

AGREEMENT FOR SERVICES

This Agreement is made and entered into this 5th day of June, 2023, by and between **THE CITY OF LA HABRA**, (hereinafter referred to as the “**CITY**”), and JMDiaz, Inc. (hereinafter referred to as the “**CONSULTANT**”).

RECITALS

WHEREAS, **CITY** requires professional services for; On-call Professional Engineering, Construction Management, and Inspection Services,

WHEREAS, the **CONSULTANT** represents that it is qualified and experienced to provide such services; and,

NOW, THEREFORE, for and in consideration of the mutual promises, covenants and conditions herein contained, **CITY** and **CONSULTANT** hereby agree as follows:

ARTICLE I **SCOPE OF SERVICES AND TERM**

1.1 General Scope of Services.

A. **CITY** hereby engages **CONSULTANT**, and **CONSULTANT** hereby accepts such engagement, to perform the various services set forth in Exhibit “A” (the documents contained in Exhibit “A” shall be hereinafter referred to as the “Scope of Work”).

B. All professional services to be provided by **CONSULTANT** pursuant to this Agreement shall be provided by personnel experienced in their respective fields and in a manner consistent with the standards of care, diligence, and skill ordinarily exercised by professional consultants in similar circumstances in accordance with sound professional practices.

C. Warranty: **CONSULTANT** warrants that it shall perform the professional services required by this Agreement in compliance with the federal and California laws related to minimum hours and wages, including but not limited to, 40 U.S.C.A. §§ 3141, et seq., California Labor Code, §§ 1171, et seq. and California Labor Code, §§ 6300, et seq.; fair employment practices, including but not limited to, 29 U.S.C. 651, et seq.; and fair employment, including but not limited to, 29 U.S.C. 201, et seq., The California Fair Employment and Housing Act California Government Code, §§ 12900, et seq., Title VI of the Civil Rights Act of 1964, as amended, 49 CFR 21 through appendix H and 23 CFR 710.405 (b); and all other federal, state and local laws and ordinances applicable to the work required under this Agreement.

D. Non-exclusive Agreement. **CONSULTANT** acknowledges that CITY may enter into agreements similar to this Agreement with other consultants.

1.2 Term.

The term of this Agreement shall begin on July 1, 2023 and continue until July 1, 2026; The City at its discretion, can extend the term of the Agreement for additional two (2) one-year extension or, until such time as it is terminated pursuant to the provisions in Article V of this Agreement.

ARTICLE II **RESPONSIBILITIES OF CONSULTANT**

2.1 Control and Payment of Subordinates.

CITY retains **CONSULTANT** as an independent contractor and not an employee of **CITY**. All personnel to be utilized by **CONSULTANT** in the performance of this Agreement shall at all times be under **CONSULTANT'S** exclusive direction and control. **CONSULTANT** shall pay all wages, salaries, and other amounts due such personnel in connection with their performance of services under this Agreement and as required by law. **CONSULTANT** shall be responsible for all reports and obligations with respect to such personnel, including, but not limited to social security taxes, income tax withholding, unemployment insurance, and workers' compensation insurance.

2.2 Conformance to Applicable Requirements.

All services provided by **CONSULTANT** shall be subject to the approval of the **CITY**.

2.3 Standard of Care; Licenses.

All professional services to be provided by **CONSULTANT** pursuant to this Agreement shall be provided by personnel experienced in their respective fields and in a manner consistent with the standards of care, diligence and skill ordinarily exercised by professional consultants in similar circumstances in accordance with sound professional practices. **CONSULTANT** represents and warrants to **CITY** that it has all licenses, permits, qualifications and approvals that are legally required to practice its profession and to provide the services hereunder. **CONSULTANT** further represents and warrants that it shall keep in effect all such licenses, permit, and other approvals during the term of this Agreement.

2.4 Project Representatives.

The City Manager or his designee shall be the Project Representative of **CITY** for purposes of this Agreement and may issue all consents, approvals, directives and agreement on behalf of **CITY**, called for by this Agreement except as otherwise expressly provided in this Agreement. Project representative shall coordinate all phases of this project and shall be available to **CITY** at all reasonable times.

2.5 Accounting Records.

CONSULTANT shall maintain complete and accurate records with respect to costs and expenses incurred in the performance of this Agreement. All such records shall be clearly identifiable as being associated with this Agreement. **CONSULTANT** shall allow an authorized representative of **CITY**, during normal business hours, to examine, audit, and make transcripts of copies of such records. **CONSULTANT** shall allow **CITY** to inspect all work, data, documents, proceedings, and activities related to this Agreement for a period of three (3) years from the date of final payment (or completion of work) under this Agreement.

ARTICLE III **COMPENSATION**

3.1 Compensation.

Except as provided in this section, **CONSULTANT** shall receive compensation for all Services rendered under this Agreement at the rates set forth in the Schedule of Hourly Billing Rates attached hereto as Exhibit "B", and incorporated herein by reference. Total annual compensation shall not exceed four hundred fifty thousand dollars (\$450,000), without written approval of **CITY'S** Project Representative. **CONSULTANT** shall not receive compensation for any services provided outside the Scope of Work unless such additional services (hereinafter "Extra Work") are approved in writing by **CITY** or its appointed representative prior to **CONSULTANT** performing the "Extra Work".

3.2 Payment of Compensation.

CONSULTANT shall provide **CITY** an itemized monthly statement which indicates work completed, hours of service rendered and units of supplies provided to the Project by **CONSULTANT**, from July 1, 2023, or the start of the subsequent billing periods, as appropriate, through the date of the statement. **CITY** shall make any payment due within forty- five (45) days after approval of the invoice by **CITY**.

3.3 Extra Work.

At any time during the term of this Agreement, **CITY** may request that **CONSULTANT** perform Extra Work. As used herein, "Extra Work" means any work which is determined by **CITY** to be necessary for the proper completion of the Project, but which the parties did not reasonably anticipate would be necessary at the execution of this Agreement. **CONSULTANT** shall not perform Extra Work until receiving prior written authorization from **CITY'S** Project Representative. It is specifically understood and agreed that oral requests and/or approvals of "Extra Work" shall be barred and are unenforceable.

3.4 Amendment of Scope of Work.

CITY shall have the right to amend the Scope of Work within the Agreement by written notification to the **CONSULTANT**. In such event, the compensation and time of performance shall be subject to renegotiation upon written demand of either party to the Agreement. Failure of **CONSULTANT** to secure **CITY'S** written authorization for "Extra Work" or changed work shall constitute a waiver of any and all right to adjustment in the contract price or time due, whether by way of compensation, restitution, quantum meruit, etc. for work done without the appropriate **CITY** authorization.

3.5 Reimbursement for Expenses

CONSULTANT shall not be reimbursed for any expenses unless prior written authorization is obtained from **CITY**.

ARTICLE IV **INSURANCE**

4.1 Insurance Requirements.

The **CITY** reserves the right to modify these requirements, including limits, based on the nature of the risk, prior experience, insurer, coverage, or other special circumstances. If the existing policies do not meet the Insurance Requirements set forth herein, **CONSULTANT** agrees to amend, supplement or endorse the policies to do so.

Without limiting the indemnity provisions of the Contract, the **CONSULTANT** shall procure and maintain in full force and effect during the term of the Contract, the following policies of insurance.

4.2 Minimum Scope of Insurance.

- (a) **Commercial General Liability (CGL)** which affords coverage at least as broad as Insurance Services Office "occurrence" form CG

00 01, including products and completed operations, property damage, bodily injury, and personal & advertising injury with limits no less than \$2,000,000 per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit.

- (b) **Automobile Liability Insurance** with coverage at least as broad as Insurance Services Office Form CA 0001 covering “Any Auto” (Symbol 1) with limit no less than \$1,000,000 each accident for bodily injury and property damage.
- (c) **Workers’ Compensation** as required by the State of California with statutory limits, and Employer’s Liability Insurance with a limit of not less than \$1,000,000 per accident for bodily injury or disease.
- (d) **Professional Liability** with limit of not less than \$1,000,000 each claim and \$2,000,000 aggregate. Covered Professional Services shall specifically include all professional services to be performed under the contract and delete any exclusion that may potentially affect the work to be performed.

If the **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 higher limits maintained by the **CONSULTANT**.

4.3 Endorsements.

Insurance policies shall not be in compliance if they include any limiting provision or endorsement that has not been submitted to the **CITY** for approval. The insurance policies shall contain or be endorsed to contain, the following provisions:

- (a) Commercial General Liability
 - (1) **Additional Insured:** The City, its elected officials, officers, employees, volunteers, boards, agents and representatives shall be additional insureds with regard to liability and defense of suits or claims arising out of the work or operations performed by or on behalf of the Consultant including materials, parts or equipment furnished in connection with such work or operations. Additional Insured Endorsements shall not:
 1. Be limited to “Ongoing Operations”
 2. Exclude “Contractual Liability”
 3. Restrict coverage to the “Sole” liability of contractor

4. Exclude "Third-Party-Over Actions"
5. Contain any other exclusion contrary to the Contract Additional Insured Endorsements shall be at least as broad as ISO Form(s) CG 2010 and CG 20 37.

(2) **Primary Insurance:** This insurance shall be primary and any other insurance whether primary, excess, umbrella or contingent insurance, including deductible, or self-insurance available to the insureds added by endorsement shall be in excess of and shall not contribute with this insurance. Coverage shall be at least as broad as ISO CG 20 01 04 13.

(b) Auto Liability

(1) **Additional Insured:** The City, its elected officials, officers, employees, volunteers, boards, agents and representatives shall be additional insureds with regard to liability and defense of suits or claims arising out of the work or operations performed by or on behalf of the Consultant.

(2) **Primary Insurance:** This insurance shall be primary and any other insurance whether primary, excess, umbrella or contingent insurance, including deductible, or self-insurance available to the insureds added by endorsement shall be in excess of and shall not contribute with this insurance.

(c) Workers' Compensation

(1) **Waiver of Subrogation:** A waiver of subrogation stating that the insurer waives all rights of subrogation against the indemnified parties.

4.4 Insurance Obligations of Consultant.

The Insurance obligations under this agreement shall be: (1) all the Insurance coverage and/or limits carried by or available to the **CONSULTANT**; or (2) the minimum Insurance coverage requirements and/or limits shown in this agreement; whichever is greater. Any insurance proceeds in excess of or broader than the minimum required coverage and/or minimum required limits, which are applicable to a given loss, shall be available to the **CITY**. No representation is made that the minimum Insurance requirements of this agreement are sufficient to cover the obligations of the **CONSULTANT** under this agreement.

4.5 Notice of Cancellation.

Required insurance policies shall not be cancelled or the coverage reduced until a thirty (30) day written notice of cancellation has been served upon the **CITY** except ten (10) days shall be allowed for non-payment of premium.

4.6 Waiver of Subrogation.

Required insurance coverages shall not prohibit **CONSULTANT** from waiving the right of subrogation prior to a loss. **CONSULTANT** shall waive all rights of subrogation against the indemnified parties and Policies shall contain or be endorsed to contain such a provision. This provision applies regardless of whether the **CITY** has received a waiver of subrogation endorsement from the insurer.

4.7 Evidence of Insurance.

All policies, endorsements, certificates, and/or binders shall be subject to approval by the **CITY** as to form and content. These requirements are subject to amendment or waiver only if so approved in writing by the **CITY**. The **CITY** reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by these specifications, at any time.

The certificates and endorsements for each insurance policy shall be signed by a person authorized by that insurer to bind coverage on its behalf. At least fifteen (15) days) prior to the expiration of any such policy, evidence of insurance showing that such insurance coverage has been renewed or extended shall be filed with the **CITY**. If such coverage is cancelled or reduced, **CONSULTANT** shall, within ten (10) days after receipt of written notice of such cancellation or reduction of coverage, file with the **CITY** evidence of insurance showing that the required insurance has been reinstated or has been provided through another insurance company or companies.

4.8 Deductible or Self-Insured Retention.

Any deductible or self-insured retention must be approved in writing by the **CITY** and shall protect the indemnified parties in the same manner and to the same extent as they would have been protected had the policy or policies not contained a deductible or self-insured retention. The **CITY** may require the **CONSULTANT** to purchase coverage with a lower retention or provide proof of ability to pay losses and related investigations, claim administration and defense expenses within the retention.

4.9 Contractual Liability.

This indemnity provision shall be included on the **CONSULTANT'S** commercial general liability policy endorsement and/or certificates.

4.10 Failure to Maintain Coverage.

CONSULTANT agrees to suspend and cease all operations hereunder during such period of time as the required insurance coverage is not in effect and evidence of insurance has not been furnished to the **CITY**. The **CITY** shall have the right to withhold any payment due until **CONSULTANT** has fully complied with the insurance provisions of this Contract.

In the event that the **CONSULTANT'S** operations are suspended for failure to maintain required insurance coverage, the **CONSULTANT** shall not be entitled to an extension of time for completion of the Work because of production lost during suspension.

4.11 Acceptability of Insurers.

Each such policy shall be from a company or companies with a current A.M. Best's rating of no less than A:VII and authorized to do business in the State of California, or otherwise allowed to place insurance through surplus line brokers under applicable provisions of the California Insurance Code or any federal law. Any other rating must be approved in writing by the **CITY**.

4.12 Claims Made Policies.

If coverage is written on a claims-made basis, the retroactive date on such insurance and all subsequent insurance shall coincide or precede the effective date of the initial **CONSULTANT'S** Contract with the **CITY** and continuous coverage shall be maintained or an extended reporting period shall be exercised for a period of at least five (5) years from termination or expiration of this Contract.

4.13 Insurance for Subcontractors.

CONSULTANT shall be responsible for causing Subcontractors to purchase the same types and limits of insurance in compliance with the terms of this Contract/Agreement, including adding the **CITY** as an Additional Insured, providing Primary and Non-Contributory coverage and Waiver of Subrogation to the Subcontractor's policies. The Commercial General Liability Additional Insured Endorsement shall be on a form at least as broad as CG 20 38 04 13.

4.14 Additional Insurance.

Further, **CONSULTANT** shall obtain any additional kinds and amounts of insurance which, in its own judgment, may be necessary for the proper protection of any of its officers', employees', or authorized sub-consultant(s)' own actions during the performance of this Agreement.

ARTICLE V
TERMINATION AND INDEMNIFICATION

5.1 Notice of Termination.

CITY may terminate the whole or any part of this Agreement at any time and without cause by giving seven (7) days written notice to **CONSULTANT** of such termination, and specifying the effective date thereof. **CONSULTANT** shall discontinue all services affected by such termination within seven (7) days of receipt of such notice, unless otherwise instructed by **CITY** in writing. **CONSULTANT** shall not terminate this Agreement except for cause.

5.2 Termination Without Cause.

If **CITY** terminates this Agreement without cause, **CONSULTANT** shall be paid for services performed through the date of termination, upon receipt of written documentation of said services by **CITY**. Such payment shall include a pro-rated amount of profit, if applicable, but no amount shall be paid for anticipated profit on unperformed services.

5.2 Termination for Cause.

Should **CONSULTANT** default in the performance of any covenant, condition, or agreement contained in this Agreement and the default is not cured within thirty (30) days after written notice of the default is served on **CONSULTANT** by **CITY** then **CITY**, in addition to any other remedies at law or equity, may terminate this Agreement. **CONSULTANT** shall be compensated for services which have been completed and accepted by **CITY**. **CONSULTANT** shall be liable to **CITY** for any reasonable additional costs incurred to correct or cure work performed by **CONSULTANT** that does not meet the standard of care which, at **CITY'S** discretion, must be revised, in part or in whole, to complete the Project.

5.4 Procurement of Similar Services.

In the event this Agreement is terminated as provided by this Article, with or without cause, in whole or in part, **CITY** may procure, any and all services as may be necessary to complete the Project.

5.5 Work Product.

In the event of termination of this Agreement, all finished or unfinished design, development and construction documents, data studies, drawings, maps and reports prepared by **CONSULTANT** shall be delivered to the **CITY** within seven (7) days of

CONSULTANT's receipt of termination notice, and at no additional cost to CITY. Any use of uncompleted documents without specific written authorization from CONSULTANT shall be at CITY's sole risk and without liability or legal expense to CONSULTANT.

5.6 Indemnification and Hold Harmless.

These Indemnification provisions are independent of and shall not in any way be limited by the Insurance Requirements of this Agreement. CITY approval of the Insurance contracts required by this Agreement does not in any way relieve the CONSULTANT from liability under this section.

Notwithstanding the existence of insurance coverage required of **CONSULTANT** pursuant to this contract, **CONSULTANT** agrees to defend, indemnify, hold free and harmless the **CITY**, its elected and appointed officials, officers, agents and employees, at **CONSULTANT'S** sole expense, from and against any and all claims, demands, actions, suits or other legal proceedings arising out of, pertaining to, or relating to the negligence, recklessness, or willful misconduct of **CONSULTANT** brought against the **CITY**, its elected and appointed officials, officers, agents and employees arising out of the performance of the **CONSULTANT**, its employees, and/or authorized subcontractors, of the work undertaken pursuant to this Agreement. The defense obligation provided for hereunder shall apply without any advance showing of negligence, recklessness, or willful misconduct by the **CONSULTANT**, its employees, and/or authorized subcontractors, but shall be required whenever any claim, action, complaint, or suit asserts as its basis the negligence, recklessness, or willful misconduct of the **CONSULTANT**, its employees, and/or authorized subcontractors, and/or whenever any claim, action, complaint or suit asserts liability against the **CITY**, its elected and appointed officials, officers, agents and employees based upon the negligence, recklessness, or willful misconduct of the **CONSULTANT**, its employees, and/or authorized subcontractors under this Agreement, whether or not the **CONSULTANT**, its employees, and/or authorized subcontractors are specifically named or otherwise asserted to be liable. Notwithstanding the foregoing, the **CONSULTANT** shall not be liable for the defense or indemnification of the **CITY** for claims, actions, complaints or suits arising out of the sole active negligence or willful misconduct of the **CITY**. This provision shall supersede and replace all other indemnity provisions contained either in the **CITY'S** specifications or **CONSULTANT'S** Proposal, which shall be of no force and effect.

ARTICLE VI
GENERAL PROVISIONS

6.1 Notices.

All notices and written communications sent by one party to the other shall be personally delivered or sent by registered or certified U.S. Mail postage prepaid, return receipt requested to the following addresses indicated below:

IF TO CITY: Albert Mendoza, P.E.
Deputy Director of Public Works/City Engineer
City of La Habra
110 E. La Habra Blvd.
La Habra, CA 90631

TO CONSULTANT: JMDiaz, Inc.
Juan M. Diaz
President/CEO
18645 East Gale Avenue, Suite 212
City of Industry, CA 91748

The effective date of any notice or written communications sent by one party to the other shall be the date received if by personal service, or 48 hours after deposit in the U.S. Mail as reflected by the official U.S. postmark.

6.2 Entire Agreement.

This Agreement contains the entire Agreement of the parties with respect to the subject matter hereof, and supersedes all prior negotiations, understandings, or agreement whether verbal or written, concerning the same subject matter. This Agreement may be modified only by a writing signed by both parties.

6.3 Successors and Assigns.

This Agreement shall be binding on the successors and assigns of the parties. This Agreement may not be sold, transferred or assigned by either party, or by operation of law, to any other person or persons or business entity, without the other party's written permission. Any such sale, transfer or assignment, or attempted sale, transfer or assignment without written permission, may be deemed by the other party to constitute a voluntary termination of this Agreement and this Agreement shall thereafter be deemed terminated and void.

6.4 Subcontracts.

CONSULTANT shall not subcontract any portion of the work required by this Agreement without prior written approval of **CITY**. All approved subcontracts, if any, shall be accomplished by a written instrument. Such instrument shall contain an expressed assumption by the subcontractor of all conditions and terms and covenants contained in this Agreement.

6.5 Equal Opportunity Employment.

CONSULTANT represents that it is an equal opportunity employer and shall not discriminate either directly or indirectly against an employee or applicant for employment with **CONSULTANT** on the basis of race, color, religion, national origin, ancestry, sexual preference, sex or age. **CONSULTANT** shall also take affirmative steps to ensure that applicants are employed and employees are treated during employment without regard to race, color, religion, national origin, ancestry, sexual preference, sex, age, or other prohibited grounds.

6.6 Attorney's Fees.

If either party commences a legal action against the other party arising out of or in connection with this Agreement, the prevailing party in such litigation shall be entitled to have and recover reasonable attorney's fees and costs of suits.

6.7 Governing Law.

This Agreement shall be governed by and construed with the laws of the State of California. Any Action to enforce the terms of this Agreement or for the breach thereof shall be brought and tried in the County of Orange.

6.8 Time of Essence.

Time is of the essence for each and every provision of this Agreement.

6.9 Right to Employ Other Consultants.

CITY reserves the right to employ other consultants in connection with this Project.

6.10 Covenant Against Contingent Fees.

CONSULTANT warrants that he/she/it has not employed or retained any company or person, other than a bona fide employee working with **CONSULTANT**, to solicit or secure this Agreement, and that he/she/it has not paid or agreed to pay any

company or person, other than a bona fide employee, any fee, commission, percentage, brokerage fee, gift, or any other consideration, contingent upon or resulting from the award or making of this Agreement. For breach or violation of this warranty, **CITY** shall have the right to annul this Agreement without liability or, in its discretion to deduct from **CONSULTANT'S** compensation provided under this Agreement, or otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gift, or contingent fee.

6.11 Conflict of Interest.

CONSULTANT covenants that he/she/it presently has no interest and shall not acquire any interest, direct or indirect, which would conflict in any manner or degree with the performance of its Services hereunder. **CONSULTANT** further covenants that in the performance of this Agreement, no person having any such conflict of interest shall be employed by **CONSULTANT**.

6.12 Statement of Economic Interest.

If **CITY** determines **CONSULTANT** comes within the definition of **CONSULTANT** under the Political Reform Act (Government Code §87100 et. seq.), **CONSULTANT** shall complete and file and shall require any other person doing work under this Agreement, to complete and file a "Statement of Economic Interest" with the City Clerk of the **CITY** disclosing **CONSULTANT** and/or such other person's financial interests.

