

## **CONSULTANT AGREEMENT**

THIS AGREEMENT is made this \_\_\_\_ day of \_\_\_\_\_, **2018**, by the CITY OF GARDEN GROVE, a municipal corporation, ("CITY"), and **KOA Corporation**, a California Corporation ("CONSULTANT").

### **RECITALS**

The following recitals are a substantive part of this Agreement:

1. This Agreement is entered into pursuant to CITY OF GARDEN GROVE Council Authorization dated **June 26, 2018**.
2. CITY desires to utilize the services of CONSULTANT to provide on-call inspection services for Traffic Signal Modifications at Haster Street /Lampson Avenue, Traffic Signal Modifications at Garden Grove Boulevard/Ninth/Nina Street, Traffic Signal Modifications at Magnolia Street/Orangewood Avenue and Installation of Pedestrian Countdown Signal Heads at 99 Signalized Intersections in accordance with the CONSULTANT's proposal and fee schedule attached hereto as Exhibit "A" and incorporated herein by reference.
3. CONSULTANT is qualified by virtue of experience, training, education and expertise to accomplish services.

### **AGREEMENT**

THE PARTIES MUTUALLY AGREE AS FOLLOWS:

1. **Term of Agreement:** The term of the agreement shall be for a period of one (1) year from full execution of the agreement.
2. **Services to be Provided:** The services to be performed by CONSULTANT shall consist of the services as further specified in CONSULTANT'S proposal attached hereto as Exhibit "A" and incorporated herein by reference. CONSULTANT agrees that its provision of Services under this agreement shall be within accepted accordance with customary and usual practices in CONSULTANT'S profession. By executing this Agreement, CONSULTANT warrants that it has carefully considered how the work should be performed and fully understands the facilities, difficulties, and restrictions attending performance of the work under this agreement.
3. **Compensation.** CONSULTANT shall be compensated as follows:
  - 3.1 **Amount.** CONSULTANT shall be compensated in accordance with the rate schedule set forth in Exhibit "A".

- 3.2 Not to Exceed. The Parties agree that CONSULTANT shall bill for the Services provided by CONSULTANT to City on an hourly basis, except where otherwise set forth herein, provided compensation under this Proposal shall not exceed **\$83,000**. CONSULTANT warrants that all services will be performed in a competent, professional and satisfactory manner in accordance with the standards prevalent in the industry for such services. CONSULTANT shall not be compensated for any services rendered in connection with its performance of this Agreement, which are in addition to those set forth herein, unless such additional services are authorized in advance and in writing by the City Manager. The Proposal and this Agreement do not guarantee any specific amount of work.
- 3.3 Payment. For work under this Agreement, payment shall be made per monthly invoice. For extra work not a part of this Agreement, a written authorization by CITY will be required and payment shall be based on hourly rates as provided in Exhibit "A".
- 3.4 Records of Expenses. CONSULTANT shall keep complete and accurate records of payroll costs, travel and incidental expenses. These records will be made available at reasonable times to CITY.
- 3.5 Termination. CITY and CONSULTANT shall each have the right to terminate this Agreement, without cause, by giving thirty-(30) days written notice of termination to the other party. If CITY terminates the project, then the provisions of paragraph 3 shall apply to that portion of the work completed.

#### 4. **Insurance Requirements**

- 4.1 Commencement of Work CONSULTANT shall not commence work under this Agreement until all certificates and endorsements have been received and approved by the CITY. All insurance required by this Agreement shall contain a Statement of Obligation on the part of the carrier to notify the CITY of any material change, cancellation, or termination at least thirty (30) days in advance.
- 4.2 Workers Compensation Insurance For the duration of this Agreement, CONSULTANT and all subcontractors shall maintain Workers Compensation Insurance in the amount and type required by law, if applicable. The insurer shall waive its rights of subrogation against the CITY, its officers, officials, agents, employees, and volunteers.
- 4.3 Insurance Amounts CONSULTANT shall maintain the following insurance for the duration of this Agreement:
  - a) Commercial general liability in the amount of \$2,000,000 per occurrence; (claims made and modified occurrence policies are not acceptable); Insurance companies must be admitted and

licensed in California and have a Best's Guide Rating of A-, Class VII or better, as approved by the CITY;

- b) Automobile liability in the amount of \$1,000,000 per occurrence; (claims made and modified occurrence policies are not acceptable) Insurance companies must be admitted and licensed in California and have a Best's Guide Rating of A-, Class VII or better, as approved by the CITY.
- c) Professional liability in the amount of \$1,000,000 per occurrence; Insurance companies must be acceptable to CITY and have an AM Best's Guide Rating of A-, Class VII or better, as approved by the CITY. If the policy is written on a "claims made" basis, the policy shall be continued in full force and effect at all times during the term of the agreement, and for a period of three (3) years from the date of the completion of services provided. In the event of termination, cancellation, or material change in the policy, professional/consultant shall obtain continuing insurance coverage for the prior acts or omissions of professional/consultant during the course of performing services under the term of the agreement. The coverage shall be evidenced by either a new policy evidencing no gap in coverage, or by obtaining separate extended "tail" coverage with the present or new carrier.

An Additional Insured Endorsement, **ongoing and completed operations**, for the policy under section 4.3 (a) shall designate CITY, its officers, officials, employees, agents, and volunteers as additional insureds for liability arising out of work or operations performed by or on behalf of the CONSULTANT. CONSULTANT shall provide to CITY proof of insurance and endorsement forms that conform to city's requirements, as approved by the CITY.

An Additional Insured Endorsement for the policy under section 4.3 (b) shall designate CITY, its officers, officials, employees, agents, and volunteers as additional insureds for automobiles owned, lease, hired, or borrowed by CONSULTANT. CONSULTANT shall provide to CITY proof of insurance and endorsement forms that conform to CITY's requirements, as approved by the CITY.

For any claims related to this Agreement, CONSULTANT's insurance coverage shall be primary insurance as respects to CITY, its officers, officials, employees, agents, and volunteers. Any insurance or self-insurance maintained by the CITY, its officers, officials, employees, agents, or volunteers shall be excess of the CONSULTANT's insurance and shall not contribute with it.

*If CONTRACTOR maintains higher insurance limits than the minimums shown above, CONTRACTOR shall provide coverage for the higher insurance limits otherwise maintained by the CONTRACTOR.*

5. **Non-Liability of Officials and Employees of the CITY.** No official or employee of CITY shall be personally liable to CONSULTANT in the event of any default or breach by CITY, or for any amount, which may become due to CONSULTANT.
6. **Non-Discrimination.** CONSULTANT covenants there shall be no discrimination against any person or group due to race, color, creed, religion, sex, marital status, age, handicap, national origin or ancestry, in any activity pursuant to this Agreement.
7. **Independent Contractor.** It is agreed to that CONSULTANT shall act and be an independent contractor and not an agent or employee of CITY, and shall obtain no rights to any benefits which accrue to CITY'S employees.
8. **Compliance With Law.** CONTRACTOR shall comply with all applicable laws, ordinances, codes, and regulations of the federal, state, and local government. CONTRACTOR shall comply with, and shall be responsible for causing all contractors and subcontractors performing any of the work pursuant to this Agreement to comply with, all applicable federal and state labor standards, including, to the extent applicable, the prevailing wage requirements promulgated by the Director of Industrial Relations of the State of California Department of Labor. The City makes no warranty or representation concerning whether any of the work performed pursuant to this Agreement constitutes public works subject to the prevailing wage requirements.
9. **Disclosure of Documents.** All documents or other information developed or received by CONSULTANT are confidential and shall not be disclosed without authorization by CITY, unless disclosure is required by law.
10. **Ownership of Work Product.** All documents or other information developed or received by CONSULTANT shall be the property of CITY. CONSULTANT shall provide CITY with copies of these items upon demand or upon termination of this Agreement.
11. **Conflict of Interest and Reporting.** CONSULTANT shall at all times avoid conflict of interest or appearance of conflict of interest in performance of this Agreement.
12. **Notices.** All notices shall be personally delivered or mailed to the below listed addresses, or to such other addresses as may be designated by written notice. These addresses shall be used for delivery of service of process.

