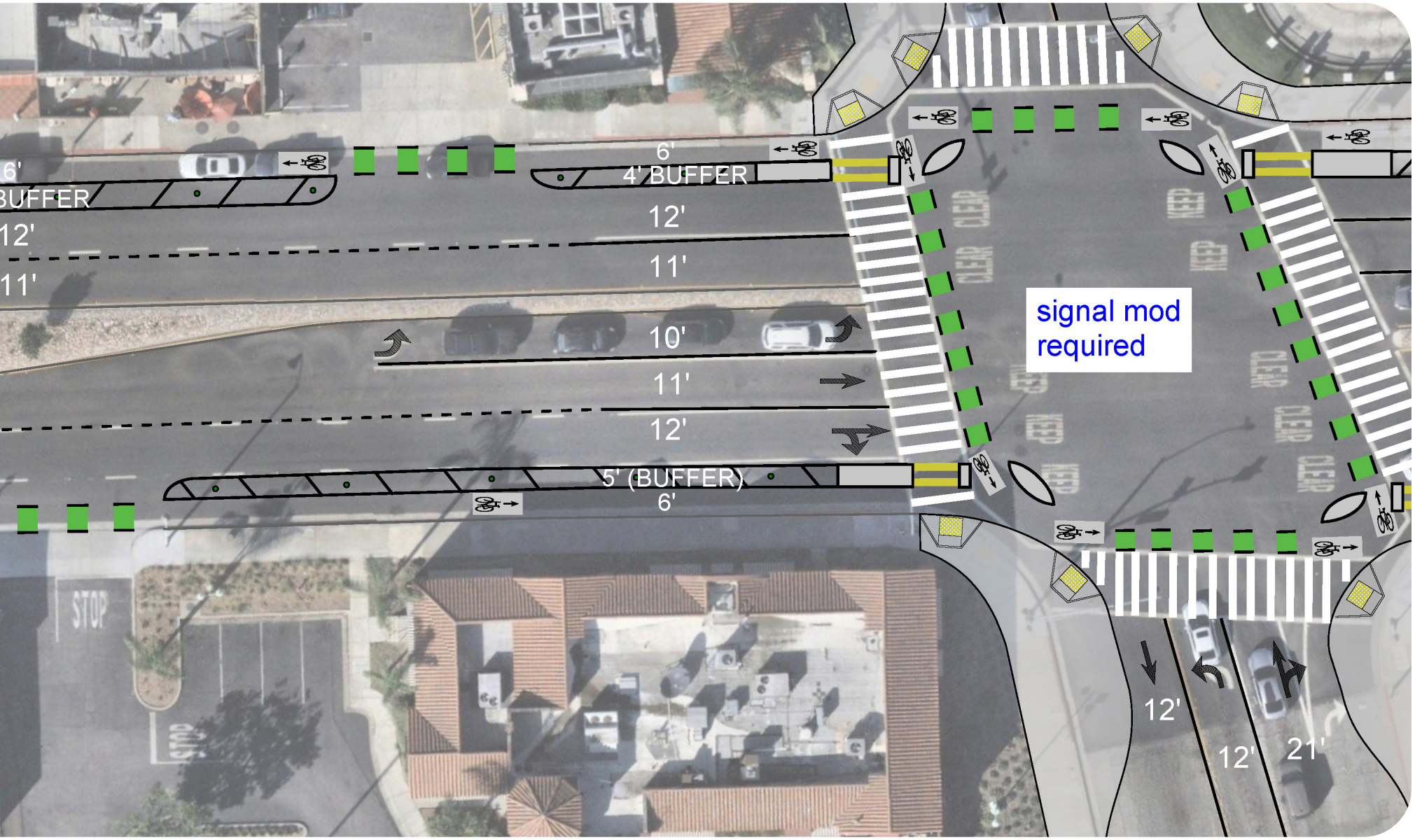


Site Plan #1: 30% Concept Design San Gabriel to Lindsey

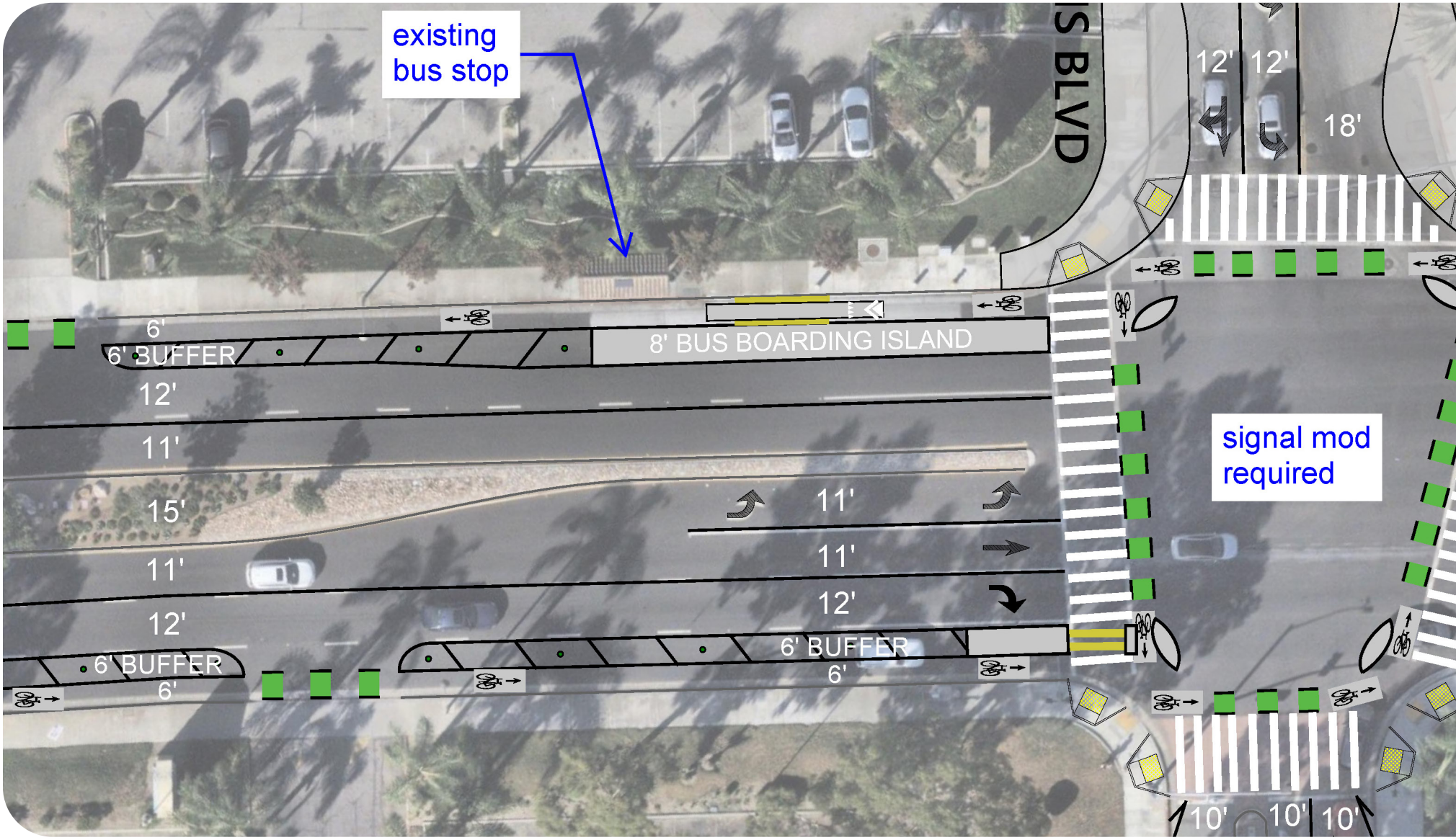

4' BUFFER
4' BUFFER
6'
8' (BOARDING ISLAND)
10'
11'
15'
11'
12'
6' BUFFER
5'
6'
12'
11'
10'
signal mod required + possible ped scramble
existing bus stop
21'
18'
©2023 Nearmap

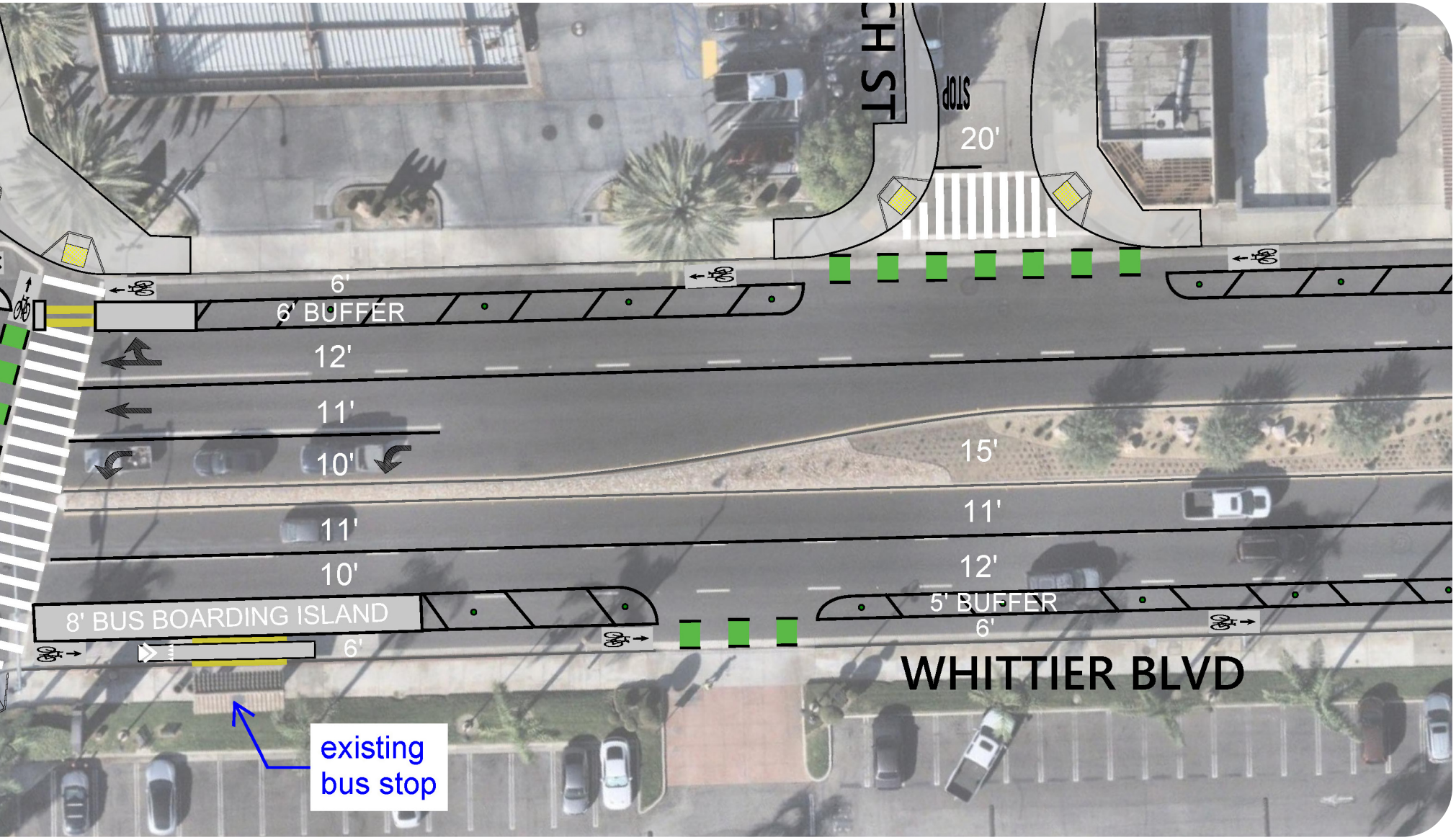
Site Plan #2: 30% Concept Design Lindsey to Durfee



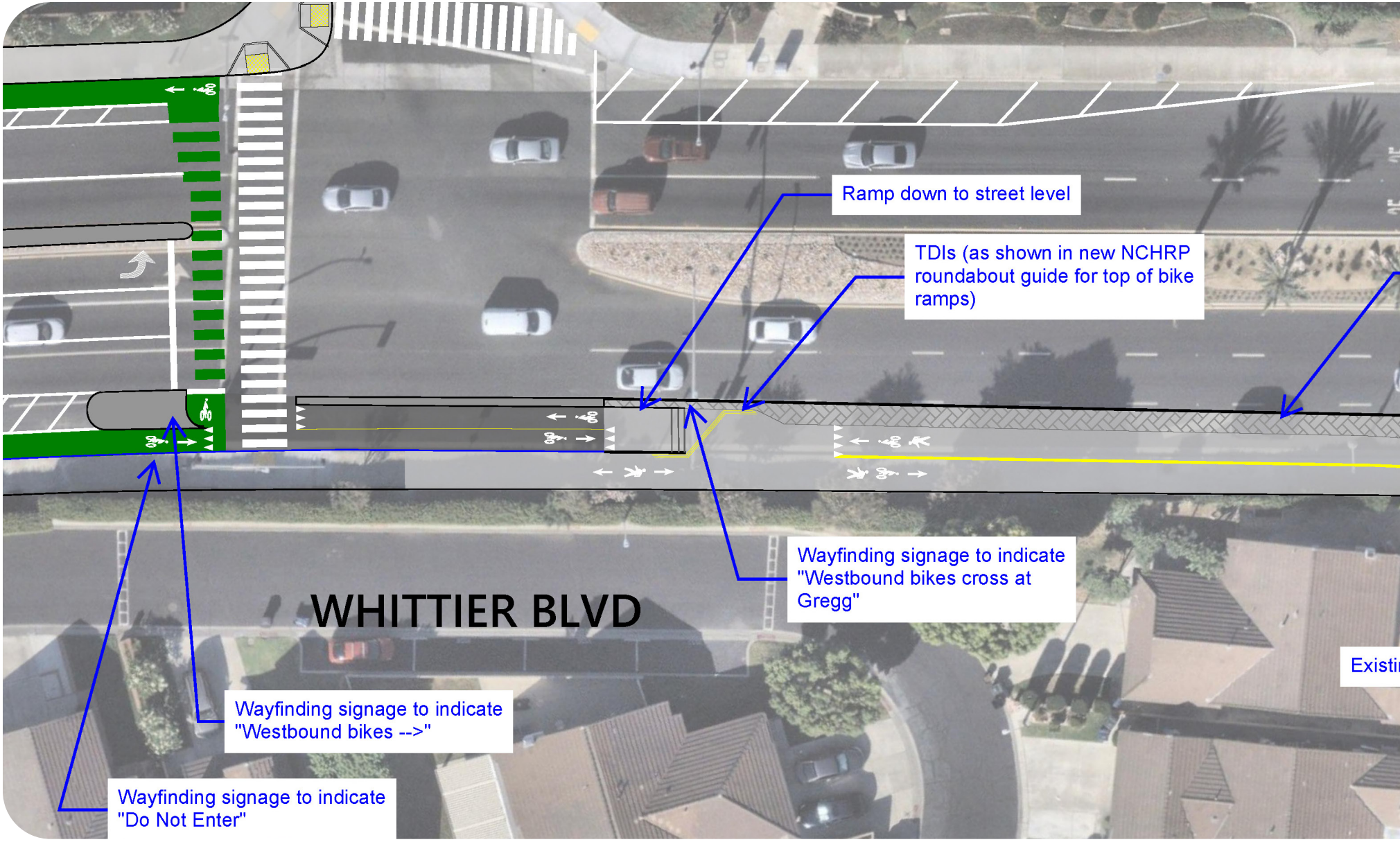

6'
4' BUFFER
12'
11'
10'
11'
12'
5' (BUFFER)
6'
signal mod
required
12'
12'
21'
STOP

Site Plan #3: 30% Concept Design: Passons to Church




CH ST
STOP
20'
6'
6' BUFFER
12'
11'
10'
15'
11'
11'
12'
10'
5' BUFFER
6'
8' BUS BOARDING ISLAND
6'
WHITTIER BLVD
existing
bus stop

Site Plan #4: 30% Concept Design Gregg to San Gabriel River



Note: the designs are a result of a collaboration with BKF engineers, who are contracted for the Pio Pico State Historic Park Connector Project.

5' buffer per HDM requirements
ng trail connection
Conform to approved trail cross section

Parking

Parking is a key element of the mobility plan that requires balance between current expectations, perceptions, and needs of the public; existing conditions; and future conditions and best practices that will enable shifting the Specific Plan area and City away from vehicle (including parking) dependency.

Today, because most cities and neighborhoods are car dependent people need to drive and park for accessing destinations. However, most people expect to be able to park as close as possible to their destinations, which leads to perceptions that parking is limited.