6.13 No Waiver of Breach; Time.

No waiver of any provision of this Agreement shall be effective unless in writing and signed by a duly authorized representative of the party against whom enforcement of a waiver is sought referring expressly to this Paragraph. The waiver of any right or remedy in respect to any occurrence or event shall not be deemed a waiver of any right or remedy in respect to any other occurrence or event, nor shall any waiver constitute a continuing waiver.

6.14 Third Party Beneficiaries.

Nothing contained in this Agreement shall be construed to create and the parties do not intend to create any rights in third parties.

6.15 Taxes.

CONSULTANT agrees to file tax returns and pay all applicable taxes on amounts paid pursuant to this Agreement and shall be solely liable and responsible to pay such taxes and other obligations, including, but not limited to, state and federal income and FICA taxes. **CONSULTANT** agrees to indemnify and hold **CITY** harmless from any liability which it may incur to the United States or to the State of California as

a consequence of **CONSULTANT'S** failure to pay, when due, all such taxes and obligations.

6.16 Compliance with Law.

CONSULTANT shall comply with applicable federal, state and local laws, rules and regulations affecting the **CONSULTANT** and his/her/its work hereunder.

6.17 Title to Documents.

Title to all plans, specifications, maps, estimates, reports, manuscripts, drawings, descriptions and other final work products compiled by **CONSULTANT** under the Agreement shall be vested in **CITY** upon compensation to **CONSULTANT** none of which shall be used in any manner whatsoever, by any person, firm, corporation, or agency without the expressed written consent of **CITY**. Basic survey notes and sketches, charts, computations, and other data prepared or obtained under the Agreement shall be made available, upon request, to **CITY** without restriction or limitations on their use. **CONSULTANT** may retain copies of the above described information but agrees not to disclose or discuss any information gathered, discussed or generated in any way through this Agreement without the written permission of **CITY** during the term of this Agreement or until ninety (90) days after receipt of final payment from **CITY**, except for disclosures which are required by law, rule, regulation, court order, or government investigation

6.18 Validity.

The validity in whole or in part of any provision of this Agreement shall not void or affect the validity of any other provisions of this Agreement.

6.19 Headings.

Section and subsection headings are not to be considered part of this Agreement, are included solely for convenience, and are not intended to modify or explain or to be a full or accurate description of the content thereof.

6.20 Counterparts.

This Agreement may be executed in one or more counterparts by the parties hereto. All counterparts shall be construed together and shall constitute one agreement.

6.21 Corporate Authority.

The persons executing this Agreement on behalf of the Parties hereto warrant that they are duly authorized to execute this Agreement on behalf of said Parties and

that by doing so, the Parties hereto are formally bound to the provision of this Agreement.

6.22 Confidentiality.

All findings, reports, information and exhibits prepared or assembled by **CONSULTANT** in connection with the performance of its professional services pursuant to this Agreement are confidential and **CONSULTANT** agrees that they shall not be made available to any individual or organization without the prior consent of **CITY**. All findings, reports, information and exhibits shall become the property of **CITY**.

6.23 Responsibility for Errors.

CONSULTANT shall be responsible for its own work and results under this Agreement, and shall not be responsible for any work by **CITY** performed prior to the date of this Agreement or for any other acts or omissions directly attributable to **CITY**. **CONSULTANT**, when requested, shall furnish clarification and/or explanation as may be required by **CITY** regarding any services rendered under this Agreement at no additional cost to **CITY**. In the event that a negligent error or omission attributable to **CONSULTANT** occurs, then **CONSULTANT** shall, at no cost to **CITY**, provide all necessary design drawings, estimates and other **CONSULTANT** professional services, as authorized by this Agreement necessary to rectify and correct the matter to the standard of care of **CITY** and to participate in any meeting required with regard to the correction.

6.24 Independent Contractor.

The parties hereto acknowledge and agree that the relationship between **CITY** and **CONSULTANT** is one of principal and independent contractor and no other. Nothing contained in this Agreement shall

create or be construed as creating a partnership, a joint venture, employment relations, or any other relationship except as set forth between the parties. The parties specifically acknowledge and agree that **CONSULTANT** is not a partner with **CITY**, whether general or limited, and no activities of **CITY** or **CONSULTANT** or statements made by **CITY** or **CONSULTANT** shall be interpreted by any of the parties hereto as establishing any type of business relationship other than an independent contractor relationship.

NOTE: In the event the **CONSULTANT'S** personal services are required, the following shall apply:

This Agreement is made on the express condition and understanding that JMDiaz, Inc.'s personal services are a substantial inducement to **CITY** for entering into this Agreement. If for any reason Juan Diaz, President/CEO should no longer be the responsible manager for **CONSULTANT**, this Agreement shall be subject to immediate termination on written notice from **CITY**.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed the date and year first above written.

CITY OF LA HABRA:

APPROVED AS TO FORM:

JIM SADRO, CITY MANAGER

RICHARD D. JONES, CITY ATTORNEY

ATTEST:

CONSULTANT

RHONDA BARONE, CMC
CITY CLERK

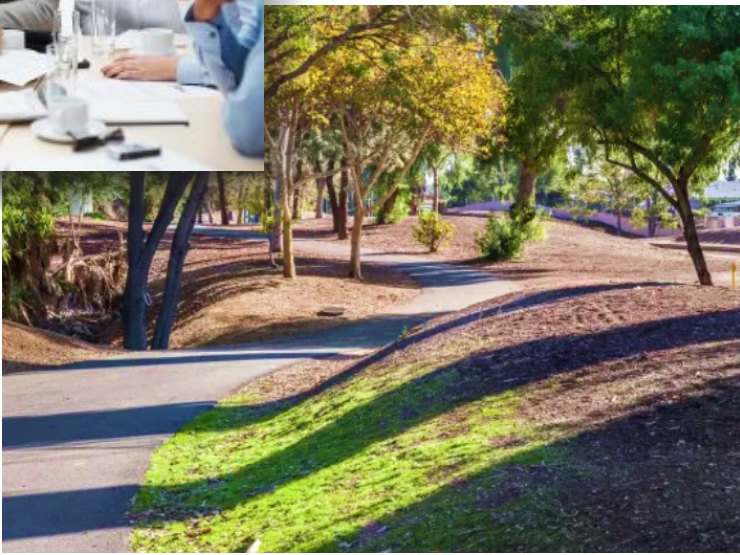
Juan M. Diaz
JMDiaz, Inc.

EXHIBIT "A"
SCOPE OF WORK



On-Call Professional Engineering, Construction Management and Inspection Services for Public Works Projects

City of La Habra, CA



02.16.23

Submitted By:



18645 East Gale Avenue | Suite 212 | City of Industry, CA 91748
Ph: 626.820.1137 | F: 626.820.1136

www.jmdiaz.com

February 16, 2023

Mr. Tony An, PE
Principal Engineer
City of La Habra, Engineering Division
110 East La Habra Boulevard
La Habra, CA 90633

2023.1112.0015.00

SUBJECT: Proposal to Provide On-Call Professional Engineering, Construction Management and Inspection Services for Public Works Projects in the City of La Habra, CA

Dear Mr. An:

JMDiaz, Inc. (JMD), a local comprehensive engineering firm, is pleased to submit this proposal to provide **Professional Engineering, Construction Management and Inspection Services** on an on-call basis for various Public Works projects for the City of La Habra. Our proposal, which remains in effect for a period of 90 days, has been prepared in accordance with the City's Request for Proposals dated January 25, 2023, and outlines our qualifications in traffic and civil engineering, construction management and inspection related disciplines.

We offer comprehensive on call professional engineering services, state of the art design, value and responsiveness.

JMD is a full-service engineering firm providing planning, engineering and management for a variety of projects involving multiple disciplines including civil, highways, rail, traffic and transit engineering services. JMD has unique experience serving numerous agencies, like La Habra, with highway, roadway, construction management and inspection services illustrated in the figure to the right. Such experience includes providing on call civil engineering as well as the design of miles of roadway rehabilitation projects throughout Southern California. In addition, JMD staff are assisting the City of La Habra on the La Habra/UPRR Bikeway Project and other agencies on the following on call programs:



- | | | |
|---|--|--|
| <ul style="list-style-type: none"> ● On Call Civil Engineering <ul style="list-style-type: none"> ○ City of Commerce ○ City of Covina ○ City of Chino ○ City of Industry | <ul style="list-style-type: none"> ● On Call Traffic Engineering <ul style="list-style-type: none"> ○ City of Los Angeles ○ City of San Gabriel ○ City of South Gate ○ Port of Long Beach | <ul style="list-style-type: none"> ● On Call A/E Engineering <ul style="list-style-type: none"> ○ City of La Habra ○ City of Glendora ○ City of Pico Rivera ○ City of San Gabriel |
|---|--|--|

Our custom project team offers flexibility and expandability to meet the changing needs of every project.

JMD has assembled a comprehensive project team with City of La Habra knowledge and experience to assist the City with civil engineering review, analysis, design and construction support services. JMD's objective is to assist the City in achieving its goals in a timely and responsive manner. Assigned to this important project is one of our most qualified, experienced, multidiscipline and diverse Project Managers, **Ivan Salvatierra, PE, TE**, who has over 19 years of professional engineering experience serving regional agencies and local municipalities including the City of La Habra. Ivan offers comprehensive capabilities to meet the City's project needs and requirements. In addition, he has conducted studies and prepared designs for numerous agencies including the Cities of La Habra, Los Angeles, Pico Rivera and San Gabriel as well as Caltrans and LA Metro.

18645 East Gale Avenue, Suite 212, City of Industry, CA 91748
(626) 820-1137 Tel • (626) 820-1136 Fax



Mr. Tony An, PE
 February 16, 2023
 Page 2

We offer the depth of resources to cover the need of each project or task and meet aggressive schedules.

The JMD Team relies on a vast depth of resources consisting of over 100 employees in Southern California alone to meet the City's civil engineering needs. To support our Project Manager, we have assembled a comprehensive team of experts with expertise in a wide range of services including architecture, engineering, environmental and real estate services to cover the City of La Habra's needs. Also, the JMD Team has extensive City of La Habra and local agency knowledge and experience to assist the City with the development of preliminary and final design for a variety of parks and public works related projects. The JMD Team includes experienced firms with key roles outlined below.

Subconsultant/Vendor (in bold)	Role	Address
Blodgett Baylosis Environmental Planning	Environmental Documentation	2211 S. Hacienda Bl., Ste 107, Hacienda Heights, CA 91745
Calvada Surveying Inc.	Surveying & ROW Eng.	411 Jenks Circle, Ste 205, Corona, CA 92880
CHO Design Associates	Structures	3001 Red Hill Av., Suite 6-206, Costa Mesa, CA 92626
FHA Consulting Engineers	Surveying & ROW Eng.	13621 Espirit Way, Irvine, CA 92620
Geo-Advantec, Inc.	Geotechnical	457 W. Allen Ave., Ste 113, San Dimas, CA 91773
Ninyo & Moore	HAZMAT	475 Goddard, # 200, Irvine, CA 92618
MIG, Inc.	Landscape Architecture	109 W. Union Av., Fullerton, CA 92832
Overland, Pacific & Cutler, Inc.	Real Estate	3750 Schaufele Av., Ste. 150, Long Beach, CA 90808
NDS	Traffic Data	1535 S. La Cienega Blvd, Los Angeles, CA 90035
C Below	Potholing	14280 Euclid Ave, Chino, CA 91710

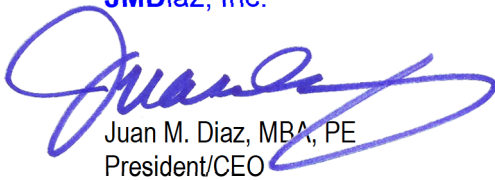
As Project Manager, Ivan will be the point of contact for this on-call program and can be contacted at (626) 820-1137 ext. 1203 or via email at isalvatierra@jmdiaz.com. Also, JMD is unaware of any conflict of interest in performing the proposed work. In addition, as Principal, I will be the final contract representative responsible for committing necessary resources and providing services in a responsive, cost-effective, innovative, timely and quality manner.

We are excited about the possibility to continue serving the **City of La Habra** and offer numerous benefits including:

- ✓ A Multidiscipline Project Manager and Team with unique City of La Habra knowledge and experience.
- ✓ A Project Team with extensive multidiscipline civil engineering expertise needed for City facilities.
- ✓ A Project Manager who is a California registered Professional Civil and Traffic Engineer.
- ✓ A Project Manager and Team with proven communication skills and experienced with diverse communities.
- ✓ A Project Team with a cost-effective approach and reputation for responsiveness and quality.

We appreciate the opportunity to submit our qualifications for your consideration on this important on call program. Should you have any questions regarding this proposal, please contact me at (626) 820-1137 ext. 1101 or via email at jmdiaz@jmdiaz.com.

Sincerely,
JMDiaz, Inc.



Juan M. Diaz, MBA, PE
 President/CEO

Enclosures



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B.	Proposed Staffing and Project Organization	27

Appendix

- Key Personnel Resumes
- Required Forms
 - Conflict of Interest Disclaimer
 - Acknowledgement of Insurance Requirements

Note: *Per the direction of the City's RFP, the FEE PROPOSAL is submitted under separate cover.*



A. Qualifications, Related Experience and References

JMDiaz, Inc. (JMD), a California corporation, offers a full range of architecture, transportation planning and civil engineering for local agencies, schools, railroads and private entities in California.

Founded by owner Juan M. Diaz in 2001, JMD has been serving clients from its office in City of Industry, California for over 21 years. Currently, JMD has a staff of 26 professionals and administrative staff.

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)
- Local Small Business Enterprise (LSBE)
- Minority Business Enterprise (MBE)

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 four (4) office locations:

<p>City of Industry, CA</p> <p>18645 East Gale Avenue, Suite 212 City of Industry, CA 91748 Phone (626) 820-1137 • Fax (626) 820-1136 www.jmdiaz.com</p> <ul style="list-style-type: none"> • Orange County, CA • San Diego, CA • West Covina, 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/Program Management
- On Site Municipal Services
- Staff Augmentation
- Construction Management
- Construction Inspection



Service Areas

Planning

JMD develops planning studies for a host of transportation and land development projects. Planning studies for transportation projects include the development of project study reports and project reports related to highway projects involving railroads and State agencies such as Caltrans. JMD professionals are very familiar with Caltrans project development procedures, standards and requirements for State highways. In addition, JMD assists local agencies with funding applications in accordance with California Public Utilities Commission (CPUC) and Caltrans/FHWA requirements.

JMD also prepares feasibility studies for a variety of projects including roadway and rail corridor projects including rail/highway grade separations as well as grade crossing safety and quiet zone projects requiring careful coordination with multiple stakeholders and sensitive agencies, railroads and communities. JMD staff is also experienced in the development of traffic studies for site development and transportation projects. JMD staff have prepared traffic impact studies for land development projects including commercial, residential, school and large resort projects. These studies include traffic impact, access, circulation and parking studies.

Engineering

JMD offers expertise in several areas of civil engineering including highway, land development, rail, traffic and transit engineering. JMD's experience includes the development of plans, specifications and estimates for a variety of facilities including freeways, roadways, streetscapes, traffic signals, lighting systems, light rail corridors, railroads, grade crossings and development sites. These projects have required JMD's expertise in roadway, grading, drainage, utility, signing & striping, traffic signals, lighting, traffic control, grade crossing, transit and track alignment design.

Management

JMD provides three types of management services, namely, project management, construction management and program management. JMD provides project and program management services to public agencies in the development of transportation projects. These services include assisting local agencies in applying for State and local funding for the development of public works projects including

roadway, trackwork and rail/highway grade separation projects.

Corporate Stability

JMD is a growing engineering firm properly managed to maintain stability, innovation, cost effectiveness and responsiveness. Stability is assured through managed growth whereby resources are made available to meet client needs. Cost effectiveness is made possible by effectively monitoring resources and expenses and passing on achieved savings to clients by way of offering the lowest overhead costs in the industry. Most importantly, is responsiveness which is made possible through effective project management and commitment to meeting project objectives within schedule and budget. The net result is a successful organization, growing through repeat business, leading projects as a prime consultant and successfully competing with the largest firms in the nation.

JMD is financially strong, with minimal debt, and without bankruptcy, pending litigation, planned office closures and impending mergers. Most importantly, JMD's strength in completing this project is reinforced by its clients who seek responsiveness regardless of size. In fact, JMD is currently completing projects for clients who have not been fully satisfied by the work of larger firms.

Financial Condition

Incorporated in 2005, JMDiaz, Inc. (JMD) is 100% Hispanic-owned by Juan M. Diaz, the firm's 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 minimal 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 considered a strong credit rating.

JMD's strength in completing the subject RFP scope of services is reinforced by its increasing project contract values currently yielding nearly \$4,000,000 in fees annually. Most importantly, however, is JMD's earned trust among its clients who seek responsiveness and competence regardless of size of firm. In fact, JMD has been retained by several agencies to complete projects partially or unsatisfactorily completed by other firms.



Subconsultants

JMD has selected reputable firms for this on call program based on their ability to provide responsive, innovative and effective services in a quality manner. Several of these firms have served the City of La Habra and/or agencies with similar projects to those in the City of La Habra. The following is a brief description of each of these firms.

BLODGETT BAYLOSIS ENVIRONMENTAL PLANNING

Planning • Environmental • Economics • Mapping & GIS

Role: Environmental Documentation

Blodgett/Baylosis Environmental Planning is a full-service planning and environmental consulting firm that is geared to both public and private sector clients. B/BEP's goal is to find a balance between the often-divergent goals of environmental protection and economic development. Our clients benefit from a proven approach comprised of objective issue identification, focused analysis, consensus building, and the appropriate allocation of resources. Other features unique to our overall philosophy include:

- **Project Management.** Only the most experienced personnel are assigned to BBEP's work efforts. Their "hands-on" management approach will ensure that any undertaking is completed in a timely, efficient, and cost-effective manner.
- **Project Coordination.** For larger projects, project team meetings are held at regular intervals during key phases of the work program. These meetings will ensure that lines of communication, as well as schedules, are maintained.
- **Interdisciplinary Approach.** The composition of BBEP's project team adheres to a philosophy that draws professionals from a variety of disciplines when such expertise is required.
- **Solutions-Oriented Approach.** BBEP's objective is to provide their clients with comprehensive and legally defensible solutions and their work programs serve as a usable framework to enable any endeavor to be brought to a successful conclusion.

CAL VADA SURVEYING, INC.

Role: Aerial Surveying/ROW Engineering

Calvada Surveying, Inc. was established in 1989 by Armando DuPont, PLS and Edward Schenet, PLS with its company headquarters in Corona, California. The firm provides professional land surveying services for various industries including real estate, telecommunications, construction, and environmental projects. Their clients are presented with professionalism, superb customer service, and the finest technology available. They take pride in not only as being a pioneer of advanced land surveying technology, but also a family-oriented company with an immensely dedicated and experienced staff on which Calvada Surveying was built. The firm's Corona headquarters currently employs 25 professionals, including 4 Licensed Land Surveyors and 8 fully equipped 2 man-crews. It is their policy and goal to provide timely service that will help keep their clients' projects on schedule and within budget. Because of this, Calvada has developed an outstanding reputation in the industry for providing timely, high quality service.

CHO DESIGN ASSOCIATES, INC.

Role: Structures

Cho Design Associates, Inc., (CDA) is a multi-disciplined engineering firm that provides a variety of structural engineering and design services for clients in California, Arizona, Hawaii and the District of Columbia since 1997.

Specific to this proposal, CDA has provided a wide range of structural 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 experience in the area of Public Agency Assistance includes plan checking, project management assistance peer reviews and multi-agency negotiations. CDA's plan checking experience includes public works projects and capital improvement projects. CDA can provide this service as a complete plan check, oversight review or as an independent check. CDA has provided this service to



various public agencies and also to other consulting firms. CDA has also been involved in multi-agency negotiations to clarify requirements, responsibilities, design criteria and coordinate concurrent projects.



Role: Surveying

FHA Consulting Engineers (FHA) is a small and established civil engineering firm which offers professional land surveying and mapping services throughout California. FHA applies state-of-the-art land surveying techniques and instruments to produce high quality products that can be relied on for further design and use by public and private sector clients.

FHA began in January 2003 in Irvine, California to provide surveying and engineering services.

FHA continues to successfully work on various public works projects for a variety of public agencies and private sector clients throughout California.

Geo-Advantec, Inc.

Role: Geotechnical Investigation

Geo-Advantec Inc. (GAI) 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.



Role: Urban Design / Landscaping / Irrigation

MIG, Inc. is a multidisciplinary firm that specializes in urban planning and design, consensus building and facilitation, and communications. MIG offers a full range of services, including master planning, site planning, streetscape design, zoning, conceptual

design, transit-oriented development planning, and policy planning. MIG's work is characterized by a dedication to quality, a flexible approach, creativity in planning and design, and a commitment to completing projects on time and within budget. Since 1982, MIG has worked extensively with public agencies and municipalities in California, nationally and internationally on design and planning for future change. MIG has designed over \$900 million worth of public facilities that are in the ground.

At MIG, the diversity of its staff of 230 provides a base of knowledge that bridges technical expertise and values, and facilitates the exchange of information among all parties engaged in the planning process. Staff backgrounds encompass urban and regional planning, urban design, strategic planning, public participation, higher education planning, environmental design and research, landscape architecture, communications, graphic design, and public policy.

Areas of Expertise

- Ecological Design and Landscape Architecture
- Parks and Recreation Design
- Streetscapes and Corridors
- Visualization Simulations
- Community Planning and Urban Design
- Strategic Communications and Graphic Design
- Facilitation and Consensus Building



Geotechnical & Environmental Sciences Consultants

Role: Geotechnical / Hazmat

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 1986 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 16 offices in California, Arizona, Colorado, Nevada, Texas, and Utah.