(a) Address of CONSULTANT is as follows:

KOA Corporation  
1100 Corporate Center Drive, Suite 201  
Monterey Park, CA 91754

(b) Address of CITY is as follows (with a copy to):

Engineering:  
Dai Vu  
City of Garden Grove  
11222 Acacia Prkwy  
Garden Grove, CA 92840

City Attorney  
City of Garden Grove  
11222 Acacia Prkwy  
Garden Grove, CA 92840

13. **CONSULTANT'S Proposal.** This Agreement shall include CONSULTANT'S proposal, Exhibit "A" hereto, which shall be incorporated herein. In the event of any inconsistency between the terms of the proposal and this Agreement, this Agreement shall govern.
14. **Licenses, Permits and Fees.** At its sole expense, CONSULTANT shall obtain a **Garden Grove Business License**, all permits and licenses as may be required by this Agreement.
15. **Familiarity With Work.** By executing this Agreement, CONSULTANT warrants that: (1) it has investigated the work to be performed; (2) it has investigated the site of the work and is aware of all conditions there; and (3) it understands the facilities, difficulties and restrictions of the work under this Agreement. Should CONSULTANT discover any latent or unknown conditions materially differing from those inherent in the work or as represented by CITY, it shall immediately inform CITY of this and shall not proceed, except at CONSULTANT'S risk, until written instructions are received from CITY.
16. **Time of Essence.** Time is of the essence in the performance of this Agreement.
17. **Limitations Upon Subcontracting and Assignment.** The experience, knowledge, capability and reputation of CONSULTANT, its principals and employees were a substantial inducement for CITY to enter into this Agreement. CONSULTANT shall not contract with any other entity to perform the services required without written approval of the CITY. This Agreement may not be assigned voluntarily or by operation of law, without the prior written approval of CITY. If CONSULTANT is permitted to subcontract any part of this Agreement, CONSULTANT shall be responsible to CITY for the acts and omissions of its subcontractor as it is for persons directly employed. Nothing contained in this Agreement shall create any contractual relationship between any subcontractor and CITY. All persons engaged in the work will be considered employees of CONSULTANT. CITY will deal directly with and will make all payments to CONSULTANT.
18. **Authority to Execute.** The persons executing this Agreement on behalf of the parties warrant that they are duly authorized to execute this Agreement and that by executing this Agreement, the parties are formally bound.
19. **Indemnification.** To the fullest extent permitted by law, CONSULTANT agrees to protect, defend, and hold harmless CITY and its elective or appointive

boards, officers, agents, and employees from any and all claims, liabilities, expenses, or damages of any nature, including attorneys' fees, for injury or death of any person, or damages of any nature, including interference with use of property, arising out of, or in any way connected with the negligence, recklessness and/or intentional wrongful conduct of CONSULTANT, CONSULTANT'S agents, officers, employees, subcontractors, or independent contractors hired by CONSULTANT in the performance of the Agreement. The only exception to CONSULTANT'S responsibility to protect, defend, and hold harmless CITY, is due to the negligence, recklessness and/or wrongful conduct of CITY, or any of its elective or appointive boards, officers, agents, or employees.

This hold harmless agreement shall apply to all liability regardless of whether any insurance policies are applicable. The policy limits do not act as a limitation upon the amount of indemnification to be provided by CONSULTANT.

20. **Modification.** This Agreement constitutes the entire agreement between the parties and supersedes any previous agreements, oral or written. This Agreement may be modified only by subsequent mutual written agreement executed by CITY and CONSULTANT.
21. **Waiver.** All waivers of the provisions of this Agreement must be in writing by the appropriate authorities of the CITY and CONSULTANT.
22. **California Law.** This Agreement shall be construed in accordance with the laws of the State of California. Any action commenced about this Agreement shall be filed in the central branch of the Orange County Superior Court.
23. **Interpretation.** This Agreement shall be interpreted as though prepared by both parties
24. **Preservation of Agreement.** Should any provision of this Agreement be found invalid or unenforceable, the decision shall affect only the provision interpreted, and all remaining provisions shall remain enforceable.
25. **Federal-Aid Contract Provisions.** Federal-aid contract provisions, attached hereto as Exhibit "B", shall be incorporated as part of this contract.
26. **Disadvantage Business Enterprises (DBE) Participation.** The goal for DBE participation for this contract is 12%. Participation by DBE sub-consultants shall be in accordance with the information contained in the Consultant Contract DBE Commitment forms attached hereto as Exhibit "C".

*[SIGNATURES ON FOLLOWING PAGE]*

**IN WITNESS THEREOF**, these parties hereto have caused this Agreement to be executed as of the date set forth opposite the respective signatures.

**"CITY"  
CITY OF GARDEN GROVE**


Dated: \_\_\_\_\_, 2018

By: \_\_\_\_\_  
City Manager

**ATTEST**

**"CONSULTANT"  
KOA Corporation**

\_\_\_\_\_  
City Clerk

By:   
Title: Deputy CEO

Dated: \_\_\_\_\_, 2018

Dated: June 5th, 2018

**APPROVED AS TO FORM:**

If CONSULTANT/CONTRACTOR is a corporation, a Corporate Resolution and/or Corporate Seal is required. If a partnership, Statement of Partnership must be submitted to CITY

  
Garden Grove City Attorney

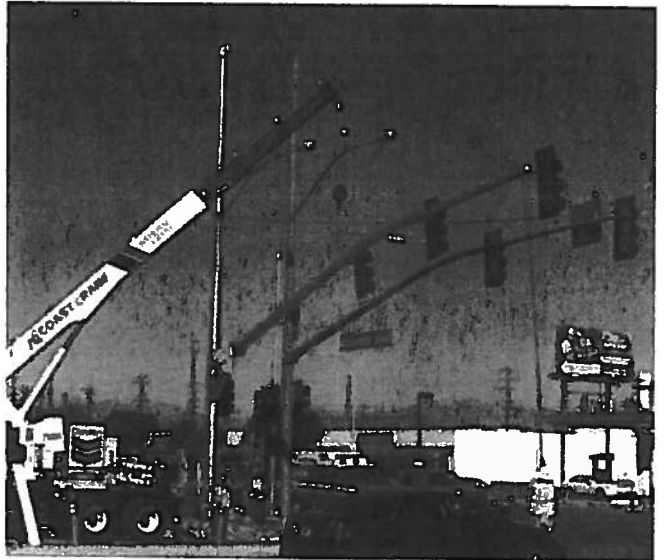
Dated: 5-23, 2018

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**EXHIBIT "A"**  
**CONSULTANT'S PROPOSAL AND FEE SCHEDULE**

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PROPOSAL FOR  
**ON-CALL CONSTRUCTION  
INSPECTION SERVICES**  
TRAFFIC SIGNAL MODIFICATIONS AND  
PEDESTRIAN COUNTDOWN SIGNAL HEADS  
AT VARIOUS LOCATIONS PROJECT

CITY OF GARDEN GROVE PUBLIC WORKS DEPARTMENT



MAY 7, 2018



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### PART 2: FEE PROPOSAL

Please note the Fee Proposal has been submitted in a separate, sealed envelope marked Fee Proposal, as stipulated in the RFP.

2141 WEST ORANGETHORPE AVENUE, SUITE A ORANGE CA 92868  
T: 714.573.0317 F: 323.260.4705 www.koacorp.com  
MONTEREY PARK ORANGE ONTARIO SAN DIEGO



**TO**

**Attn.: Mr. Dai Vu**  
City Traffic Engineer  
City of Garden Grove  
Public Works Department  
11222 Acacia Parkway  
Garden Grove CA 92840

**FROM**

Mr. Chuck Stephan, PE  
Project manager  
[cstephan@koacorp.com](mailto:cstephan@koacorp.com)  
T: 310.525.0678  
F: 323.260.4705

**RFP**

**On-Call Inspection Services for  
Traffic Signal Modifications and  
Pedestrian Countdown Signal Heads  
at Various Locations Project**

**DATE**

May 7, 2018

Dear Mr. Vu:

KOA, AESCO, and The Alliance Group Consulting, have teamed to propose on the On-Call Inspection Services requested. Our team will provide the City of Garden Grove with a deep field of professionals with broad experience in the disciplines required to successfully complete this project. The KOA team is the right *federal-aid project* Construction Inspector to meet the City's objectives, and complete the project cost effectively.

KOA is a 100+ person professional Planning and Engineering services firm working from four offices in the counties of Orange, Los Angeles, San Diego, and San Bernardino. Construction Management is a separate division within KOA, which provides project management, construction management, and inspection services for many public works agencies in Southern California. With 30 years of specialization in CM and inspection, almost exclusively for public agencies, KOA is more than capable of meeting your project needs. KOA can meet and exceed your goals of completing the project on time, within budget, while minimizing the impact to residents and businesses.

AESCO will provide material testing services. The Alliance Group will provide special inspection services. Both firms are DBE Certified.

I, Chuck Stephan, PE, Vice President, will be the designated Principal in Charge for this project. I may be contacted at [cstephan@koacorp.com](mailto:cstephan@koacorp.com), or 310.525.0678 cell.