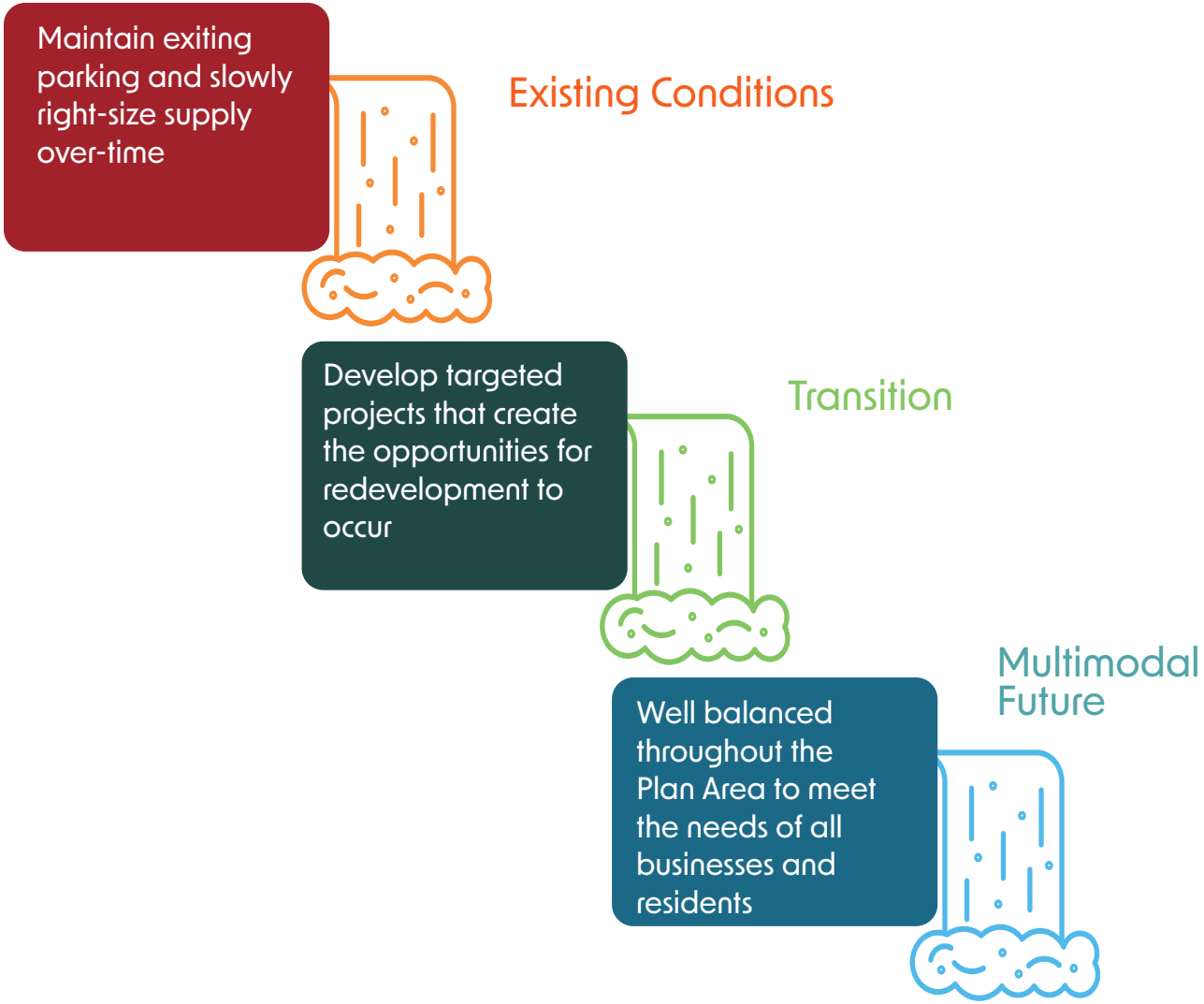
One of the Plan Areas most prominent characteristics is the abundance of parking, which is **currently approximately 50-60% utilized throughout the entire study area**.

To support a more multimodal future, parking supply needs to be right-sized and redistributed to meet current demand, and then gradually encourage shifting to other modes (walking, biking, transit) paired with other multimodal improvements.

Key parking management strategies as well as some specific projects are shown on the following pages. They are organized from the short-term to long term strategies and policies.

General Strategies / Approaches

The overall parking approach will generally include small individual projects so that successive changes will build upon previous projects. The recommendations for managing parking focus on the following:



Short-Term

Maintain Needed Supply; Move to Parking Maximums; Develop Shared-Use Agreements

Challenges:

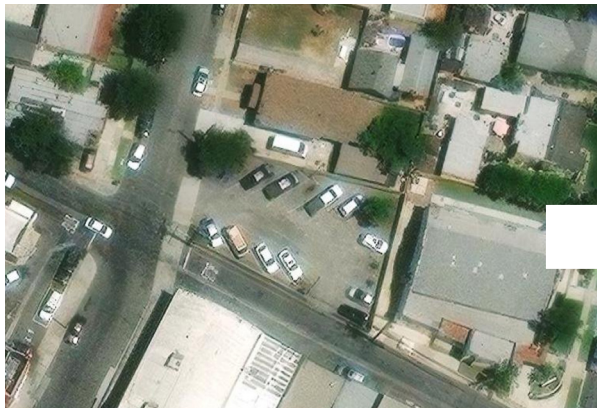
1. Removal of approximately 100 on-street space along Whittier Boulevard
2. There are acute locations where parking is heavily utilized and desired
3. Overall there is an oversupply of parking, which limits redevelopment potential and creates a cycle of driving
4. Existing regulations mandate the development of excess parking (i.e., minimum parking requirements)
5. There is not enough flexibility for businesses to test new parking alternatives and ideas

Approaches for Solutions:

1. Retain existing parking supply (between on-street and off-street parking) within a 2-block area where parking is over 75% utilized
2. Create new parking for lost parking in utilized areas
3. Implementation of parking maximums within the Specific Plan to limit new parking that is created
4. Enable shared-parking approach for off-street parking to give businesses and property owners flexibility to share parking supply and generate additional revenue
5. Create flexible spaces that can be utilized both as plaza spaces as well as parking

Recommended Projects:

1. Create angled parking along Jackson Street and Durfee Avenue (between Whittier and Passons - see page 67)
2. Update ground material of City-owned public parking lots along Speedway Alley and include new trees
3. Develop a set schedule for use of the Speedway Alley (Los Paseos) parking lots/ plazas to allow parking during day hours and plaza space for evenings and events
4. Introduce flexible use of existing public parking lots to be used a hybrid plazas during off-peak hours to support community events and business activity



Example of how existing Speedway alley parking lots can be updated with new pavement materials to be flexible plaza/parking areas. One Colorado Plaza in Pasadena is the same size as existing Speedway Alley parking lots.

Regular Monitoring of Parking Utilization Levels; Development of Publicly Accessible Parking Structure(s)

Challenges:

1. As small changes to parking supply and destinations occur, monitoring is needed to ensure that everyone has appropriate access to and supply for parking
2. There is not enough room to provide surface parking for new developments within the Specific Plan area
3. Current land values and development costs make redevelopment difficult

Approaches for Solutions:

1. Monitoring parking utilization based on future development
2. Pursue development of a publicly-accessible parking structure
3. Develop financial and other incentives that could be used by developers to building parking structures and/or build structures through a public-private partnership (P3)
4. Targeted redistribution of public parking throughout the plan area as redevelopment occurs (e.g. Speedway Alley).
5. Develop policies for reinvestment of parking fees to improve streets, sidewalks, and/or businesses

Recommended Projects:

1. Create angled parking along San Gabriel Place (see page 66)
2. Formalize incentives and land use development standards as part of the Specific Plan (2024).
3. Develop a parking structure on the south side of Whittier Boulevard between Durfee Avenue and Paramount Boulevard. This could be a stand alone parking structure or as part of a mixed-use redevelopment. The location of the first parking structure needs to be within walking distance for multiple destinations.

Example of a public parking structure with a rooftop playground that is accessible to the public via an exterior staircase that also encourages exercise.

Long-Term

Updated On-street Parking Regulations; Right-sizing Parking Supply

Challenges:

1. As parking structures are developed, on-street parking needs to be updated to ensure that parking structures are utilized - ensuring that they are economic assets
2. As redevelopment occurs and Whittier Boulevard becomes a destination, there may be higher demand for parking
3. Keeping a good balance between demand and supply as parking (either overall supply or relative supply) is reduced in order to enable and complement shift to multimodal transportation network
4. Maintaining engagement with the community to be regularly updated with projects/policies that are successful and/or creating challenges

Approaches for Solutions:

1. Potentially implement parking policies to ensure that residents have a place to park in their own neighborhoods, and affordable parking options in the City
2. Reduction of on- and/or off-street parking spaces
3. Have the community to be partners in the conversations for advancing more transformation parking projects (e.g., if the community wants to keep the Los Paseos parking/plaza spaces permanently as plaza spaces)

Potential Projects:

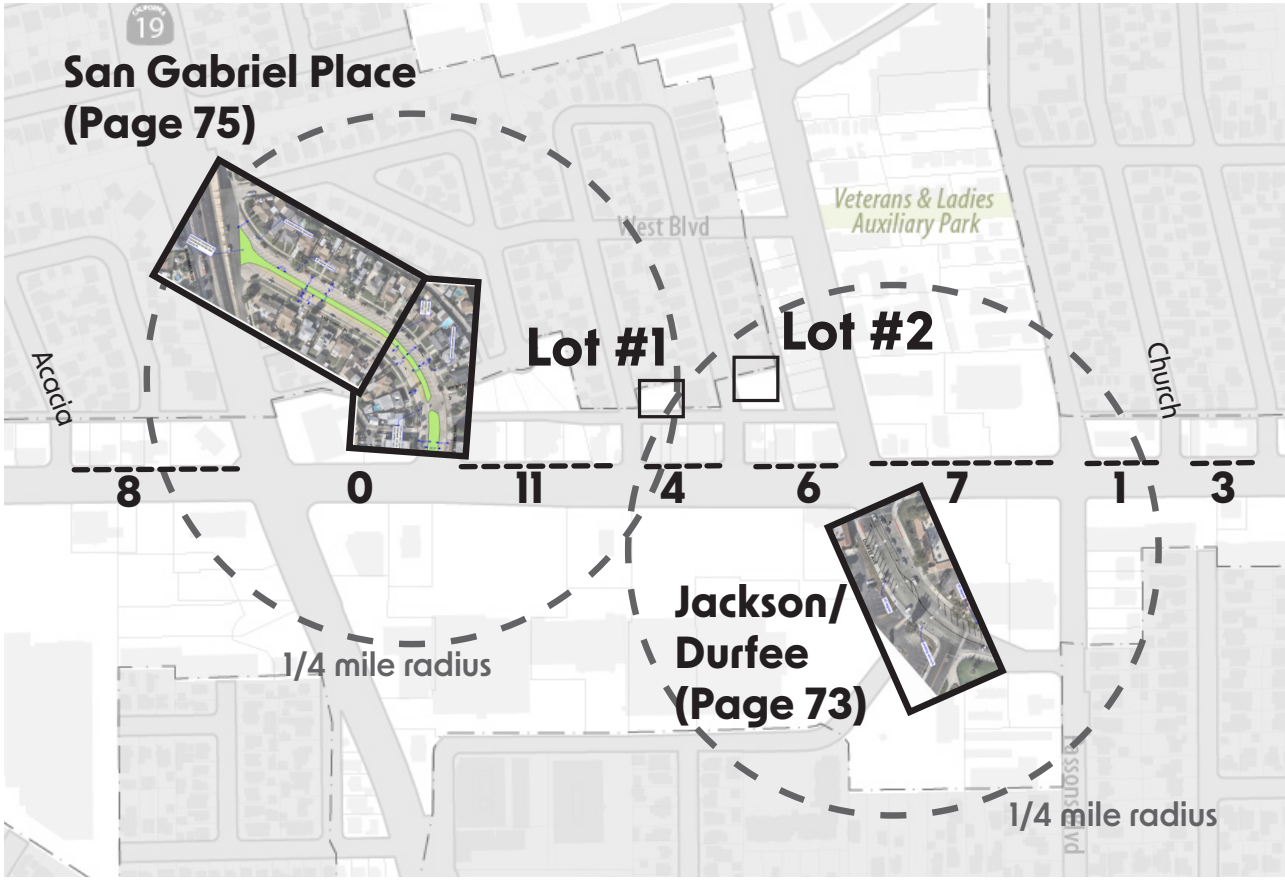
1. Permanent conversion of Los Paseos parking/plaza spaces to plazas
2. Additional publicly-accessible or P3 parking structures
3. Updates to parking standards within the Specific Plan
4. Residential street parking permits
5. Resident discounts for parking payment zones

Example of parking structure with green wall that provides public and private parking spaces.

Example of on-street parking signage that restricts parking except for local residents.

Summary of Parking Projects

Updated designs for San Gabriel Place and Jackson Durfee can both provide additional parking, as well as improve the pedestrian environment on those streets by better utilizing excessive, unused road space. Between Rosemead Blvd. and Church St. - which provide the boundary of area that is within 1/4 mile of the updated streets - there are 28 existing on-street spaces along Whittier Blvd. to be removed for protected bike lanes. Adding 45 degree angle parking on San Gabriel and Jackson/Durfee could provide approximately 105 spaces. This would result in a net increase of approximately 40 spaces within a 1/4 mile distance of the two streets. This additional parking capacity could further enable additional conversion of parking/street space to pedestrian areas, such as conversion of public parking lots #1 and/or #2 to plazas, in the future based upon continued engagement and monitoring of parking demand.



Summary of on-street parking that could replace on-street parking along Whittier Boulevard:

	On-Street Parking				Space for Wider Sidewalks, Landscaping, Etc.		
	Existing	30 Degree	45 Degree	60 Degree	30 Degree	45 Degree	60 Degree
Whittier Boulevard (Rosemead to Church - within 1/4 mile)	28						
San Gabriel Place (Whittier to Rosemead)	~ 40	~50	~ 70	~ 90	15 feet	12 feet	8 feet
Durfee / Jackson (Whittier to Passons)	0	~25	~35	~45	9 feet	5 feet	5 feet
Total	~ 68	~75	**~ 105**	~135	Net increase of 40 parkings spaces based on recommended 45 degree angle		

Durfee Avenue / Jackson Street

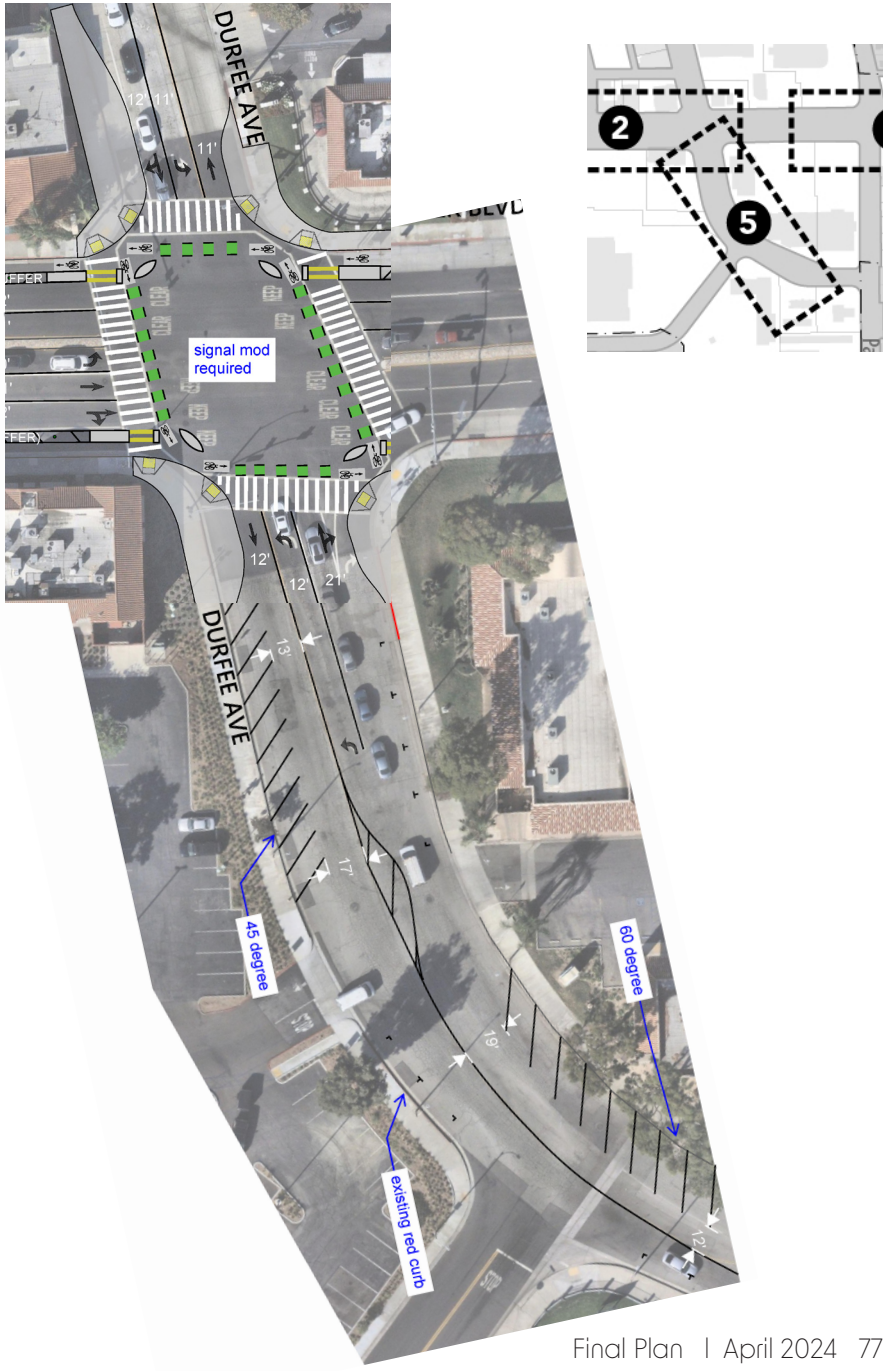
Similar to San Gabriel Place, Durfee Avenue and Jackson Street between Whittier Boulevard and Passons Avenue has an excessive roadway width. Overall, this road section is confusing to drive even though it only includes only two travel lanes, but it has a street right-of-way that varies between 40 and over 60 feet wide, multiple curb cuts, and limited on-street parking.

Existing condition with excess road space and narrow sidewalks

Jackson/Durfee angled parking should be located along the sidewalk edge. It is recommended at a 45 degree angle in order to maximize on-street parking and still provide some space for a wider sidewalk. It is also recommended to add curb extensions at Durfee/Whittier (shown to right) and other intersections of Jackson/Durfee and Jackson/Passons (not shown to right).

Example of angled parking with a sidewalk wider than the current condition

Site Plan #5: 30% Concept for Jackson/Durfee

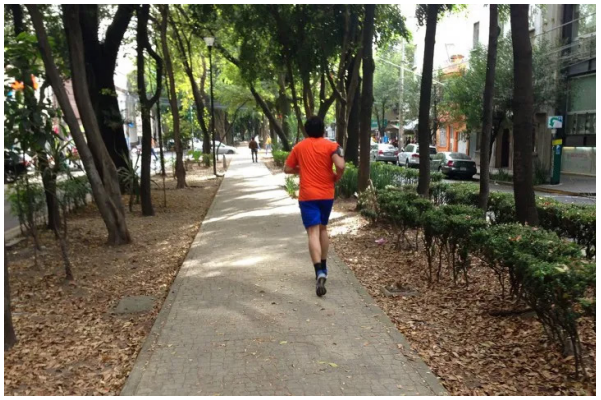


San Gabriel Place

San Gabriel Place is a local residential street with significant excess road space that creates unsafe conditions including vehicle donuts.