The quality of Ninyo & Moore's personnel base of over 490 employees is widely recognized. Our staff of professionals includes experienced and registered geotechnical engineers, civil engineers, environmental



engineers, engineering geologists, hydrogeologists, environmental scientists, certified technicians and field inspectors, and hazardous waste and regulatory compliance specialists. The experience of Ninyo & Moore's geotechnical staff encompasses projects throughout the southwestern United States, including roads, highways, bridges, tunnels, railroads, commercial and municipal structures, educational, medical and recreational facilities, treatment plants, power plants, dams, waste-to-energy facilities, tanks, reservoirs, pipelines, pump stations, sewers, transmission towers, harbors and offshore structures, airports, low- and high-rise structures, landfills, and other public and private works. Our environmental staff has diverse experience in environmental assessment and audits, hazardous material assessment, surface and subsurface sampling, asbestos, and lead-based paint sampling and analysis, cost estimates, contamination studies, soil and groundwater contamination studies, site remediation, emergency response to hazardous spills, abatement, and redevelopment activities and projects.

Ninyo & Moore offers fully equipped, well-staffed, state-of-the-art laboratory facilities performing a range of laboratory testing services under the supervision of a registered civil engineer. Ninyo & Moore's laboratories are capable of performing a wide variety of soil, concrete, asphalt, and steel testing. Laboratory testing equipment is calibrated annually by representatives utilizing equipment traceable to the National Institute of Standards and Technology, and is regularly inspected by the Cement and Concrete Reference Laboratory (CCRL). Field and laboratory technicians are ACI, ICC, NICET, OSHA, and Caltrans-certified. Ninyo & Moore's testing laboratories have been inspected and/or accredited by AASHTO, AMRL, ASTM, Caltrans, California Division of the State Architect, City of Los Angeles, and the City of San Diego.



Role: Real Estate

Overland, Pacific & Cutler (OPC) was established in 1980 to provide professional services for clients with projects involving right of way program management, land and right of way acquisition, feasibility analysis, real estate appraisal, appraisal review, relocation planning and implementation, property management,

and utility coordination. OPC currently has approximately 120 employees in 7 offices within California (Long Beach, Irvine, Riverside, Bakersfield, San Diego, Sacramento, and Oakland), 1 office in Dallas, Texas and 1 office in Las Vegas, Nevada. As complexities arise during the course of a project, OPC has immediate access to a diversified staff of experts in nearly all areas of right of way. This results in a 'synergy' unique to the firm that allows OPC to provide exceptional right of way services to its clients.

OPC is an industry leader in evaluating property mitigation approaches to complex acquisition problems and significant business relocations. Whereas typical cost studies may simply address land and improvement values, OPC's cost estimate team works closely with the design team to integrate project design and complex real estate mitigation approaches to reduce property owner impact and agency exposure. In some examples these efforts have resulted in a project cost savings of several hundred thousand dollars. Consequently, this approach in dense urbanized settings has been widely received by leading engineering firms and major transportation agencies in some of the largest projects in southern California.



On Call Professional Engineering Services Experience

JMD and its staff have unique qualifications and an extensive history providing on-site and off-site engineering services and training to many Southern California agencies.



Through its comprehensive qualifications covering traffic analysis, traffic (signing, striping, traffic signals and traffic control) design, state of the art ITS solutions and lighting expertise for multimodal facilities, JMD has been providing timely assistance and expertise to regional and local agencies with truckway facilities and needing the following services:

- **Site Development**
 - Precise Grading & Drainage
 - Parking Lots/Facilities
 - Entitlement Packages/Reviews
 - Studies, EIRs & Plan Review
 - Plan Check/PEER Review Services
- **Highway Engineering**
 - PSR, PR, PSR-PDS
 - Freeway Mainlines, Interchanges & Ramps
 - Exclusive Truck Lanes & Truckway Corridors
- **Roadway**
 - Conventional, Complete, Green Streets
 - SMART Streets
 - Roadway/Streetscape/Intersection Design
 - Pavement Management Software
 - Pavement Resurfacing Programs
 - Pavement Design
- **Railroad Engineering**
 - At-Grade Rail Crossings and Quiet Zones
 - Railroad Preemption Analysis



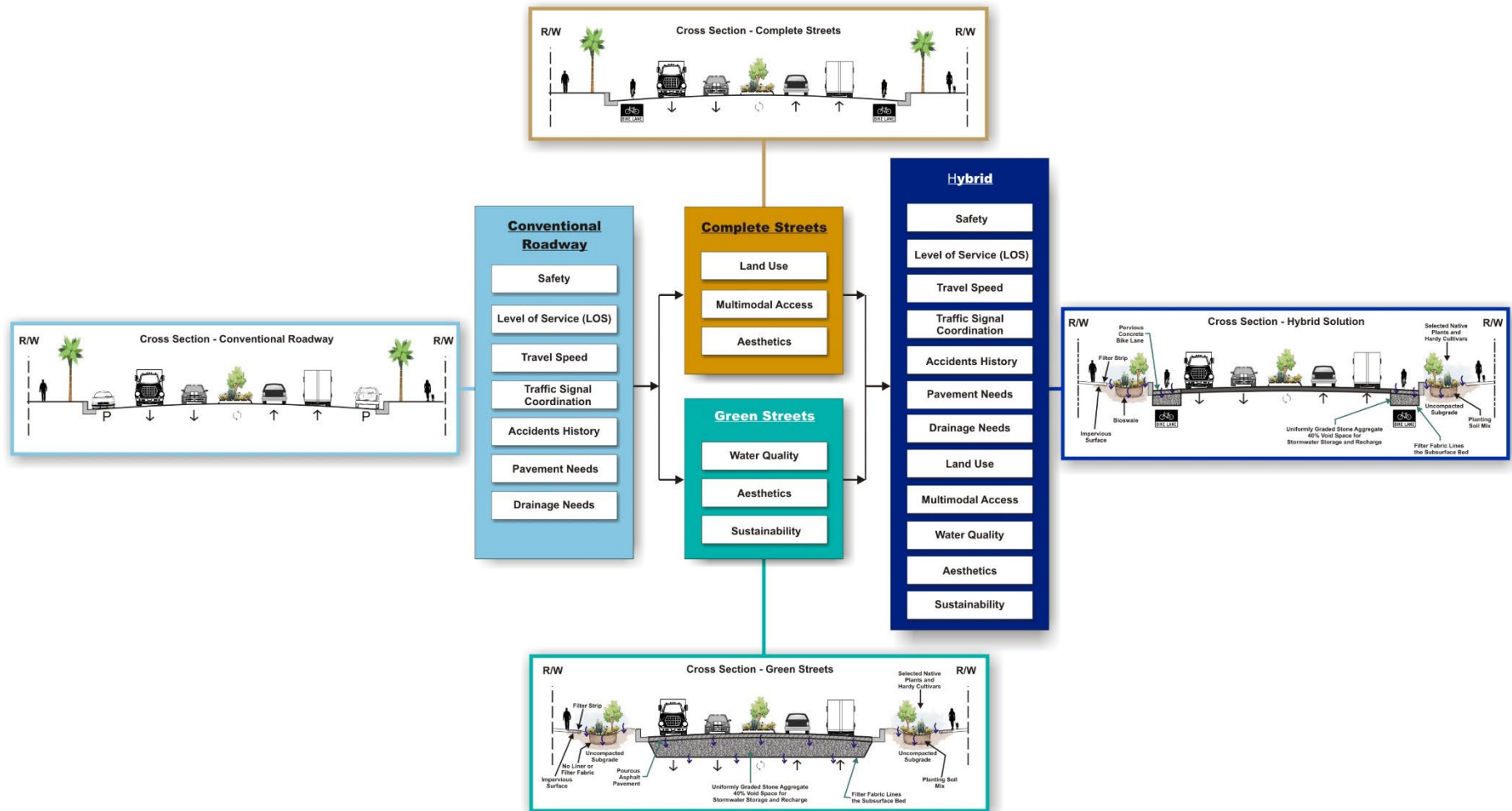
- Station Analysis and Design
- Rail/Highway Grade Separations
- **Structural Engineering**
 - Rail/Highway Grade Separation Studies
- **Transportation Analysis/Active Transportation**
 - Parking Analysis and Studies
 - ITS Planning
 - Master/Bicycle Planning
- **Traffic Engineering**
 - Stop Sign & Signal Warrants
 - Traffic Impact Studies
 - Traffic Calming Studies
 - Illumination Analysis
 - Signal Coordination/Synchronization & Timing
 - Signal Timing and Synchronization
- Traffic Signals and Interconnect
- ITS Systems
- Signing and Striping
- Traffic Control
- Street Lighting
- Bicycle and Pedestrian Trails
- Safe Routes to School
- **Transit Engineering**
 - Bus Rapid Transit
 - Light Rail & Commuter Rail Systems
 - Transit Planning and Design
 - High Speed Rail
- **Funding**
 - Funding Applications
- **Outreach**
 - Public Involvement
 - Community Outreach Support

PROJECT	Warrant Analysis	Traffic Studies	Signal Timing	Traffic Signals	Interconnect	Signing & Striping	Street Lighting	Traffic Control	Parking Facilities	Streets/Bikeways	Review	Review Plans	Grade Crossings
Staff Augmentation – City Engineering, City of Industry	●	●	●	●	●	●	●	●	●	●	●	●	●
Staff Augmentation – City Traffic Engineering, City of South Gate	●	●	●	●	●	●	●	●	●	●	●	●	●
On Call Traffic Engineering Services, City of Industry	●	●	●	●	●	●	●	●	●	●	●	●	●
City Engineering Services, City of Covina	●	●	●	●	●	●	●	●	●	●	●	●	●
On Call Traffic Engineering Services, City of San Gabriel	●	●	●	●	●	●	●	●	●	●	●	●	●
On Call Traffic Engineering Services, City of Pico Rivera	●	●	●	●	●	●	●	●	●	●	●	●	●
On Call Traffic Engineering Services, City of El Monte	●	●	●	●	●	●	●	●	●	●	●	●	●
On Call Street Lighting Design Services, City of Newport Beach	●	●	●	●	●	●	●	●	●	●	●	●	●
On Call Traffic Engineering Services, City of Desert Hot Springs	●	●	●	●	●	●	●	●	●	●	●	●	●
On Call Civil Engineering Services, City of Chino	●	●	●	●	●	●	●	●	●	●	●	●	●
On-Call Transportation & Engineering, City of San Buenaventura	●	●	●	●	●	●	●	●	●	●	●	●	●
On Call Expert Engineering, Union Pacific Railroad Company	●	●	●	●	●	●	●	●	●	●	●	●	●

Project Expertise

With the advent of developing sustainable solutions, JMD has acquired unique expertise and significant experience in the design of conventional, complete and green street projects. This has resulted in the Roadway Design Concept methodology chart, illustrated on the following page, which analyzes each design factor associated with each type of roadway facility desired. Agencies seeking the development of a roadway facility that meets conventional, complete and green street elements can do so by analyzing all factors applicable to each resulting a hybrid facility to address the desired needs and goals for a particular project.

Roadway Concept Methodology





Experience Matrix

The table below outlines JMD's expertise and project experience

Project Type	JMD Project Experience	
Roadway	<ul style="list-style-type: none"> Azusa Avenue Street Improvements Central Avenue Street Rehabilitation, City of Compton Del Mar Avenue Roadway Rehabilitation, City of San Gabriel Rancho California Road, City of Temecula Telegraph Road Rehabilitation, City of Commerce Santa Ana Street Streetscape Project, City of Anaheim 	
Exclusive Truckways	<ul style="list-style-type: none"> 710 Corridor EIR/EIS - (1 mile) Elevated Truckway, LA Metro SR-91 PSR-PDS - (3 mile) Elevated Truckway, LA Metro SR-91/Alameda Street Ramp and Truckway (1 mile), LA Metro Hobart Yards - Elevated Truckway, Commerce Soto St. and 26th St. Corridor Project Study Reports, City of Vernon 	
Grade Separations	<ul style="list-style-type: none"> Fullerton Road Grade Separation, City of Industry Fairway Drive/UPRR Grade Separation, City of Industry Nogales Street Grade Separation, City of Industry San Gabriel Trench Grade Separation Project, City of San Gabriel Vineyard Grade Separation Project, City of Ontario 	
Bikeways	<ul style="list-style-type: none"> Central Avenue PSRE, City of Compton Commuter Bikeway Project, City of El Segundo La Habra/Union Pacific Railroad Bikeway Project, City of La Habra Stoner Creek Trail, LA County/City of Industry Oxnard Boulevard Bike and Pedestrian Facility, City of Oxnard 	
Signal Timing	<ul style="list-style-type: none"> S. Bernardino Valley Tier 3 & 4 Traffic Signal Synchronization, SANBAG Firestone Avenue and Santa Fe Avenue, City of South Gate Firestone Avenue and Long Beach Avenue, City of South Gate Firestone Avenue and California Avenue, City of South Gate 	
Warrant Investigations for Signal and Turn Lanes	<ul style="list-style-type: none"> Las Tunas Dr./Mission Dr. Traffic Signal Modification, City of San Gabriel Tweedy Blvd and San Vicente Ave. Traffic Signal Warrant Firestone Blvd Capacity Enhancement - Alameda St. to Hunt Ave. Imperial Hwy Medians – Garfield Ave to Old River School Road 	
Safety Studies	<ul style="list-style-type: none"> Traffic Safety Crosswalk Improvements at Cienega Ave, City of Covina Traffic Signal Safety Improvements Citywide, City of Pico Rivera Mixed-Use Development Railroad Safety Study, United Shah Corp. Central Town Homes RR Safety Study, Cabrillo Economic Dev. Corp. 	
Traffic Data Collection	<ul style="list-style-type: none"> ITS Countywide Data Collection, LA Metro S. Bernardino Valley Tier 3&4 Traffic Signal Synchronization, SANBAG SMART Corridor (ATSAC System) Inventory, LADOT <ul style="list-style-type: none"> Pico Boulevard/Venice Boulevard (12 miles) Olympic Boulevard/Washington Boulevard (12 miles) 	
Traffic Studies	<ul style="list-style-type: none"> Sepulveda Boulevard Traffic Impact Study, City of Manhattan Beach PEIR – District 29 Water System Master Plan, LACDPW Fullerton Road Grade Separation Traffic Management Plan, ACE San Gabriel Trench Traffic Management Plan, ACE St. College Blvd Grade Separation Traffic Impact Study, City of Anaheim 	



Project Type	JMD Project Experience	
Traffic Signal Improvements	<ul style="list-style-type: none"> • Traffic Signal Modifications at Two Intersections, City of Santa Clarita • Gene Autry Trail Traffic Signal, Palm Springs USD Operations Center • Imperial Hwy - Telegraph Road Traffic Signals, City of La Mirada • Baldwin Park Two Traffic Signals, City of Baldwin Park • Kimball Ave Traffic Signal & Intersection Improvements, City of Chino 	
Signing and Striping	<ul style="list-style-type: none"> • ERUSD Closed Schools S&S Modifications, City of Pico Rivera • Patricia Birdsall Sports Park S&S Improvements, City of Temecula • Main St Signing & Striping for San Gabriel Trench, City of San Gabriel • Crossroads Pkwy S. Signing & Striping Improvements, City of Industry 	
Street Lighting	<ul style="list-style-type: none"> • 14-15 Street Light Improvements, City of Newport Beach • Westcliff Street Light Improvement Project, City of Newport Beach • Cypress Street Lighting, City of Irwindale • Newport Heights Street Lighting Modification, City of Newport Beach • Balboa Peninsula Street Lighting Modification, City of Newport Beach 	
Safe Routes to School	<ul style="list-style-type: none"> • Citywide SRTS Traffic Signal Safety Improvements, City of Pico Rivera • El Monte Cycle 2 Safe Route to Schools, City of El Monte • El Monte Cycle 8 Safe Route to Schools, City of El Monte • El Rancho USD, Safe Route to Schools, City of Pico Rivera 	
ITS	<ul style="list-style-type: none"> • LA County ITS Inventory Data Collection, LACMTA • S. Bernardino Valley Tier 3&4 Traffic Signal Synchronization, SANBAG • SMART Corridor (ATSAC System) Inventory, LADOT <ul style="list-style-type: none"> - Pico Boulevard (6 miles) - Venice Boulevard (6 miles) - Washington Boulevard (6 miles) - Olympic Boulevard (6 miles) 	



Relevant Project Experience

The JMD Team has extensive multidiscipline experience ideal for on-site and off-site on call engineering services. Our related project experience is briefly described below.

Figure 1 – On Call Experience



On-Call Engineering, City of La Habra Community Center Parking Lot Expansion

JMD designed parking lot expansion improvements at the La Habra Community Center. The project consisted of redeveloping the adjacent site to accommodate 26 new parking spaces including paving, lighting, CCTV cameras, and drought resistant landscaping features.



Reference: City of La Habra
Mr. Michael Plotnik, TE, Traffic Manager
201 East La Habra Boulevard
La Habra, CA 90631
(562) 383-4162 Tel.
mplotnik@lahabraca.gov
Duration: 2019-2020
Personnel: J. Diaz, I. Salvatierra, A. Marciuska, S. Itagaki, G. Andrade, D. Dardoon

La Habra/UPRR Class I Bikeway City of La Habra

JMD provided professional engineering services for the design of the La Habra Union Pacific Rail Line Bikeway Project from the west City limit to the east City limit. The La Habra bikeway will eventually connect to future bikeways to the west in the City of Whittier (Greenway Trail) and to the east to the City of Brea's bikeway as part of OCTA's Regional Commuter Bikeway Priorities and Orange County Loop Project. Project tasks include preliminary and final engineering phases including conceptual design, preparation of environmental documents, schematic design, right-of-way engineering maps, real estate offer, necessary legal descriptions as well as preparation of final construction plans, specifications and cost estimates. The project includes bikeway alignment, drainage, grade crossing equipment upgrades, traffic signal and structural plans for the project. The nearly 3-mile-long bikeway, which is part of the 66-mile-long OC Loop, required close coordination with CPUC, UPRR and OCTA.



Reference: City of La Habra
Mr. Michael Plotnik, TE, Traffic Manager
201 East La Habra Boulevard
La Habra, CA 90631
(562) 383-4162 Tel.
mplotnik@lahabraca.gov
Duration: 2014-2018
Personnel: J. Diaz, S. Itagaki, I. Salvatierra, A. Abad, G. Andrade, R. Dema-ala, M. Chavez



On Call Engineering - Guadalupe Park Trail and Rehabilitation, City of La Habra

JMD conducted 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.



Client: City of La Habra
Contact: Mr. Michael Plotnik, TE, Traffic Manager
110 East La Habra Boulevard
(562) 383-4162 Tel.
mplotnik@lahabraca.org
Duration: 2019-Present

On Call Engineering – La Bonita Park City of La Habra

JMD provided design engineering for the La Bonita Skatepark Security Cameras and Lighting Improvements Project in the City of La Habra. Security improvements included installation of new High Definition CCTV cameras and lighting fixtures around the skatepark and basketball facilities. Camera design included communication routing, network server upgrades, new switches along with troubleshooting of existing cameras and network. Lighting design included illumination calculations, conductor and conduit routing, electrical panel upgrade, new flood lights as well as new luminaires and poles.



Client: City of La Habra
Contact: Mr. James Valdez, Assistant Civil Engineer
110 East La Habra Boulevard
(562) 383-4161 Tel.
jvaldez@lahabraca.org
Duration: 10/2021 - 8/2022

On Call Engineering – Montwood Park Lighting, City of La Habra

JMD is currently designing lighting improvements for Montwood Park in La Habra. The lighting project, consisting of analysis and design, is meant to enhance current lighting by adding new lighting fixtures.



Client: City of La Habra
Contact: Mr. Michael Plotnik, TE, Traffic Manager
110 East La Habra Boulevard
(562) 383-4162 Tel.
mplotnik@lahabraca.org
Duration: 2021-Present



On Call Engineering – Whittier Pre-School Playground Improvements, City of La Habra

JMD and **MIG** are currently developing a master plan for playground improvements at Whittier Pre-School. The master plan will layout immediate and future improvements for the playground area. Immediate improvements will be designed through final design. Future improvements will be scoped out to allow the City to seek additional funding.



Client: City of La Habra
Contact: Mr. Michael Plotnik, TE, Traffic Manager
110 East La Habra Boulevard
(562) 383-4162 Tel.
mplotnik@lahabracca.org
Duration: 2021-Present

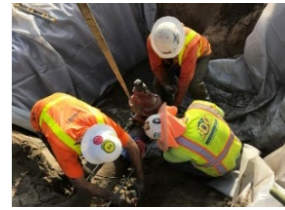
On Call Engineering, City of Brea

JMD is providing on-call engineering services to the City of Brea, involving on-site plan checking, coordination, project management and construction services, as well as offsite engineering analysis and design services. Services included transportation, land development improvements and entitlement packages. These projects/tasks included the following:

- **Valencia Avenue Reservoir Rehabilitation** - Plan review. Coordination with design engineer and City Water division.
- **Hines Brea Landscape / Irrigation /Planting in Tracks of Brea** - Plan review and field inspection during construction.
- **Brea Place Hotel by Marriott** - Review design plans and inspection of Fireline and City owned water main during construction.
- **Eagle Tract Water Line Replacement Project** - Review design plans for approximately 450 homes. Resolved issues during construction and conducted periodic field inspection.
- **Brea Water Main Replacement for North Hills East and West Tract** - Review design plans for

approximately 354 homes. Conducted coordination with Contractor and provided construction inspection.

- **Crimson Pipeline LP** - Surveyed existing underground pipelines at Lambert Rd/Pointe / Tamarack St/Central Av. Reviewed cross connection detail to the new pipelines and provided field inspection.
- **Breitburn Operating LP** - Reviewed sewer connection to City sewer main from Oil Field waste water. Provided field Inspection during construction.
- **Brea Water Main Replacement for Steele Drive Tract and Pleasant Hills Tract** - Reviewed design plans and inspection during construction and resolved conflicts with other utilities during construction.
- **Carbon Canyon Booster Pump Station No. 2 Rehabilitation** - Review plans, specifications and estimate. Coordinated with Caltrans, SCE and Regulatory agencies. Anticipated construction (and construction inspection) by December 2021.
- **Carbon Canyon Booster Pump Station No. 3 Rehabilitation** - Reviewed plans, specifications and estimate. Anticipated construction (and construction inspection) by October 2021.
- **Country Hills Subdivision – Replaced new water service lateral connections** to 112 residential homes. Provided plan review and construction inspection.
- **201 N Berry Street (Development Project)** – Includes **review and inspection during construction of new water main**, irrigation and fire line system.
- **Moorpark Drive Waterline Improvements** – Reviewed design plans and construction inspection.