Sincerely,  
KOA Corporation

A handwritten signature in black ink, appearing to be 'C Stephan'.

Chuck Stephan, PE, LEED AP  
Vice President I Director of CM Division  
1100 Corporate Center Drive, Suite 201  
Monterey Park CA 91754



## SECTION 1: INTRODUCTION

**F**ounded in 1987, KOA is a leading provider in construction management, traffic engineering, and transportation planning services for public agencies and private sector clients. We offer our clients technical knowledge, innovative solutions and responsive services. The hallmark of our success is our dedication to each and every project and our desire to leave a legacy of extraordinary contributions to our communities. Our staff includes project/construction managers, construction inspectors, certified transportation planners and registered civil and traffic engineers. With four offices located in Southern California, KOA has provided engineering services for some of the largest public works and transportation planning projects throughout California, including many traffic signal construction and federal-aid projects.

## SECTION 1: INTRODUCTION

### OUR COMMITMENT AND DEDICATION

KOA is committed to providing our construction inspection services to the City of Garden Grove. We will dedicate the necessary resources to complete this assignment on-time and within budget. Be assured that our key personnel will be assigned to each project for its duration and will not be removed or replaced by us without concurrence from the City. We maintain close attention to our clients by tracking our contract budgets and schedules on a weekly basis. We also maintain a 6-month look-ahead by project and personnel in order to proactively identify resource needs and availability.

### CONSTRUCTION MANAGEMENT

KOA has been providing Construction and Project Management Services for many types of public works projects for 30 years. Our Construction Managers/ Project Managers/ Inspectors have experience in managing new and refurbishment building projects, municipal water systems, sewers, utilities, electrical construction, bridges, highways, heavy civil projects, roadways, transportation projects, and rail. KOA's construction managers apply many years of experience on Caltrans, municipal, utility and private construction projects. Our team allows you access to some of the most practical Construction Managers and Technicians available. KOA provides all parties with up-to-the-minute information, and is sensitive to the special needs of your community. KOA also provides construction observation services for many types of projects. Our construction inspectors also bring many years of accrued skills in dealing with contractors and keeping the projects on track for timely completion.

### CONSTRUCTION INSPECTION AND OBSERVATION

KOA provides construction inspection and observation services for many types of projects. KOA construction observers have experience with bridges, highways, heavy civil projects, roadways, utilities, traffic signals, transportation projects, rail, wharf and port facilities, federally funded projects, and virtually any other type of municipal or public projects. Our construction inspectors bring many years of accrued skills in dealing with contractors and keeping the projects on track for timely completion.

### TYPES OF SERVICES

#### **Construction Management**

Civil Engineering  
Traffic Engineering Transportation  
Planning Active Transportation  
Highway & Transportation Design  
Program Management

### YEAR FOUNDED

1987

### FORM OF THE ORGANIZATION

S Corporation

### LOCATION OF OFFICES

Monterey Park Orange Ontario  
San Diego

### PROJECT OFFICE LOCATION

KOA CM Division  
2141 W. Orangethorpe Ave, Ste A  
Orange, CA 92868  
Tel: 714.573.0317  
Fax: 323.260.4705

### MAIN CONTACT

Chuck Stephan, PE  
Construction/Project Manager  
Principal Engineer  
Cell: 310.525.0678  
Ofc: 714.573.0317  
[cstephan@koacorp.com](mailto:cstephan@koacorp.com)

## SECTION 2: ORGANIZATIONAL CHART



**GARDEN GROVE**

**PROJECT MANAGER**

**Chuck Stephan, P.E.**  
Vice President  
Director of CM Division

**CONSTRUCTION MANAGER**

**Scott Voigt**  
Construction Manager

**SPECIAL INSPECTION**

**Michael Tran**  
The Alliance Group  
(DBE Certified)

**CONSTRUCTION INSPECTOR**

**Tom Clark**  
**Doug Ramos**  
**Keith Laster**  
**Cris Cole**  
**Ryan Calad, TE**

**MATERIAL TESTING**

**AESCO**  
(DBE Certified)



### SECTION 3: EXECUTIVE SUMMARY

KOA, AESCO, and The Alliance Group Consulting, have teamed to propose on the construction inspection, material testing, and special inspection for this project. Our team will provide the City of Garden Grove with a deep field of professionals with broad experience in the disciplines required to successfully complete this project. The KOA team is the right Construction Inspection Consultant to meet the City's objectives, manage and construct the project efficiently and complete the project cost effectively.

KOA has a complete Construction Management division of dedicated professionals, who provide only Construction Management and Inspection services, and have been doing so for 30 years. We have developed procedures and techniques to address virtually every issue that is encountered in the management of construction contracts and contractors.

KOA's principal in charge is Mr. Chuck Stephan, PE. Chuck Stephan has successfully managed contracts for Public Agencies for the past 28 years. The strongest evidence of our success is our repeat business received from the public agencies year after year.

The team will be led by Chuck Stephan, KOA's local Construction and Project Manager, and Director of KOA's CM Division. He will be the principal point of contact for the City for this assignment. Mr. Scott Voigt will be the Construction Manager. Scott has 18 years of design and construction experience, specializing in traffic signal and intersection projects.

KOA has several inspectors currently available for this assignment. Depending on the start of construction and labor requirements, we will assign our most relevant inspection staff to the project. We have included resumes for our anticipated inspection staff herein.

AESCO will provide geotechnical engineering and laboratory resources as OPTIONAL material testing services. Specifically, AESCO will provide for Portland cement concrete (PCC) sampling and strength tests. AESCO may also provide for aggregate sampling, segregation, and compaction testing, as well as any other material or site testing required. AESCO is a DBE Certified firm.

The Alliance Group Consulting (TAGC) will provide for additional special inspection services as may be needed for the project, and specifically rebar and concrete placement. TAGC is a SBE/DBE/MBE/DGS Certified firm.

To round out the team, our contract compliance professionals will ensure that your project is handled professionally and completed per contract in accordance with federal-aid requirements.



## SECTION 4: FIRM PROFILE

### **KOA CORPORATION**

Founded in 1987, KOA Corporation (KOA) is one of the leading construction management, engineering design, and transportation planning and design firms in California. KOA provides consulting services to both public and private sectors, and has four offices to serve our California clients. Our staff includes skilled construction and project managers, registered civil and traffic engineers, and certified transportation planners. KOA has provided engineering services for many of the largest public works and transportation planning projects in California.

KOA specializes in all aspects of construction and project management, construction inspection, and transportation engineering including, buildings, parks, pipelines, roadways, highways, interchanges, corridor planning, street drainage, hydrology, traffic studies and 3-D modeling. KOA is committed to working with agencies and communities to enhance the quality of Southern California living. KOA is a California Corporation, a regional firm, based and working primarily in California.

### **FINANCIAL CONDITION/LITIGATION**

KOA Corporation has a strong financial history and a positive financial outlook. The firm is in excellent financial condition and has no bankruptcies, pending litigations, planned office closures, or pending mergers. We have no prior or ongoing contract failures, civil or criminal litigations, bankruptcies, or investigations pending in which KOA has been judged guilty or liable in the past five years.

Our accounts receivable are well in excess of our operating line of credit. KOA has insurance coverage in the following areas: Commercial General Liability (\$5 million), Automobile Liability (\$1 million), Professional Liability (\$5 million). Our Worker's Compensation coverage meets the insurance requirements of California State law (\$1 million).

### **LOCAL PRESENCE AND KNOWLEDGE**

KOA has been working on construction projects in southern California for 30 years, and has been providing successful construction management and inspection services on various water, sewer, street improvement, freeway, bridge, landscape, and facility projects for various Cities during that time. We have a strong working relationship with members of your staff and understand your expectations for these projects. Our local office is in Orange just off the 57 freeway.

### **KOA FIRM QUALIFICATIONS AND CAPABILITIES**

KOA Corporation (KOA) has been in business since 1987 and was formerly known as Katz, Okitsu & Associates. In 2009, KOA completed the purchase of CBM Consulting, a construction management and engineering firm which is now fully integrated into KOA. KOA employees currently hold Civil Engineering, Traffic Engineering, and General Contractor's Licenses, C-27 Licenses, and a C-46 Solar License, and QSD/QSP Certifications. KOA's experience in working with various Government Agencies includes scores of Local Southern California Municipalities; CDBG projects; Caltrans STPL projects; Federal Grant projects; Caltrans ARRA projects; ATP, as well as locally funded projects





For the past 30 years, KOA has specialized in providing professional construction management and inspection, civil engineering, design, planning, active transportation planning, traffic engineering, and traffic calming services to cities and agencies in Los Angeles, Orange, San Bernardino, Riverside and San Diego Counties. Approximately 40% of our business is in providing construction management and inspection, civil design, and engineering for agencies and municipal capital improvement projects.