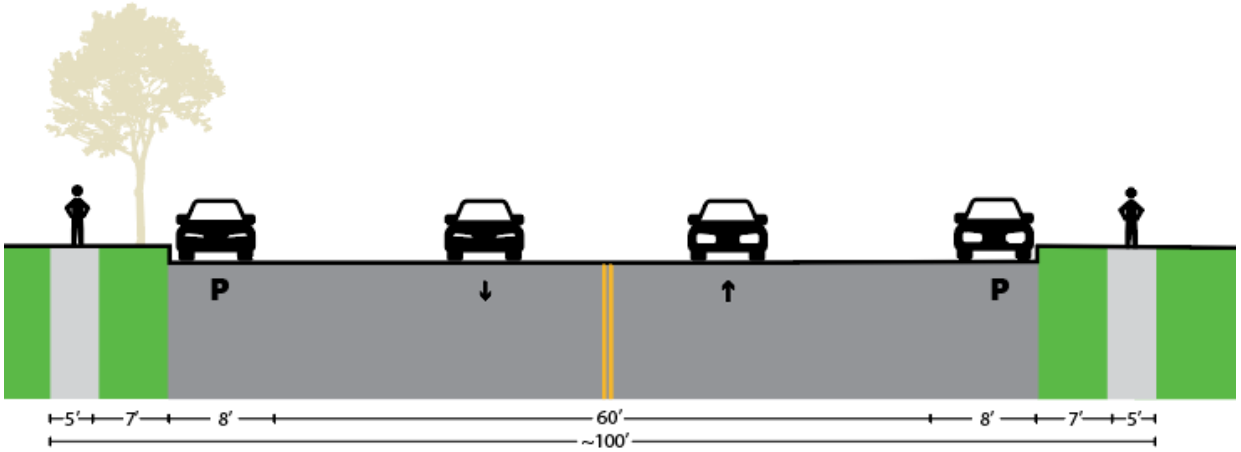
Existing condition with excess road space

San Gabriel Place is recommended to be updated to include a center landscape median that could also include a walking path like shown below. Instead of parallel parking on the outside, angle parking along the center median is also an design option as a way to replace the parking within the current parking lots along Speedway Alley.

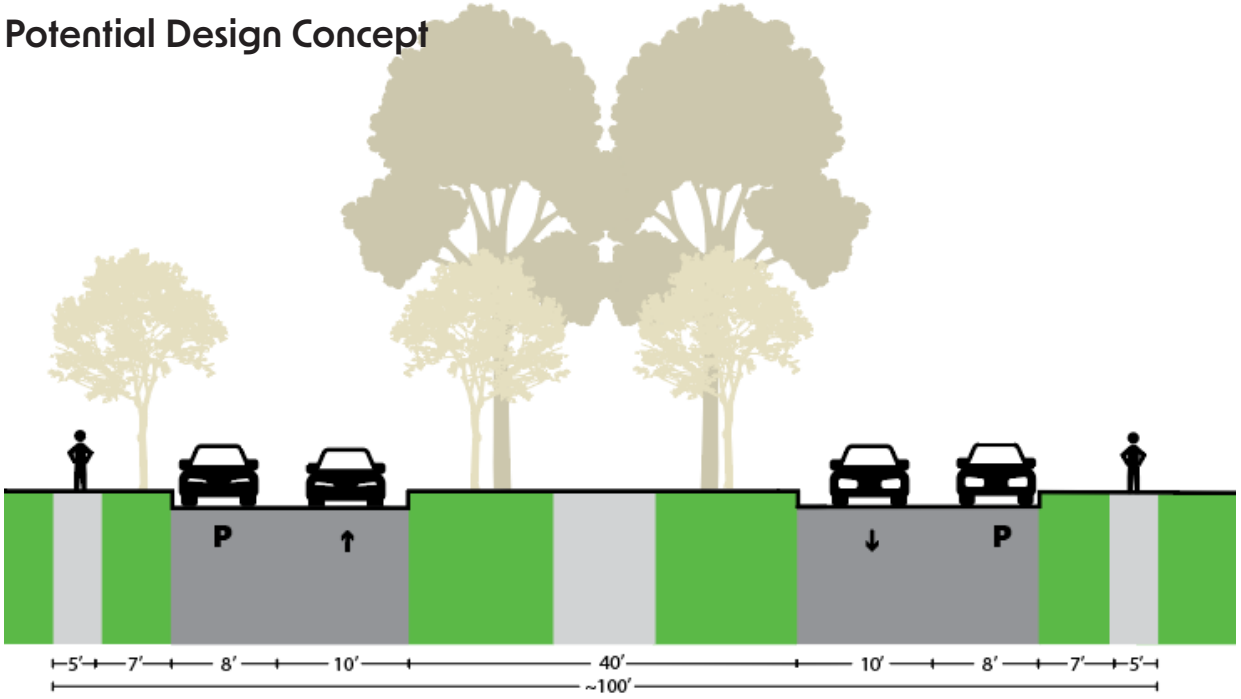


Center parkway with path, Calle Amsterdam, Mexico City

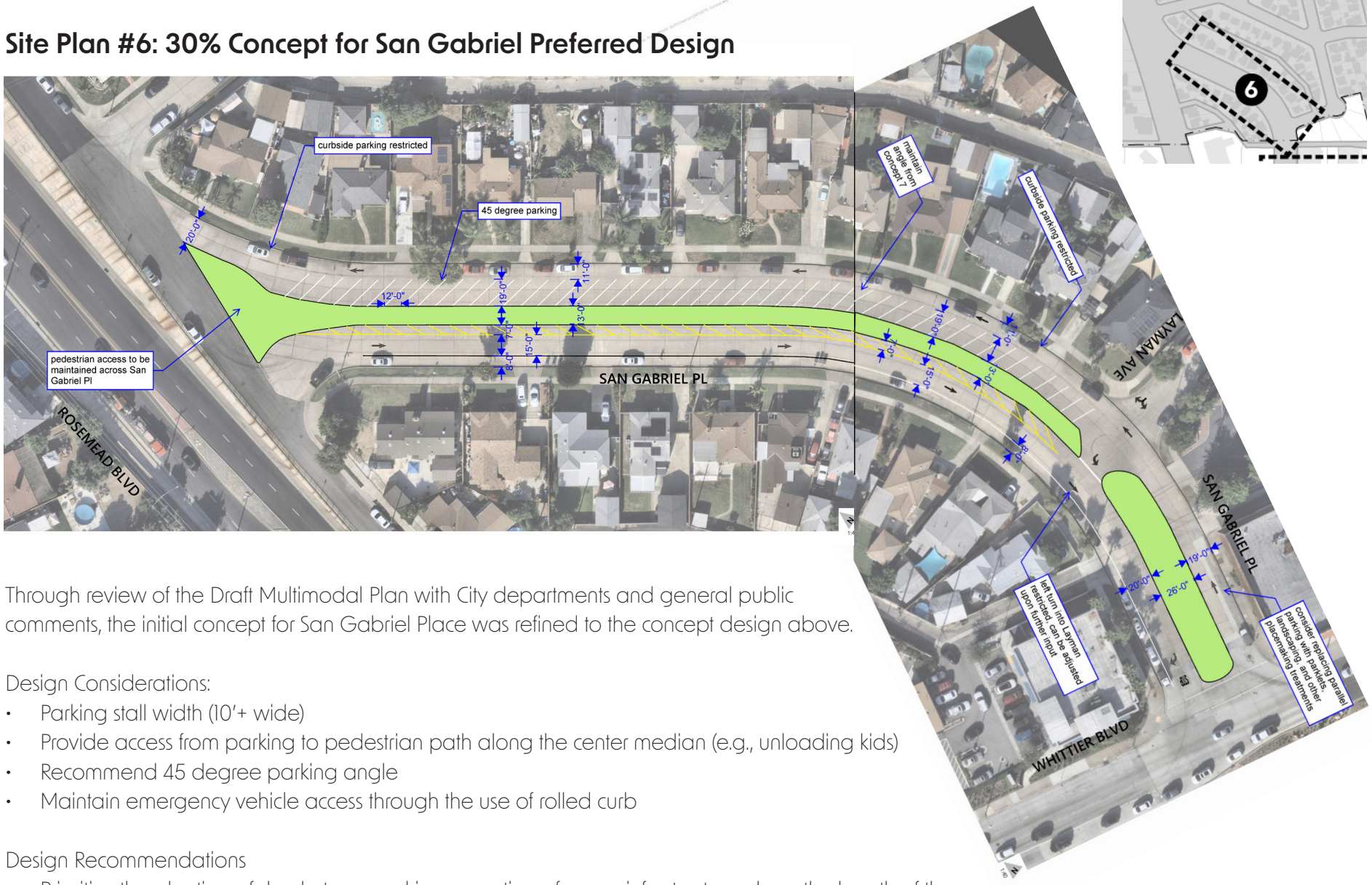
Existing Condition

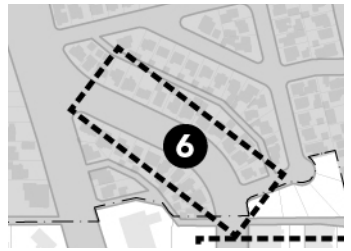


Potential Design Concept



Site Plan #6: 30% Concept for San Gabriel Preferred Design





Through review of the Draft Multimodal Plan with City departments and general public comments, the initial concept for San Gabriel Place was refined to the concept design above.

Design Considerations:

- Parking stall width (10'+ wide)
- Provide access from parking to pedestrian path along the center median (e.g., unloading kids)
- Recommend 45 degree parking angle
- Maintain emergency vehicle access through the use of rolled curb

Design Recommendations

- Prioritize the planting of shade trees and incorporation of green infrastructure along the length of the center median
- Prioritize micro parks and plaza spaces at either end of the center median
- A new crossing across Whittier Boulevard at San Gabriel Place - at the current sidewalks and/or center median

6 Policy & Design Guidelines

Introduction

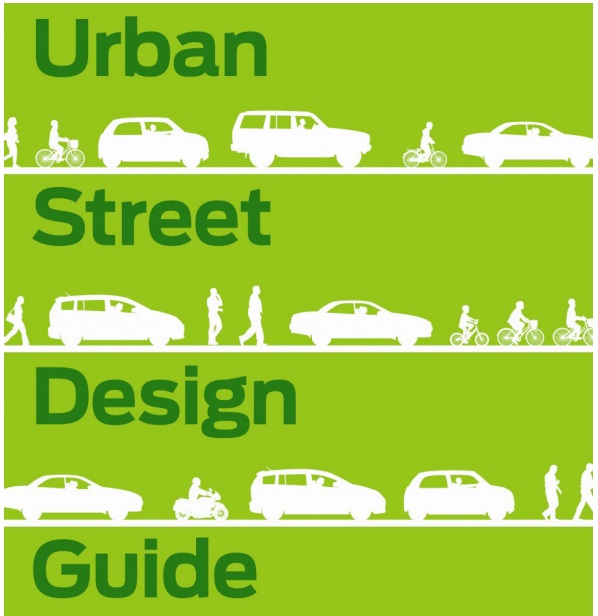
This chapter provides design details for the elements of the recommended networks and specific guidelines for the implementation of all projects throughout the Specific Plan Area. Together with the recommended networks in Chapter 5, these guidelines can provide a model for how streets could be updated throughout the entire City in future planning. Unlike the preferred design concepts and policy recommendations that should be taken as development rules, these are recommended but not mandatory elements for future projects, that create more enjoyable spaces for pedestrians, bicyclists, and transit users, which will need to consider specific factors such as costs/funding, physical constraints, and community input.

Key Elements of this Chapter include Design Guidelines for:

- Sustainability Districts
- Pedestrians
- Bicycles
- Transit
- Green Infrastructure
- Vehicles / Streets
- Parking
- Curbside Management
- Streetscape and Placemaking
- Lighting
- Materials
- Landscape Palette

Key Design Reference Documents::

- National Association of City Transportation Officials (NACTO) Design Guides
- LADOT Livable Streets



Sustainability Districts

The following guidelines will support future Sustainability District Certification:

Complete Streets Design:
Implement complete streets policies that prioritize safe and accessible transportation for all users, including pedestrians, cyclists, and public transit riders. This includes the integration of sidewalks, bike lanes, public transit infrastructure, and green spaces.

Transit-Oriented Development (TOD):
Promote transit-oriented development to encourage higher-density, mixed-use developments around public transit hubs. This can reduce dependency on private vehicles and enhance access to public transportation.

Multimodal Transportation Options:
Develop and promote a variety of sustainable transportation options, such as bike-sharing programs, car-sharing services, and electric vehicle charging stations.

Green Infrastructure for Transportation:
Incorporate green infrastructure elements, such as green streets, rain gardens, and permeable pavement, to manage stormwater runoff and enhance the ecological performance of transportation corridors.

Green Streets and Placemaking:
Create green streetscapes with landscaping, street trees, and public spaces to improve aesthetics, enhance community identity, and contribute to overall sustainability.

Smart Mobility Solutions:
Integrate smart mobility technologies, such as real-time transit information, smart traffic management systems, and data-driven planning, to optimize transportation efficiency and reduce environmental impact.

Affordable and Inclusive Transportation:
Develop policies and strategies to ensure that transportation options are affordable and accessible to all community members, addressing issues of equity and inclusivity.

Transportation Demand Management
Implement TDM strategies to reduce single-occupancy vehicle trips, including flexible work hours, telecommuting options, and incentives for using sustainable transportation modes.

Community Engagement:
Establish processes for meaningful community engagement in transportation planning, ensuring that local residents have a voice in decisions that impact their neighborhoods. This aligns with principles of social equity (ILFI Just Communities).

Monitoring and Evaluation:
Develop mechanisms for ongoing monitoring and evaluation of transportation systems, with an emphasis on performance metrics related to sustainability goals. This ensures continuous improvement and accountability.

Combining solar energy production with a shade structure and public art element creates multiple co-benefits.

Implemented design of the Superillles concept in Barcelona that redesigned streets for people and new green spaces. However, note the ground materials differentiate slight variations that show where local vehicles are still allowed.

Pedestrians

Pedestrian-oriented design prioritizes safe and accessible sidewalks, crosswalks, and social spaces. An improved pedestrian realm supports better health outcomes, boosts the local economy with more foot traffic, and contributes to a sense of place. The Plan Area currently lacks dedicated pedestrian spaces, access points to key destinations, and other amenities that create a comfortable walking environment.

General Approaches:

- Sidewalks should accommodate all roadway users regardless of physical abilities or age.
- All sidewalks, crosswalks and ramps shall be ADA compliant.

The following page includes streetscape guidelines will help improve the overall walkability of Pico Rivera and achieve desired pedestrian accommodations:

Plaza spaces on street edges

Wide sidewalks for strolling

Street trees

Parklets to support businesses and create activity

Variety of landscape and pavement materials

Raised pedestrian crossings for visibility, ADA, and traffic calming

Sidewalks

- Widen sidewalks to accommodate more pedestrian amenities such as bus shelters, benches, trees, lighting and small gathering spaces.
- Sidewalks should be built with durable, low-maintenance materials.
- Sidewalks should incorporate paving materials such as colored, stamped, stenciled or exposed aggregate in special areas.

Curb Extensions

- There will be a variety of curb extension design typologies (e.g., bioswale, community garden, outdoor dining, etc.), which the local neighborhood should have a voice in choosing their preferred design (shown to the right)
- Ensure curb extensions comply with accessibility standards, including ramped curb cuts, tactile paving, and adequate maneuvering space for wheelchairs and strollers.
- Painted curb extension areas are encouraged for the temporary design condition

Treelets

- Treelets should be planted on either side of parklets within on-street parking zones to provide shade and protection from vehicles.

Raised Intersections

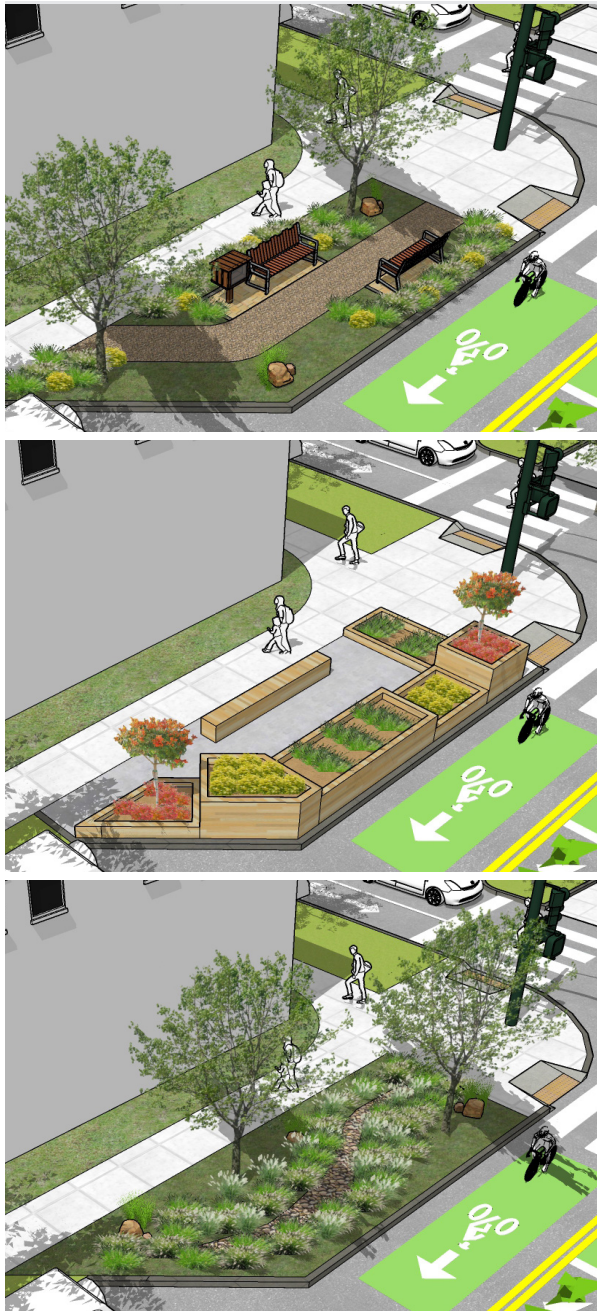
- Raised intersections should be installed at every local street crossing in the Los Paseos network.
- Local streets and entrances to parking lots should be raised to the sidewalk level for the width of both the bike lane and sidewalk.
- **Pair raised crossings with bioswales in order to ensure proper drainage.**

Crossings (Mid-Block and Scramble)

- Mid-block crossings are not recommended across Whittier Blvd.
- Mid-block crossings are encouraged in implementation of new street typologies and across local streets, particularly when connecting segments of the paseo network.
- Scramble crossings are allowed across Whittier Blvd., but are recommended as part of advanced design phases once redevelopment has occurred

Crosswalks

- All crosswalks should utilize leading pedestrian interval (LPI) timing
- All crosswalks (i.e., for signals and stop signs) should use bright reflectors and high-visibility markings (e.g., continental crosswalks) to increase safety and visibility.
- Painted crosswalk patterns are encouraged



Example of how the same area of a curb extension can be designed to accommodate different uses based on needs of specific locations.