Client: City of Brea
Contact: Michael Ho, PE
Deputy Dir of Public Works/City Engineer
1 Civic & Cultural Center
Brea, CA 92821
michaelh@cityofbrea.net
Duration: 2018 – Ongoing
Personnel: J. Diaz, D. Solanki

Client: City of Glendora
Contact: Alison Sweet, PWD/City Engineer
116 East Foothill Boulevard
Glendora, CA 91741
(626) 914-8248 Tel
ASweet@ciglendora.ca.us
Duration: 2019 – Ongoing
Personnel: J. Diaz, D. Solanki, S. Itagaki, I Salvatierra, A. Marciuska

On Call Engineering, City of Glendora

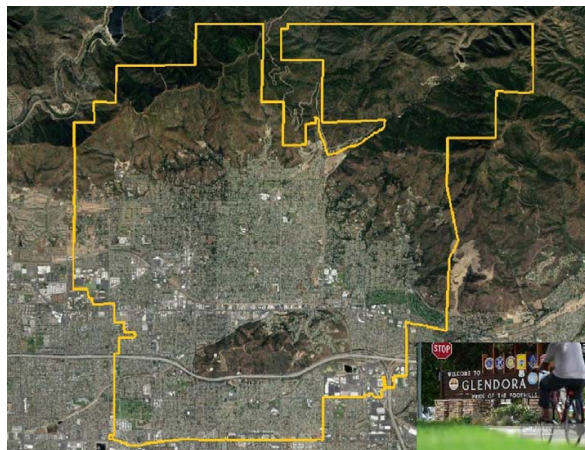
JMD is currently providing municipal staff augmentation services including analysis, design, construction management and inspection services for capital improvement (CIP) projects throughout the City including pavement rehabilitation, intersection widening, parks, water lines and reservoirs. These include:

- City Yard Entrance Improvements
- Library Structural Assessment Project
- Bidwell Plaza Assessment
- Le Fetra Stairway Rehabilitation Improvements
- Antique Street Lighting Improvements
- Lorraine Ave Water Line and Street Improvement Inspection
- Ada Ave Water Line and Street Improvement Inspection
- St. Vladimir St Water Line and Street Improvements
- Downtown Village Parking Lot Rehabilitation Project
- HSIP Cycle 9 Safety Improvements
- Lorraine Avenue Class II Bike Lane
- Gladstone Reservoir Rehabilitation and Expansion
- Lone Hill/San Dimas Wash Bridge Widening

On Call Engineering, City of Santa Fe Springs

JMD is currently providing On-Call Professional Engineering Services for various disciplines including civil engineering, structural engineering, mechanical engineering, water engineering, (hydraulic and water process engineering), electrical and controls engineering, architectural design, landscape design, traffic engineering, surveying and mapping services. Current projects include:

- Santa Fe Springs Parking Lot Expansion
- Los Nietos Park Parking Lot Expansion



Client: City of Santa Fe Springs
Contact: Robert Garcia, CIP Manager
11710 Telegraph Road
Santa Fe Springs, CA 90670
(562) 868-0511 ext. 7545
robertgarcia@santafesprings.org
Duration: 2021 – Ongoing
Personnel: J. Diaz, S. Itagaki, I Salvatierra

Local Streets Rehabilitation Program – Phase I, Zone 24, Project No. 7924, City of Norwalk

JMD provided construction management and inspection 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 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.



Client: City of Norwalk
Contact: Raymond Velasco, Principal Engineer
12700 Norwalk Blvd, Room 12
Norwalk, CA 90650
(562) 929-5723
rvelasco@norwalkca.gov
Duration: 2020-2021
Personnel: J. Diaz, I Salvatierra, F. Sanchez

Local Streets Rehabilitation Program –Zone 3 & 8, City of Norwalk

JMD is currently providing design and construction management and inspection services for the rehabilitation of several residential streets in the City’s Zone 3 Local Streets Rehabilitation Program in 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. The project involves utility coordination as well as close coordination with the City, local schools and residents in the area.



Client: City of Norwalk
Contact: Raymond Velasco, Principal Engineer
12700 Norwalk Blvd, Room 12
Norwalk, CA 90650

(562) 929-5723
rvelasco@norwalkca.gov
Duration: 2019-2021
Personnel: J. Diaz, I Salvatierra, F. Sanchez

CHO DESIGN ASSOCIATES, INC.

On-Call Plan Checking, Irvine, CA

Plan checking and peer review services for bridge and storm drain facilities in the City of Irvine. Specific projects include among others: Bryan Avenue Underpass, Trabuco Road RCB, El Modena Channel RCB, Valley Oak Drive Bridge, Oakcreek Pedestrian Bridge, Northpark Pedestrian Bridge, Shady Canyon Storm Drain RCBs, and the Turtle Ridge Reinforced Concrete Box Culvert. On many plan checks the City has authorized CDA act as an extension of the City and deal directly with the design engineers on their projects. CDA has performed this service for the City on a continuing basis for the last 20 years.

Reference: City of Irvine
Mr. Steve Sherwood
1 Civic Center Plaza
Irvine, CA 92623
(949) 724-7327 Tel.



Traffic Signal Safety Improvements Citywide, Safe Route To School Project

As part of the JMD team, FHA Consulting Engineers provided surveying services. Field surveying tasks included obtaining localized survey elevations at locations requiring detailed analysis of slopes for curb and gutter, sidewalks, curb ramps, and driveways; obtaining topographic feature locations for a complete and accurate representation of the existing conditions within the public right-of-way; and setting target survey control points and establishing horizontal and vertical coordinates on all control points.

Reference: City of Pico Rivera
Mr. Al R. Cablay, MS (Currently with City of Bell), Project Manager
(323) 588-6211 ext. 206 Tel.
acablay@cityofbell.org
Duration: 1/2014 – 6/2015
Personnel: A. Khezri



Beverly Boulevard Streetscape

In conjunction with the renovation design of Pico Park, MIG was commissioned to add the enhancement of Beverly Boulevard, which fronts the community park and provides the main entrance to the facility.

Proposed street improvements include additional raised landscape medians, enhanced landscaped parkways and frontage road medians. Plant materials are all California friendly drought tolerant with subsurface irrigation and sweeps of rock cobble groundcover and decomposed granite. In addition, lighted City gateway monument signs celebrating the entry into the City and the improved Pico Park are at either end of the one-mile reach of Beverly Boulevard, which is a main arterial through the City.



Client: City of Pico Rivera
Reference: Mr. Art Cervantes, former PW Director (currently with City of South Gate)
6615 Passons Blvd.
Pico Rivera, CA 90660
(323) 563-9512 Tel.
Duration: Completed 2014

Firestone Boulevard Streetscape Plan

The City of Downey initiated a project to revitalize approximately 1.25 miles of Firestone Boulevard from Old River School Road to Brookshire Avenue. MIG was hired to prepare design development plans and construction documents for the landscape, hardscape and irrigation in October of 2013.

The landscape design consisted of water wise median planting and pockets of parkway planting and tree wells. The hardscape design consisted of interlocking pavers, colored concrete and new concrete walkways as well as ADA ramps at intersections. MIG also

coordinated with the City's electrical engineer for vehicular and pedestrian lighting.

The design took business storefront access and pedestrian flow into account. Custom concrete walls with hardwood seating with pockets of planting were incorporated to provide gathering and resting spots along the downtown sidewalk while providing a buffering affect from the vehicular traffic. Various fields of interlocking pavers were used to define the seating areas and main pedestrian walkway. Planted pots and street furniture were also included in the design blending the design elements from the hardscape.

Inspirational quotes were used in the custom walls with seating as well as the City's new logo. Custom bike racks also incorporated the City's logo.

The project is currently under construction and is scheduled to be completed in Fall, 2014. Construction cost for the landscape, hardscape and irrigation were approximately \$1 million.



Client: City of Downey
Reference: Mr. John Oskoui, Assistant City Manager
11111 Brookshire Avenue
Downey, CA 90241
(562) 904-7246 Tel.
joskoui@downeyca.org

El Monte Santa Anita Avenue and Valley Boulevard Gateway Park

MIG prepared the concept design, construction documents and bid documents for a 0.5-acre gateway and memorial park in El Monte, California. Known as the "end of the Santa Fe Trail," El Monte takes great pride in its pioneer heritage. MIG's design for the El Monte Gateway Park at the junction of Valley Boulevard and Santa Anita Avenue celebrates the City's historical connections in many facets.



An Armed Forces Memorial is the centerpiece of the park, honoring war veterans and military personnel with the U.S. flag on a raised pedestal accompanied by Armed Forces flags and plaques. MIG facilitated meetings with City staff and local veterans to determine the appropriate memorial components for the site. A pedestrian plaza will eventually feature a memorial art piece celebrating local civic leaders. The Park recalls El Monte's agricultural and trailblazing past with a dry stream bed, groundcover planting and a large California bear sculpture. The sculpture, donated by the South El Monte Rotary Club, was painted by high school students at El Monte High School and given permanent residence on top of a small knoll. California friendly plantings, rustic stone detailing, and historically reverent lighting enhance the overall look and ambiance of the new park.

Gateway Park serves a double function as a gateway marker for the City and also a link in the Emerald Necklace, a 17-mile loop of parks and greenways connecting 10 cities and nearly 500,000 residents along the Rio Hondo and San Gabriel Rivers.



Client: City of El Monte
Mr. Alexandra Lopez, Director, Parks and Recreation Department
11333 Valley Boulevard
El Monte, CA 91731
(626)580-2200 Tel.
Mr. Dante Hall, Assistant City Manager
(626) 580-2001 Tel.
dhall@ci.el-monte.ca.us
Duration: Sept 2007 – Dec 2008



Whittier at Beach Intersection Improvement Project

OPC assisted the City of La Habra with right of way acquisition for the intersection improvement of Whittier Boulevard and Beach Boulevard. The improvements involved widening and restriping an approximate 1,500-foot portion of Whittier Boulevard from approximately Chantry Drive to the west, and Hacienda Boulevard to the east, and the restriping of the northbound approach of Beach Boulevard. Improvements consisted of the addition of an exclusive eastbound right-turn lane and the addition of a third westbound left-turn lane. The purpose of the proposed project is to improve level of service and increase the vehicular capacity of the intersection. OPC provided partial acquisitions of five parcels including appraisal, appraisal review, and right of way certification.



Client: City of La Habra
Mr. Chris Johansen, City Engineer
(562) 383.4151 Tel.
cjohansen@lahabraca.gov
Status: Completed 2014

Laurel Street Grade Separation, Colton, CA

The project involves the construction of a bridge to separate vehicles and pedestrians on Laurel Street from rail traffic along the Burlington Northern Santa Fe (BNSF) railroad tracks. The grade separation will reduce train noise impacts to adjacent properties by eliminating the need for trains to blow their horns as they pass the crossing. This project is a component of the Railroad Quiet Zone that is being established in the City of Colton.

OPC services included relocation, partial and full acquisition of twenty properties including rights from BNSF, demolition, and Right of Way certification. The



project impacted a well-known business (Miller Honey) that has been a part of Colton history that required special attention. The grade separation project eliminated the shipping dock facing Laurel Street and as a result mitigation plans were developed to reconfigure the processing operations allowing the business to continue in operation. The project also involved complex negotiations acquiring permanent access easements from the adjacent owner to allow the business to remain where access was eliminated by the project. OPC also provided residential relocation services for two parcels including the application of the programmatic waiver for owners whose properties had negative equity. The OPC Utility Team was tasked with the development and execution of Utility Agreements for the project.



Reference: SANBAG
Mr. Paul Melocoton, Project Manager
1170 W. 3rd Street, 2nd Floor
San Bernardino, CA 92410
(909) 884-8276 Tel.
pmelocoton@sanbag.ca.gov



Understanding and Approach

Understanding

The City of La Habra (City) is soliciting submittals of proposals from qualified firms to provide consultants to provide On-Call Professional Engineering, Construction Management, and Inspection Services for the Department of Public Works/Engineering Division on a variety of Public Works projects.

The City has identified potential projects as shown below, but there is no guarantee on type and quantity of work for the firm(s) selected. The work may include but is not limited to:

- Parking Lot Resurfacing
- Residential Street Rehabilitation
- Alley Rehabilitation
- Sidewalk and Access Ramp Program
- Bikeway Improvements
- Storm Drain Improvements
- Water Main Replacement
- Sewer Rehabilitation – Dig-Out & No Dig-Out Point Repair
- Manhole Rehabilitation
- Park Improvements
- Annual Slurry Seal Program
- Annual Arterial Street Reconstruction
- Lighting Upgrades
- Security Camera Installation

Approach

JMD's approach is to be **Service-Oriented** through effective communication (i.e., keeping the City informed throughout the project), flexibility (i.e., adjusting to the changing needs of the City) and responsiveness (i.e., addressing the City's and project's needs even when the City does not make a request). We will meet with City staff early to verify the City's expectations for the project and our proposed scope, schedule and process.

Our approach to a typical City "On-Call" program begins with meeting early with the City staff and other impacted agencies, if applicable, in order to establish scope, schedule and process. JMD is familiar with the on-call process which may consist of contract task orders and process, illustrated in the figure to the right, designed to properly and accurately define projects and/or tasks for effective management and monitoring. Such a process is key to the success of an on-call

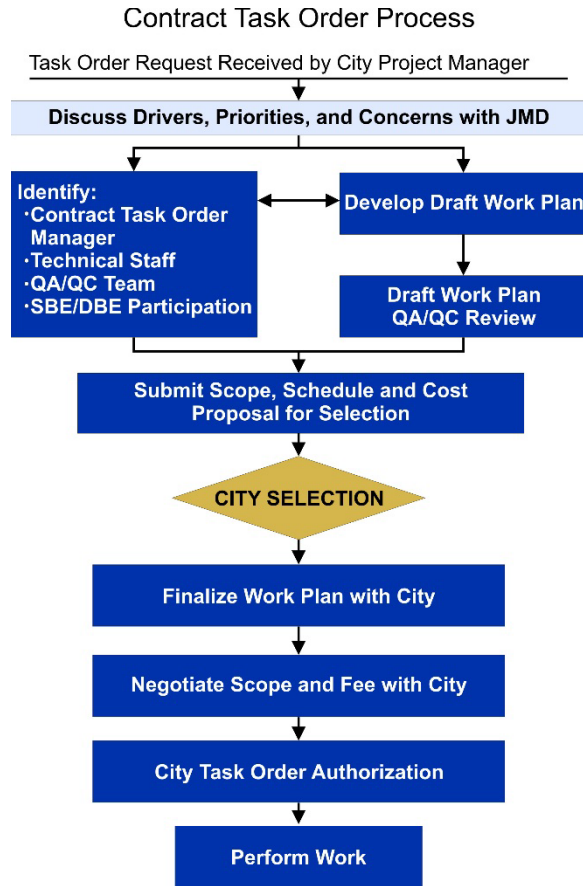
program where multiple tasks and projects are taking place concurrently.

Project Initiation

Once we are issued a Notice to Proceed (NTP), we will begin the preliminary phase of the project, which typically consists of research and data collection, utility identification, coordination, investigation; field surveying and topographic mapping; identification of facilities to be modified or replaced; and preparation of 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 the NTP:

- 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
- Meet funding source deadlines.



JMD will meet with the City's 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 the actual submittal is made.

Design of transportation improvements on existing facilities in typically urban settings presents some 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
- Construction staging
- Construction traffic control

- Permits and approvals
- Compliance with current standards (knowing when to upgrade existing facilities to current design standards that impact project schedule and cost)

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 approvals through agencies.

We believe that the success of any project will depend upon adequately addressing typical key issues, listed below, during the project development process and preparation of the preliminary and final plans, specifications and estimates (PS&E) package.

- ADA Compliance
- Access
- Circulation
- Utility Relocation
- Permitting
- Traffic Control During Construction

Once the preliminary phase work tasks have been completed, reviewed and approved by the City, City, County, Caltrans and any impacted agencies, JMD will incorporate comments and begin work on the final phase, which includes the final PS&E. In addition to providing Geometric Approval Drawings (30%), we anticipate making two review submittals (60% and 90% PS&E) and the Final (100%) PS&E package will be submitted after all reviews and approvals have been completed.

JMD offers an innovative and cost-effective approach as well as a reputation for responsiveness and quality

Scope of Services

Scope of Work statements containing detailed tasks and deliverables for three sample projects are located in Section 4. Scope of Work. Below is a preview of one sample scope of work statement for a Roadway Project involving planning and design.



General Civil Roadway Project

TASK I – PRELIMINARY ENGINEERING

TASK I-1: Administration/Coordination/Meetings

- Progress Meetings
- Special Meetings (PDT)
- Public Meetings/Workshops
- Team Meetings

TASK I-2: Design Surveys/Base Mapping/Job Walk

- Mapping
- Design Survey
- Bridge Site Surveys
- Base Sheets
- Job Walk

TASK I-3: Research and Data Collection

- As-Builts
- Utilities
- ROW
- Traffic Counts

TASK I-4: Draft and Final Project Report (If Required)

- Refine Alternatives and Develop Geometric Approval Design (GAD) 30% Plans
- Traffic Analysis
- Bridge Type Selection
- Cost Estimates
- ROW Data Sheets
- Fact Sheets (Deviation from Standards)
- Hazardous Waste
- Traffic Management Plan
- Environmental Documentation
- Funding
- Cooperative Agreement (If Required)

TASK I-5: Draft and Final Environmental Document (If Required)

- Preliminary Environmental Study (PES)
- CEQA and NEPA
- Technical Studies
- Screencheck Draft IS/EA
- Public Hearing
- Final IS/EA and MND/FONSI
- Notice of Determination (NOD)

TASK I-6: Utility Identification / Coordination / Potholing

- Research
- Notices/Coordination

- Potholing

TASK I-7: Hydrology/Hydraulic Analysis and Drainage Report

- Hydrology Map
- Hydrology/Hydraulic Analysis
- Drainage Report

TASK I-8: Geotechnical Investigations, Airborne Lead Study, Materials Report and Foundation Report (Not Anticipated For This Procurement)

- Review Initial Site Assessment (ISA) and determine need for Phase I Site Investigation
- Field Investigations
- Airborne Lead Study
- Laboratory Testing
- Materials Report
- Foundation Report

TASK I-9: Preliminary and Final ROW

- Identification of Existing and Required ROW
- Temporary Construction Easements
- Legal Descriptions and Exhibits
- ROW Maps

TASK I-10: Conceptual Landscape/Irrigation Plans

- Project Aesthetics

TASK II – FINAL DESIGN AND PS&E

TASK II-1 AND TASK II-2: Preliminary PS&E (70%)

- Roadway Improvement Plans, Profiles and Details
- Contour Grading Plans
- Storm Drain Plans, Profiles and Details
- Bridge Plans and Details
- Structure General Plan
- Initial Bridge PS&E (Checked Details Stage)
- Final Approved Bridge PS&E
- Retaining Wall/Soundwall Plans, Profiles & Details
- Traffic Signal Plans and Details
- Street Lighting Plans
- TOS Plans and Details (If Required)
- Signing and Striping Plans and Details
- Traffic Signal Interconnect Plans
- Construction Staging Plans
- Traffic Handling Plans
- Worksite Traffic Control Plans
- Landscape/Irrigation Plans and Details
- Quantities/Cost Estimates
- Specifications/Special Provisions
- Permit Applications



TASK II-3: Incorporate Comments/Submit Final PS&E (100%) Package

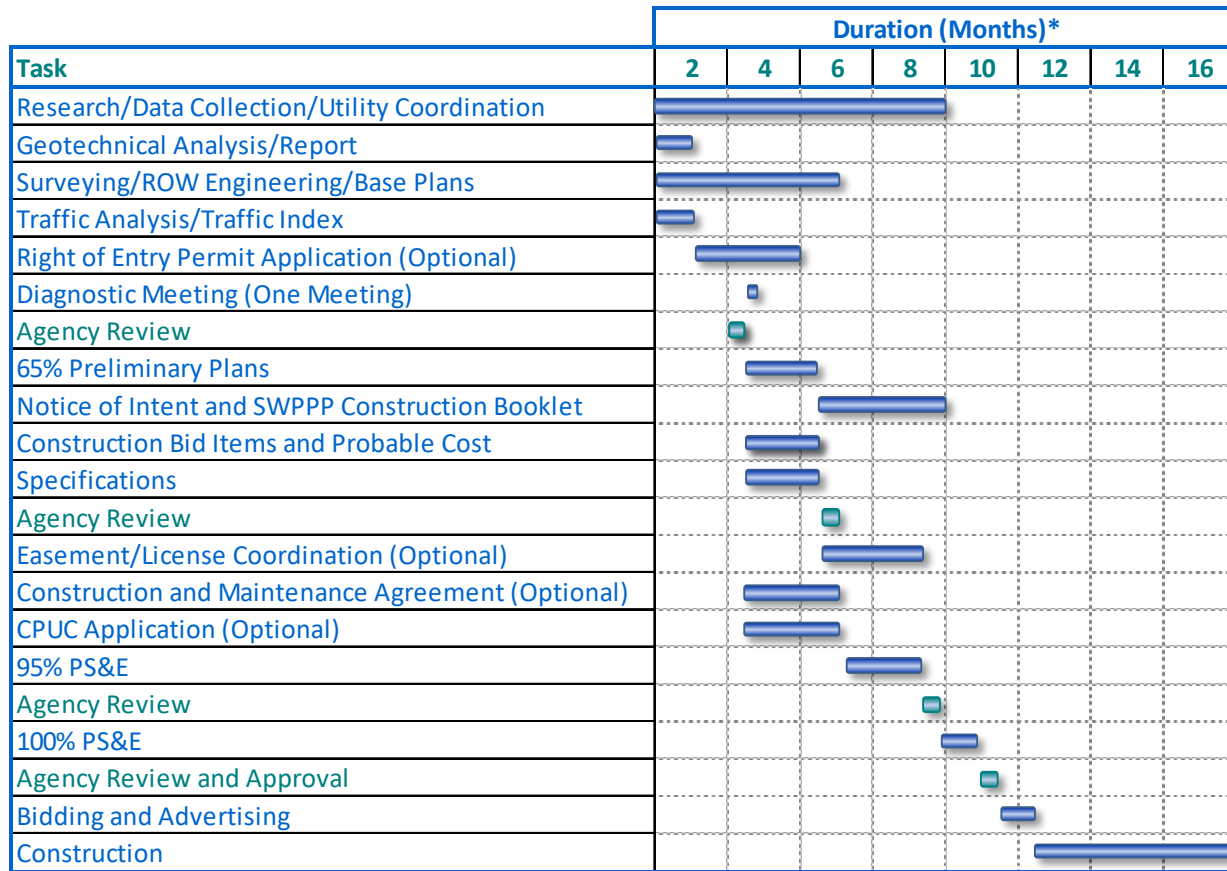
- QA/QC
- Deliverables
- Permit Approval
- Final Right of Way

TASK III – ADVERTISING THROUGH CONSTRUCTION

TASK III-1: Services During Bidding/Advertising/Construction

- Clarification During Bid, Advertise & Construction
- Shop Drawing Review
- Record Drawings (As-Built) Plans
- Project Close Out

Schedule: General Civil Roadway Project

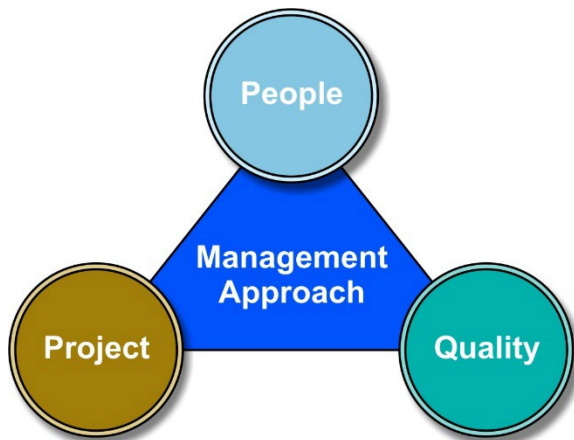


* Duration varies by project.