KOA's construction managers and inspectors apply many years of experience on Caltrans, municipal, utility, and private construction projects. KOA has provided Construction Management and Inspection services for numerous traffic signal, sewer, lift stations, water, wastewater, underground storage, street improvement, streetscape, and other infrastructure projects funded through local, county, Grants, Gas Tax, Measure M, federal-aid, SR2S, SRTS, STPL, ISTEPA, and other sources. KOA's construction managers and inspectors have recently and/or are currently providing these services for the Cities of Anaheim, Brea, Irvine, Redondo Beach, Glendora, Corona, Torrance, Chino, Placentia, La Mirada, Ontario Municipal Utilities District, RCTD, El Monte, South El Monte, Downey, and the WMWD, among others.

KOA expedites timely completion of the project and proactively works with the Contractor, the Agency, City, the building department, and other entities having jurisdiction, the design team, and other project stakeholders. KOA's proactive approach identifies the clients' needs in order to identify potential project impacts early and define workable alternatives that will minimize or eliminate any negative impacts to the project's budget, schedule and quality. We manage projects through conceptual design, pre-construction, construction, and post-construction, providing experienced and professional designers, engineers, construction managers, inspectors, and SWPPP-certified QSP and QSD professionals.

KOA's recent projects have included bridge, local and arterial pavement rehabilitation; street and intersection widening; bike and pedestrian facilities; traffic signal upgrades; ADA compliance; curb, gutter, and sidewalk replacement; water, wastewater, and storm drain pipelines; treatment facilities; pump stations; sewer and storm drain construction; parks; buildings and facilities; skate parks; emergency operations center; fire stations; utility vaults and infrastructure; and water reservoir projects.



## **AESCO**

AESCO, a local southern California geotechnical engineering company, provide geotechnical services, material testing, Quality Assurance implementation, special inspection, environmental site assessments, and related services for public sector clients throughout the region.

AESCO has been retained as the civil, testing/inspection and geotechnical engineering firm for local governmental and municipal agencies, school districts, commercial developers, and private homeowners. Clients have included the City of Los Angeles Department of Water and Power, the City of Costa Mesa, the City of Inglewood, the City of Long Beach Water Department, the City of Diamond Bar, the City of Lakewood, the City of Huntington Beach, the City of Lynwood, the City of Riverside, the City of Buena Park, Metropolitan Transit Authority (MTA), Orange County Transportation Authority, New Century BMW dealership, Gold's Gym, Cingular Wireless, Sprint PCS, T-Mobile, Nextel, AT&T and Verizon Wireless, Honda/Acura dealership, Alhambra School District, Long Beach Community College District, Mountain View School District, and Covina Unified School District.

### **FINANCIAL CONDITION**

AESCO has a strong financial base, and has never experienced any bankruptcy, pending litigation, office closure, nor has any impending merger in the near future. AESCO is able to complete projects within the established schedule, and does not add on additional work without prior authorization.

### **TYPES OF SERVICES**

Geotechnical Engineering  
Construction Materials Testing and Inspection  
Environmental Monitoring  
Environmental Site Assessment

### **CERTIFICATIONS**

AESCO is a DBE certified firm  
DBE #35370

### **LOCATION OF OFFICE**

Huntington Beach

### **PROJECT OFFICE LOCATION**

17782 Georgetown Lane  
Huntington Beach CA 92647  
Tel: (714) 375-3830

### **MAIN CONTACT**

Adam Chamaa, PE, GE  
Engineering Manager  
Tel: (714) 375-3830



**AESCO** is a woman-owned corporation (incorporated in California) and has been in operation since 1993, a total of 25 years. AESCO is headquartered at 17782 Georgetown Lane, Huntington Beach, California 92647 and we currently have thirty employees with 4 registered engineers. AESCO is **SBE, DBE/UDBE, WBE, and CBE** certified. AESCO's laboratory is certified by DSA, Caltrans and City of Los Angeles. AESCO has been involved in a number of projects involving QA/QC construction materials testing and inspection and geotechnical engineering for various clients including the VA Hospital, US Naval Command, US Army Reserve, the Cities of Los Angeles, Costa Mesa, Inglewood, Long Beach, Diamond Bar, Lakewood, Huntington Beach, Lynwood, Riverside, Buena Park, Irvine, Santa Ana, the Los Angeles Unified School District, Alhambra School District, SANBAG, Caltrans, Los Angeles Metropolitan Transit Authority (MTA), and the Orange County Transportation Authority (OCTA).

Mr. Adam Chamaa, P.E., G.E., Engineering Manager, will be the point of contact for this project. He can be contacted at 714-375-3830, 17782 Georgetown Lane, Huntington Beach, CA 92647, [adam.chamaa@aescotech.com](mailto:adam.chamaa@aescotech.com).

## **SERVICES**

### **Geotechnical Engineering Capabilities**

AESCO's geotechnical investigations have included: foundation and pavement design, settlement problems, compaction monitoring and testing, shallow and deepened foundations, pressure injected footings, earth retaining structures, landslide analysis and control, expansive/collapsing soils, underpinning and special foundations, construction dewatering and drainage, pipelines and utilities, liquefaction analyses, and fault evaluation. Laboratory testing is performed using ASTM, AASHTO, and other applicable specifications and guidelines.

### **Construction Materials Testing and Inspection Services**

AESCO operates a construction materials engineering (CME) laboratory in Huntington Beach, California, and is capable of performing in-house or on-site testing and inspection services. AESCO also regularly tests and inspects brick, granite, stone masonry, mortar, reinforcing steel, and manufactured elements such as pre-stressed beams and pre-cast panels. Engineering consultation and inspection services are available for each phase of construction including: Aggregate Evaluation, Concrete Mixtures-Design, Inspection, and Testing, Bituminous Materials Testing, Refractory Testing, Roof Inspection and Testing, Soils Compaction and Stabilization Tests and Inspection, Structural Steel Fabrication and Erection Inspection, Qualification of Welders and Procedures, Welding Inspection, and Rebar Inspection. AESCO provides full grading inspection services during construction.

### **Mobile Laboratory**

To expedite site grading, AESCO can set up a portable laboratory on site, capable of performing most of the essential tests that may be required. AESCO operates a fully functioning, self-sufficient mobile laboratory which can provide immediate and reliable test results for any project.

### **Environmental Engineering Capabilities**

AESCO can provide a full range of Environmental Engineering services that are vertically integrated to deliver a complete "turnkey" package including: Phase I-Initial Environmental Site Assessment (ESA), the



Phase II-Investigation, Phase III-Remediation and Mitigation Design, and Final Close Out Report. In addition, AESCO provides a range of Regulatory Compliance services. AESCO also provides regulatory compliance and guidance associated with UST programs, potable water systems and methane and soil-vapor monitoring.

AESCO has NEVER had any OSHA citations. AESCO has never had any outstanding or pending complaints through the Better Business Bureau, State of California Department of Consumer Affairs.

AESCO has a strong financial base, and has never experienced any bankruptcy, pending litigation, office closure, nor has any impending merger in the near future. AESCO is able to complete projects within the established schedule, and does not add on additional work without prior authorization.



## THE ALLIANCE GROUP CONSULTING

### THE ALLIANCE GROUP CONSULTING

#### Company Information and Contact Details

- Business Name: The Alliance Group Enterprise, Inc
- Business Address: 3699 Wilshire Boulevard, Ste 1240, Los Angeles, CA 90010
- Website: [www.TAGCcorp.com](http://www.TAGCcorp.com)
- Phone: 323.609.6100 Fax: 323.609.6101
- Total number of Employees: 10

#### Management

- Andy Duong, PE, President and Chief Executive Officer  
[Andy.Duong@TAGCcorp.com](mailto:Andy.Duong@TAGCcorp.com)  
213.505.0295
- Ray Wang, PE, LEED AP, Vice President and Chief Operation Officer  
[Ray.Wang@TAGCcorp.com](mailto:Ray.Wang@TAGCcorp.com)  
213.505.4324

#### Company Overview

The Alliance Group Enterprise, INC (dba The Alliance Group Consulting (TAGC)) is a California based transportation engineering firm established in 2014 and is certified as a SBE/DBE/MBE/DGS firm. TAGC has significant experience working with agencies and organizations such as Caltrans, FHWA, FTA, County of Los Angeles, City of Los Angeles, City of Long Beach along with railroads such as Union Pacific Rail Road (UPRR), Burlington Northern Santa Fe (BNSF) and Pacific Harbor Line (PHL) as well as many large and small local agencies such as Los Angeles Metro, Orange County Transportation Authority (OCTA) and several utilities including Southern California Edison (SCE), Southern California Gas (SCG), Time Warner Cable (TWC), Tesoro, ChemOil, Chevron, etc...