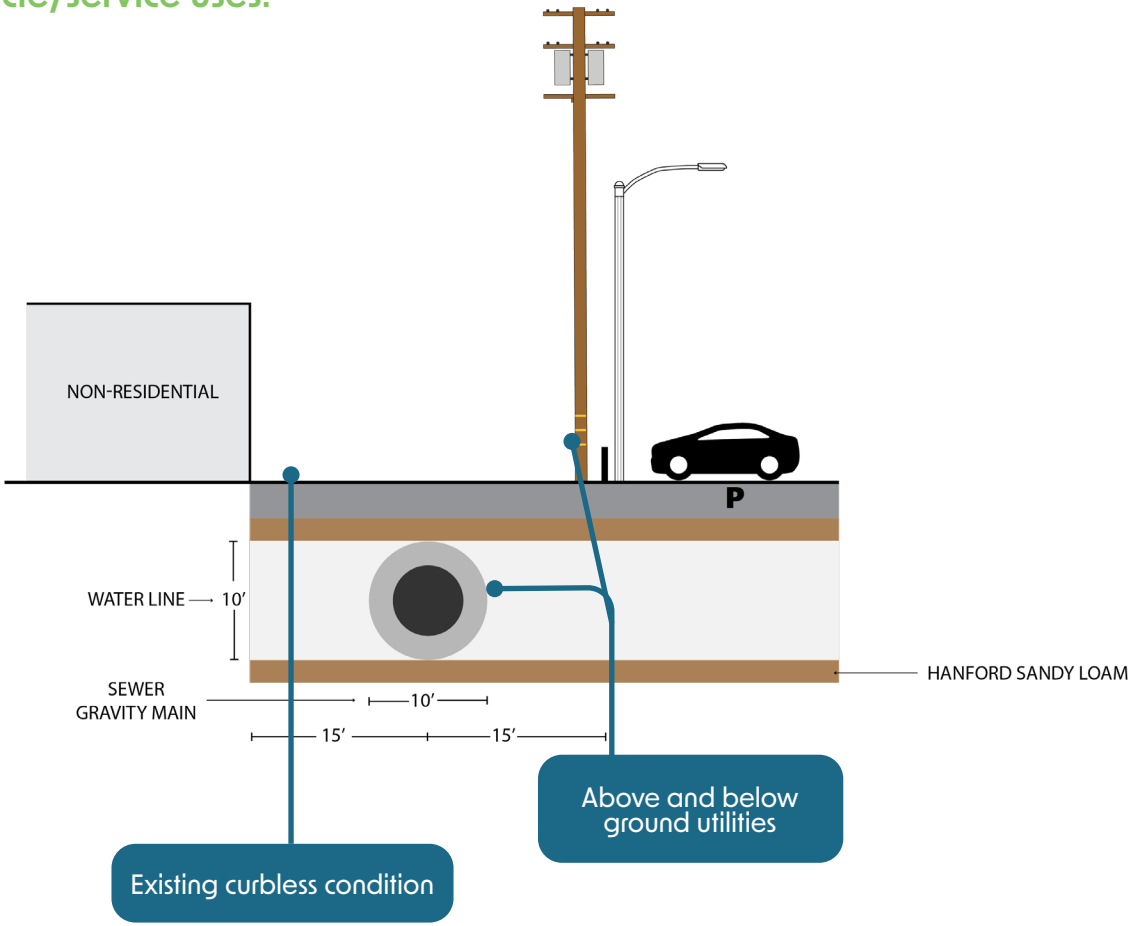
Paseo Typology

The first new typology would apply to the conversion of existing alleys behind Whittier Blvd. and Durfee Ave. into pedestrian paseos, which would also be able to support vehicle circulation. These alleys would be based on the shared street (i.e., "woonerf") approach. Major elements would include: curbless streets, permeable paving materials, flexible spaces and activities, street trees and green infrastructure, outdoor dining, pedestrian-oriented features like lighting.

EXISTING | Speedway Alley

LOCATION F:
Speedway Alley at Lindsey Ave.

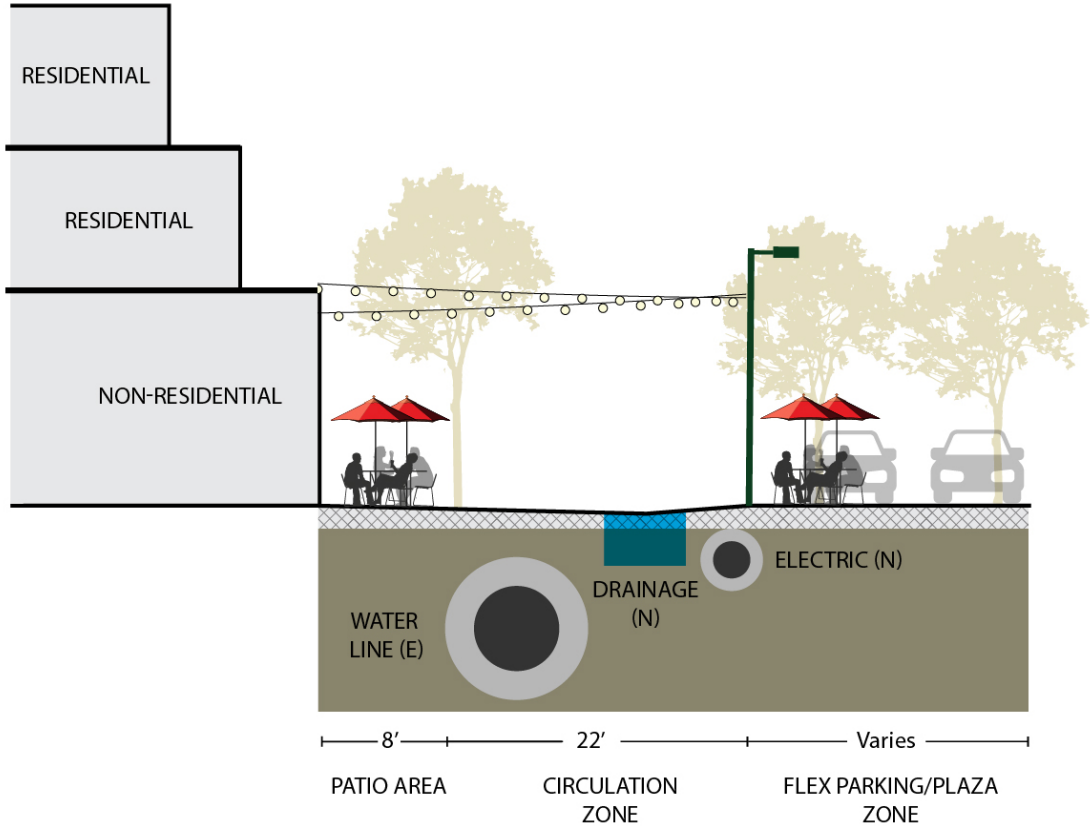
Existing alleys are utilitarian for vehicle/service uses.



LOCATION F CONCEPT | 30′ Pedestrian Paseo / Shared Street

PRECEDENTS

The updated Paseo network would include new paving materials; incorporation of new trees, lighting, and green infrastructure; and undergrounding of existing electric lines.



Design Guidelines for New Paseo Typology:

- Parking lots along Los Paseos should be the same permeable pavement materials as Los Paseos
- Elements such as overhead lighting, outdoor dining areas, street trees and landscaping, and other pedestrian amenities should keep space available for emergency and service vehicles
- Prioritize green infrastructure solutions for drainage; drainage (and slope to drainage) can be off-center to accommodate existing and new underground utilities; prioritize undergrounding of utilities and infrastructure

Bicycles

Bicycle amenities are vital in creating a safer and more inviting Whittier Boulevard. Improved bike amenities contribute to better connections between homes, jobs, businesses, and activity zones by providing a safer, lower cost, more desirable alternative to driving. The current bike infrastructure in Pico Rivera is limited to two Class-I Bike Paths and one Class-II Bike Lane. In order to improve the overall cycling accessibility and safety, new bike facilities need to be incorporated throughout Pico Rivera.

General Approaches:

- Enhanced bicycle facilities that provide the highest level of safety.
- Provision of amenities, such as bicycle parking, that support bicyclist needs

The following page includes streetscape guidelines will help improve the overall bikeability of Pico Rivera and achieve desired bicycle accommodations:

Short-term bike rack with green roof (or solar panels)

Bicycle Hub for long-term parking and repairs

Green painted bike lane in vehicle conflict zones

Bike lane raised to sidewalk

Protected Bicycle Intersection

Bioswale buffers for protected bicycle lanes

Bicycle Network

- Install Class-I and Class-IV wherever feasible to further enhance accessibility and safety for bicycles.

Protection / Barriers

- For temporary and permanent conditions, barriers should be durable and strong enough to protect from vehicles - e.g., plastic bollards not recommended; movable planters are recommended
- Bollards are allowed when separating direction of bicycle traffic
- If using temporary design conditions that includes temporary bollards and striping to create protected bicycle lanes, bollards (or similar elements) should be placed frequently enough (between 2-5 feet apart) to prohibit vehicles from entering the bicycle lane.
- If a two-way cycle track is utilized, bollards should be placed in the center of the cycle track at every intersection and curb cut to prohibit vehicles from entering the cycle track.

Pavement Materials

- Bike facilities should include bright reflectors and be painted or textured with material such as Polymer Cement Surfacing to emphasize the bike lanes, key areas of transitions and turns, and create a safer roadway for all cyclists.

Intersections

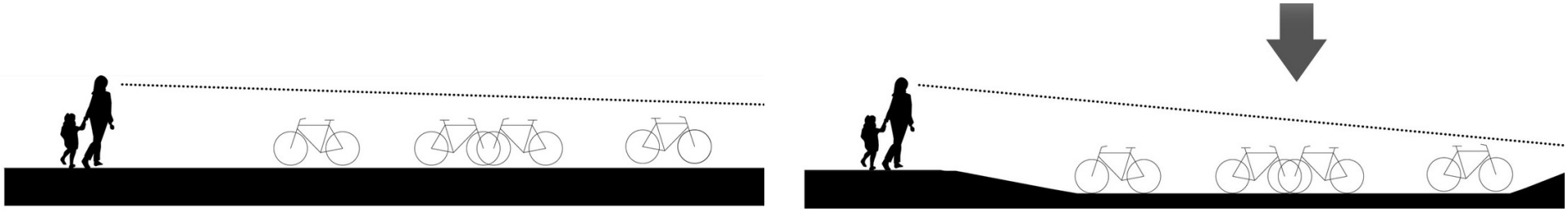
- Dashed, painted bike lane crossings should be incorporated in all intersections to create safer paths for cyclists.

Bicycle Amenities

- Elements such as a bicycle trip counter should be installed in a prominent location along Whittier Boulevard to track and encourage bicycle use

Bicycle Parking

- There should be different bicycle parking facilities provided for different parking needs from short-term to long-term parking
- If incorporating bicycle parking in outdoor plaza spaces, areas should be slightly depressed, which will allow clear sight lines through the plaza unobstructed by bicycles (see image below). Additional benefit of this design feature is the opportunity for these locations to act as rainwater collection points.
- Bicycle parking shelters should incorporate green roofs and/or solar panels



Slightly depressing bicycle parking intuitively creates boundary for parking zone and allows for clear sight lines

Transit

General Approaches:

- Transit infrastructure that supports faster service and minimizes conflicts between different road users.
- Transit amenities that facilitate connections to other modes of travel and create a sense of comfort and safety.

The following page includes streetscape guidelines will help improve the overall transit experience of Pico Rivera and achieve desired transit-user accommodations:

Bus Stops

- Bus stops should be relocated to be on the far-side of all intersections
- All bus stops should include a shade shelter, seating, and trash receptacles
- All bus stops should include real-time bus arrival information
- All bus stops should include complete bus schedules for buses that are served, a system map, as well as information related to key multimodal transfers

Transit Shelters

- All transit shelter should include a green roof and/or solar panels
- All transit shelters should include real time bus arrival
- Personal ride share services and other multimodal amenities (e.g., bicycle repair station) should be co-located with major transit stations
- The roof of transit shelters should be design and oriented to provide shade to seating areas during hours of 10am to 4pm in July through November

Transit Shelter Islands

- All transit shelter islands should be a minimum of six feet wide
- Transit shelter islands should be at the same level as the sidewalk
- There should be a priority to raise bicycle lanes to the level of the sidewalk and transit shelter islands to reduce the need for curb ramps
- Placement of the transit shelter, differing pavement materials, and/or other barriers such as low landscaping and railings should be utilized to separate bicycle and pedestrian crossing/waiting areas

Solar panels and green roof bus (or micro-transit) shelter

Transit shelter islands

Multimodal and other amenities co-located with bus stops

Green Infrastructure

Green infrastructure improvements have the ability to reduce heat island effect,, reduce energy use, decrease flooding, protect water resources, improve air quality and increase biodiversity. The incorporation of green infrastructure along Whittier Boulevard will improve the overall character and environment for residents of Pico Rivera.

Landscape can also be used to enhance the overall character and vitality of a roadway by providing shade, cooling, filtering stormwater, and filtering air pollutants.
The following streetscape guidelines will achieve desired green infrastructure accommodations:

- Enhance the community's overall air quality, public health and livability by allowing for more sustainable, low-cost, desirable roadway solutions.
- Design pervious surfaces such as paver blocks with open seams for intersections, crosswalks, and sidewalks;porous concrete for gutters and alleyways; and porous pavements for parking stalls and/ or dive aisles.
- Consider permeable pavers in these areas to increase the infiltration of stormwater runoff.
- Incorporate biofiltration and bioretention features such as bioswales, rain gardens, drywells, and biofiltration "strips" in public parkways, within street curb bulb-outs, and in building setbacks.
- Where possible, convert bulb-outs, parkway planting areas, and landscaped medians into stormwater planters to collect and treat stormwater runoff.
- Install low pressure, low volume drip irrigation systems.
- Install reflective light colored pavement to reduce heat gain.
- All standing water should percolate within 72 hours of 85th percentile rain event
- Build upon lessons learned from the Landscape Median Project (completed in 2023), which is overwhelmingly received positive feedback from the community.

Rain garden within small plaza space.

Bioswale as part of curb extension.

Flow-through planter in sidewalk parkway area.

Stormwater Planter in bicycle buffer area.

Vehicles

Currently, vehicles make up the majority of roadway users along Whittier Boulevard, leaving little space for the most vulnerable users, pedestrians. Improvements to pedestrian amenities will enhance the overall character of Whittier Boulevard, making it a more convenient, desirable, walkable and safer environment for all Pico Rivera residents.

General Approaches:

- Implement complete street policies and designs
- Separate vehicles from other uses through urban design elements and traffic calming devices on main roads

The following page includes streetscape guidelines will help improve the overall roadway experience of Pico Rivera and achieve desired mobility accommodations.

Following the design guidelines, there are three street typologies that show how internal circulation of existing surface parking lots can be transformed into a more familiar configuration of a local street with bicycle and pedestrian facilities.

Modern parking strategies and infrastructure

Major streets that support all modes safely

Parking structures with community benefits

New typologies for local, pedestrian-oriented streets

Integrating green infrastructure

Traffic calming measures

Road Design

- The City should follow NACTO Urban Street Design Guidelines as the default design condition for Whittier Boulevard and other roadways
- All lane widths should be 10 feet wide, except for routes that include trucks or buses. For two lane routes with trucks or buses, lanes can be 12 feet wide. For streets with four or more lanes, the outside lane can be 12 feet wide, but all other travel lanes should 10 feet wide.
- Turning radius should be a maximum of 15 feet radius for any intersection with a local street

Materials

- All streets with speed limits of 25 mph or less should utilize a permeable paving surface, as the vibrations from cobblestones and permeable paving act as a natural traffic calming device
- The use of asphalt is not recommended

Paseos

- Vehicle use of paseos should be limited to specific hours and specific types of vehicles
- Commercial deliveries and city services (e.g., trash collection) should be limited to specific hours - e.g., before 10am

Local Streets (Existing)

Includes all residential streets, as well as Olympic Boulevard, Passons Boulevard, Verner Street and similar.

- Curb extensions should be developed at all corners of the intersection of two local streets of that provides on-street parking.
- Curb extensions should be developed on the local street when a local street intersects with an arterial or collector; they do not need to extend into the arterial/collector street if there is no on-street parking.

Arterial/Collector Streets

Includes: Whittier Boulevard, Paramount Boulevard, Rosemead Boulevard, Durfee Avenue, and similar.

- Right-turn lanes and slip lanes at intersections should be replaced with space for pedestrians, bicycles, and/or transit facilities.

New Street Typologies

Includes new circulation typologies that could be developed within existing surface parking lots.

- New street typologies should be developed as curbless streets.
- When new streets are developed at current unsignalized locations, they should be developed as right-in, right-out only condition to not require a left-turn lane
- Entrances to residential parking (surface or structured) should be prioritized to be from side streets that connect to Whittier Boulevard (i.e., typically Street Typologies # 1 and #2); residential parking access should be minimized along Paseos, Whittier Blvd, or new streets parallel to Whittier Blvd.

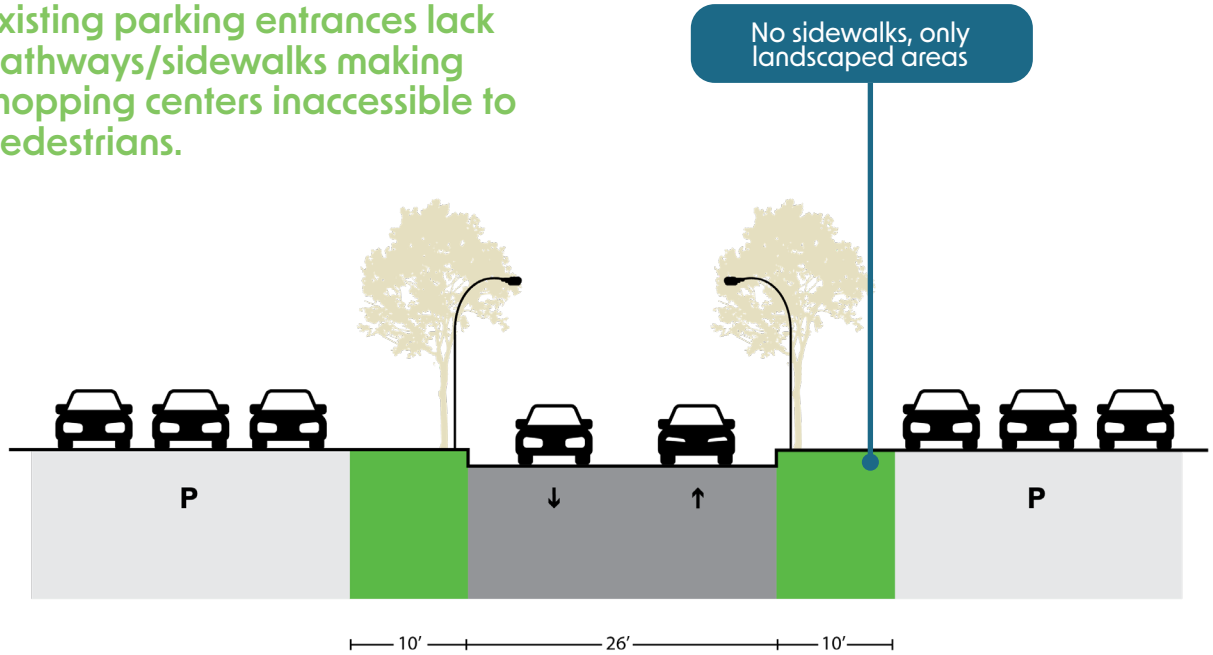
New Street Typology #1

The first new typology would apply to the conversion of existing entrances to surface parking lots into a typical local, more urban street design (not designated with a bike path). These routes would transition vehicle traffic from higher speeds/volumes along Whittier Blvd. into a more pedestrian-oriented district. Major elements would include: reduction of traffic lane widths, adding sidewalks, and variable curbside management from on-street parking, deliveries, ride-share zones, and parklets.