Management Plan

JMD's Management Plan, applicable to on-site and off-site tasks, consists of three primary components, namely, People Management, Project Management, and Quality Management. The first focuses on leading the team to achieve the desired project objectives. The latter two consist of using appropriate project controls to effectively manage the project deliverables, schedule and budget. A typical project would be managed in accordance with each component to meet the City's objectives in a timely manner. Each one of these components is briefly discussed below.



People Management

People management consists of team leadership through effective planning, staffing, and communication as discussed below.

Planning

After our kickoff meeting with the City, we will hold an internal team meeting to discuss the project's objectives, milestones, staffing needs, schedule, and task responsibilities. Our goal will be to establish a realistic plan to meet all project requirements.

Staffing

The JMD Team is committed to delivering quality and timely services within the City's time and budget goals. We have added multiple groups of professionals to work as squads and manage multiple projects conveniently. In addition, we have provided sufficient resource capacity to perform the projects or tasks in a timely manner, and confirm that the key personnel proposed for the project will be available for the duration of the project. Currently, our work level is estimated at approximately 60 percent of capacity and declines to 40 percent over the anticipated life of this project. Mr. Salvatierra, our

proposed Project Manager and task leaders are available over 60 percent of their time during the next 12 months. Our key team members are available as follows:

Key Team Member	Availability*
Ivan Salvatierra, PE, TE	60%
Juan M. Diaz, MBA, PE	60%
Algis Marcuska, MBA, PE	60%
Steven Itagaki, PE, TE, PTOE	60%
Frank Sanchez, MBA, PE	60%
Deepak Solanki	40%
Kurt Yoshii, PE, GE	40%
Chris Cho, PE, SE	40%
Steve Lang, ASLA	40%
Armando Dupont, PLS	40%
Shawn Arianna, PhD, PE, GE	40%
Marc Blodgett	50%
Roy Guinaldo, RWA	40%
Alex Khezri	40%

*Beginning February 2023

During our internal team meeting, we will prepare a team staffing plan to ensure the right people are available at the right time for each project or task. Periodic staffing meetings will take place as needed to adjust staffing levels accordingly to meet staffing needs.

Communication

The Project Manager will work closely with each task leader to develop the proposed submittals in accordance with the project requirements. Through the use of telephone conferencing, faxes, and e-mails, the project team, including our subconsultant(s), will discuss project issues, progress and reviews on a periodic basis to meet each project milestone. The ultimate objective is to lead the team to the desired objectives through effective and timely communication.

Our Project Manager's experience with the City and staff augmentation programs confirms that the best way to minimize delays and address unforeseen problems is to proactively communicate with the City's Project Manager (PM) to alert him or her of potential issues. In addition, often the City PM is so involved on other projects that he or she may not effectively communicate changes in the City's position or direction regarding a project. These situations can be avoided with proper communication and documentation through meetings, email and telephone conversation minutes.



Project Management

For the project development work, we propose to use a Project Management and Control System that we have used successfully on similar multi-disciplined transportation infrastructure design projects. The monitoring and controlling of schedules and budgets will provide a means to ensure that the proposed work plan is implemented effectively in an efficient and timely manner.

The core of JMD's system is a monthly Project Management Report comprised of two sections:

Design Status Report - Arranged by task, this report discusses budget and schedule; design problems which need to be resolved; coordination required between the project team, the client staff and other agencies; and actual versus planned progress.

Project Control Report - This is a computerized report which tracks budget and schedule and is refined and customized to meet the specific project needs. This report is issued monthly, but can easily be produced more often, if required, for more frequent project control.

It is critical that the project management system be flexible and able to accommodate scheduling adjustments that may occur. JMD's system requires the Project Manager to re-plan the project, as necessary, to reflect an accurate and up-to-date schedule. In the event of a schedule shift, a recovery plan will be developed and implemented to either meet the original milestone dates or other dates mutually agreed to by the City and JMD. The schedule will provide a tool with which the Project Manager can closely monitor the scheduled timing of each task and permit overall management control of the project.

Project Scope, Schedule and Cost Control



The monitoring and controlling of project scope, schedule and cost will provide a means to ensure that the proposed work plan is implemented in an efficient and timely manner.

Initially, the scope of work will be carefully negotiated with the City to ensure that we understand your intent and expectations for the project. The negotiated scope will be translated into a written format with identified budgets, milestones and deliverables. Anticipated

exclusions and items to be provided by the City, Caltrans and other public agencies will be defined, reviewed and discussed.

Control of scope, schedule and cost will be achieved using the following Project Management Control System that JMD managers are using successfully on similar projects. The core of this system is a monthly Project Management Information System comprised of the following three elements:

Critical Path Method (CPM) Schedule

JMD has in-house staff with expertise in Microsoft Project Planner. A comprehensive project schedule will be initiated by our Project Manager and will serve as the controlling document for tracking progress of the work. This schedule will form the framework for measuring our actual performance to planned performance and can be used for periodic updating of the City's work plan and financial planning. The project team will meet prior to beginning work on the project to collectively determine the smaller work tasks required to complete the major work activities as established in the scope of work. A sequencing plan of these smaller work tasks, using precedence format, will be developed which, in turn, will determine the overall schedule. The series of work tasks and resulting schedule will be diagrammatically exhibited as a Critical Path Method (CPM) flow chart. This flow chart, which highlights the critical path, will be used to determine the intermediate project milestones.

Project Control Report

Prior to beginning the project, the Project Manager will prepare the Project Control Document which defines major tasks, subtasks, milestone submittals and task budgets. This information is entered into our centralized accounting system that will provide the Project Manager with a weekly report of project budget status based on weekly time cards and direct expense information. The Project Manager will estimate project completion weekly and compare his estimate with the actual project expenditures to date. This comparison gives him a "snapshot" project cost evaluation on a weekly basis. The Project Manager, with assistance from the Project Engineers and subconsultants, will prepare a monthly cost-to-complete estimate that is a valuable tool in keeping the project on budget and validating the Project Manager's estimate of project progress.

Project Status Report

Arranged by task, this bi-weekly internal report discusses budget and schedule; project issues which



need to be resolved; coordination required between the project team, City staff and other agencies; and actual versus planned progress.

Quality Control/Quality Assurance (QA/QC)

Quality Management or Quality Control/Quality Assurance is a process that begins with the preparation of the proposal and signing of the contract. Understanding the City's requirements and expectations is the first step in providing a quality project. JMD will follow the City's QA/QC procedures but, if necessary, may also rely on its own QA/QC procedures to supplement those by the City.

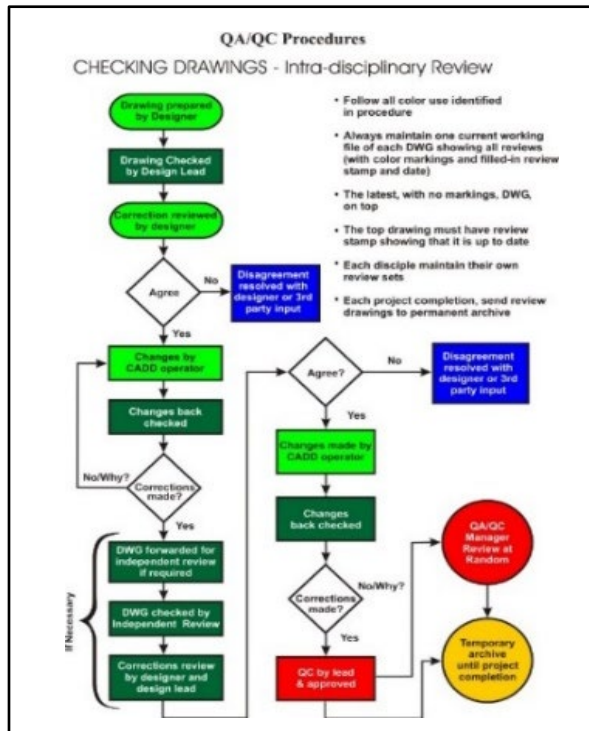
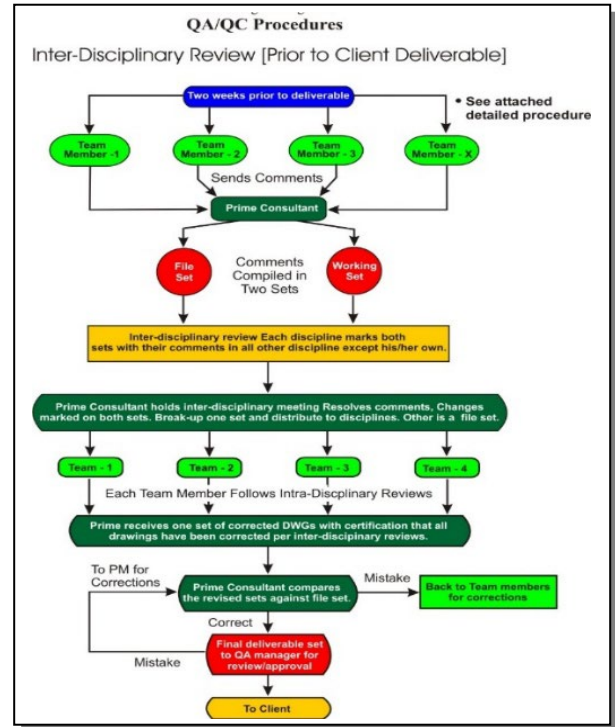
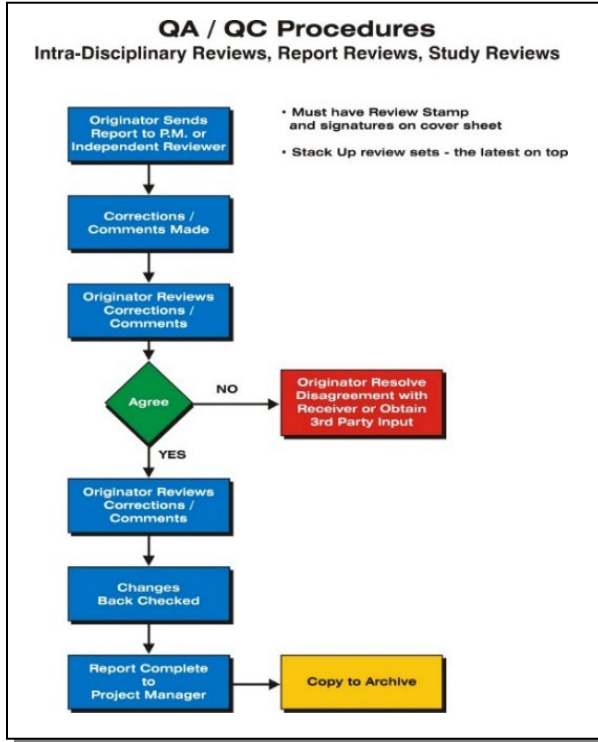
JMD has developed an office environment and philosophy which encourage quality. Our quality assurance program includes preparation of a Quality Control (QC) Plan for each individual project which specifies the responsibilities, requirements and procedures for quality control. The plan is modeled after the ASCE publication, "Quality in the Constructed Product," is flexible, and can be modified to respond to specific client requirements.

The functions of JMD's quality assurance program are to:

- Establish a quality review team for the project. The quality review team is responsible for monitoring adherence to procedures and practices by:
 - conducting surveillance of project activities together with reviews of documentary evidence of their performance,
 - verification of calculations and other analytical work, and
 - providing independent auditing to check that the quality control and technical procedures are being properly implemented and followed.
 - Define the duties and responsibilities of those personnel in the organization having significant quality assurance responsibilities (i.e.,
 - Principals, Project Managers and QA/QC Managers).
 - Provide value engineering on projects of significant value and importance to avoid unnecessary project costs.

Controlling quality is achieved differently for each service category but the end result is the same – producing quality service, deliverables and results.

The QA/QC process flow charts on the following page illustrate our QA/QC processes for studies and design (inter and intra disciplinary reviews) deliverables, respectively.





B. Proposed Staffing and Project Organization



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 program. Our team offers the following technical capabilities for the City of La Habra:

Multidiscipline Design Services		
Civil	<ul style="list-style-type: none"> Roadway Design Utility investigation and design Pavement & Resurfacing Curb Ramp & Sidewalk Improvements 	<ul style="list-style-type: none"> Site Grading Bikeways Drainage Geotechnical
Park Facilities	<ul style="list-style-type: none"> Site Development Bike Facilities ADA improvements Playground Facilities 	<ul style="list-style-type: none"> Security Cameras Fiber Optic Communications Lighting
Railroad	<ul style="list-style-type: none"> Grade Crossing Design CPUC/UPRR coordination & permitting 	<ul style="list-style-type: none"> Signing and Striping Quiet Zones
City Services	<ul style="list-style-type: none"> On-Call Engineering Services Plan Checking/Study Review 	<ul style="list-style-type: none"> Staff Augmentation Permit Approval
Park Facilities	<ul style="list-style-type: none"> Site Development Bike Facilities ADA improvements 	<ul style="list-style-type: none"> Security Cameras Fiber Optic Communications Lighting
Lighting	<ul style="list-style-type: none"> Street Lighting 	<ul style="list-style-type: none"> Parking Lot Lighting
Parking Facilities	<ul style="list-style-type: none"> Site design Analysis and Expansion 	<ul style="list-style-type: none"> Resurfacing Landscape & Irrigation
Traffic	<ul style="list-style-type: none"> Traffic Signal Design Traffic Studies/Traffic Calming Studies Traffic Control Plan Preparation ITS 	<ul style="list-style-type: none"> Geometric Design Arterial Traffic Signal Coordination & Timing Geometric Design Bikeway and Railroad Safety Studies
Construction Support Services		
Construction Management	<ul style="list-style-type: none"> Scheduling and Progress tracking Contractor Budget tracking Payment approval 	<ul style="list-style-type: none"> Value Engineering RFI's & Product Approvals Funding Labor Compliance
Inspection	<ul style="list-style-type: none"> Daily Inspection & Reporting Code Compliance Project Close Out 	<ul style="list-style-type: none"> Quantity verification Meeting Coordination As-Built



Meet our Project Manager



Assigned to this important project is one of our most qualified, experienced and local Project Managers, **Ivan Salvatierra, PE, TE**, who has over 19 years of civil, traffic, rail and transit engineering design and construction experience on municipal projects. His multi-discipline expertise along with his design and construction knowledge are optimal ingredients for successful project delivery. Ivan is currently serving as Project Manager on various City of La Habra On-Call tasks orders including La Bonita Park Skatepark Security Cameras, Community Center Parking Lot Expansion, Montwood Park Lighting Improvements, Whittier Pre-school Improvements, as well as the UPRR Bikeway and Guadalupe Park improvements.

As Project Manager, Ivan will lead the team and be the primary contact to the City and will be responsible for coordinating team activities and meetings, providing project direction and overseeing work from project inception to completion. He can be contacted at (626) 820-1137 ext. 1203 or via email, isalvatierra@jmdiaz.com.

Proposed Organizational Chart

The JMD team, illustrated in the organizational chart in **Figure 1** below, consists of a “**team of local experts**” ready to handle project needs in a strategic manner and within planned budgets. The team is built on the notion of offering our best talent providing the City optimal value and availability throughout the duration of the project.

Figure 1 – Proposed Organizational Chart



* Key Personnel in Bold
 ** Traffic Counts provided by NDS



Staff Availability

JMD Team's key personnel will be available to the extent proposed for the duration of the project acknowledging that no person designated as "key" to the project shall be removed or replaced without the City's prior written concurrence.

Table 1 – Key Personnel Roles/Experience/Registrations

Key Personnel/Role/Education	Highlights/Experience	Registration(s)
Juan M. Diaz, MBA, PE PIC/QA/QC Manager MBA, Business Administration; BS, Civil Engineering AS, Architecture/Building Construction	<ul style="list-style-type: none"> Over 37 years professional engineering experience with expertise in roadway, highway, structures, traffic, rail, and transit engineering. Extensive Roadway Alignment, Widening & Pavement Rehabilitation (incl. Pavement Recycling) & Light Rail Systems. 	PE, CA #C50813
Ivan Salvatierra, PE, TE Project Manager BS, Civil Engineering	<ul style="list-style-type: none"> Over 19 years of Transportation Engineering experience Extensive Civil, Roadway, Traffic, ITS, Rail, City Services and Project Management experience. 	PE, CA #C83901 TE, CA #TR2533
Steven Itagaki, PE, TE, PTOE Traffic and Lighting BS, Civil Engineering	Over 32 years of Traffic Engineering and Lighting experience	PE, CA #C67470 TE, CA #TR2394 PTOE, CA #2156
Frank Sanchez, MBA, PE Construction Management MBA, Construction Management; BS, Civil Engineering	<ul style="list-style-type: none"> Over 23 years of Construction Management Experience 	PE, CA #C61396
Algis J. Marcuska, MBA, PE Staff Augmentation MBA, Business Administration; BS, Civil Engineering AS, Architecture/Building Construction	<ul style="list-style-type: none"> 37 years of Architectural/Engineering education and experience Extensive Municipal experience as acting City Engineer Multidiscipline (Civil, Traffic, Rail and Transit) Expertise 	PE, CA #C44846
Deepak Solanki Drainage/Utilities/Cost Estimates MS; BS Civil Engineering	<ul style="list-style-type: none"> Over 32 years of Water Resources and Plan Checking experience 	
Kurt Yoshii, PE, GE Hazmat BS Civil Engineering	<ul style="list-style-type: none"> Over 28 years of geotechnical evaluations and materials testing and inspection experience 	GE, CA #2509 PE, CA #C54759
Shawn Ariannia, PhD, PE, GE Geotechnical/Hazmat/Materials Testing PhD, MS, BS Civil Engineering	<ul style="list-style-type: none"> Over 37 years of experience in design, supervision, and technical management of projects in structural and geotechnical fields 	GE, CA #2824 PE, CA #C65642
Steve Lang, ASLA Landscape Architecture BA, Landscape Architecture	<ul style="list-style-type: none"> Landscape Architecture Program Instructor at UCLA Over 37 Years Landscape Architecture Experience 	ASLA, CA #1771; NV #461
Marc Blodgett Environmental MS, Urban Planning BS, Geography/Anthropology	<ul style="list-style-type: none"> Completed over 500 environmental studies in the past 31 years and has assisted in, or managed, the preparation of more than 40 general plans 	
Christopher Cho, PE, SE Structures BSCE, Structural	<ul style="list-style-type: none"> Over 16 years of Structure Design and Building Flood Control Experience 	PE, CA #C74020 SE, CA #5852
Alex Khezri Surveying MSc, Highway & Transportation Eng. BS, Civil Engineering	<ul style="list-style-type: none"> Over 22 years of experience in the field of civil engineering and plan preparation as well as numerous land surveying and base plan preparation 	
Armando DuPont, PLS Aerial Survey/ROW AA, Civil Engineering	<ul style="list-style-type: none"> Extensive Surveying and Transportation Engineering Experience 	PLS, CA #PLS7780

Resumes for key personnel are located in the Appendix.