#### Company Services

- Project/Program Management
- Construction Management/ Inspection
- Project Controls-Cost Estimating & Scheduling
- Preliminary Engineering & PS&E
- Highway/Roadway & Rail Design
- Hydrology & Hydraulic Studies/ Water Quality/ Drainage Design
- Utility Investigations, Design & Coordination
- Traffic Engineering & Street Light Design
- Third Party Coordination & Permitting Support Services



## SECTION 5: STAFFING PLAN AND QUALIFICATIONS

CHUCK STEPHAN, PE, LEED® AP  
PRINCIPAL-IN-CHARGE / PRINCIPAL ENGINEER / PROJECT MANAGER

Mr. Stephan has 34 years of experience in civil engineering design and project management on projects for many municipalities and private firms. He has diverse project experience in planning, design, management, and construction of transportation, educational, institutional, industrial, aerospace, municipal, residential and commercial projects. Mr. Stephan works in multiple capacities as Principal-In-Charge, project manager, project engineer, lead engineer, design engineer, and construction engineer in both the civil and construction management disciplines.

### RELEVANT EXPERIENCE

- Los Angeles River Bikeway Feasibility Study, Los Angeles County Metropolitan Transportation Authority (Metro), Los Angeles, CA
- Engineering Services, Program Management, Project Management, Design, and Construction Management, La Habra, CA
- Transit Mall Improvements, Long Beach, CA
- 190th Street Reconstruction Project, Torrance, CA
- City of Los Angeles Warner Center Transit Hub, Los Angeles, CA
- Off-Site Pedestrian and Traffic Improvements, Culver City Redevelopment Agency, Culver City, CA
- Lambert Rd/Hacienda Rd Rehabilitation and Waterline Replacement Project, La Habra, CA

### EDUCATION

BS, Agricultural Engineering, California Polytechnic State University, San Luis Obispo, CA (1982)

### REGISTRATIONS

Professional Engineer (Civil), CA #C50481 (1993)

Professional Engineer (Civil), OR #1872PE (1995)

Professional Engineer (Civil), HI #PE-8432(CE) (1996)

LEED® Accredited Professional (2007)

SCOTT VOIGT  
CONSTRUCTION MANAGER

Mr. Voigt has 18 years of Public Works and Capital Improvement Project design, construction management, construction support, and inspection experience.

### RELEVANT EXPERIENCE

- City of Palm Springs Ramon Road Bridge Widening PS&E (Federal-aid)
- City of Palm Springs Vista Chino PS&E (Federal-aid)
- OCTA Rose Drive/Tustin Avenue Grade Separation, Placentia/Anaheim, CA
- City of La Mirada Imperial Highway Signal Upgrades Project PS&E
- City of La Mirada La Mirada Boulevard Signal Upgrades Project PS&E
- City of Anaheim Various Citywide Traffic Signal Designs
- Port of Long Beach South Water Front/Pier J Bike/Pedestrian Path (Federal-aid)

### EDUCATION

BS Coursework, Construction Management, ITT Technical Institute, Orange (projected 2017 graduation prior to school closure)  
AS, Drafting, ITT Technical Institute, San Diego (2002)

### CERTIFICATIONS

Autodesk Update  
MUTCD Workshop

### KEY QUALIFICATIONS

Civil Design  
Construction Management  
Construction Support  
Computer-aided Drafting  
Drafting  
Utility and Railroad Coordination  
Signal Synchronization  
AutoCAD



LEA REIS, PE  
CONSTRUCTION/ PROJECT MANAGER

Ms. Reis has been working on a variety of projects in the City of Rancho Palos Verdes, Long Beach and Anaheim since joining KOA in 2016, which have included: street rehabilitation; building upgrades; CIPP storm drain lining; ADA compliance; and Park projects. She worked in the City of Torrance Engineering Department for the previous 16-years, where she gained extensive experience on a variety of different public works projects. Her duties ranged from planning and design to advertising projects for bid, developing budgets, managing construction, contract execution and completion. Her supervision experience includes delegating work to Assistant Engineers, college and high school interns, working with the city inspector and contractors to keep track of construction progress, and keeping track of certified payroll, as well as daily and weekly statements. She also has experience with HTML Programming, GIS, AutoCAD, ESRI ArcMap, Microsoft Suite, and Microsoft Projects.

- Brookhurst Street Improvement Project - Anaheim, CA
- Annual Pavement Rehabilitation and Sidewalk Repairs- Rancho Palos Verdes, CA
- Lower Hesse Park- Rancho Palos Verdes, CA
- Eastview Park, Dog Park and Park Improvement- Rancho Palos Verdes, CA

EDUCATION  
MS, Business Administration,  
New York Institute of Technology, New  
York, NY

BS, Aerospace Engineering, University of  
Southern California, Los Angeles, CA

REGISTRATIONS/  
CERTIFICATIONS  
Professional Engineer (Civil), CA #85395

YEAR ENTERED PROFESSION  
1999

CRISPEN COLE, QSP  
SENIOR CONSTRUCTION INSPECTOR / FIELD INSPECTOR

Mr. Cole has more than 40 years of varied construction and construction inspection experience including bridges, rail, piers, marinas, public facilities, water, sewer, and storm drain lines, and streets and sidewalks. Mr. Cole has performed numerous inspection services with our firm for streets and sidewalks, and water and sewer. In addition, he is our key inspector for bridge, rail and pier projects. Mr. Cole is certified as Competent Person Underground and familiar with pipe-fitting standards.

RELEVANT EXPERIENCE

- Valley Drive & Aviation Blvd, Manhattan Beach, Inspector
- Street Rehabilitation and Water System Imp Project, Monterey Park
- Crenshaw Blvd, Torrance, Inspector
- West Lake Village, Potrero Creek Bridge Project, Thousand Oaks
- Ballona Creek Bridge Project, Culver City, Inspector
- Alta Vista Retaining Walls and Slope Stabilization, Laguna Beach
- Anita Street Storm Drain, Laguna Beach
- Jessen Drive Bridge, La Canada

EDUCATION  
American University in Beirut

AA, Business Administration, Northern  
Arizona University (1975)

REGISTRATIONS  
Qualified SWPPP Practitioner (QSP)  
#22536

Certified Erosion, Sediment and Storm  
Water Inspector (CESSWI) #2602

Competent Person Underground  
Certified

YEAR ENTERED PROFESSION  
1971

YEAR STARTED WITH FIRM  
2008



DOUG RAMOS  
CONSTRUCTION INSPECTOR

PROFESSIONAL EXPERIENCE

Mr. Ramos has over 30 years of experience in public works construction, traffic systems communications, inspection and oversight on various traffic signals, CCTV, CMS, Fiber Optic, and all communications and pertinent devices. He worked for the City of Anaheim as an IMSA Level III as a systems technician and inspector for nearly his whole career. He has overseen small to large City Traffic Signal Improvement projects, inspections, maintenance and oversight of closed circuit camera systems, fiber optic cable installations, and various other signal synchronization and electrical projects throughout the City in his career. He has also worked with various entities and stakeholders such as Disneyland and Disney California Adventures as a supervisor overseeing the traffic signals and fiber optic installations.

- City of Anaheim, IMSA Level III
- City of Anaheim, Traffic Systems Communications

EDUCATION

Cypress Junior College, 2 years of junior college

CERTIFICATIONS

Level I, II and III, IMSA Traffic Signal Technician  
Level I IMSA Traffic Signal Inspector  
Corning fiber optic certification training  
Iteris and Econolite video detection training

KEITH LASTER  
CONSTRUCTION INSPECTOR / TRAFFIC SIGNALS

PROFESSIONAL EXPERIENCE

Mr. Laster has over 25 years of inspections experience in the private and public sector with an extensive knowledge in supervising inspections, construction/project management and area supervision. He has strong communications and people skills that compliment his ability to mentor and coach others, he has a positive attitude and enjoys learning. He has inspected many traffic signal installations, repairs and rehabilitations, street improvements, concrete removals and replacements, median and landscape improvements, street light systems, traffic control, SWPPP compliance and all other areas of construction. His core values include having a good work ethic, being positive and caring, and doing what is right. His written and oral communication, organization skills and follow through are personal strengths that add value to his work.