EXISTING | Parking Entrance, with Sidewalk

LOCATION A, C:
In-N-Out Entrance

Existing parking entrances lack pathways/sidewalks making shopping centers inaccessible to pedestrians.



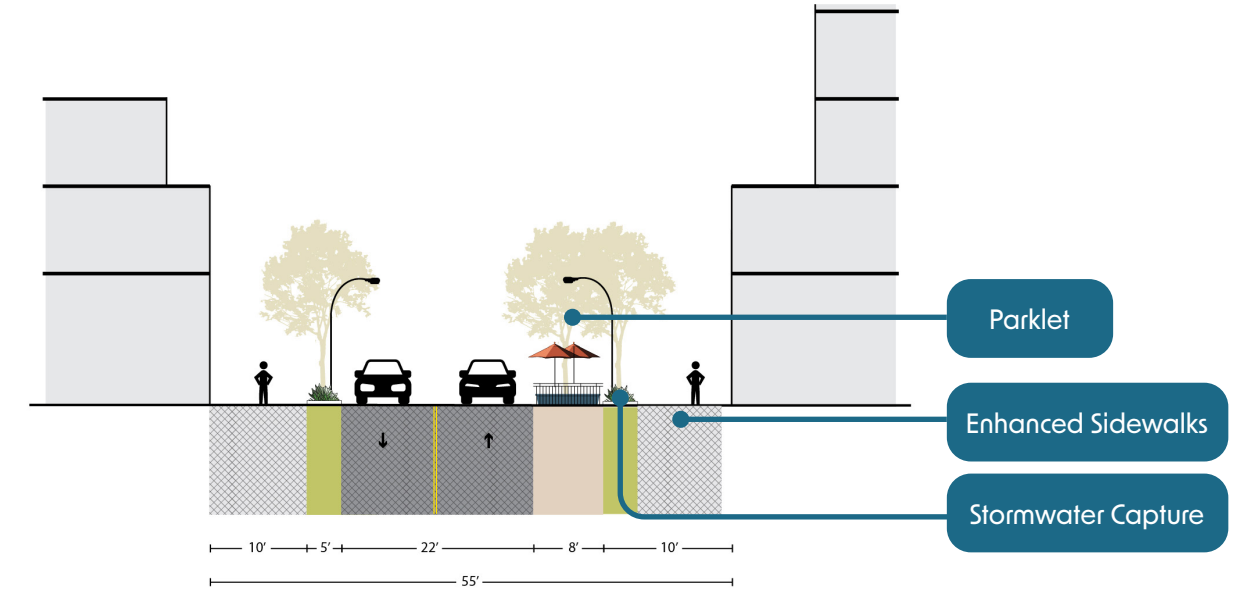
Design Guidelines for New Street Typology (shown on next page)

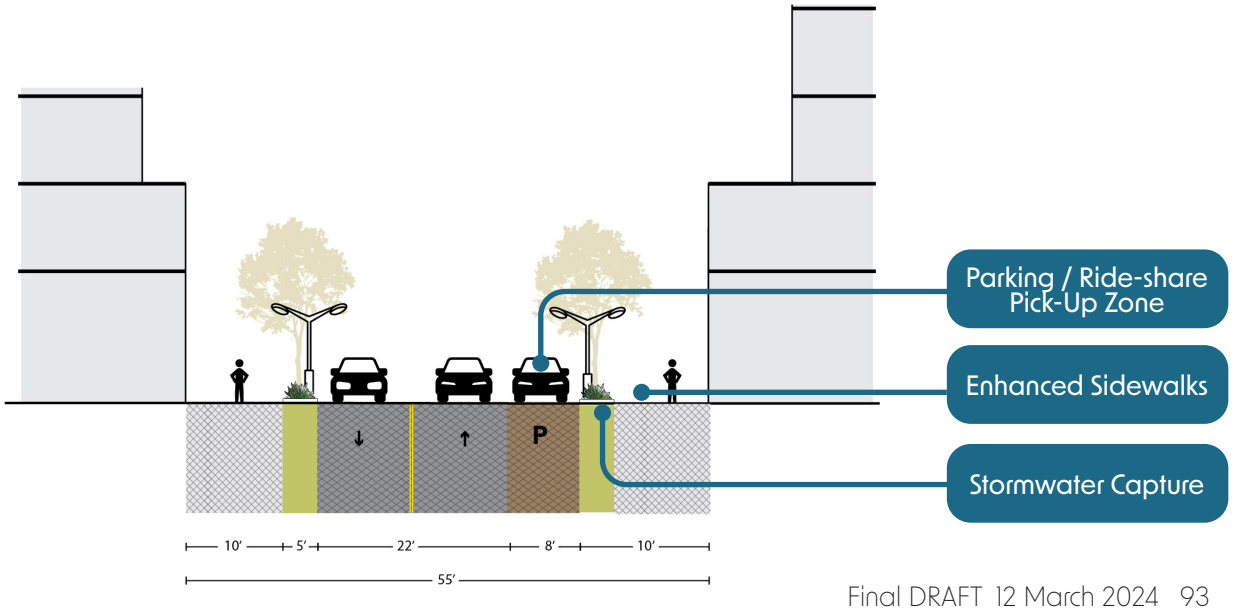
- Prioritize a curbless street condition with different pavement materials for vehicle areas, on-street parking, and sidewalk areas
- Use elements like pedestrian lighting, street trees, and built-in furniture as barriers between sidewalk and vehicle zones, rather than just bollards
- At current unsignalized intersections, future condition should be right-in, right-out; at signalized intersection a third lane for left-turn exit can be added
- Utilize bioswales at end of on-street parking areas, vehicle entrances, and transition areas between on-street parking and left-turn lanes

LOCATION A, C CONCEPT | Local Street Approximately 55' Width with Parklet or Parking / Ride-share Pick-Up Zone

PRECEDENTS

New streets would include new sidewalks and allow for variable curbside conditions such as parking, parklets, loading areas, and/or ride-share pick-ups.



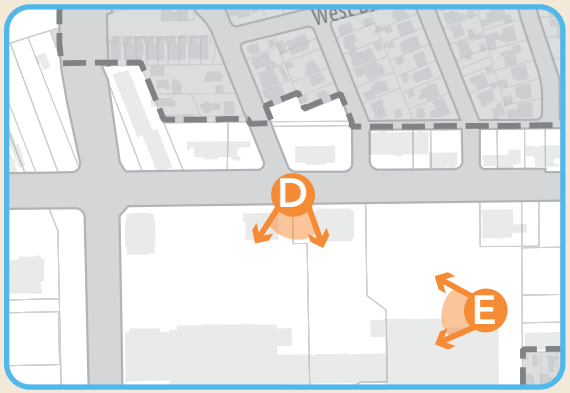


New Street Typology #2

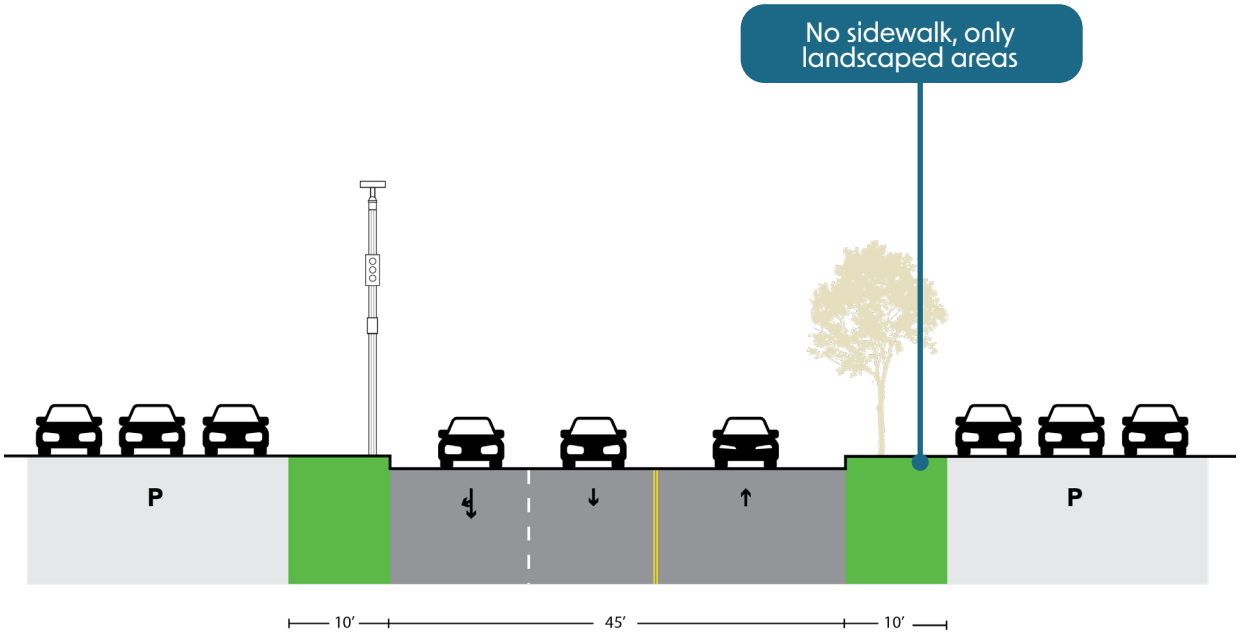
The second new typology applies in the same way to convert existing entrances into surface parking lots into a typical local, more urban street design to transition vehicle traffic from higher speeds/volumes along Whittier Blvd. into a more pedestrian-oriented district. It includes the same elements, but this typology prioritizes dedicated, protected (either raised to the same level as sidewalk if using curbs, or protected with a vertical element) space for bicycles.

EXISTING | Parking Entrance with 3 lanes & no sidewalk

LOCATION D:
Taco Bell Entrance



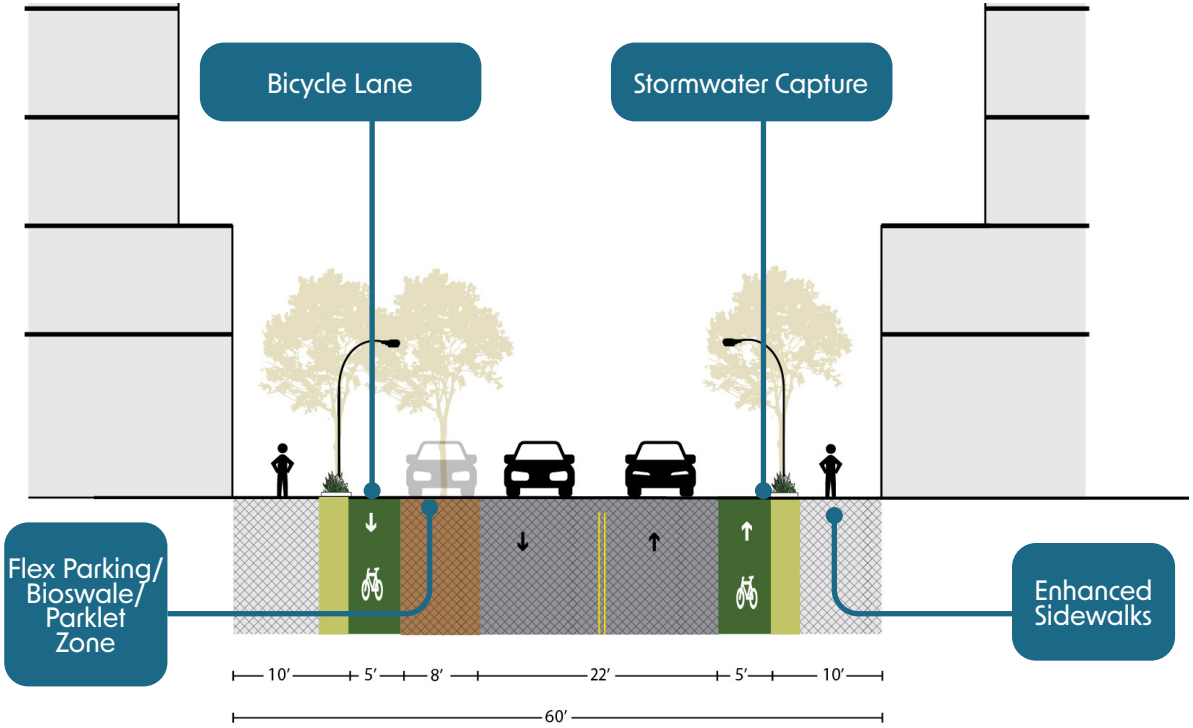
Existing entrances are wide and primarily function to serve the flow of traffic in and out of the shopping centers.



LOCATION D CONCEPT | Local Street Approximately 60′ in Width with Bicycle Lane

PRECEDENTS

New streets would include new sidewalks and bicycle lanes or cycle track instead of parklets. Wider street width would also allow slightly taller buildings.



Design Guidelines for New Street Typology:

- Prioritize a curbless street condition with different pavement materials for vehicle areas, on-street parking, and sidewalk areas
- Use elements like pedestrian lighting, street trees, and built-in furniture as barriers between sidewalk and vehicle zones, rather than just bollards
- Prioritize keeping separated bicycle lanes before addition of left-turn lane and/or on-street parking
- Prioritize protection of bicycle from vehicles through landscape zone, bollards, and/or rolled curbs
- Bike lanes should be at the same level of sidewalk if curbless street condition is not utilized
- At current unsignalized intersections, future condition should be right-in, right-out; at signalized intersection a third lane for left-turn can be used
- Utilize bioswales at end of on-street parking areas, vehicle entrances, and transition areas between on-street parking and left-turn lanes

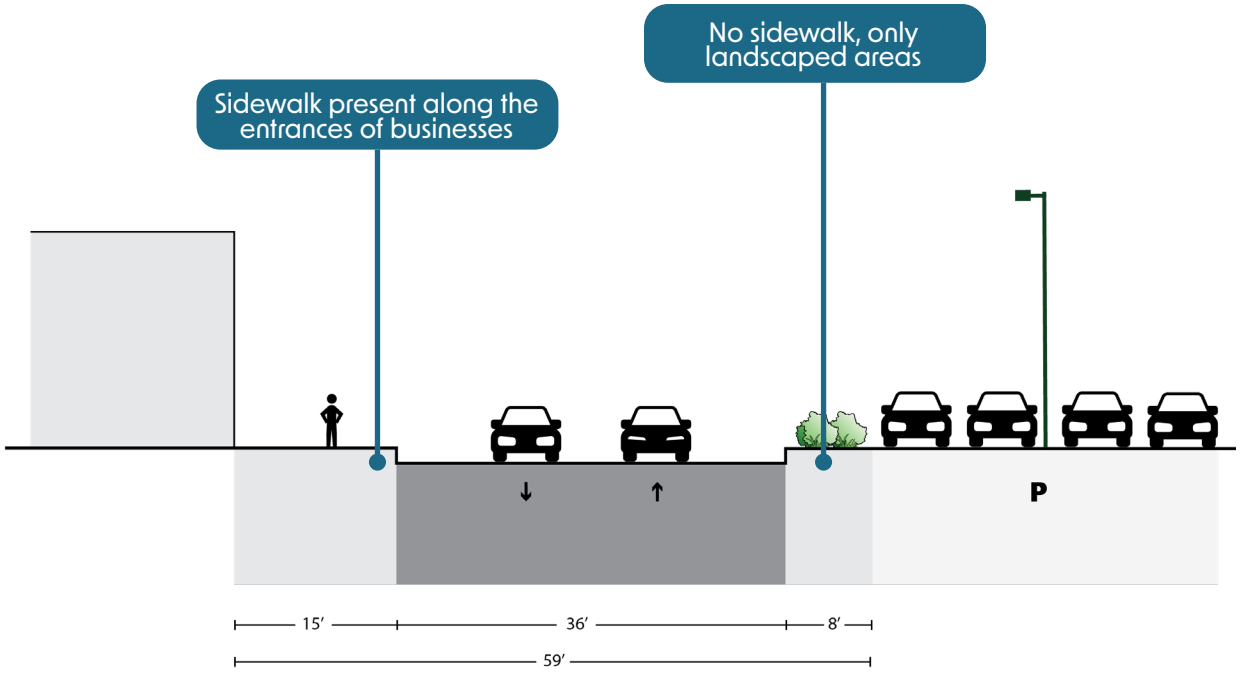
New Street Typology #3

The third new typology applies to vehicle drive aisles along big box storefronts. This typology is a little wider than types one and two creating a hierarchy of spaces and routes. Also, this typology can apply to smaller drive aisles by reducing the width by making routes one-way for vehicles but preserving two-way traffic for bicycles.