JMD Key Personnel References

Juan M. Diaz, MBA, PE	
<p>Michael Plotnik, TE Traffic Manager City of La Habra Public Works Dept. 110 E. La Habra Blvd La Habra, CA 90631 (562) 383-4162 mplotnik@lahabraca.gov</p>	<p>Glen W. C. Kau, PE Director of Public Services/City Engineer City of Norwalk 12700 Norwalk Blvd., Room 12 Norwalk, CA 90650 (562) 929-5723 gkau@norwalkca.gov</p>
Ivan Salvatierra, PE, TE	
<p>Alison Sweet, RCE (Retired) Former Director of Public Works/City Engineer City of Glendora Public Works Dept. 444 North Amelia Ave., Apt. 1B (626) 629-9597 ASweeteng@yahoo.com</p>	<p>Rick Ramirez Council Member City of Norwalk 12700 Norwalk Blvd. Norwalk, CA 90650 (562) 929-5309 rramirez@norwalkca.gov</p>
Algis Marciuska, MBA, PE	
<p>Alison Sweet, RCE (Retired) Former Director of Public Works/City Engineer City of Glendora Public Works Dept. 444 North Amelia Ave., Apt. 1B (626) 629-9597 ASweeteng@yahoo.com</p>	<p>Szeka "Angela" Cheng, PE Principal City Engineer City of San Gabriel Public Works Dept. 917 East Grand Avenue San Gabriel, CA 91776 (626) 308-2825 scheng@sgch.org</p>
Steven Itagaki, PE, TE, PTOE	
<p>Lifan Xu, PE City Engineer City of El Segundo 350 Main Street El Segundo, CA 90245 (310) 524-2368 lxu@elsegundo.org</p>	<p>Alison Sweet, RCE (Retired) Former Director of Public Works/City Engineer City of Glendora Public Works Dept. 444 North Amelia Ave., Apt. 1B (626) 629-9597 ASweeteng@yahoo.com</p>
Deepak Solanki	
<p>Ryan Chapman, PE Assistant City Engineer City of Brea Public Works Dept. 1 Civic Center Circle Brea, California 92821 (714) 990-7763 ryanch@cityofbrea.net</p>	<p>Tony Olmos, PE Public Works Director City of Pasadena Public Works Dept. 100 North Garfield Avenue Pasadena, CA 91101 (626) 744-4233 tolmos@cityofpasadena.net</p>



Appendix

- Key Personnel Resumes
 - Required Forms



Juan M. Diaz, MBA, PE

Principal-In-Charge/QA/QC Manager



Title

President/Chief Executive Officer

Years of Experience

37

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 37 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 Engineering – Guadalupe Park Trail and Rehabilitation – City of La Habra

Served as *Project Manager* 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.

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.

La Habra/UPRR Class I Bikeway – City of La Habra

Served as *Project Manager* responsible for providing professional engineering services for the design of the La Habra Union Pacific Rail Line Bikeway Project from the west City limit to the east City limit. The La Habra



bikeway will eventually connect to future bikeways to the west in the City of Whittier (Greenway Trail) and to the east to the City of Brea's bikeway as part of OCTA's Regional Commuter Bikeway Priorities and Orange County Loop Project. Project tasks included preliminary and final engineering phases including conceptual design, preparation of environmental documents, schematic design, right-of-way engineering maps, real estate offer, necessary legal descriptions as well as preparation of final construction plans, specifications and cost estimates. The project included bikeway alignment, drainage, grade crossing equipment upgrades, traffic signal and structural plans for the project. The nearly 3-mile-long bikeway, which is part of the 66-mile-long OC Loop, required close coordination with CPUC, UPRR and OCTA.

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

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



Ivan Salvatierra, PE, TE

Project Manager



Title

Senior Project Manager

Years of Experience

18

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 18 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 street improvement, curb ramps, 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 – Guadalupe Park Trail and Rehabilitation – City of La Habra

Served as *Project Engineer* responsible for providing professional engineering services for the design of the 3-mile long La Habra Union Pacific Rail Line Bikeway Project, from the west City limit to the east City limit. The La Habra bikeway will eventually connect to future bikeways, to the west in the City of Whittier (Greenway Trail) and to the east to the City of Brea's bikeway, as part of OCTA's Regional Commuter Bikeway Priorities and Orange County Loop Project. Project tasks include preliminary and final engineering phases including conceptual design, preparation of environmental documents, schematic design, right-of-way engineering maps and necessary legal descriptions, as well as preparation of final construction plans, specifications and cost estimates. The project includes bikeway alignment, drainage, traffic signal, and structural plans for the project.

On-Call Engineering – La Bonita Skatepark Security Cameras and Lighting Improvements – City of La Habra

Served as *Project Manager* responsible for providing engineering design services for the La Bonita Skatepark Security Cameras and Lighting Improvements Project in the City of La Habra. Security improvements included installation of new high-definition CCTV cameras and lighting fixtures around the skatepark and basketball facilities. Camera design included communication routing, network server upgrades, new switches along with troubleshooting of existing cameras and network. Lighting design included illumination calculations, conductor and conduit routing, electrical panel upgrade, new flood lights, new luminaires and poles.

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.

Alameda Street Widening from 300' South of Pacific Coast Highway to Anaheim Street, City of Los Angeles

Serving as *Sr. Civil Engineer and Project Manager* responsible for providing civil engineering design services for the widening of Alameda Street from





300' south of Pacific Coast Highway to Anaheim Street in the Wilmington community of the City of Los Angeles. The project will widen and upgrade a 0.68-mile section of Alameda Street, the gateway to the Ports of Los Angeles and Long Beach, to a modified Boulevard II, increasing the number of lanes in each direction from two to three.

Local Streets Rehabilitation Program – Phase 2, Zone 3 – City of Norwalk

Serving as Project Manager responsible for developing design plans, specifications and estimates as well as construction management services for the City's Zone 3 Local Streets Rehabilitation Program. 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. The project involves utility coordination as well as close coordination with the City, local schools and residents in the area.

Design, Construction Management and Inspection for Local Streets Rehabilitation Program – Phase I, Zone 24 & Miscellaneous Streets, City Project No. 7924 – City of Norwalk

Served as *Project Manager* responsible for developing design plans, specifications and estimates as well as construction management services 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 were 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.

Westside Subway Extension (Purple Line) Section 3 – Metro

Serving as *Civil Design Manager* as a part of the lead civil design team responsible for the preparation of Request for Proposal and Advanced Preliminary Engineering plans for the 9-mile extension of the existing Metro Purple Line Subway to Westwood. The design consists of 9 underground subway stations connected by dual tunnels beneath existing major roadway corridors. Tasks consist of developing plans for track alignment, tunnel, roadway restoration, worksite traffic control, traffic signal restoration, underground utility relocations, and temporary roadway decking with excavation support. Tasks also include various studies of construction/excavation methods, track alignments, and tunnel construction methods.

Compton Boulevard, HSIP Cycles 7 and 8 Safety Enhancement Projects – City of Compton

Serving as *Sr. Civil Engineer* responsible for preparing preliminary and final design plans for Highway Safety Improvement Program (HSIP) and rehabilitation improvements along Compton Blvd, between the eastern city limit and the western city limit (approximately 3 1/2 miles) in the City of Compton.

The City secured HSIP funds to reconstruct Compton Boulevard, within City boundaries with the purpose of achieving a significant reduction in traffic fatalities and serious injuries on all public roads. The additional improvements will focus primarily on improving safety through roadway paving which is in poor condition as well as improving raised median islands, adding Class II bicycle lanes and enhancing pedestrian crossings, as well as improving some parkways, sidewalks and curb ramps which do not meet ADA standards.

Rehabilitation improvements include existing pavement condition review and geotechnical analysis. The project includes 139 curb ramps to be reconstructed. Close coordination with Metro (funding), UPRR and the California Public Utilities Commission (CPUC) is needed to coordinate grade crossing improvements at Willowbrook Avenue and Alameda Street



Frank Sanchez, PE

Constructability/Construction Management



Title

Senior Project/Construction Manager

Years of Experience

24

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 24 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

Serving 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.





Algis J. Marciuska, MBA, PE

Roadway/Bikeway/Grade Crossings



Title

Senior Civil Engineer

Years of Experience

37

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 37 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.

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.

City Engineering Services – City of Brea

Serving as *Sr. Civil Engineer* providing professional engineering services to the City of Brea on an as-needed basis. 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.

Local Streets Rehabilitation Program – Phase 2, Zone 3 – City of Norwalk

Serving as *QA/AC Manager* as JMD is responsible for developing design plans, specifications and estimates as well as construction management services for the City's Zone 3 Local Streets Rehabilitation Program. 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. The project involves utility coordination as well as close coordination with the City, local schools and residents in the area



Compton Boulevard, HSIP Cycles 7 and 8 Safety Enhancement Projects – City of Compton

Serving as *Senior Civil Engineer* responsible for preparing preliminary and final design plans for Highway Safety Improvement Program (HSIP) and rehabilitation improvements along Compton Blvd, between the eastern city limit and the western city limit (approximately 3 1/2 miles) in the City of Compton.

The City secured HSIP funds to reconstruct Compton Boulevard, within City boundaries with the purpose of achieving a significant reduction in traffic fatalities and serious injuries on all public roads. The additional improvements will focus primarily on improving safety through roadway paving which is in poor condition as well as improving raised median islands, adding Class II bicycle lanes and enhancing pedestrian crossings, as well as improving some parkways, sidewalks and curb ramps which do not meet ADA standards.

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.

TOS 19 - Alameda Street Widening from 300' South of Pacific Coast Highway to Anaheim Street, City of Los Angeles

Serving as *QA/QC Manager*. JMD is responsible for providing civil engineering design services for the widening of Alameda Street from 300' south of Pacific Coast Highway to Anaheim Street in the Wilmington community of the City of Los Angeles. The project will widen and upgrade a 0.68-mile section of Alameda Street, the gateway to the Ports of Los Angeles and Long Beach, to a modified Boulevard II, increasing the number of lanes in each direction from two to three.

Design, Construction Management and Inspection for Local Streets Rehabilitation Program – Phase I, Zone 24 & Miscellaneous Streets, City Project No. 7924 – City of Norwalk

Served as *QA/AC Manager*. JMD was responsible for developing design plans, specifications and estimates as well as construction management services 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 were 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.



Steven Itagaki, PE, TE, PTOE

Traffic and Lighting Lead



Title

Senior Project Manager

Years of Experience

32

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 32 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-Call Engineering – Guadalupe Park Trail and Rehabilitation – City of La Habra

Served as *Sr. Traffic Engineer* 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.

On-Call Engineering - La Habra/UPRR Bikeway – City of La Habra

Served as *Project Engineer* responsible for providing professional engineering services for the design of the three 3-mile long La Habra Union Pacific Rail Line Bikeway Project, from the west City limit to the east City limit. The La Habra bikeway will eventually connect to future bikeways to the west in the City of Whittier (Greenway Trail), and to the east to the City of Brea's bikeway as part of OCTA's Regional Commuter Bikeway Priorities and Orange County Loop Project. Project tasks include preliminary and final engineering phases including conceptual design, preparation of environmental documents, schematic design, right-of-way engineering maps, and necessary legal descriptions, as well as preparation of final construction plans, specifications and cost estimates. The project also includes bikeway alignment, drainage, traffic signal, and structural plans.

City Engineering Services – City of Industry

Served as *City Traffic Engineer* responsible for providing City engineering services to the City of Industry. Services included permitting, plan checking, and inspection as well as the preparation of studies and design plans for roadway, traffic signal, railroad crossing, and rail/highway grade separation projects.

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 Blvd SS & TS Plan Review
- 810 East Valley Mixed Use TIS Review
- 330 East Las Tunas Drive Medical Office
- 600 South San Gabriel Boulevard TIS
- 101-111 West Valley Boulevard Hyatt Place
- 500 East Valley Boulevard TIS Review
- 400-420 West Valley Boulevard TIS
- 824 South Gladys Avenue Senior Center TIA.

Advanced Dilemma Zones and Left Turn Phasing Traffic Signal Improvements, City of Anaheim

Serving as *Project Manager* for the Advanced Dilemma Zones and Left Turn Phasing Traffic Signal Improvements Project. The scope of work included traffic signal modifications to seven intersections with high accident rates. The modifications included the implementation of advanced dilemma zone improvements to help eliminate accidents from red light running. This project also involved the installation of left turn phasing.

Local Streets Rehabilitation Program Phase I, Zone 24 & Miscellaneous Streets – City of Norwalk

Serving as *Lead Traffic and Lighting Engineer* responsible for developing 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 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.

Central Avenue Street Corridor Transportation Study & Conceptual Design Plans – City of Compton

Served as *Project Manager* responsible for assisting the JMD team in preparing a Transportation Study/PSRE and seeking local, State and Federal transportation funds for the improvement of Central Ave Corridor between Artesia Blvd and El Segundo Boulevard in the City of Compton. The Transportation Study/PSRE and Conceptual Plans, considered Phase I of the project, will allow the City to evaluate transportation needs in the key corridor and provide base conceptual engineering plans for the redesign of the corridor focusing on a safe, sustainable, integrated and efficient transportation system. JMD developed three (3) alternatives which consider conventional, complete and green street elements to best address local access and circulation needs on Central Avenue. Such a mix of alternatives also increases the likelihood of obtaining project funding. The project included roadway rehabilitation including full depth reclamation (FDR), as well as isolated, median, driveway and curb ramps improvements.



Deepak Solanki

Drainage/Utilities



Title

Senior Project Engineer

Years of Experience

31

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 31 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.



Kurt S. Yoshii, PE, GE

Hazmat Lead



As a Principal Engineer for Ninyo & Moore, Mr. Yoshii provides principal oversight on geotechnical evaluations and materials testing and inspection for commercial and public facilities, including ports, airports, highways, railroads, schools, hospitals, correctional facilities, pipelines, and bridges. He reviews geotechnical engineering reports, and provides geotechnical design parameters and recommendations for grading and earthwork, shallow and deep foundations, retaining structures, and in-situ ground remediation, as well as oversees the soils and materials laboratory operations. He provides supervision and technical support to project-level engineers and geologists and provides expert witness services on litigation projects.

Relevant Experience

Port of Long Beach On-Call Geotechnical Engineering Professional Services, Long Beach, CA

Served as *Principal-in-Charge* responsible for providing Geotechnical Engineering Professional Services for the development, expansion and/or improvements of general marine terminal, infrastructure, and other Port-related facilities on an on-call basis. Services include geotechnical investigations, collection and analysis of soil samples, collection and review of geological and geotechnical data from previous investigations, seismic hazard reviews, engineering analysis and design, permitting support and construction support services, subsurface utility investigations, Ground Penetrating Radar (GPR) pavement investigations and design, and laboratory testing services. Projects have included 3rd party geotechnical review services for the Tesoro Facility Soil Improvement Project at Berths B84-B85 and the third-party review for the Fireboat Station 20 Facility project at Pier D, Berth 50 in Long Beach, California.

Pier J, Landside Crane Rail Upgrade Berths J245-J247 in Long Beach, CA

Served as *Principal Engineer* providing 3rd party geotechnical review services for the Landside Crane Rail Upgrade project located at Pier J, Berths J245-J247 in Long Beach, California. Our services were performed in accordance with our On-Call Contract with Port of Long Beach (POLB). The project was established under the POLB Capital Improvement Project No. HA 1448. The Pier J Berths 245-247 wharf is located along the southern boundary of the Southeast Basin. The project consists of upgrading the crane rail capacity from 24 kips/feet to 35 kips/feet in order to safely accommodate future proposed crane raises. The existing foundation consists of 18-inch octagonal precast prestressed concrete piles designed to achieve its capacity by skin friction only. Therefore, the design team was evaluating two alternatives for the new foundation

Port of Long Beach North Railyard Renovation, Long Beach, CA

Served as *Principal Engineer* responsible for geotechnical consulting, construction observation and materials testing for the Port of Long Beach

Title

Principal-in-Charge

Years of Experience

28

Registration

Registered Geotechnical Engineer, CA #2509

Registered Professional Engineer, CA, #54759

Education

- **B.S.**, Civil Engineering
University of California, Berkeley

Affiliations

- American Society of Civil Engineers
- American Society for Testing and Materials
- American Concrete Institute
- American Council of Engineering Companies
- Asian American Architects / Engineers Association
- Construction Management



Pier G North Railyard Renovations Project Berths G230-G236. This project included the re-engineering of subgrade materials, placement of ballast for approximately 5 miles of new railroad track, backfill of utility structures, boring and jacking for utilities beneath the existing railway, construction of concrete retaining walls, placement of Cement-Treated Base (CTB) as well as asphalt concrete (AC) pavement. Other associated improvements at the site included new railroad track systems, compressed air system and equipment, electrical systems for railyard and backlands, high mast light poles, storm drain systems including a storm water lift station, concrete runways, retaining walls, metal stairs, water systems, and sewer systems including lift stations.

Port of Long Beach Pier G Metro Track Improvement, Long Beach, CA

Served as *Principal-in-Charge* for the geotechnical, materials testing and specialty services during construction of the Pier G Metro Track Improvement and Wharf Deck Repair project located at the Port. The project consisted of removal and replacement of ties, rails, turnouts, crossovers, ballast and sub-ballast, as well as wharf deck repairs. Earthwork for the project consisted of excavation and segregation of soil materials, ballast and crushed miscellaneous base (CMB)/sub-ballast, construction of fill, subgrade preparation, and excavation and backfill of utility trenches. The project also included minor grading and recompaction of CMB where asphalt concrete (AC) pavement was removed and replaced. Additional site improvements included installation of water systems, fencing, gates and bollards, concrete steps and landing pads, a steel stairway, safety railings and handrails for the stairway. Field materials testing services included observation, sampling and testing of soils, aggregates and concrete. Specialty inspection services included inspection of structural concrete and but welding of rails, including non-destructive testing of welds.

Port of Long Beach, New Maintenance Facility, Long Beach, CA

Served as *Principal-in-Charge* for the geotechnical and materials testing services during construction of the new Maintenance facility located at 725 Harbor Plaza, Long Beach, California. The project consisted of constructing a new covered storage facility, maintenance facility with partial second floor, covered vehicle parking, trash enclosure, site wall, visitor parking lot, employee parking lot and landscaping. Structurally, the new buildings consisted of reinforced concrete spread footings and slab on grade, structural steel framing with brace frames, concrete masonry unit (CMU) walls, concrete over metal decking and metal stud walls. We have provided ICC special inspection of reinforced concrete, structural masonry, structural steel, AWS-CWI inspection of fabrication shop and field welding; non-destructive testing of welds, and field and laboratory conformance testing of the construction materials.

Port of Long Beach Marine Operations Building & Power/Crane, Long Beach, CA

Served as *Principal Engineer* responsible for project coordination, management and technical support, and deputy inspection for reinforced concrete placement, on-site/off-site field inspections, reinforcing steel placement, structural steel erection, welding, high strength bolting, anchor/expansion bolt installation, masonry inspections, and fireproofing installation. We also provided earthwork observation and density testing for utility backfill, structure backfill, subgrade (SG), aggregate base (AB) placement, and asphalt concrete (AC) placement. Soils technicians were provided for observation of deep dynamic compaction and stone column installations. ACI technicians were provided for concrete placements. Services also included batch plant inspection during production of structural concrete and asphalt concrete. Services were also completed utilizing union personnel for this project in compliance with the Local 12 Project Labor Agreement (PLA).

Port of Los Angeles/ Red Car Museum, San Pedro, California

Served as *Principal-in-Charge* providing a geotechnical and materials evaluation for the proposed seismic retrofit of the existing building located at 245 North Fries Avenue in Wilmington, California. The historic building was constructed in 1917 as a storage warehouse adjacent to the railroad.



Roy Guinaldo

Real Estate Lead



Title

Senior Project Manager

Years of Experience

34

Education

- **Real Estate**, Cerritos Community College

As a Senior Right of Way Project Manager, Mr. Guinaldo is a team leader with over 34 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.

Relevant Experience

I-10 Express Lanes Project - San Bernardino County Transportation Authority (SBCTA)

Project Manager responsible for over 450 partial acquisitions and complex partial acquisitions as part of a high profile, politically sensitive project to add tollway lanes along the 33-mile segment of I-10 from the Los Angeles/San Bernardino County Line in Montclair and Ford Street in San Bernardino County.

Pedestrian Gap Closures - City of Lancaster, CA

As Project Manager, responsibilities include overseeing coordination of title documents, legals/plats/maps, cost estimating, Minimum Value Estimates (MVE), the negotiation process for dedication of land, eminent domain support, and escrow for 26 parcels to construct city improvements such as street widening, ADA complaint curb ramps, and the installation of curb, gutter, and sidewalks to promote active transportation within the City of Lancaster. Federally funded project.

Westbound SR-91 – Alondra Blvd to Shoemaker Improvement Project – LA County Metropolitan Transportation Authority (Metro)

Working with design team to widen and improve three (3) miles of freeway along SR-91 between Shoemaker Avenue at I-605 interchange and the I-605 exit at Alondra Blvd. Project Manager overseeing appraisal, appraisal review, partial acquisition, and Right of Way certifications of nine (9) residential, commercial properties.

SR-91 CIP – Riverside County Transportation Commission (RCTC)

This high profile, politically sensitive project involves over 450 partial and full acquisitions with varying degrees of difficulty and approximately 250 residential and business relocations. This design-build project will widen approximately 16 miles of active highway through the urbanized area of Corona and the County of Riverside. As a Senior Agent and then Project Manager, responsible for full take and part take acquisitions, as well as complex acquisitions of residential, commercial, and industrial parcels. Additionally, responsible for residential relocation assistance services. Performed project management activities within the project. Negotiated the acquisition of additional right of way throughout the project as needed.



San Bernardino County Transportation Authority (SBCTA)

I-10 Express Lanes Project. *Project Manager* responsible for over 450 partial acquisitions and complex partial acquisitions as part of a high profile, politically sensitive project to add freeway lanes along the 33-mile segment of Interstate 10 (I-10) between the Los Angeles/San Bernardino (LA/SBd) County Line and Ford Street in San Bernardino County.

Riverside County Transportation Commission (RCTC)

SR-91 CIP. This high profile, politically sensitive project involves over 450 partial and full acquisitions with varying degrees of difficulty and approximately 250 residential and business relocations. This design-build project will widen approximately 16 miles of active highway through the urbanized area of Corona and the County of Riverside. As a Senior Agent and then Project Manager, responsible for full take and part take acquisitions, as well as complex acquisitions of residential, commercial, and industrial parcels. Additionally, responsible for residential relocation assistance services. Performed project management activities within the project. Negotiated the acquisition of additional right of way throughout the project as needed. Sales Broker. Currently acting as RCTC's Broker, for the sale of several properties associated with the SR-91 project. SR91/SR71 Interchange Improvement Project. Senior Agent responsible for part-take acquisitions. Assisted the project manager by performing certain project management activities within the project. Attended meetings, coordinated offer packages, reviewed documents, and updated the client. SR-74/I-15 Widening Project. Senior Agent responsible for the acquisition of mitigation properties and acquisition of temporary construction easements. I-215 Widening Project; Scott Road to Nuevo. Senior Agent responsible for the acquisition of easements and temporary construction easements.