- City of Anaheim
- Willdan & Associates
- City of Norwalk

EDUCATION:

Rancho Santiago College  
Coursework 8  
Construction Inspections  
Courses

CERTIFICATIONS

IMSA Level I and II  
U.S. Naval Electricians  
Certification Class Certified in  
Concrete Testing  
Competent  
Person training  
SWPPP, BMP's  
Training





## AESCO

### **Adam Chamaa**

#### **Engineering Manager, M.S.C.E., P.E., G.E.**

Registered civil and geotechnical engineer with over 25 years of experience as geotechnical engineer and quality control/quality assurance (QC/QA) manager. Responsible for QC/QA engineering for new construction, foundations, sewer installations, roadway surfaces during and after installation, design of de-watering systems, pump stations, and assessment of soil-related environmental contamination. Provided geotechnical design recommendations for new construction for municipal, governmental and commercial projects throughout California.

### **Russell Scharlin**

#### **Senior Geotechnical Engineer/Quality Control Manager, P.E., G.E.**

Russell Scharlin is a senior geotechnical engineer with over 30 years of experience in civil and geotechnical engineering. Primary responsibilities include performing all aspects of construction management, geotechnical engineering and environmental studies. Mr. Scharlin has provided design and construction management services related to pavements and foundations for numerous structures, bridges, pump stations, freeways, tanks, communication towers and other structures.

### **Amer Hazboon**

#### **Senior Engineer, P.E.**

Mr. Hazboon has 21 years of professional experience specializing in environmental remediation, feasibility testing and design. He has extensive experience in developing remedial programs for hazardous soil and groundwater, providing design-build services, providing necessary reporting for regulatory compliance, performed methane mitigation and inspection services, and California UST Operator Inspection services. Mr. Hazboon has also served as the Health and Safety officer on numerous projects. Mr. Hazboon's has experience with a wide range of water, wastewater, and storm water management projects, including water quality assessments; water resources development, treatment, and distribution; and wastewater collection, conveyance, treatment, and disposal/reuse including "grey water" system design and construction.

#### *Education:*

*M.S. Civil Engineering, Geotechnical and Highway Design; Louisiana Technical University, Ruston, LA, 1985.*

*B.S., Civil Engineering, Louisiana Technical University, Ruston, Louisiana, 1982*

#### *Registrations:*

*California No. C53992 (Civil)*

*California No. C2784 (Geotechnical)*

*Nevada No. 022245 (Civil)*

#### *Education:*

*M.S., Civil Engineering (Geotechnical), University of California at Davis*

*B.S., Civil Engineering, University of California at Davis*

*40-hour Health and Safety Training*

#### *Registrations:*

*Geotechnical Engineer, State of California*

*Civil Engineer, State of California*

#### *Education:*

*M.B.A., University of Phoenix, Costa Mesa, CA*

*B.S., Civil Engineering, California Polytechnic University, Pomona, CA*

*40-hour Health and Safety Training*

#### *Registrations:*

*Civil Engineer, State of California*

#### *Certifications:*

*Registered Deputy Inspector for the City of Los Angeles, Methane Mitigation Systems*

*ICC Certified*

*California UST System Operator*

*Certified Liquid Boot Inspector*

*Certified Tremco Barrier Inspector*

*Hazardous Waste Operations and*

*Emergency Response*

*(HAZWOPER) 40 HR Training*



**Giovanni Mikhael**  
**Inspector**

Mr. Mikhael, has over 11 years of experience in the field and in construction materials testing and inspection services for concrete, masonry, steel, anchors, soils, and grading. He is experienced in performing compaction testing, foundation inspections and subgrade inspection and testing.

**Charles Chapin**  
**Senior Inspector**

Mr. Charles Chapin has over 40 years of experience in Public Works Construction and has performed inspection and construction management for a variety of projects for Caltrans where he used his administrative skills as well as professional and/or technical quality control knowledge. Mr. Chapin has managed capital outlay, operations maintenance, surveying, State Highway Operation and Protection Program (SHOPP), State Transportation Program, and emergency and safety projects. He has also managed traffic control, Storm Water Pollution Prevention plans (SWPP), water pollution control inspection, highway construction inspection, review of shop plans and specifications, change orders, and CPM scheduling.

Areas of expertise include evaluating bids, overseeing construction activities for the Caltrans projects to ensure compliance with plans and specifications; this included monitoring schedules and budgets; preparing estimates and evaluating change orders, conducting negotiations, resolving problems, on-site inspections, approving progress payments and other disbursements, coordinating contract administration activities with consultants and various agencies, developing and maintaining a system for monitoring the progress of projects and programs as assigned, evaluating consequences of changes and advise, preparing written technical and statistical reports, prepares reimbursement reports for various funding agencies, monitoring projects for adherence to Federal and State labor laws, traffic control management, surveying, water pollution administration and inspection.

**Education:**

*B.A., Business, Devry University, in progress*

**Professional Certifications:**

*County of Los Angeles Certified Deputy Inspector masonry  
County of Los Angeles Certified Deputy Inspector concrete  
ICC Structural Masonry Certified Inspector  
ICC Reinforced Concrete Certified Inspector  
ACI Certified, Concrete Field Testing Technician  
Certified Radiation Safety and Nuclear Gage Operator  
Caltrans Certificate of Proficiency for: Air Content, Freshly Mixed Concrete, Pressure, Density of Fresh Concrete, Flexural Strength of PCC (Fabrication only), Ball Penetration in Fresh Portland Cement Concrete, Sampling Freshly Mixed Concrete, PCC Cylinder Fabrication, Slump of Fresh Portland Cement Concrete, Temperature of Freshly Mixed Portland Cement Concrete  
TWIC Card*

**Professional Certifications:**

*Construction Boot Camp  
California Work Zone Inspection  
Field Office Procedures  
Lead Hazard Awareness  
Concrete Paving Inspection  
Hot Mix Asphalt Master Inspector  
Sampling Techniques  
Structure Construction Inspection  
Landscape Inspection  
SWPP and Water Pollution Control Programs  
Advances Construction Site Best Management Practices (BMPS)  
Field Applications  
Water Pollution Administration  
Inspection and Maintenance of Construction Sites  
Management of Construction Site Dewatering Operations  
Water Quality Sampling and Analysis on Construction Sites  
Traffic Control Management*

## The Alliance Group Consulting

### **Michael Tran** **Senior Inspector**

Mr. Tran has a well-rounded knowledge of the construction industry and has spent 20 years as an ICC structural concrete, anchor installation, and structural steel inspector. He has extensive experience in construction, field inspection, quality assurance and quality control services, which involve Caltrans Metro, and public works projects such as sound wall, grading, CIDH pile, electrical conduits, barrier, DTi washers, sign trusses framings, bridge, concrete placement, reinforcing steel bars welding, light rail underground, aerial, and At Grade stations, utility relocation, storm drain, sanitary sewer, CSM soldier piles, catch basin, curb and gutter, driveway, sidewalk, PCC concrete and asphalt pavement, traffic signal and street light foundations, and so on. His experience provides him a knowledge of Caltrans and Appendix A Codes, Green Book, LA City standard plans, APWA standard plans, CBC codes, and all welding, concrete and masonry codes. Mr. Tran have continuously demonstrated the ability to manage and inspect a construction project so that it is completed safely, efficiently, on schedule, and in accordance with the plans and specifications. He has built a reputation for excellence in the field of related services.

#### **Education/Credentials:**

Don Bosco Colleg  
Santiago Canyon College  
Twining Laboratories in house training  
Inspection Dynamics  
Contractor's License Exam Center

#### **Professional Registrations**

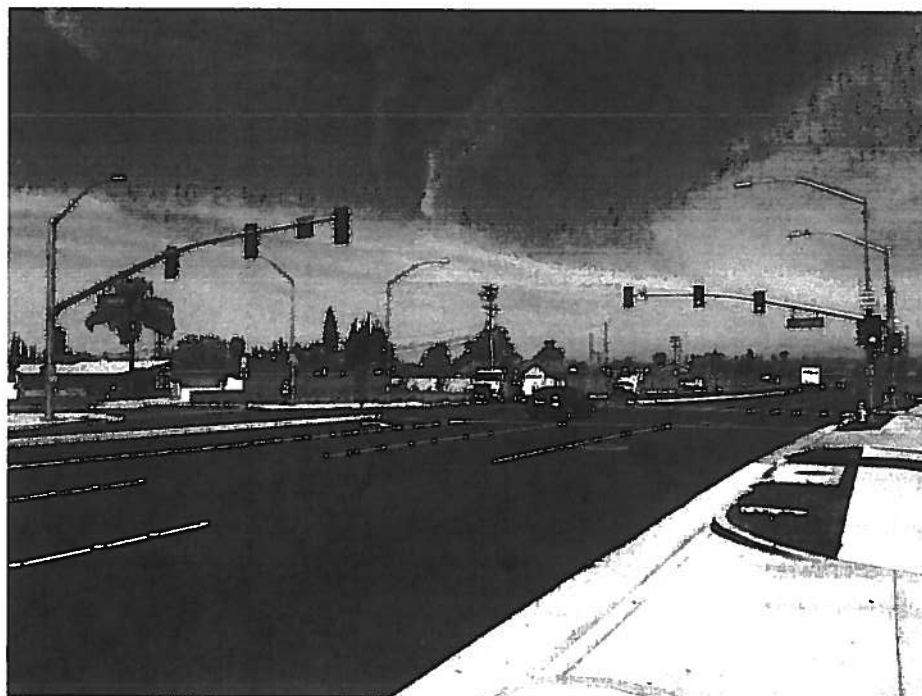
ICC- Structural Steel Welding  
ICC- Reinforced Concrete  
ICC- Reinforced Masonry  
ACI- Concrete Field Technician Grade 1  
AWS- Certified Welding Inspector