EXISTING | Parking Lot Drive Aisle

LOCATION E:
Drive Aisle in front of Target

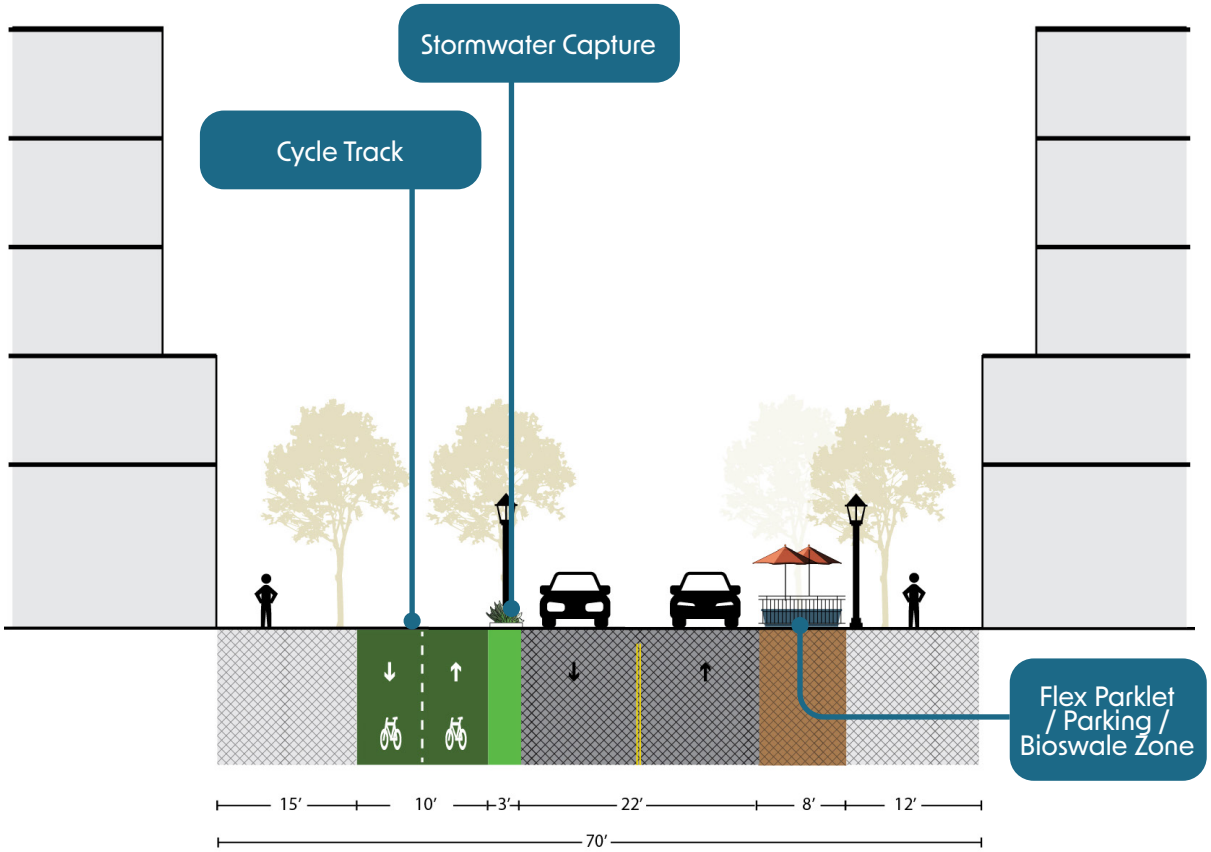
Existing parking lot drive aisle serve to facilitate the flow of vehicles and do not have dedicated pathways for pedestrians or bicyclists.



LOCATION E CONCEPT | Local Street Approximately 70' in Width with Parklets, On-Street Parking, and Bicycle Cycle track

PRECEDENTS

New streets would include new wide sidewalks, outdoor dining, cycle track, and allow for variable curbside conditions such as parking, parklets, loading areas, and/or ride-share pick-ups.



Design Guidelines for New Street Typology:

- Prioritize a curbless street condition with different pavement materials for vehicle areas, on-street parking, and sidewalk areas
- Use elements like pedestrian lighting, street trees, and built-in furniture as barriers between sidewalk and vehicle zones, rather than just bollards
- Prioritize cycle track for bike facilities, and prioritize cycle track before addition of left-turn lane and/or on-street parking
- Cycle track should be at the same level of sidewalk if curbless street condition is not utilized
- Utilize bioswales at end of on-street parking areas, vehicle entrances, and transition areas between on-street parking and left-turn lanes
- Arcades for buildings should be allowed to utilize some of the sidewalk zone (e.g., approximately six feet width)

Parking

The following are specific design guidelines for the implementation of overall parking strategies and approaches identified in Chapter 5:

Parking Maximums/Minimums

- Parking Maximum ratios will be determined in the HWB Specific Plan, but preliminary recommendations include:
  - Residential uses - 1 space per 1.8 units
  - Non-residential uses - maximum number of spaces per square foot should be at least 25% less than current parking minimum (e.g., minimum of 4 spaces per 1,000 SF would become a maximum of 3 spaces per 1,000 SF

On-Street Parking

- Introduce paid parking for on-street parking concurrent with development of any public or P3 parking structure
- Paid parking should be variable rate based upon time-of-day and demand to create about 10-15% supply availability per block
- Paid parking should incorporate coin, credit card, and mobile payment options

Parking Structures

- All Parking structures should include:
  1. Flat floor plate design and sufficient floor-to-ceiling heights to enable conversion to other future uses
  2. Real-time parking availability sensors

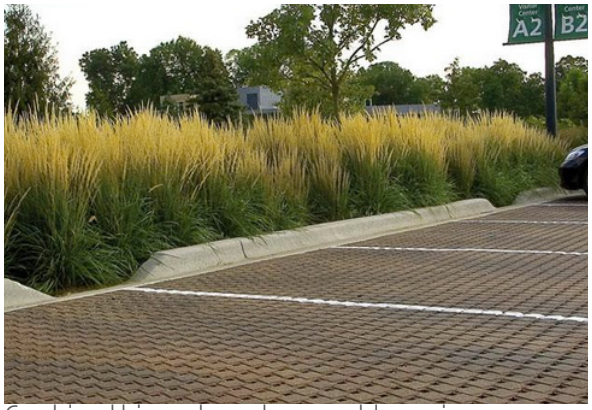
- Parking structures should include at least two of the following:
  1. Ground-floor active uses that occupy at least 80% of street front facade
  2. Integrated within a mixed-use building (e.g., Texas wrap)
  3. At least 75% of the top level of the parking structure is publicly available open space and is accessible from the ground level

- Parking structures should include at least two of the following:
  1. Solar panels that cover at least 50% of the top level or 50 of the building facade
  2. Public Art that covers at least 50% of the building facade
  3. Green landscape wall that covers at least 50% of the facade
  4. Architectural screen that covers at least 50% of the facade
  5. Artistic and/or dynamic lighting

Surface, Off-Street Parking

- Parking lots should be made of permeable materials and should have a bioswale along each parking row.
- There should be a pedestrian path between parking rows separate from vehicles.

Pedestrian path separated from vehicles by bioswale



Combined bioswale and permeable paving

Curbside Management

General Curbside Management

- Curb conditions should be marked into five categories:
  1. Paid on-street parking
  2. Ride-share pick-up / drop-off zones
  3. Commercial loading / delivery zones
  4. Transit and micro-transit stops/stations
  5. Flexible zones (that allow for parklets or other temporary uses by pedestrians and businesses)

  Some curbside conditions can be mixed based on different times of day and should be marked with signage.

- Different curbside conditions should be marked with different pavement treatments (e.g., patterns of permeable paving), signage, and/or pavement colors
- Updated on-street parking should be have at least 10% of spaces be devoted to EV charging by 2025
- The percent of EV charging stations should increase 20% every five years until all on-street parking spaces are electric

Electric vehicle charging for on-street parking

Different colors and materials indicating different curbside zones

Streetscape and Placemaking

Improvements to the streetscape - including roadways, sidewalks, pedestrian amenities, bike facilities and lighting - play an essential role in creating safe, social and inviting spaces for all residents and visitors of Pico Rivera.

Streetscape and placemaking improvements vary in scale at the small end for things like signage and wayfinding, to things like street furniture, to the larger end such as the creation of programed open spaces (e.g., playgrounds or ball courts).

The City will be completed a Branding, Wayfinding, and Furniture Master Plan in 2024, which will provide more detail on design recommendations on this topic, including things like specifications. The guidelines below provide a broad overview of some of the types of recommendations that could be included in that document. The streetscape guidelines include:

- Improve the quality of the public right-of-way by providing all users with more safe, walkable, bikeable and transit-friendly roadways.
- Introduce and update elements and small spaces to make streets more as spaces to gather and spend time and not just to move between places
- Incorporate public art into physical elements (existing and new) such as utility boxes, painted curb extensions, playground equipment, etc.
- Support the community identity by using measures that stay true to the character of Pico Rivera - colors, cultural references, etc..
- Provide a variety of street furniture typologies (materials, fixed, movable, etc.) for different areas and uses along the corridor.
- Encourage the flexible use of new street typologies and paseos with interactive games (e.g., giant jenga) and physical elements (e.g., small trampolines, body weight exercise equipment, etc.)
- Create a vibrant and inviting pedestrian-friendly environment that promotes activity along Whittier Boulevard.

This chapter is intended to provide general streetscape guidelines that can be applied throughout Whittier Boulevard.

Play elements within small public spaces.

Enabling flexible use of streets and public spaces

Colorful movable furniture.

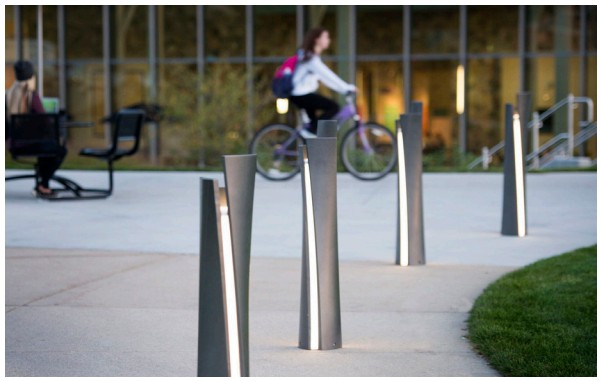
Lighting

The lighting in Whittier Boulevard consists of historic El Camino Real bell lamp posts that give parts of the streetscape its unique character and identity. These bells were originally made to serve as markers that connect all of California's missions and should be considered when making improvements to lighting amenities in Whittier Boulevard.

Lighting amenities should contribute to creating safe, comfortable and well-lit public spaces for all users during night time while enhancing the overall character of Whittier Boulevard. The following streetscape guidelines will help achieve desired lighting accommodations:

- New street lighting design should be developed as part of the Branding, Wayfinding and Furniture Master Plan that moves towards a more modern design rather than replicating the existing El Camino Real bell typology.
- Select street lighting fixtures that are durable and low maintenance.
- Use nighttime illumination of landscaping, paths, trees or art features to contribute to the safety and beauty of the roadway.
- Require pedestrian-oriented lighting to be a maximum height of 12 feet.
- Prioritize frequent spacing of lighting rather than larger lights spaced further apart; maximum distance between lighting should be approximately 20 feet.
- Create a hierarchy of street lighting with more prominent fixtures, brighting lights, etc. located at pedestrian crossings.
- Lighting should focus on lighting the pedestrian realm and pedestrian safety rather than illumination of the roadway for vehicles.
- Lighting should be designed to be located under the tree canopy.
- Ensure lighting has sufficient wattage to ensure adequate lighting for pedestrians.
- New street lighting shall be dark-sky compliant with cut-off fixtures to ensure that a minimum of 95 percent of emitted light is directed toward the ground.

Modern design for lighting.



Lighting integrated into bollards

Pedestrian-scale down-lighting

Materials

Materials are not the first element that comes to mind, but have a large impact on the streetscape by: enhancing community identity, indicating different areas/pathways for different users/purposes, and contribute to many sustainability and maintenance factors. Through the use of permeable pavers, special treatment concrete, and textured paving, materials can enhance connections and improve the walkability of Whittier Boulevard. When chosen wisely, materials can also reduce heat and cool the environment, making the roadway more enjoyable and pleasant for all users.

The Materials Matrix on page 90 provides a list of materials suitable for Whittier Boulevard.

The following streetscape guidelines will provide a list of recommendations for material application in Whittier Boulevard. Materials should:

- Accommodate all users regardless of ability or age.
- Be made of natural materials, durable and low maintenance
- Delineate and create clear distinction between bike lanes, sidewalk zones, roads, crosswalks, and alleyways/plazas.
- Be chosen and applied in accordance with the materials matrix.
- Hardscape treatments should invite pedestrian movement, and allow for seamless connectivity between destinations.
- Materials finishes and color should be chosen to match the character and surroundings of Whittier Boulevard.
- Utilize a variety of materials, colors, and/or patterns to differentiate different use zones (e.g., sidewalk amenity zone versus walking zone).

Permeable Paving Pros

- Underground maintenance costs can be cheaper/quicker than concrete/asphalt
- Environmental benefits
- Placemaking benefits
- Successful model of European cities

Permeable Paving Cons

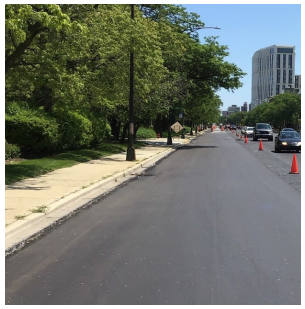
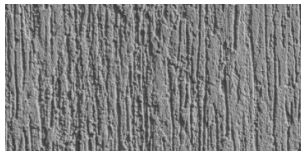
- Potentially higher initial installation cost compared to concrete/asphalt
- Potential tripping hazard if not adequately maintained

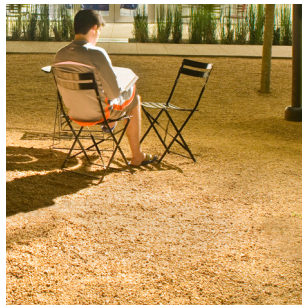
Different pavement materials and colors indicating different areas of use.

Mix of different permeable paving patterns for different zones for vehicles and pedestrians.

Decomposed granite seating and landscape area next to permeable paver path.

Materials Palette

Asphalt		-- Not recommended for use -- If used, limited to vehicle zones on Arterial and Collector Streets
Concrete		-- Recommended for streets and curbs -- Can also be used for bicycle lanes
Colored Concrete and Special Treatment Concrete	 	-- Crosswalks -- Also can be used for special locations for: -- Plazas -- Alley and Paseos -- Special Finish. e.g, stamped, stenciled, exposed aggregate.
Permeable Pavers or Cobblestone		-- Alleys and Paseos -- Parking lots -- Local streets with speed limits at 25mph or less

Pavement Blocks (various designs and patterns)		-- Sidewalks -- Plazas -- Alleys and Paseos -- Parking lots -- Use different sizes/ patterns to differentiate different use areas
Pavement Blocks (various designs and patterns)		-- Tactile strips -- Sidewalks -- Plazas -- Alley and Paseos -- Use different sizes/ patterns to differentiate different use areas
Decomposed Granite		-- Landscape Areas -- Special walkways in Plazas and Paseos -- Open Space Areas (e.g., playgrounds) -- Plaza Spaces
Polymer Cement Surfacing		-- Bike and Bus Markings -- Crosswalks -- 1-3mm overlay over streets -- Hexagonal Pattern

Landscape

Landscape is a key element in streetscape design. It can provide architectural, environmental, social, and physiological benefits to the community by making the streetscape more inviting and appealing for all users, in addition to environmental benefits. The overall principle of landscape design for the Multimodal plan is to emphasize native, drought-resistant landscaping that increase biodiversity. The following streetscape guidelines will improve the overall environment of Whittier Boulevard and achieve desired landscape accommodations:

- For parkway areas mixed with lighting taller than 3' feet, install trees approximately 40 feet on center.
- For bikeway buffer areas, install street trees at 30 feet on center or less to create continuous canopy over bike lane.
- Sufficient street trees should be provided to reduce heat island and air pollutants.
- Trees, shrubs and groundcover should be chosen from the landscape matrix.
- Planting buffers should be provided along bikeways and sidewalks to protect pedestrians and cyclist from vehicles.
- Create as much of a connected tree canopy as possible through tree selection, spacing, and maintenance (pruning).
- Turf should be minimized or eliminated in landscaping areas.
- Low-maintenance native and/or climate should be used to minimize water consumption and maintenance.
- Understory plants should be planted below trees where feasible.
- Parkways should provide a minimum tree planting area of 40 square feet wherever possible.
- Tree planting areas should consist of either decomposed granite, understory plantings, or an ADA-compliant tree grate.
- Trees and understory plants within a single planting area should have similar water requirements.

The Landscape Matrix on pages 101-107 provides a list of trees, shrubs and groundcovers that are suitable for Whittier Boulevard.

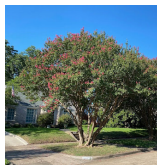
Landscape areas capture drainage for curbless street.

Drought tolerant landscape in flow-through planters.

Shade trees and water features set in seating area of natural ground materials.