Orange County Transportation Authority (OCTA)

I-405 Widening Project. This project is for the creation of new tolled express and general-purpose lanes and miscellaneous widening improvements along the I-405 between SR-73 and I-605. As a Project Manager, responsible for the right of way acquisition work for 15 parcels.

Los Angeles County Metropolitan Transportation Authority (Metro)/Hatch Mott MacDonald

Crenshaw/LAX Transit Project. Acquisition Manager. Responsible for managing staff, providing updates to the client, and assisting with the acquisition of permanent and temporary easements for the eight-mile light rail which extends from the southern terminus of the Metro Green Line to the new Metro Exposition Line.

TRIP/City of Bakersfield

Centennial Corridor Improvement Project. This project will facilitate the extension of SR-58 to the west of SR-99 providing a continuous freeway connection to the Westside Parkway (future SR-58). Performing as a Project Manager responsible for acquisition and relocation work for approximately 88 full and partial acquisitions. 24th Street Improvement Project. Responsible for full take and part take acquisitions as well as complex acquisitions of residential, commercial, and industrial parcels.

City of Oxnard

U.S. 101/Rice Ave. Interchange. Acquisition and Relocation Agent responsible for the acquisition of full and partial takes from residential and commercial properties and mobile homes. The City, in cooperation with Caltrans, reconstructed and widened the existing Rice Avenue/U.S. 101 Interchange and overcrossing from two to six lanes, reconfiguring the on and off-ramps and realigning Ventura Boulevard.

City of Long Beach Redevelopment Agency

West Gateway Project. Responsible for the acquisition of residential and commercial properties and for the relocation of residential on-site owners. In total, OPC provided relocation for 119 residential tenants, 13 homeowner occupants, and 15 businesses in the West Gateway Project Area. Services included negotiating leasehold interest acquisition and the coordination of bulk sale escrow.



Steve Lang, ASLA

Landscape Architecture



Title

Principal

Years of Experience

36

Registration

Registered Landscape Architect:
California #1771,
Nevada #461

Education

- **B.A.**, Bachelor of Arts, Landscape Architecture, University of California, Berkeley

Affiliations

- American Society of Landscape Architecture (ASLA)
- California Parks and Recreation Society (CPRS)

A Principal in MIG's Fullerton office, Steve Lang has more than 35 years of experience in landscape architecture and project management. Mr. Lang has managed the preparation of conceptual studies, master plans, and construction drawings for projects ranging from trails and corridors, to urban redevelopment and natural parks. His experience includes regional interpretive trails along waterways; neighborhood, community and regional parks; equestrian facilities, sports complexes; streetscapes; and road improvements.

Mr. Lang teaches in the Landscape Architecture Program of the UCLA Extension and was former chair of the faculty Committee. He served as the Chair of the Landscape Architects Technical Committee of the California Architects Board and Department of Consumer Affairs in 2008 / 2009.

Steve also participated as a facilitator in the NEA grant funded Re:streets Conference, hosted by MIG, with over 100 participants from across the Nation held at Berkeley in June 2011.

Relevant Experience

Pine Avenue Streetscape Improvements – Long Beach, CA

Served as *Principal-in-Charge* - MIG prepared conceptual plans and construction documents for 14 blocks of streetscape enhancements on Pine Avenue from Shoreline Drive to Anaheim Street in Downtown Long Beach. Improvements included drought tolerant trees and shrubs, refurbished historical street lights and towering Canary Island Palms at intersection corners with flowering understory trees for pedestrian shade and scale along widened sidewalks.

Firestone Boulevard Streetscape Improvements – Downey, CA

Served as *Principal-in-Charge* - MIG developed construction plans to revitalize 1.25 miles of Firestone Boulevard from Old River School Road to Brookshire Avenue. The landscape design consisted of waterwise median planting, treewells, brick paver sidewalk accents, flowering pots, pocket benches with low protective cheek walls inscribed with famous quotes and the new City logo. Street furnishing include custom bike racks with the City logo as well as trash receptacles and bus stop shelters. A custom designed signature sign announces arrival into "Downtown Downey" and lighted, stacked, brush-metal letters announcing DOWNEY at the city borders.

Beverly Boulevard Median Landscape Improvements – Pico Rivera, CA

Served as *Principal-in-Charge* - In conjunction with the renovation of Pico Park, MIG was commissioned to add streetscape enhancement of Beverly Boulevard, which fronts the community park and provides the main entrance to the park. Relevant key features include drought tolerant planting, depressed median for rain water collection, City gateway monument sign and sweeps of rock cobbles and groundcover. The median requires low maintenance with subsurface irrigation.



*****Long Beach Transit Gallery – Long Beach, CA**

Served as *Principal-in-Charge* - MIG developed conceptual plans, construction documents and construction administration services to complete the \$5 million streetscape improvements associated with the re-envisioning of the transit mall. The project was aggressively designed and constructed in one year to meet Federal funding requirements. Improvements included 8 new custom designed bus shelters, hardscape with shoreline themed mosaics celebrating the seashore theme, high tech LED lighting and convenient site furnishings. The award-winning project was completed in 2010.

Yorba Linda Landscape Maintenance Assessment District Landscape Transition Design Project – Yorba Linda, CA

Served as *Principal-in-Charge* - The City of Yorba Linda contracted with MIG to provide template landscape concepts to transition turf medians, parkways and landscaped slopes into a more drought tolerant and low maintenance areas. With over 400 acres of landscape areas, it became evident during the drought that the water demands for extensive turf areas was unsustainable. The multiple template designs allowed incremental implementation of the improvements based on budgets and specific template selection chosen by City staff. A few demonstration areas were initially designed and constructed for public review and comment before proceeding with more landscape replacement installations. The “outside the box” approach of using templates and demonstration areas has been successful in transitioning the Yorba Linda landscapes which have been a longtime signature of the community.



Christopher Cho, PE, SE

Structures Lead



Title

Senior Engineer

Years of Experience

15

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



Shawn Ariannia, PhD, PE, GE

Geotechnical



Title

Principal Geotechnical Engineer

Years of Experience

37+

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 37 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.



Marc Blodgett

Environmental Analysis



Title

Principal/Project Manager

Years of Experience

35+

Education

- **Masters of Urban Planning**, 1987, California State Polytechnic University, Pomona
- **BS**, Geography/Anthropology, Minor in Earth Science, 1982, California State Polytechnic University, Pomona

BLODGETT BAYLOSIS
ENVIRONMENTAL
PLANNING
PLANNING • ENVIRONMENTAL •
ECONOMICS • MAPPING

Mr. Blodgett has extensive experience in urban planning and environmental analysis. His professional skills include experience with urban planning, environmental analysis, air quality analyses, noise impact analyses, traffic studies, and socioeconomic analyses. Mr. Blodgett has completed over 500 environmental studies in the past 35 years and has assisted in, or managed, the preparation of more than 40 general plans. His academic focus included urban planning, economic geography, earth science, statistics/research methods, and remote sensing.

Relevant Experience

Environmental Impact Analysis

Mr. Blodgett has prepared over five-hundred (500) environmental studies for a variety of public and private projects. Project experience includes large mixed-use developments, light rail transit projects, residential projects, street improvement projects, institutional facilities (jails, hospitals, airports, civic centers, parks, etc.), and industrial projects.

General Plan Preparation

Mr. Blodgett has participated in, or managed the preparation of, more than forty (40) general plans throughout Los Angeles County, Orange County, and the Inland Empire. Mr. Blodgett has also managed the preparation of housing elements for more than thirty (30) cities.

Specific Plan Preparation

Mr. Blodgett has prepared a number of specific plans for residential, industrial, and mixed-use developments, both for “new town” developments and infill projects.

Economic & Demographic Analysis

Mr. Blodgett is experienced in the development and use of econometrics, demographic analysis, and projection techniques.

Noise and Air Quality Analysis

Mr. Blodgett is experienced with the analytical protocols required by the South Coast Air Quality Management District and the State of California Air Resources Board. Mr. Blodgett also has extensive experience in the preparation of noise studies and policy documents governing noise control.

Remote Sensing & Mapping

Mr. Blodgett is experienced in remote sensing, image processing, and interpretation techniques using both satellite and aerial photography.



Alex Khezri

Survey/Mapping/ROW Engineering



Title

Project Engineer

Years of Experience

22

Registration

Engineer-In-Training

Education

- **MSc**, Highway & Transportation Engineering, 2016, University of Putra Malaysia Serdang, Selangor, Malaysia
- **BAS**, Civil Engineering, 2000, University of British Columbia, Canada

Affiliations

- American Society of Civil Engineers
- Institute of Transportation
- The Association of Professional Engineers and Geoscientists of the Province of British Columbia
- Iranian American Society of Civil Engineers and Architects

Mr. Khezri has more than 22 years of experience in the field of civil engineering and plan preparation as well as numerous land surveying and base plan preparation. He has extensive experience in preparation of street improvement plans and related construction documents. Mr. Khezri has initiated several street improvements and median projects from conceptual level to final completion. He also has gained a great deal of experiences in land surveying and field investigation for public projects and ADA Access requirements. Mr. Khezri has worked on numerous projects for municipalities and Caltrans throughout Orange and Los Angeles Counties. He is very familiar with use of the W.A.T.C.H. manual and Caltrans Design and Traffic Manuals. Mr. Khezri is highly skilled in Technical Software including the latest versions of Land Desktop development (LDD), Civil 3D, AutoCAD, Primavera Project Management software, Synchro, and Ipsan traffic engineering software.

Relevant Experience

Imperial Highway Rehab, Median Landscaping, and Traffic Signal Modifications – City of La Mirada

Mr. Khezri prepared plans, specifications, and cost estimate construction documents for pavement rehabilitation and reconstruction, removal and reconstruction, replacing metal pipes (CMP) with RCP, utility adjustments, median landscaping and irrigation system demolition and revamp, installation of SWPPP filters and implementation of post construction BMP, and addition of protected left turn lanes at two (2) intersections requiring relocation and modification of traffic signals and phasing.

Oak Avenue and White Avenue Rehabilitation and Street Improvements – City of Pomona

Prepared plans, specifications and estimates for pavement rehabilitation and reconstruction of curbs & gutters and sidewalks from 2nd Street to Mission Boulevard. The work involved design survey, geotechnical and pavement analysis to select a suitable method to rehabilitate existing pavement, reconstruction of intersections, construction of curbs & gutters and sidewalks, construction of ADA curb access ramps, signing and striping, and utilities adjustments.

Pacific Park Drive. Pavement Rehabilitation and Street Improvements – City of Aliso Viejo

Mr. Khezri prepared plans, specifications, and cost estimates for pavement rehabilitation, and reconstruction of any damaged curb & gutter and sidewalk from Alicia Parkway to La Paz Road. The work involved design survey, job walk, geotechnical and pavement analysis to select a suitable method to rehabilitate existing pavement, construction of any damaged curb & gutter and sidewalk, and upgrade ADA curb access ramps, signing and striping, construction staging, and traffic control plan, and utilities adjustments.



Armando DuPont, PLS

Survey/Mapping/ROW Engineering



Title

President

Years of Experience

35+

Registration

Registered Professional Land
Surveyor, CA, #PLS7780

Education

- **A.A.**, Civil Engineering, Fullerton College
- Land Surveying Courses, California State Polytechnic University, Pomona

Mr. Dupont started his career in the surveying industry in 1977. As President and founding member of Calvada Surveying, Inc., 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.

Mr. Dupont 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

Topographic Survey of Beverly Boulevard & I-605/SR-60/I-605 PA&ED – Los Angeles County

Mr. DuPont served as the *Lead Surveyor* for the topographic survey for engineering purposes. Supplemental topographic surveys were completed along the 14 miles of the I-605, SR-60, and I-10 freeways within the following cities Pico Rivera, South El Monte, Industry, El Monte, Baldwin Park, Whittier, and unincorporated areas within the County of Los Angeles. The Topographic Survey also included detailed cross sections of Beverly Boulevard and I-605 SB Lane.

Topographic Survey of 1-5 North HOV Lanes – Stevenson Ranch

Mr. DuPont served as the *Lead Surveyor* for the topographic survey for engineering purposes. A highly detailed topographic survey of 10 miles of the I-5 freeway near Stevenson Ranch was performed. The shoulders, first lanes, far lanes, various slopes, visible utilities, and bridges crossings were surveyed. The map included 50' cross sections along the 10 miles and detailed contours and surfaces throughout the sloped areas of the project area. The survey had to be surveyed conventionally due to the nature of the accuracy that was required and an aerial survey would not suffice.

Topographic Survey of a Portion of the Long Beach Airport – City of Long Beach

Mr. DuPont served as the *Lead Surveyor* for the topographic survey for engineering purposes. A detailed topographic survey of the southeast portion of the airport for design purposes was completed under the supervision of Mr. DuPont.

APPENDIX "B"

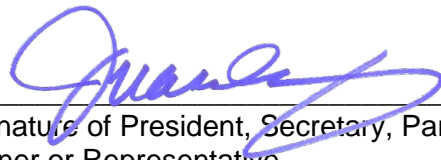
CONFLICT OF INTEREST DISCLAIMER

The undersigned, Juan M. Diaz, MBA, PE, declares that
(Print or Type Name)

JMDiaz, Inc. ~~-does have~~ does not have (cross one out)
(Name of Firm)

interest, ownership or receives or anticipates receiving remuneration of any type from the manufacturer(s), supplier(s), or distributor(s) which may be recommended on the project, as listed below.

<u>Firm</u>	<u>Product</u>	<u>Remuneration</u>
NONE		



Signature of President, Secretary, Partner,
Owner or Representative

February 16, 2023
Date

APPENDIX "C"

ACKNOWLEDGMENT OF INSURANCE REQUIREMENTS AND CERTIFICATION OF ABILITY TO PROVIDE COVERAGES SPECIFIED

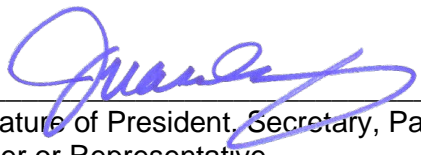
I, Juan M. Diaz, MBA, PE, the President/CEO
(President; Secretary; Owner or Representative)

of JMDiaz, Inc., certify that the
(Company Name or Corporation, or Owner)

Insurance Requirements set forth in Article IV of the Proposed Agreement have been read and understood that our insurance company(ies) Edgewood Partners Insurance Center (EPIC)

(Name(s) of insurance company(ies))

is/are able to provide the coverages specified.



Signature of President, Secretary, Partner,
Owner or Representative

February 16, 2023

Date



PLANNING | ENGINEERING | MANAGEMENT

18645 East Gale Avenue, Suite 212
City of Industry, CA 91748-1363
T 626.820.1137 • F 626.820.1136
www.jmdiaz.com

EXHIBIT "B"
COMPENSATION RATES AND FEES



HOURLY RATE SCHEDULE

<u>Personnel Name</u>	<u>Position/Title in Company</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
<u>Off Site</u>						
Juan M. Diaz	Principal/Rail/Transit	\$244.00	\$256.00	\$269.00	\$282.00	\$296.00
Peter Kim	QA/QC Manager	\$239.00	\$251.00	\$264.00	\$277.00	\$291.00
Jack Shah	QA/QC Manager	\$235.00	\$247.00	\$259.00	\$272.00	\$286.00
Lan Saadatnejadi	Project Engineer - Highways	\$201.00	\$211.00	\$222.00	\$233.00	\$245.00
Algis Marcuska	Sr. Project Manager/Technical Adv.	\$253.00	\$266.00	\$279.00	\$293.00	\$308.00
Steven Itagaki	Sr. Project Manager - Traffic	\$206.00	\$216.00	\$227.00	\$238.00	\$250.00
Ivan Salvatierra	Sr. Project Manager - Civil	\$204.00	\$214.00	\$225.00	\$236.00	\$248.00
Winston Bautista	Senior Engineer - Traffic Analysis	\$217.00	\$228.00	\$239.00	\$251.00	\$264.00
Ronie Dema-ala	Sr. Project Manager - Rail/Transit	\$201.00	\$211.00	\$222.00	\$233.00	\$245.00
Joel Bareng	Traffic Engineer	\$201.00	\$211.00	\$222.00	\$233.00	\$245.00
Armando Cuevas	Design Manager I	\$131.00	\$138.00	\$145.00	\$152.00	\$160.00
Alicia Fernandez	Labor Compliance	\$117.00	\$123.00	\$129.00	\$135.00	\$142.00
Sherri Terrell	Marketing/Graphics	\$115.00	\$121.00	\$127.00	\$133.00	\$140.00
Gilbert Figueroa	Project Engineer	\$144.00	\$151.00	\$159.00	\$167.00	\$175.00
William Stracker	Technical Advisor	\$184.00	\$193.00	\$203.00	\$213.00	\$224.00
Luis Castañeda	Assistant Project Manager	\$147.00	\$154.00	\$162.00	\$170.00	\$179.00
Deepak Solanki	Project Manager	\$198.00	\$208.00	\$218.00	\$229.00	\$240.00
Greg Andrade	Sr, Designer	\$100.00	\$105.00	\$110.00	\$116.00	\$122.00
Dana Dardoon	Design Engineer II	\$91.00	\$96.00	\$101.00	\$106.00	\$111.00
Chapman Lee	Design Engineer I	\$81.00	\$85.00	\$89.00	\$93.00	\$98.00
Cole Pearce	Engineering Intern	\$64.00	\$67.00	\$70.00	\$74.00	\$78.00
Daniel Hosseini	Engineering Intern	\$67.00	\$70.00	\$74.00	\$78.00	\$82.00
Ahmad Dardoon	Engineering Intern	\$46.00	\$48.00	\$50.00	\$53.00	\$56.00
Jasmine Felix	Administrative/Clerical	\$80.00	\$84.00	\$88.00	\$92.00	\$97.00
<u>On-Site</u>						
Mike Paieri	Sr. Construction Inspector	\$209.00	\$219.00	\$230.00	\$242.00	\$254.00
Frank Sanchez	Project/Construction Manager	\$163.00	\$171.00	\$180.00	\$189.00	\$198.00
Leticia Ortiz	Project Manager/Plan Checker	\$166.00	\$174.00	\$183.00	\$192.00	\$202.00
Bardia Rastan	Project Manager/Plan Checker	\$116.00	\$122.00	\$128.00	\$134.00	\$141.00
Khalid Dawood	Sr. Construction Inspector	\$126.00	\$132.00	\$139.00	\$146.00	\$153.00
Tom Geary	Building Inspector	\$131.00	\$138.00	\$145.00	\$152.00	\$160.00
Rick Barajas	Sr. Construction Inspector	\$220.00	\$231.00	\$243.00	\$255.00	\$268.00
Westley Mills	Sr. Building Inspector	\$123.00	\$126.00	\$129.00	\$132.00	\$135.00
Arjan Idnani	Construction Inspector	\$120.00	\$123.00	\$126.00	\$129.00	\$132.00
<u>Reimbursable Costs</u>						
Photo Copies (B&W)		\$0.12/Each				
Photo Copies (Color)		\$0.39/Each				
Bond Prings (24"x36")		\$3.00/Each				
Mileage**		\$0.655/Mile				

* Rates are effective January 1, 2023 through December 31, 2024 as noted above.

** Mileage rate per IRS.

BLODGETT BAYLOSIS ENVIRONMENTAL PLANNING
Planning • Environmental • Economics • Mapping

STANDARD LABOR/BILLING RATE SHEET 2023*

Hourly Labor Rates

Erlinda Blodgett (Principal in Charge): \$110.00/hour

Marc Blodgett (Project Manager): \$120.00/hour

Karla Nayakarathne (Project Planner): \$70.00/hour

Administrative Support (Clerical): \$45.00/hour

Other Rates

Deliveries /Messenger: At cost

Printing: At cost

Filing Fees(NOIA, NOP,NOD): At cost

Please note that BBEP does not add any administrative fee to reimbursables.

***These billing rates are valid from January 1, 2023 through December 31, 2023**

CHO DESIGN ASSOCIATES, INC.

3601 W. MacArthur Blvd., #903, Santa Ana, CA 92704

FEE SCHEDULE

Effective January 1, 2023

Principal Engineer/Project Manager.....	\$ 225.00/Hr
Project/Senior Engineer	\$ 200.00/Hr
CADD Technician/Draftsperson	\$ 150.00/Hr
Word Processing/Clerical.....	\$ 80.00/Hr

Reproductions, deliveries and other reimbursable items will be billed at our cost plus 15%.