#### **Years of Experience:**

20



## SECTION 6: PROJECT PROFILES



### **BROOKHURST STREET IMPROVEMENTS FROM KATELLA AVENUE TO BALL ROAD ANAHEIM, CA**

KOA provided project management, construction management, and inspection for the reconstruction and widening of Brookhurst Street with the construction of two additional travel lanes and class 2 bikeways. The work on this major Anaheim trunk road included the reconstruction of large sections of the road; the upgrade of an "at-grade" rail crossing; **the reconstruction of the Cerritos Intersection, with new traffic signals;** new street lights; new raised landscaped medians; and extensive parkways. The widening also required storm drain and sewer improvements and the construction of storm water infiltration bio-swales. New sidewalks, curbs and gutters, sound walls, driveways and trails were also project elements. The project improved traffic flow and safety through this segment of Brookhurst Street, and provided for project features to improve storm water runoff quality through infiltration and percolation. This project consisted of roadway widening and paving, sidewalks, curbs and gutters, sound walls, driveways, drainage improvements, **traffic signal improvements**, landscaping and irrigation, and utility improvements.

CLIENT NAME  
City of Anaheim  
200 S Anaheim Blvd, Suite 276,  
Anaheim, CA 92805

REFERENCE  
Joanne Wu  
Senior Engineer  
200 S Anaheim Blvd, Suite 276,  
Anaheim, CA 92805  
(714) 765-4922  
[jwu@anaheim.net](mailto:jwu@anaheim.net)

YEAR  
2013 - 2018

CONTRACT  
\$8,000,000

CONSULTANT COST  
\$280,000

STAFF  
Alan Braatvedt, Construction  
Manager  
Lea Reis, Construction Manager  
Karina Winje, PM



**BALL ROAD & SUNKIST STREET INTERSECTION WIDENING PROJECT  
ANAHEIM, CA**

KOA provided project management, construction management, and inspection for the reconstruction and widening of Ball Road and Sunkist Street with the construction of two additional turn lanes and pavement rehabilitation. The work on these arterial streets included the reconstruction of damaged pavement, curb, gutter, and sidewalks, driveways, curb ramps, **traffic signals**, street lighting, landscape and irrigation remediation, telecommunications, electrical, and other utilities, and extensive phasing and coordination with the adjoining commercial properties.

CLIENT NAME  
City of Anaheim  
200 S Anaheim Blvd, Suite 276,  
Anaheim, CA 92805

REFERENCE  
Joanne Wu  
Senior Engineer  
200 S Anaheim Blvd, Suite 276,  
Anaheim, CA 92805  
(714) 765-4922  
[jwu@anaheim.net](mailto:jwu@anaheim.net)

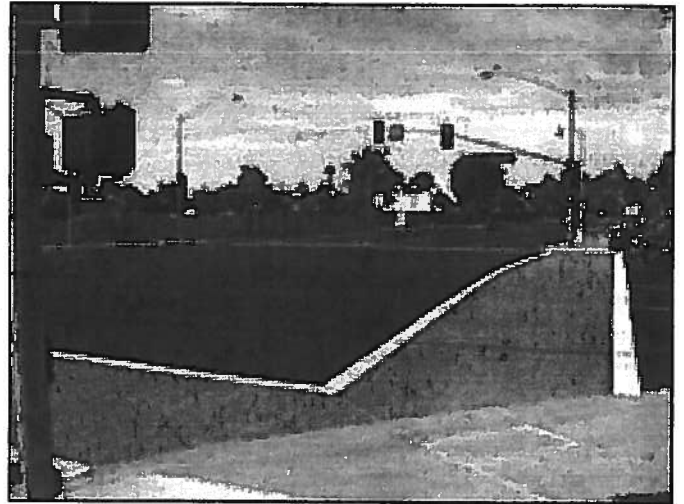
YEAR  
2017-2018

CONTRACT  
\$4,200,000

STAFF  
Chuck Stephan, P.E.  
Lea Reis, Construction Manager  
Karina Winje, PM  
Tom Clark, Inspector/CM

**HARBOR BLVD & LA HABRA BLVD IMPROVEMENT PROJECT  
LA HABRA, CA**

This federally-funded STPL project rehabilitated one mile of Harbor Blvd from Lambert Rd to Whittier Blvd, and improved the intersection at La Habra Blvd by widening the street and installing additional right and left turn lanes. This project was constructed in conjunction with a Rule 20 utility undergrounding project, and commercial improvements at adjoining properties. Work included storm drain box culvert; storm drains; curb, gutter, sidewalks, driveways; water pipelines, meter and fire hydrant relocations; bore casing under railroad right-of-way; **traffic signals**; pavement construction and asphalt rubber hot mix overlay. KOA prepared plans, specifications and cost estimates; performed construction management and observation.



Reference: Christopher L. Johansen, P.E.

City Engineer

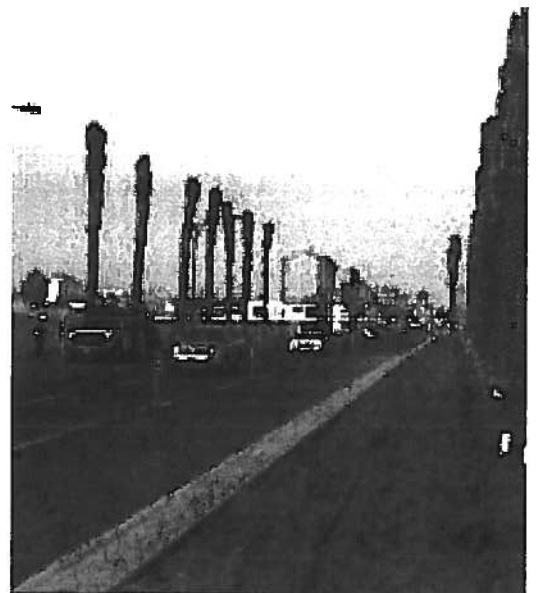
(562) 905-9720

**KATELLA AVENUE WIDENING PROJECT, LEWIS ST TO STATE  
COLLEGE  
ANAHEIM, CA**

This project for the City of Anaheim involved the widening/improvement of Katella Ave, a major arterial road connecting Angel Stadium, Honda Center, Disneyland and Convention Center. **The project included major upgrades to two signalized intersections**, a new CMS Sign, widening, additional lanes and turn pockets, landscaped medians and lighting. Extensive utility relocation was required as part of this project as well as the reconstruction of a large portion of the street and an overlay of the full project area. This was a major beautification project in the platinum triangle, which required the planting of 180 full sized palm trees with up-lighting.

Reference: Joanne Wu, P.E.

(714)765-5100



**Twintree Lane and Haster Street Sewer Improvements, Garden Grove, CA**

KOA provided construction management and construction inspection services for the City of Garden Grove. Scope of work included: Installation of 667' of 8" Vitrified Clay Pipe (VCP), 2066' of 10" VCP, 1428' of 15" VCP sewer mainline; installation of 40' of 8" & 16" PVC-900 sewer line; installation of 120' of 16" PVC water lines; and installation 16 new manholes, demolition of 17 existing manholes. Removal of 2217' of existing sewer lines, abandon 2012' of existing sewer lines. Reconstruction and reconnecting 60 sewer house connections. Trench pavement restoration, traffic restriping, replacement of traffic loop detectors and installation of raised pavement markers and appurtenant work.