Plant Palette

Trees

		Tree Well	Bike Buffer	Planter	Plaza	
Agonis flexuosa Peppermint tree		✓				Evergreen, Parkway size 4’
		◯ ◐ 💧 Height: 20-30’ Spread: 20-30’				
Callistemon salignus White bottle brush		✓				Evergreen, Parkway size 4’
		◯ ◐ 💧 Height: 30-40’ Spread: 15-20’				
Cassia leptophylla Gold medallion		✓				Evergreen, Parkway size 4’
		◯ 💧 Height: 20-30’ Spread: 20-30’				
Cercidium floridium Palo verde		✓		✓	✓	Deciduous, Parkway size 6’
		◯ 💧 Height: 30-40’ Spread: 15-30’				
Chilopsis linearis Desert willow		✓		✓	✓	Deciduous, Parkway size 3’
		◯ ◐ 💧 Height: 15’ Spread: 10-15’				
Lagerstroemia Crepe Myrtle		✓				Deciduous, Parkway size 4’
		◯ 💧 Height: 15-25’ Spread: 6-15’				
SUN: ◯ Full ◐ Part ● Shade WATER: 💧 Low 💧 Medium 💧 High **(N)** California Native						

Plant Palette

		Tree Well	Bike Buffer	Planter	Plaza	
Hesperocyparis (Cupressus) forbesii Tecate cypress		✓				Evergreen, (N)
		○ 💧 Height: 25-35’ Spread: 15-25’				
Koelreutaria bipinnata Chinese flame		✓			✓	Deciduous, Parkway size 4’
		○◐ 💧 Height: 30-40’ Spread: 20-30’				
Leptospermum petersonii Lemon scented tea tree		✓			✓	Evergreen, Parkway size 3’
		○◐ 💧 Height: 25-35’ Spread: 15-25’				
Lophostomon confertus Brisbane box		✓	✓	✓		Evergreen, required Parkway size 8’
		○◐ 💧 Height: 50-60’ Spread: 30-40’				
Pistachia chinensis Chinese pistache ‘Keith Davey’		✓			✓	Deciduous, Parkway size 5’
		○◐ 💧 Height: 35-60’ Spread: 35-60’				
Platanus racemosa California sycamore					✓	Deciduous, Parkway size 8’ (N)
		○◐ 💧 Height: 60-80’ Spread: 30-40’				
SUN: ○ Full ◐ Part ● Shade WATER: 💧 Low 💧 Medium 💧 High **(N)** California Native						

Plant Palette

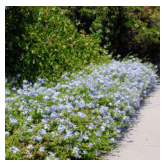
		Tree Well	Bike Buffer	Planter	Plaza	
Quercus agrifolia Coast live oak					✓	Evergreen, Parkway size 6' (N)
		◯ ◐ 💧 Height: 60-80' Spread: 40-50'				
Rhus lancea African sumac			✓	✓	✓	Evergreen, Parkway size 3'
		◯ ◐ 💧 Height: 20-30' Spread: 20-25'				
Stereospermum sinica China doll			✓	✓	✓	Evergreen, Parkway size 4'
		◯ ◐ 💧 Height: 20-30' Spread: 15-25'				
Spathodea campanulata African tulip		✓				Deciduous, Evergreen, Parkway size 4'
		◯ ◐ 💧 Height: 20-30' Spread: 20-30'				
SUN: ◯ Full ◐ Part ● Shade WATER: 💧 Low 💧 Medium 💧 High **(N)** California Native						

Shrubs

		Tree Well	Bike Buffer	Planter	Plaza	
Agapanthus africanus African lily			✓	✓		
		◯ ◐ 💧 Height: 1.5-2’ Spread: 1.5-2’				
Calliandra inequilatera Red powder puff			✓	✓		(N)
		◯ 💧 Height: 3-6’ Spread: 2-3’				
Camellia sasanqua Camellia			✓	✓		(N)
		◯ ◐ 💧 Height: 6-10’ Spread: 6-10’				
Carissa macrocarpa Natal plum			✓	✓		(N)
		◯ ◐ 💧 Height: 2-3’ Spread: 3’				
Coleonema pulchellum Pink Breath of Heaven			✓	✓		
		◯ ◐ 💧 Height: 4-6’ Spread: 4-5’				
Escallonia fradesii Pink Escallonia			✓	✓		
		◯ ◐ 💧 Height: 5-6’ Spread: 5-6’				

SUN: ◯ Full ◐ Part ● Shade WATER: 💧 Low 💧 Medium 💧 High **(N)** California Native

Plant Palette

		Tree Well	Bike Buffer	Planter	Plaza	
Feijoa sellowiana Pineapple Guava			✓	✓		○ 💧 Height: 12-20’ Spread: 10-15’
Liriope muscari Lily Turf		✓	✓	✓		◐ 💧 Height: 1-2’ Spread: 1-2’
Moraea iridioides African Iris		✓	✓	✓		◐ 💧 Height: 2-3’ Spread: 2-3’
Nerium oleander “Petite Pink” Oleander “Petite Pink”			✓			○ 💧 Height: 4-5’ Spread: 4-5’
Pittosporum tobira Mock orange			✓			◐ 💧 Height: 10-15’ Spread: 8-10’
Plumbago auriculata cape plumbago		✓	✓	✓		◐ 💧 Height: 5-8’ Spread: 5-8’

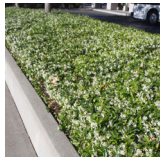
SUN: ○ Full ◐ Part ● Shade WATER: 💧 Low 💧 Medium 💧 High **(N)** California Native

Groundcover

		Tree Well	Bike Buffer	Planter	Plaza	
Carissa macrocarpa "Green Carpet" Natal plum		✓	✓	✓	✓	
		◯ ◐ 💧 Height: 12-18" Spread: 4-5'				
Ceanothus gloriosus 'Anchor Bay' Anchor Bay ceanothus		✓	✓	✓	✓	(N)
		◯ ◐ 💧 Height: 2-3' Spread: 6-8'				
Cerastium tomentosum Snow in summer		✓	✓	✓	✓	
		◯ 💧 Height: 6-12" Spread: 6-12"				
Gazania 'Mitsua yellow' Treasure flower		✓	✓	✓	✓	
		◯ ◐ 💧 Height: 6-12" Spread: 6-12"				
Hedera helix "Hahns" English ivy		✓	✓	✓	✓	
		◯ ◐ 💧 Height: 6" Spread: 1-2'				
Pachysandra terminalis Japanese spurge		✓	✓	✓	✓	
		◯ ◐ 💧 Height: 6-10" Spread: 25-50'				

SUN: ◯ Full ◐ Part ● Shade WATER: 💧 Low 💧 Medium 💧 High **(N)** California Native

Plant Palette

		Tree Well	Bike Buffer	Planter	Plaza	
Trachelospermum jasminoides Star Jasmine		✓	✓	✓	✓	◯ ◐ 💧 Height: 2-6’ Spread: Spreading
Lantana montevidensis (Purple & White) Trailing Lantana		✓	✓	✓	✓	◯ 💧 Height: 1-2’ Spread: 8-10’
Lavandula species Lavender		✓	✓	✓	✓	◯ ◐ 💧 Height: 1-4’ Spread: 2-5’
Limonium perezii Statice		✓	✓	✓	✓	◯ 💧 Height: 1-2’ Spread: 2-3’
Lonicera japonica Japanese honeysuckle		✓	✓	✓	✓	◯ ◐ 💧 Height: 15-30’ Spread: Spreading’
Rosmarinus officinalis Lockwood De Forest Prostrate Rosemary		✓	✓	✓	✓	◯ 💧 Height: 1-2’ Spread: 6-8’
SUN: ◯ Full ◐ Part ● Shade WATER: 💧 Low 💧 Medium 💧 High **(N)** California Native						

7 Implementation Plan

Introduction

Improving the connectivity, safety, efficiency, and accessibility of each mode of transportation within the Plan Area requires identifying near-, mid- , and long-term multimodal transportation improvements. Recommendations presented in this plan were identified to support the future build-out and transformation of the Specific Plan Area into a more dense, less car-reliant, and vibrant neighborhood.

The implementation Plan is focused on providing realistic, feasible steps to achieve a aspirational vision. Over time, the implementation of individual steps if completed working towards the same vision, can achieve a bold physical transformation.

Just as important as the technical implementation of the Multimodal Plan for topics such as design and financing are the socioeconomic effects of this transformation. As part of the macro conditions in Southern California such as housing affordability and gentrification, Pico Rivera could also experience undesired effects like cost of living increases and displacement as Whittier Blvd. and the City redevelops. It will be vital to continue to implement public policies locally, and support collaborative regional planning efforts, which will ensure the ability of communities that exist in Pico Rivera today to be able to thrive in the new multimodal networks and redeveloped places.

Key Elements of this Chapter include:

- Overall Phasing Strategy
- Current Considerations
- Phase 1 Design Key Considerations
- Phase 2 Design Key Considerations
- Cost Estimates
- Funding Opportunities
- Action Steps

Phasing Strategy

The update of Whittier Boulevard from its existing condition to the baseline design of the Phase 3 condition is a major project that will require detailed design, securing of funding from multiple sources, continued community engagement and thoughtful construction planning. There are also many significant upgrades to the design of Whittier Boulevard that while they would also increase the amount of co-benefits created, also increase the costs and logistic complexity for implementation. As a result, a phased approach for the implementation of the new design of Whittier Boulevard is recommended to balance creating a safer roadway condition in the short-term while maximizing the quality and benefits of the permanent design.

A preliminary suggestion of phasing by years is shown to the right. The lists to the right also identify some elements to focus on in each of those time frames.

The updated design of Whittier Boulevard will capture much of the attention and costs of updates within the Specific Plan Area. It is also the most important project due to the transformation it can create for the street and surrounding area. Other projects within the Multimodal Plan are able to be implemented independently of the Whittier Boulevard, but will ultimately benefit from a redesign for Whittier Boulevard.

Phase 1: Intersections

2025 - 2026

- CEQA and Specific Plan Approval
- Secure funding (grants and/or other sources)
- Develop final designs for Phase 1 and Phase 2 projects
- Sustainability district certification
- Detailed design for Rosemead / Whitter intersection
- Implementation of painted crosswalk and intersection improvements
- Painted curb extensions
- Other targeted pilot projects for temporary design condition as funds are available

Phase 2: Pilot Design

2027 - 2030

- Full implementation of pilot bicycle lane design condition
- Upgrade painted curb extensions to advanced design conditions
- On-going monitoring of traffic volumes and other metrics
- Refine cost estimates and 100% construction design for final design condition

Phase 3: Permanent Design

2030+

- Construction of permanent design elements
- On-going monitoring of traffic volumes and other metrics
- Optional updates based upon future trends, travel behaviors, and needs such as a scramble crosswalk condition

Existing Condition

The existing condition is the current physical design of Whittier Boulevard today. For the next year or more until the beginning of Phase 1, the existing condition will need to begin preparations for the implementation of elements in all proposed phases, as well as continue to provide on-going maintenance updates to the existing condition.

One of the primary first steps will be integrating the recommendations of the Multimodal Plan with the City's Comprehensive Infrastructure and Capital Improvement Plans. This will influence other preparations for Phases 1 and 2 including securing the funding and developing construction drawings for the designs of Phases 1 and 2 (and potentially Phase 3 at the same time), completing physical preparation work and preparing the public for the upcoming Pilot Condition.

The on-going maintenance of the existing condition will need to balance keeping elements in a state of good repair, such as repairing potholes, while minimizing spending to repair/update elements that are not part of the final design condition. Maintaining the updated landscape median will be valuable while updates like road resurfacing should be coordinated to occur at the same time as the implementation of Phases 2 or 3.

Advertising/informational campaign, signage, as well as continued community outreach should be completed to prepare the public as best as possible for the Phase 2 design, which may introduce unfamiliar road configurations to some people.

Planning Elements of this Phase:

- Phase 1 and 2 Design $750 K
- Phase 3 Design $2.5 M
- Construction Planning $150 K
- Others TBD

Cost Estimate $3.5+ M

Phase 1: Intersection Improvements and Other Targeted Projects

The goal of the first phase is to implement pedestrian-focused improvements at intersections that have multiple immediate benefits and will also setup later phases. This phase will also take into consideration the current flow of vehicles, as well as parking expectations.

The primary design element are high-visibility crosswalks that will upgrade existing marked crosswalks, as well as create new crosswalk areas (e.g., where one a crosswalk may be currently missing on one side of an intersection). These crosswalks will increase safety immediately, as well as enable a wider range of locations where people can park and feel comfortable walking to their destinations.

This phase also should include signal updates to complement new crossings and prepare for the introduction of bicycles in Phase 2 such as LPIs, new crosswalk buttons, and updating timing. Also, this phase can quickly implement painted curb extensions that would introduce new space for economic development, placemaking, and new turning geometries for vehicles.

This phase will retain on-street parking along the north side of Whittier Boulevard. However, this phase of the development process will primarily focus on design elements that can be adjusted or upgraded in future design phases based on user experience along the corridor.

A formal construction phasing plan will need to be developed following the adoption of the Multimodal Plan and updated as necessary based on the previously discussed, and other evolving factors. For example, should the design condition be completed block by block, on eastbound or westbound sides first, or through individual elements along the entire corridor.

Physical Elements of this Phase:

- **Signals/Timing** **$ 2 M**
- **Crosswalks/Paint** **$400 K**

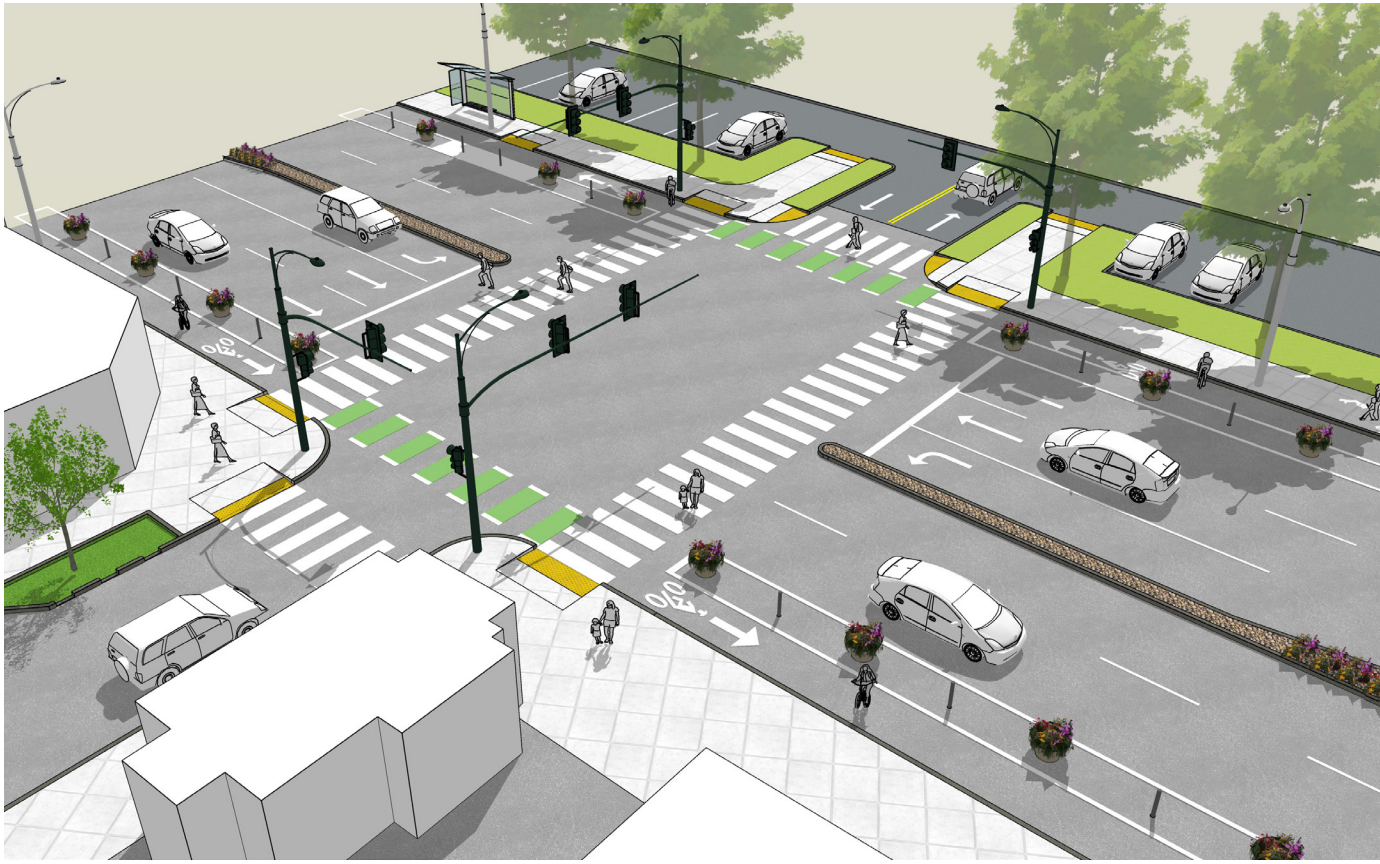
Cost Estimate **$2.5 M**

Phase 2: Pilot Design Condition for Protected Bicycle Lane

The goal of the second phase is to improve the connectivity, safety, efficiency, and accessibility of all modes as quickly as possible but in one coordinated design. This could be accomplished by reducing costs by limiting significant physical changes and focusing on tactical urbanism implementation strategies such as painting, movable bollards/ planters, (painted) expansion of sidewalk area, and targeted tree planting.

The primary focus of this phase is to implement the pilot condition of the protected bicycle lanes and update related infrastructure elements to support safe travel for all modes. For example, with the implementation of protected bicycle lanes, elements such as realigning crosswalks and updated signal timing could be required. Street trees can be planted as soon as possible when it aligns with the Phase 3 design conditions.

The second part of this phase is updating Phase 1 elements such as turning painted curb extensions into permanent curb extensions. Additionally, features like relocating bus stops to the far-side of intersections could also be accomplished during this phase. Other optional updates for this phase would include green-painted bicycle lane, green-painted conflict zones through intersections, painted protected bicycle intersections, directional curb ramp updates, upgrading bollards for large planters, and other similar features. Many of these elements could be completed individually as funding is available (e.g., updating one painted curb extension at a time).



A key part of this phase is to create the pilot condition to sufficient design and material quality that it is attractive and has a positive reaction from the community to facilitate the final design conditions.

Physical Elements of this Phase:

- Demo/Cleanup $ 600 K
- Minor Water/Sewer $350 K
- Pavement Surface $ 2.4 M
- Crosswalks/Paint $ 150 K

Cost Estimate $3.5 M

Phase 3: Advanced Design Condition

The final design is envisioned to include all of the physical design elements identified in the Chapters 4 and 5 of the Multimodal Plan. These elements would include all the highest design quality recommendations from non-asphalt pavement surfaces, raised crossings across local streets and surface parking lot entrances, pedestrian scale lighting, crosswalks that allow crossings in all directions, and others. While many of the co-benefits could still be realized without some of those elements, the benefits of this project are maximized by including all of the design elements. However, as this phase will require on-going maintenance and/or updates for some elements, as in Phase 2, there are opportunities for on-going upgrades if not all of the high-quality design recommendations can be completed at once. Among these could be the addition of a scramble crosswalk at key locations.

A key element of this phase of the project is documentation of the performance of the roadway, as well as the process for implementing the final condition. This documentation can serve Sustainability District certification, as well as providing case study information for other communities looking to implement a similar transformation, or studying whether or not they should implement such a transformation.

* Pending storm water, sewer, water, power and telecom capacity analysis, which will be finalized during the Specific Plan anticipated to be completed in late 2024 to early 2025.

Physical Elements of this Phase:

- Demo/Cleanup $ 1.5 M
- Bike Path, Curb $3 M
- Bioswales $2.5 M
- Drainage/Utilities $3 M*
- Lighting, Signals, etc. $7.5 M
- Others

Cost Estimate $ 18 M

Cost Estimates

Cost estimate can increase over time as design moves into more detailed design (e.g., discovering unknown issues), extension of design/construction timelines, and other factors.

Cost estimates presented in multiple ways:

- Relevant case studies. These will provide an initial order of magnitude estimate for certain improvements.

- Estimation of capital costs. These estimates include specific physical elements that can be found as both surface and subterranean infrastructure improvements; phase 1 pilot condition or phase 2 advanced design condition; and premiums for sustainability districts. Estimates for some infrastructure improvements are dependent upon the final land use standards that will be finalized in the Specific Plan.

- Approach for stacking different costs (e.g., hard/soft, design, etc.) with future inflation and escalation considerations.