* R E G I S T E R E D * P R O F E S S I O N A L * E N G I N E E R S * C A L I F O R N I A * C E N T R A L * R E G I O N *

STANDARD FEE SCHEDULE

Valid until January 1, 2025

CIVIL ENGINEERING SERVICES

\$	180.00	Principal-In-Charge
	180.00	Senior Project Manager
	150.00	Project Manager
	125.00	Project Engineer
	110.00	Design Engineer
	100.00	CAD Designer
	105.00	Computer Programmer
	65.00	Data Technician
	65.00	Clerical

FIELD SURVEY

\$	155.00	Survey Chief
	240.00	Two Person Crew
	110.00	Survey Technician

MISCELLANEOUS

The following costs are billed at our cost plus 15% maximum

- ◆ Subcontracted Services at Zero Mark Up
- ◆ Map check fees, permits or filing fees advanced by FHA
- ◆ Commercial delivery services including Federal Express, Express Mail and Messenger Services. (In-house delivery services billed at \$0.60 per mile plus labor.)
- ◆ Driving Time One Way
- ◆ Printing
- ◆ Graphic Services
- ◆ Legal Counsel, Expert Testimony

W : (949) 679-7673
C : (949) 838-6629

ahh@fhacengineers.com
www.fhacengineers.com

4255 Campus Dr. Unit 4209, Irvine CA 92616

<u>ENGINEERING SERVICES</u>		
ENGINEERING AND PROFESSIONAL SERVICES		
Principal Geotechnical Engineer/Principal Engineering Geologist	\$ 250.00	Per Hour
Senior Geotechnical Engineer/ Senior Engineering Geologist/Senior Registered Engineer	\$ 200.00	Per Hour
Registered Civil Engineer	\$ 200.00	Per Hour
Project Manager	\$ 140.00	Per Hour
Staff Engineer/Staff Geologist/Field Engineer	\$ 140.00	Per Hour
Administration	\$ 60.00	Per Hour
GIS Technician	\$ 135.00	Per Hour
Drafter/CAD Technician	\$ 90.00	Per Hour
Principal Geologist Forensic/Field and Office	\$ 300.00	Per Hour
Principal Geotechnical Engineer Forensic (Field and Office)	\$ 350.00	Per Hour
Senior Engineer Forensic (Field and Office)	\$ 250.00	Per Hour
Field Engineer Forensic	\$ 250.00	Per Hour
Principal Geotechnical Engineer and Geologist Expert Witness and Litigation Tasks	\$ 400.00	Per Hour
Senior Geotechnical Engineer/Senior Registered Engineer Expert Witness and Litigation Tasks	\$ 350.00	Per Hour
GEOTECHNICAL INVESTIGATIVE/PRE-CONSTRUCTION PHASE		
FIELD DRILLING AND TESTING		
*Field Testing/Sampling Helper (Technician - Prevailing Wage)	\$ 140.00	Per Hour
*Surcharge of \$10 per/hr. for projects under PLA/CWA agreements		
Drilling – Hollow Stem Auger (6-8" diameter) (Minimum \$4800/day) (subject to adjustment)	\$ 850.00	Per Hour
Drilling – Mud Rotary Wash Drilling (Minimum 8 hrs.)	\$ 7500.00	Per Day
Drilling – Cone Penetration Test (Minimum 4 hrs. and 8 hrs. after)	\$ 7500.00	Per 8 Hr. Shift
Coring- Pavement (Crew + Equipment, including rapid set concrete or cold AC patching)	\$ 275.00	Each Core
Saw-Cut – R-value Sampling (Crew + Equipment, including rapid set concrete or cold AC patching)	\$ 350.00	Each Location
Sample Pickup (truck + driver, min. 2 hrs.)	\$ 90.00	Per Hour
GPR Survey	\$ 4000.00	Per Day
Percolation Test (Falling Head Method - Max. depth 15') (Minimum \$4000)	\$ Quote	Per Test
<u>INSPECTION SERVICES</u>		
GEOTECHNICAL MONITORING		
DURING CONSTRUCTION TESTING AND INSPECTION SERVICES		
*Soil Technician / Field Engineer (Prevailing Wage)	\$ 145.00	Per Hour
*Surcharge of \$10 per/hr. for projects under PLA/CWA agreements		
Soils/Materials Inspector (Regular Wage)	\$ 95.00	Per Hour
Technician / Field Engineer – Pile and Tieback Monitoring & Inspection	\$ 145.00	Per Hour
Deputy Grading Inspector (City of LA)	\$ 160.00	Per Hour
Nuclear Gauge Equipment	\$ 75.00	Per Day
MATERIALS SPECIAL INSPECTION		
*Inspector/Concrete, Batch Plant Inspection	\$ 145.00	Per Hour
*Inspector/Masonry	\$ 145.00	Per Hour
*Inspector/Welding/Steel/Tagging & Sampling	\$ 145.00	Per Hour
*Inspector/Post-Tension	\$ 145.00	Per Hour
*Inspector/Fireproofing	\$ 145.00	Per Hour
*Inspector/UT	\$ 155.00	Per Hour
*Inspector/Pull Test	\$ 155.00	Per Hour
*Surcharge of \$10 per/hr. for projects under PLA/CWA agreements		
<u>REPORTS</u>		
Soils (Geotechnical/Geohazard Evaluation) Report		Varies - Lump Sum
DSA-293 Report	\$ 750.00	Ea. Cert.
DSA-291 Report	\$ 750.00	Ea. Cert.
Final Grading / Compaction Report (Minimum \$3000)	\$ Quote	Each
Pad Certificate Report/Letter	\$ 2000.00	Each

REPORTS

Utility Trench Compaction Report – (Length <4000 L.F.)	\$ 2500.00	Each
Wall Backfill Report	\$ 2500.00	Each
Monthly Interim Grading Report	\$ 2000.00	Each
Pile/Shoring Monitoring Report (Final)	\$ Quote	Each
Plan Review (Grading/ Foundation) (Minimum \$3000)	\$ Quote	Each
Materials Testing Final Verification Letter	\$ 1500.00	Each Project
Laboratory Report Review Letter (Stamped)	\$ 1500.00	Each

LABORATORY TESTING

SOIL AND AGGREGATE

CLASSIFICATION & PHYSICAL CHARACTERISTICS

ID	ASTM	CTM			
T101	D2937	CT212	Unit Weight	\$ 25.00	Each
T102	D4829		Expansion Index	\$ 125.00	Each
T103	C117, D1140		Finer than #200 Wash	\$ 50.00	Each
T104	D422, C136	CT202	Sieve Analysis- Coarse & Fine Including wash	\$ 175.00	Each
T105	D422, C136	CT202	Sieve Analysis- Coarse Aggregate	\$ 135.00	Each
T106	D422, C136	CT202	Sieve Analysis- Fine Including Wash	\$ 135.00	Each
T107	D422	CT203	Particle-Size Distribution - Sieve Analysis + Hydrometer Combined	\$ 250.00	Each
T108	D422	CT203	Hydrometer Analysis only	\$ 150.00	Each
T109	D4318	CT204	Atterberg Limits LL, PL, & PI of Soils	\$ 135.00	Each
T110	D2435		Consolidation (without Time Rate)	\$ 200.00	Each
T111	D2419	CT217	Sand Equivalent Value of Soil and Fine Aggregate (Set of Three)	\$ 120.00	Each Set
T112	C127	CT206	Specific Gravity and Absorption (Coarse Aggregate)	\$ 90.00	Each
T113	C127	CT206	Absorption Only, Coarse Aggregate	\$ 65.00	Each
T114	C128	CT207	Specific Gravity and Absorption (Fine Aggregate)	\$ 160.00	Each
T115	C128	CT207	Absorption Only, Fine Aggregate	\$ 90.00	Each
T116	AASHTO T100	CT209	Specific Gravity (Soil) by Hydrometer (Water Pycnometer)	\$ 140.00	Each
T117	D2216	CT226	Water Moisture Content	\$ 25.00	Each
T118	D3080		Direct Shear (3 Points)	\$ 300.00	Each
T119	D3080		Direct Shear Remolded sample (3 points)	\$ 350.00	Each
T120	D1557-A, B		Maximum Density 4 in. Mold Passing No.4 or 3/8 in. Sieve	\$ 165.00	Each
T121	D1557-C		Maximum Density 6 in. Mold Passing 3/4 in. Sieve	\$ 175.00	Each
T122	D2166	CT221	Unconfined Compressive Strength of Cohesive Soil	\$ 150.00	Each
T123	D2844	CT301	R-Value, Untreated Material (3 Points)	\$ 325.00	Each
T124	D2844	CT301	R-Value, Treated Material	\$ 350.00	Each
T125	D4791	CT235	Flat and Elongated Particles	\$ 230.00	Each
T126	D3744	CT229	Durability Index (fine and coarse) in Aggregate	\$ 250.00	Each
T127	D3744	CT229	Durability Index (fine or coarse) in Aggregate	\$ 160.00	Each
T128	C142		Clay Lumps and Friable Particles in Aggregate	\$ 150.00	Each

SOIL AND AGGREGATE						
CLASSIFICATION & PHYSICAL CHARACTERISITICS						
ID	ASTM	CTM				
T129	C40	CT213	Organic Impurities in Fine Aggregates for Concrete	\$	70.00	Each
T130	D5821	CT205	Percentage of Crushed Particles	\$	180.00	Each
T131	C131	CT211	Los Angeles Rattler Test, (Abrasion up to 1-1/2")	\$	325.00	Each
T132	C535	CT211	Los Angeles Rattler Test, (Abrasion Large-up to 2-1/2")	\$	375.00	Each
T133	C88	CT214	Sodium/Magnesium Sulfate Soundness of Aggregate, 5-cycles	\$	400.00	Each
T134		CT216	Relative Compaction of Soils & Aggregates using California Impact Apparatus	\$	275.00	Each
T135		CT227	Cleanness Value of Coarse Aggregate	\$	190.00	Each
T136	D558		Moisture-Density Relations of Soil-Cement Mixtures	\$	200.00	Each
T137	D1633-A		Compressive Strength of Molded Soil-Cement Cylinders using 4 in. Mold	\$	75.00	Each
T138	D4546		One-Dimensional Swell or Collapse of Soils	\$	150.00	Each
T139			Shelby Tube Cutting, Remolding or Trimming Specimens for testing	\$	30.00	Each
T140	D1883		California Bearing Ratio, Maximum Density test separate charge	\$	950.00	Each
T141	D2435		Consolidation (with time rate for 2 loads)	\$	300.00	Each
CHEMICAL PROPERTIES OF SOILS						
ID		CTM				
T190		CT643	Resistivity	\$	85.00	Each
T191		CT643	pH	\$	50.00	Each
T192		EPA 300.0	Sulfate Content	\$	85.00	Each
T193		EPA 300.0	Chloride Content	\$	85.00	Each
T194		CT643 EPA 300.0 EPA 300.0	Corrosivity Series	\$	280.00	Each
CONCRETE						
ID	ASTM	CTM				
T201	C39	CT521	Compression Tests, 6x12 and/or 4x8 Cylinders, including Holds	\$	38.00	Each
T202	C495		Compression, Lightweight Insulating Concrete	\$	120.00	Each
T203	C42, C39		Concrete Cores Compression Test (excludes sampling)	\$	90.00	Each
T204	C42		Drilling Cores from Shotcrete Panel (Lab)	\$	135.00	Each
T205	C109	C515	Compression, 2"x2"x2" Cube Specimen	\$	60.00	Each
T206	C496		Splitting Tensile Strength 6"x12" Cylinder	\$	130.00	Each
T207	C78	CT523	Flexural Strength Test (6"x6"x21" Beam)	\$	150.00	Each
T208	C157		Drying Shrinkage (Set of 3 bars, 4 readings, up to 90-days)	\$	550.00	Each set
T209	C39		Unit Weight of Concrete Cylinders	\$	50.00	Each
T210			Review Existing Mix Design	\$	100.00	Each
T211			Drilling Cores from Shotcrete Panel (Field)	\$	200.00	Each

MATERIALS TESTING						
ID	ASTM	CTM	UBC			
T301	D2216		7-6	Fireproofing Density Test	\$ 50.00	Each
T302				Mechanically Spliced Reinforcing Tensile Test up to size No.11	\$ 300.00	Each
T303	A416			Pre-Stress Still Strand (7 wire)	\$ 350.00	Each
T304	A615, A706			Reinforcing Tensile or Bend Up to No.8	\$ 75.00	Each
T305	A615, A706			Reinforcing Tensile or Bend No.9 to 11	\$ 100.00	Each
T306	A615, A706			Reinforcing Tensile or Bend No.11 to 14	\$ 225.00	Each
T307	N/A			Welding Procedure Review	\$ 100.00	Each
T308	F606			Anchor Bolts, Studs, or Threaded Rods Tensile Test under 100,000 lbf	\$ 250.00	Each
T309	F606, F3125			Bolt A325 or A490 Wedge Tensile and Hardness up to 3/4"	\$ 150.00	Each
T310	F606, F3125			Bolt A325 or A490 Wedge Tensile up to 1-1/8" in diameter, and Hardness	\$ 225.00	Each
T311	F606, F3125			Bolt A325 or A490 Wedge Tensile up to 1-1/4" in diameter, and Hardness	\$ 225.00	Each
T312	F606, F3125			Bolt A325 or A490 Wedge Tensile up to 1-3/8" in diameter, and Hardness	\$ 235.00	Each
T313	F606, F3125			Bolt A325 or A490 Wedge Tensile up to 1-1/2" in diameter, and Hardness	\$ 250.00	Each
T314	F606, A194			Nut - Hardness and Proof Load under 100,000 lbf	\$ 75.00	Each
T315	F606, A194			Nut- Hardness and Proof Load Test 100,000-120,000 lbf	\$ 75.00	Each
T316	F436			Washer- Hardness	\$ 65.00	Each
HOT MIX ASPHALT TESTING						
ID	ASTM	CTM				
T401	D1561	CT304		Laboratory Test Maximum Density (LTMD), Hveem	\$ 320.00	Each
T402	D1560	CT304, CT366		Stabilometer Value	\$ 375.00	Each
T403		CT305		Stability - Swell	\$ Quote	Each
T404		CT308		Specific Gravity & Density of Core	\$ 90.00	Each
T405	D2041	CT309		Theoretical Maximum Specific Gravity & Density (Rice)	\$ 225.00	Each
T406		CT370		Moisture Content by Microwave Oven	\$ 60.00	Each
T407	D5444	CT202		Sieve Analysis of Extracted Aggregate Sample	\$ 175.00	Each
T408	C136	CT202		Sieve Analysis of Bin Aggregate Sample, each	\$ 75.00	Each
T409	C136	CT202		Sieve Analysis of Combined Aggregate Sample	\$ 225.00	Each
T410	D6307	CT382		Asphalt Content by Ignition Oven (Bitumen Content)	\$ 225.00	Each
T411	D6307	CT382		Asphalt Content by Ignition Oven (Correction Factor)	\$ 350.00	Each
T412	D1188	CT308		Unit Weight – Coated, Molded Specimen or Cores	\$ 80.00	Each
T413	D2726, D6926			Compacted Maximum Density – MARSHALL	\$ 250.00	Each
T414	D2172			Extraction, % Asphalt (Reflux) including wash and solvent charge	\$ 450.00	Each
T415	D2216	CT226		Emulsion Moisture Content by Oven	\$ 50.00	Each
T416	AASHTO T59	CT331		Residue by Evaporation	\$ 225.00	Each
T417	D3910			Wet Track Abrasion Test (WTAT)	\$ 250.00	Each

MASONRY TESTING					
ID	ASTM	UBC			
T501	C140		Compression Test of CMU Block (gross)	\$ 75.00	Each
T502	C140		Absorption & Moisture Content	\$ 75.00	Each
T503	C426		Linear Shrinkage	\$ 275.00	Each
T504	C140		Unit Weight	\$ 70.00	Each
T505	C140		Dimensional Measurements	\$ 50.00	Each
T506	C140		Compression Test of Masonry Core	\$ 100.00	Each
T507	C39, C780	21-16	Compression Test of 2" x 4" Mortar Cylinder	\$ 60.00	Each
T508	C1314	21-17	Compression Test of Composite Prism	\$ 250.00	Each
T509	C1019	21-18	Compression Test of 3" x 3" x 6" Grout	\$ 85.00	Each
T510	CBC 2105A.4		Shear on Masonry Cores, 2 Faces, 6" or 8" Cores	\$ 200.00	Each
T511			Saw Cutting Coupons, or trimming from Masonry Unit	\$ 50.00	Each
T512			GPR Scanning for Reinforcement	\$ Quote	Each
T513			Masonry Wall Coring (per core)	\$ 350.00	Each
T514			Masonry Wall Coring above 5 feet from floor (per core)	\$ 450.00	Each

MINIMUM CHARGES FOR CONSTRUCTION PHASE INSPECTIONS

- All technicians and inspectors are based on a minimum of four (4) hours. Over four hours shall be a minimum of eight (8) hours for all inspectors. If an inspector or technician is scheduled to perform a service and no work is performed, a four (4) hour charge will apply and referred to as a show-up charge.

TRAVEL & MILEAGE

- No travel time and mileage costs for engineering staff and materials/special inspection personnel. Per the regulations of Department of Industrial Relations (DIR-Public Works Manual 2016), for soils technicians performing construction inspection and testing carrying a nuclear gauge device travel time will be charged at contractual rate, from GAI's closest office and for round trip drive time (Portal to Portal).
- For regular/non-prevailing jobs, a round-trip mileage cost equal to \$0.75 per mile, calculated from GAI's office to the project site, will be charged.
- The travel time and mileage fee may be subject to change per the negotiation with the client and written approval.

SCHEDULING & CANCELLATIONS

- A 24-hour notice is required when scheduling an inspection or technician. For same day scheduling and for after 3:00 pm the preceding day, the inspector/technician will be deployed to the site if a technician is available.

PREVAILING WAGE

- Our rates will increase proportionally every July 1 in accordance with the wage listed by the Department of Industrial Relations which is tied to Operating Engineers Local 12 documented annual increases plus corresponding changes in our general administration and overhead expenses. These adjustments shall become agreed upon basis for charges by GAI to Client.

LABORATORY TESTING

- A sample pick-up charge of 2-hour minimum with an hourly rate of \$90 will be billed in addition to the prices quoted.
- Material samples will be discarded after testing, unless notification by Client has been made to GAI's laboratory prior to testing. If Client requires samples be retrieved after testing or stored at GAI's laboratory for an extended duration of time, arrangements can be made at no additional cost to the client.

TERMS OF PAYMENT

- Invoices shall be deemed delinquent if not paid within thirty (30) days from date of invoice and will be subject to an additional charge of 1.5% of the unpaid balance for each month of delay. GAI reserves the right to terminate its services to Client without notice if all invoices are not paid currently. In case of service termination, the entire amount accrued for all services performed shall immediately become due and payable. Client waives any, and all claims against GAI, its subsidiaries, affiliates, servants, and agents, for termination of work pursuant to this paragraph.

MIG Schedule of Fees/Hourly Rates Through 2023

CLASSIFICATION	HOURLY RATE
Principal	\$235
Senior Project Manager	\$205
Project Manager	\$185
Deputy Project Manager	\$130
Landscape Architect	\$175
Irrigation Designer	\$175
Project Associate	\$125
Senior Project Accountant	\$160
Project Assistant	\$125
Project Administration	\$100

Schedule of Fees

Hourly Charges for Personnel

Professional Staff

Principal Engineer/Geologist/Environmental Scientist/Certified Industrial Hygienist	\$ 210
Senior Engineer/Geologist/Environmental Scientist	\$ 200
Senior Project Engineer/Geologist/Environmental Scientist	\$ 195
Project Engineer/Geologist/Environmental Scientist	\$ 185
Senior Staff Engineer/Geologist/Environmental Scientist	\$ 170
Staff Engineer/Geologist/Environmental Scientist	\$ 155
GIS Analyst	\$ 130
Technical Illustrator/CAD Operator	\$ 110

Field Staff

Certified Asbestos/Lead Technician	\$ 195
Field Operations Manager	\$ 130
Nondestructive Examination Technician (UT, MT, LP)	\$ 125
Supervisory Technician	\$ 120
Special Inspector (Concrete, Masonry, Structural Steel, Welding, and Fireproofing)	\$ 115
Senior Technician	\$ 110
Technician	\$ 110

Administrative Staff

Information Specialist	\$ 90
Geotechnical/Environmental/Laboratory Assistant	\$ 95
Data Processor	\$ 75

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
Nuclear Density Gauge	\$ 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.

The terms and conditions are included in Ninyo & Moore's Work Authorization and Agreement form.

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, 2x4 cylinder 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, Gyration 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
Cleaness 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.

OPC 2023 Schedule of Hourly Rates

Management & Implementation

Senior Program Manager / Senior Vice President	\$250.00
Program Manager	\$200.00
Senior Project Manager / Quality Manager	\$165.00
Project Manager / Project Controls Manager	\$150.00
Senior Agent / Senior Analyst / Project Controls Analyst	\$135.00
Agent / Analyst / Senior Land Specialist	\$120.00
Relocation Specialist / Land Specialist	\$105.00

Utility Coordination

Senior Utility Manager	\$200.00
Utility Manager	\$165.00
Senior Utility Coordinator	\$150.00
Utility Coordinator	\$135.00

Right of Way Engineering

Project Engineer (PE)	\$225.00
Survey Manager (PLS)	\$200.00
Senior ROW Engineering / Survey Analyst	\$150.00
GIS / CADD Analyst	\$150.00

Real Estate Appraisal

Appraisal Review Program Manager	\$200.00
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Property Management/Property Services

Property Management Supervisor	\$165.00
Property Manager	\$135.00
Property Services Supervisor	\$135.00
Community Liaison	\$120.00

Project Support/Administrative

Project Controls Manager	\$150.00
Project Controls Analyst	\$135.00
Administrative Assistant	\$90.00

OPC Billing Terms and Conditions

OPC considers local travel/mileage, photocopying, first class postage, telephone, facsimile, and mobile communication charges a normal part of doing business and such costs are included in the stated hourly rates. Out-of-pocket expenses including 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 OPC 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 (2) times the regular hourly rates.

In the event this contract extends twelve (12) months beyond the initial date of execution, 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.

OPC 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.

APPENDIX "B"

CONFLICT OF INTEREST DISCLAIMER

The undersigned, _____, declares that
(Print or Type Name)

_____ does have/does not have (cross one out)
(Name of Firm)

interest, ownership or receives or anticipates receiving remuneration of any type from the manufacturer(s), supplier(s), or distributor(s) which may be recommended on the project, as listed below.

<u>Firm</u>	<u>Product</u>	<u>Remuneration</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Signature of President, Secretary, Partner,
Owner or Representative

Date

APPENDIX "C"

**ACKNOWLEDGMENT OF INSURANCE REQUIREMENTS
AND CERTIFICATION OF ABILITY TO
PROVIDE COVERAGES SPECIFIED**

I, _____, the _____
(President; Secretary; Owner or Representative)

of _____, certify that the
(Company Name or Corporation, or Owner)

Insurance Requirements set forth in Article IV of the Proposed Agreement have been read and understood that our insurance company(ies) _____

(Name(s) of insurance company(ies))

is/are able to provide the coverages specified.

Signature of President, Secretary, Partner,
Owner or Representative

Date