Rosemead Boulevard Case Study

- Rosemead Boulevard in Temple City, CA
- Completed in 2011
- Approximately 3 miles
- Cost of $17m
- Features include: concrete bike lanes, bioswale buffer, updated lighting
- No protected bike intersections, no transit shelter islands, no raised crossings

Using the Rosemead Boulevard Project design features and adjusting for the length of the project and timeline, the order of magnitude estimate of a similar design for Whittier Boulevard (construction in 2024) could be:

$25 - 30 million

Paramount Boulevard to San Gabriel River Bridge

Estimation of Capital Costs

A table of surface capital cost estimates is presented to the right. Notes on Cost Estimates:

- Potential underground excavation may result in a price increase of $20M-50M depending upon the scope of work and costs
- Subsurface costs (i.e., what the total cost of the project could become) pending Storm Water, Sewer, Water, Power and Telecom capacity analysis, which will be finalized during the Specific Plan anticipated to be completed in late 2024 to early 2025.
- Line item 26: Drainage and Utilities is an estimate of updates and replacement for existing infrastructure that may be in deferred maintenance; it does not include any updates due to potential need for capacity increases.

CF = Cubic Foot
EA = Each Unit
LF = Linear Foot
LS = Lump Sum
SF = Square Foot

** Cost pending Storm Water, Sewer, Water, Power and Telecom capacity analysis confirming capacity enhancements need.

Bid No.	Item	Quantity	Unit	Unit Price	Total
PHASE 1 (GRIND & OVERLAY + STRIPING)					
	Street, Storm Drain and Water Improvements				
1	Mobilization and demobilization	1	LS	$310,000.00	$310,000.00
2	Construction staking and restoration of survey monuments	1	LS	$120,000.00	$120,000.00
3	Traffic control per approved traffic control plans, staging plans, and construction signs	1	LS	$150,000.00	$150,000.00
4	NPDES	1	LS	$250,000.00	$250,000.00
5	2" Grind & Overlay	580,000	SF	$4.00	$2,320,000.00
6	Adjust water valve box and cover to surface (including sleeve)	46	EA	$1,000.00	$46,000.00
7	Adjust manhole frame and cover to surface	74	EA	$1,500.00	$111,000.00
	Traffic and Street Lighting Improvements				
8	Install 6" solid white thermoplastic edgeline	10,000	LF	$1.50	$15,000.00
9	Bike Lane Pavement Marking (Bike Symbol and Bike Lane Arrow)	100	EA	$400.00	$40,000.00
10	Green Bikeway Pavement Marking	42,000	SF	$1.25	$52,500.00
11	Buffer Pavement Marking (White, diagonal lines)	40,000	SF	$3.50	$140,000.00
12	Bollards	1,000	EA	$600.00	$600,000.00
13	Continental Crosswalk	42	EA	$3,000.00	$126,000.00
14	Modify Existing Signals and Timing	10	EA	$200,000.00	$2,000,000.00
				PHASE 1 SUBTOTAL	**$6,280,500.00**
PHASE 2 (STREET IMPROVEMENTS + LIGHTING + LANDSCAPING)					
	Street, Storm Drain and Water Improvements				
15	Mobilization and demobilization	1	LS	$900,000.00	$900,000.00
16	Construction staking and restoration of survey monuments	1	LS	$100,000.00	$100,000.00
17	Traffic control per approved traffic control plans, staging plans, and construction signs	1	LS	$300,000.00	$300,000.00
18	NPDES	1	LS	$300,000.00	$300,000.00
19	Remove and replace ADA curb ramp per SPPWC Std. Plan No. 111-5	40	EA	$7,500.00	$300,000.00
20	Construct PCC Bike Path	48,000	SF	$18.00	$864,000.00
21	Curb & Gutter (6" Curb)	10,000	LF	$23.00	$230,000.00
22	Construct concrete bus pad, 8" thick per SPPWC Std. Plan 131-3 modified	11	EA	$30,000.00	$330,000.00
23	Bus Boarding Islands (8 inch PCC Pavement)	110	CY	$80.00	$8,800.00
24	Protective Concrete Medians (8 inch PCC Pavement)	25	CY	$80.00	$2,000.00
25	Bus Shelter with Bench	11	EA	$90,000.00	$990,000.00
26	Drainage & Utilities**	1	LS	$3,000,000.00	$3,000,000.00
27	Bioswale	40,000	SF	$25.00	$1,000,000.00
	Traffic and Street Lighting Improvements				
28	Install 6" solid white thermoplastic edgeline	10,000	LF	$1.50	$15,000.00
29	Bike Lane Pavement Marking (Bike Symbol and Bike Lane Arrow)	100	EA	$400.00	$40,000.00
30	Green Bikeway Pavement Marking	42,000	SF	$1.25	$52,500.00
31	Buffer Pavement Marking (White, diagonal lines)	40,000	SF	$3.50	$140,000.00
32	Pedestrian Lighting Fixtures	300	EA	$15,000.00	$4,500,000.00
33	Modify existing traffic signal equipment at intersection	2	EA	$500,000.00	$1,000,000.00
34	Install traffic signal equipment at intersection	1	EA	$400,000.00	$400,000.00
35	Street Lighting Fixtures	70	EA	$20,000.00	$1,400,000.00
36	Signing & Striping	1	LS	$150,000.00	$150,000.00
	Landscape and Irrigation Improvements				
37	Trees, Shrubs, Soil, and Irrigation	1	LS	$1,500,000.00	$1,500,000.00
38	Construct Decorative Art Installation	4	EA	$200,000.00	$800,000.00
				PHASE 2 SUBTOTAL	**$18,322,300.00**
				CONSTRUCTION TOTAL	**$24,602,800.00**
				25% CONTINGENCY	**$6,150,700.00**
				GRAND TOTAL	**$30,753,500.00**

The total cost estimate includes direct costs for individual physical elements (i.e., surface capital costs from the previous page) required for project construction, as well as allowances for indirect/soft costs and contingencies that may potentially occur during design and construction. The way in which escalation costs for labor, materials, and other elements are organized over the years can have a large impact on the overall estimated costs.

Earthwork
Earthwork includes preparing the alignment surface for construction of the future bikeway. Specific tasks include: grind and overlay, moving of materials, grading, fine grading, disposal of excavated materials, and potential resurfacing of the street.

Bikeway
Bikeway surface, buffer zones, painted bike areas, raised crossings, transit shelter islands and curb work for temporary and final conditions, .

Intersection Improvements
High-visibility crosswalks, protected bike intersections, curb work, and ADA updates.

Utilities / Signals / Infrastructure
Includes adding elements to light poles to support bicycle and pedestrians - countdowns, push buttons, new signal heads. Includes new lighting and potential upgrades to signals. Also estimated costs for minor underground utility updates.

Landscaping
Landscaping costs are associated with elements that make up the greenway and bioswale along the bikeway alignment. Specific elements include: trees, habitat landscape planting, irrigation, bioswales, and stormwater best management practices (BMP).

	Earthwork / Mobilization	$3.5 M
	Bikeway / Striping	$4 M
	Intersection Improvements	$2.5 M
*	Utilities / Signals / Water / Sewer	$10 M
	Landscaping / Bioswales	$2.5 M
	Public Art / Placemaking	$1.5 M
	Total Direct Costs	**$24 M**
25%	Construction Contingency	$6 M
25%	General Conditions (Bonds/Insurance/Contractor Fees)	$6 M
	Estimated Construction Award	**$36 M**
15%	Design Fees	$4.5 M
15%	City Admin / Project Management / Construction Management + 3rd Party Costs	$4.5 M
10%	Project + Change Order Contingency	$3 M
	Total Project Cost	**$48 M**

*Notes:
Costs based on Q2 2024, may need to be adjusted based on projecting timing.
Utilities could increase by $20-50M for underground upgrades and/or undergrounding all utilities.

Funding Strategy and Sources

The chart below identifies competitive grant opportunities that could be used to fund design and construction costs for HWB Multimodal Plan projects. In addition to grant funds, other opportunities for funding development and operations could include:

- Regular allocations and non-competitive grants awarded by community population
- Public-private partnerships
- Branding/Sponsor
- BID contributions (future)

Grant [Agency]	$ Available	Timing	Use For	Application Considerations
RAISE Grant (formerly TIGER) - 2023 [US DOT]	$2.275B (2022)	Application Deadline: April	Design and Construction Costs	For capital investments that will have a significant local or regional impact. Applicable alignment: GHG reduction goals, promote energy efficiency, increase use of lower-carbon travel modes (active transportation), incorporate electrification or zero emission vehicle infrastructure, increase climate resilience, support domestic manufacturing, incorporate lower-carbon pavement and construction materials, and reduce pollution.
Urban Greening Program [California Natural Resources Agency]	$50M (annual)	Accept proposals: target 2025 cycle)	Construction Costs	Fulfills one project requirement – acquire, create, enhance, or expand community parks and green spaces. Eligible urban greening projects will reduce GHG emissions and mitigate the effects of extreme heat. Opportunities for proposal priority points: 4. Uses inter-agency cooperation and integration and 5. Uses existing public lands and facilitates the use of public resources and investments.
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy (RMC)				Wildfire Prevention Grant Program ($27M); Climate Resilience Grant Program ($11M); Lower Los Angeles-Urban Streams and Rivers Program ($10M)
Active Transportation Program - Cycle 7 [Caltrans]	$100M (annual)	Project Application Deadline: June	Construction Costs	
Sustainable Communities Grant - Fiscal Year 2023-2024 [Caltrans]	Approximately $30M; $100k min / $700k max	Grant Application Deadline: October	Design (not engineering plans)	Forward the Region's RTP/SCS. Successful planning projects are expected to directly benefit the multimodal transportation system. These grants will also improve public health, social equity, environmental justice, the environment, and provide other important community benefits. 11.5% local match (cash, in-kind contribution, staff time).
Sustainable Communities Program - Civic Engagement, Equity & Environmental Justice [SCAG]	TBD	Opening Spring 2022	Design / Planning Costs	SCAG is seeking to prioritize proposals that fall within or directly benefit Communities of Concern and SB 535 Disadvantaged Communities (DACs).
Sustainable Communities Program - Future Applications [SCAG]	TBD	TBD	Design / Planning Costs	Previous SCAG Sustainable Communities Program Applications: Smart Cities & Mobility Innovations (2021), Housing & Sustainable Development (2021), and Active Transportation & Safety (2020). Future calls for applications may be more appropriate for Lupine Plaza.
Greenhouse Gas Reduction Fund (GGRF) Forest Health [California Conservation Corps (CCC)]	$2.5M (annual)	Project planners seeking to utilize the CCC can contact their nearest CCC center or email the CCC on how to partner with us.		Applicable categories: 1) Urban & Community Forestry – increasing the urban tree canopy; 2) Urban Greening – expand or enhance neighborhood parks and community gardens. GGRF monies were appropriated to the CCC to provide formal and on-the-job training and work experience to complete projects that aid in reducing GHG emissions.
Proposition 68 [California Conservation Corps (CCC)]	$40M (total)	For more information about consulting with the CCC, please email Prop68@ ccc.ca.gov, or contact Andrea Gabriel at (916) 341-3272.		Fund projects that plan, develop, and implement climate adaptation and resiliency projects, including those that create or rehabilitate state or local parks.
Road to Zero Coalition Community Traffic Safety Grants [National Safety Council]	Approximately $1M / 10 projects annually	TBD	Construction	Future grant cycles are to be determined.

Action Implementation Plan

The following chart provides an initial breakdown of the recommendations of the Multimodal Plan into individual projects and/or programs to be implemented. There is a preliminary estimate on the timing for individual elements of projects, as well as related projects and notes on details of the project elements or cost efficiencies with related projects.

Phase 1 Projects: 1-2 Years		
ID	**Project**	**Project Description**
1	Los Paseos - Phase 1	Targeted beautification improvements including shade trees, landscaping, decorative lighting, murals and art, and facade improvements
2	Facade Improvement Program	Small business grant program to improve facades (Whittier Blvd., Durfee Ave, and Los Paseos) and corridor aesthetic
3	Los Paseos Mural Program	Partnership with professional and local artists to paint murals
4	Los Paseos Parking/Plaza #1 (4944 Lindsey Ave) - Phase 1	Targeted beautification improvements including shade trees, landscaping, decorative lighting, murals and art, and furniture; introduce flexible uses for community events
5	Los Paseos Parking/Plaza #2 (4940 Deland Ave) - Phase 1	
6	IDEA Lab - Phase 1	Facade improvements and interior remodel
7	Electrical Art Box Program - Phase 2	Continuation of Phase 1 program; installation of local artist murals
8	PAD Park - Phase 1	Demolition of existing structures, grading, and turf planting
9	High-Visibility Crosswalks	Update crosswalks with high-visibility decorative treatments
10	Painted Curb Extensions	Decorative painted curb extensions and movable barriers at key locations including at intersection of Lindsey Ave./Whittier Blvd.
11	Durfee Ave. /Jackson St. Redesign	Angled parking and sidewalk widening; potential for public improvement contribution from redevelopment project
12	San Gabriel Pl. Redesign	Installation of angled parking and center median with landscaping and shade trees
13	Pio Pico State Historic Park Trail Connector	Multi-use trail connection between the San Gabriel River Bike Path and Pio Pico State Historic Park
14	Parklet Design Implementation Plan	Develop design guidelines for the implementation of parklets, treelets, and other micro-park spaces
15	Branding, Signage, and Furniture Improvements	Implementation of the Branding, Signage, and Furniture Master Plan
Phase 2 Projects: 3-5 Years		
16	Protected Bike Lanes - Pilot Condition	Striped buffered/protected bike lanes from Paramount to San Gabriel River
17	Paramount Blvd. Greenway	Develop a bike path connection between Whittier Blvd. pilot condition bike lanes and the Rio Hondo Spreading Grounds trail network
18	Paramount Blvd. to Rio Hondo Bike Lanes	Coordinate with City of Montebello to plan and design pilot and permanent conditions for bike connection from Paramount Blvd. to Rio Hondo River

The following chart provides a list of additional projects that could occur as a result of the Multimodal Plan. These projects either represent the advanced design condition and/or represent design upgrades for projects in the Early Action Project List. While this table presents an estimated timeline, if feasible, it is recommended to speed up the implementation of all recommended projects as quickly as possible. Finally, also included are potential public policies that align with the Project Goals presented in the Plan Framework Chapter.

ID	Name	Project Description	Related Project
Phase 2 Projects: 3-5 Years (ctd.)			
19	Update Curb Extensions to Advanced Design Condition	Convert painted curb extensions to a permanent curb extension and creation of micro open spaces (e.g., bioswale, outdoor seating, community garden, etc.) based upon local community engagement	10
20	Los Paseos - Phase 2	Further beautification improvements such as street trees, lighting, public art, etc., as well as major updates to new permeable pavement material, drainage, and undergrounding utilities	1
21	PAD Park - Phase 2	Implementation of final design TBD - updates to park landscaping and construction of built structures	8
22	Jackson / Durfee Raised intersection	Reconstruction of the Durfee and Jackson intersection to a raised intersection, curb extension, high visibility crossings, lighting and landscaping	11
23	Passons / Jackson Raised Intersection	Reconstruction of the Passons and Jackson intersection to a raised intersection, curb extension, high visibility crossings, lighting and landscaping	20
24	Surface Parking Lot Entrance Upgrades	As potential circulation updates required for potential redevelopment projects on the South side of Whittier Blvd., update existing entrances to surface parking lots from Whittier Blvd. with new sidewalks and raised pedestrian crossing.	9
Phase 3 Projects: 5+ Years			
25	San Gabriel River Trail (West Bank) - Phase 1	Open a bike trail on the west bank of the San Gabriel River using the existing service road. Other improvements such as lighting and landscaping to occur with adjacent redevelopment.	26
26	Whittier Boulevard Advanced Design	Implementation of the advanced design condition for Whittier Blvd., which replaces the pilot design condition. Includes bioswale protected bicycle lanes, new lighting and landscaping, updated crossings, and other design features.	15, 16, 17
27	Paramount Blvd. Greenway - Phase 2	Implement elements of the advanced design condition for Whittier Blvd. for the Paramount Greenway; which will depend upon adjacent redevelopment.	23; adjacent redevelopment
28	Targeted Intersection Updates	Update of key intersections to a scramble crosswalk design based upon future travel volumes (pedestrian and vehicle), safety enhancements, and community engagement	9, 10
29	Business Improvement District (BID)	Develop a BID or similar structure to implement and manage reinvestment of private redevelopment into public realm facilities.	15, 23 and private redevelopment
30	San Gabriel River Bike/Ped Bridge	Update the San Gabriel River Bridge and/or provide a new pedestrian and bicycle only bridge across the San Gabriel River.	Pending current planning
31	Los Paseos - Phase 3	Implement design elements of Los Paseos - Phase 1 for existing alleys along Durfee Ave. North of the rail corridor.	

Pico Rivera
HISTORIC WHITTIER BLVD

Project Sponsors

City of Pico Rivera, California

Caltrans

Project Management + Outreach

CIVICWELL

day one

Technical Consultants

MIG

With: Fehr & Peers, EPS, JMD

GOOD OF THE ORDER

COUNCIL MEETING DATE	COUNCIL MEMBER	REQUEST	DETAIL	DIRECTOR(S)	ACTION TAKEN: Memo; Staff Report; Closed Session; Presentation; Follow-up Meeting; City Manager Reports; Informal Action	DISCUSSION ITEM	ACTION ITEM DATE	STATUS: Complete; Pending; On-going; In-Progress
2/14/2023	Garcia/Sanchez	Establishing Safe Spaces for kids	Take to City Council	P. Yugar	TBD	2/14/2023	8/8/2023	In-Progress
11/14/2023	Lara/Lutz	MHKO Ordinance	Take to City Council	A. Betancourt	TBD			In-Progress
1/23/2024	Lara/Garcia	Drone Technology Report	Take to City Council	S. Carmona	TBD			In-Progress
3/12/2024	Lutz/Garcia	Create funding for 1st time Home Buyers (Veterans/1st Responders)		A. Betancourt	TBD			Pending
3/12/2024	Lara/Camacho	Crosswalk Safety Assessment	Take to City Council	N. Negrete	TBD		5/28/2024	Pending
3/26/2024	Camacho/Garcia	Citywide Traffic Safety Assessment		N. Negrete	TBD			Pending
3/26/2024	Garcia/Lara	Graffiti Ordinance Update		A. Betancourt	TBD			Pending
4/9/2024	Garcia/Camacho	Ad Hoc regarding Traffic Calming Measures/Parking	Mayor to formally establish	N. Negrete & A. Betancourt			4/23/2024	Pending