**Lenore Ave/Lampson Ave Sewer Improvements, Garden Grove, CA**

Construction Inspector. Mr. Card provided inspection services for the replacement of approximately 7,500 lineal feet of existing 10", 12" and 15" diameter VCP, including manholes and appurtenances. The work included inspection of traffic control, including major street closures, by-passing of existing sewerage flows, connection to existing house laterals, backfill, compaction and coordination with outside survey engineering and soils testing, temporary and permanent paving operations.

**Harbor Boulevard Street Improvement Project, Garden Grove**

KOA is currently providing full-time construction observation for the Harbor Blvd. Street Improvement Project, which extends the Disney/ Convention Center resort streetscape into Garden Grove to incorporate the new Great Wolf resort in the City. The main components of the project includes removal and replacement of failed sections of the road and grind and cap the entire project; the installation of landscaped median; new sidewalk and the upgrading of sewer lines, The work required public relation efforts, coordinating and with agencies, stakeholders and utility companies.





**ON-CALL CONSTRUCTION MANAGEMENT AND INSPECTION FOR  
MONROVIA NURSERY TRACTS 66608 & 66609 GRADING AND  
INFRASTRUCTURE CONSTRUCTION  
GLENDDORA, CA**

KOA provided Construction Management and inspection services to the City of Glendora for this grading, infrastructure, and street improvement tract development project. The project consists of two large single family tracts (#66608 & 66609) that were formerly the site of the Monrovia Nursery. City Ventures was the original developer and has since sold the project to William Lyon Homes. The project consists of demolition and arsenic soil remediation of the original site, mass grading, sewer, water, storm drain systems, tie-in to the existing Covina Canal Channel, **traffic signals**, street lighting system, dry utilities, Rule 20 backbone system, drainage and concrete v-ditches, retaining and garden walls, street improvements, parksites, lighting, and landscaping. The project is in a very sensitive neighborhood and required public outreach / awareness.

CLIENT NAME  
City of Glendora  
116 E. Foothill Blvd  
Glendora CA 91741

REFERENCE  
Dave Davies  
Director of Public Works  
(626)914-8246  
ddavies@cityofglendora.org

YEAR  
2017

CONSTRUCTION COST  
\$5,929,000

STAFF  
Kevin Higgins  
Chuck Stephan  
Jim Sotelo





CLIENT NAME  
City of South El Monte  
1415 Santa Anita Avenue  
South El Monte CA 91733

REFERENCE  
Arjan Idnani  
Sr. Project Engineer  
(626) 780-8154

YEAR  
2017

CONSTRUCTION COST  
\$1,397,000

STAFF  
Kevin Higgins  
Alan Braatvedt  
Crispen Cole, QSP

### INSPECTION SERVICES FOR THE DURFEE AVENUE STREET AND MEDIAN IMPROVEMENT PROJECT SOUTH EL MONTE, CA

KOA provided inspection services for this project that consisted of 28,310 square feet of cold milling of existing asphalt and the installation of 1,080 tons of 2" thick ARHM overlay, (8) parkway drains, 159,000 square feet of crack sealing and slurry seal, the removals and replacements of existing concrete improvements; construction of 5,000 square feet of new 4" sidewalk per SPPWC Std. Plan 113-2, 2,400 linear feet of median curb and gutter, (19) handicap ramps, cross gutters, construction of a new median, 1,000 linear feet of depressed curb and gutter for pavers, install 5,570 square feet of pavers, install 2,950 square feet of 6" River Rock Cobble, remove and replace (14) planters including Palms and replace in kind, construct 2,540 linear feet of concrete curb and gutter for planters, monument signs, construct (8) bio-infiltration basins, (8) infiltration catch basins, water line connections and improvements, landscaping and irrigation; **install 400 linear feet of traffic signal conduit, loops, (14) pull boxes; modify (2) traffic signals;** Install (33) new metal posts, (63) signs on metal posts, and (29) signs on existing posts; replace (2) existing steel gates; sandblasting, and any asphalt or street repairs and striping replacement effected during construction as well as a plant establishment period.

## STREET IMPROVEMENTS AND TRAFFIC SIGNAL UPGRADE ON CRENSHAW BLVD & 120<sup>TH</sup> STREET HAWTHORNE, CA

Construction Management & Inspection Services for the **upgrade of traffic signals** at the following intersections: Crenshaw Boulevard / 120th Street, Crenshaw Boulevard / Jack Northrop Avenue, Crenshaw Boulevard / El Segundo Boulevard, Prairie Avenue / 120th Street, 120th Street / Doty Avenue and 120th Street / Van Ness Avenue. In addition to the above work the following sections of street were upgraded: Crenshaw Boulevard between the 105 Freeway and 135th Street and the section of 120th Street between Prairie Avenue and east of Van Ness Avenue. New raised landscaped medians were constructed along Crenshaw Boulevard.



Reference: Arnold Shadbehr, P.E.  
Director of Public Works/ City Engineer  
(949)768-0731

## REALIGNMENT OF WASHINGTON/INCE CULVER CITY, CA

KOA provided design and construction management/inspection services for the realignment of Washington Blvd through Downtown Culver City. The project included the installation of a new storm drain system, the widening of Washington and Ince Blvds, the installation of new utilities in Ince for the future development of Parcel B, **the installation of new signals** and the paving of the streets.

Reference: Lee Torres, Project Manager/Associate Engineer, (310) 253-5623, City of Culver City



### ROSECRANS AVENUE/AVIATION BOULEVARD INTERSECTION IMPROVEMENTS, HAWTHORNE, CA

This project involved the widening of Rosecrans Ave in the EB and WB directions. Additional lanes were also built along the NB and SB directions of Aviation Blvd. The work consisted of excavation and removal of existing pavement, concrete and asphalt paving, construction of curb and gutter, sidewalks, driveways, retaining walls, sound walls, storm drain RCP & RCB structures, and street lighting. The project also involved **traffic signal modifications at four intersections, new traffic signal controllers, installation of interconnect conduit, synchronizing of signals**, traffic striping, adjustment of existing u/g utilities, undergrounding of overhead utilities and landscaping.

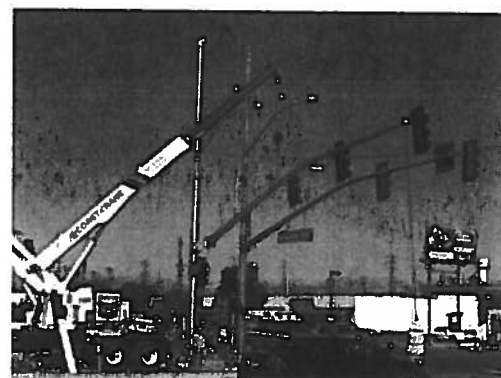
Reference: Akbar Farokhi, Senior Engineer, City of Hawthorne, (310) 349-2983



### KRAEMER & LA PALMA INTERSECTION IMPROVEMENTS ANAHEIM, CA

The project reconstructed and widened the very busy Kraemer / La Palma intersection, extending south of the intersection to the 91-Freeway. The work included extensive **traffic signal up-grades**, widening of roads, beautification and the construction of a new retaining wall in Caltrans right-of-way. The retaining wall is a 400'-long x 18'-high MSE wall, which was constructed, in part, above the OC Flood Control District channel. The pre-fabricated components of the wall were manufactured off-site with inspection from Caltrans.

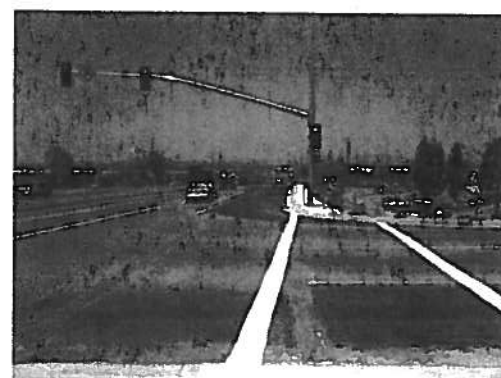
Reference: Robert Luciano, Principal Engineer (714)765-5059



### SR-91 BRIDGE WIDENING AT EAST STREET ANAHEIM, CA

This project involved the modification to the bridge under the 91 Freeway for the widening of East Street. The work involves the construction of a substantial new drainage system that ties into the OC Flood Control channel and reconstructing all four ramps, street widening and beautification and **reconstructing the signalized intersections**. Extensive coordination with Caltrans Engineering and TMC, OC Public Works and Southern California Edison Transmission and various utility companies was required. Construction Cost \$2,000,000.

Reference: Robert Luciano, Principal Engineer (714)765-5059





## KOA REFERENCES

### **CITY OF LA HABRA**

201 E. La Habra Blvd., La Habra, CA 90633-0337  
Christopher L. Johansen, City Engineer  
(714) 944-2966, email, [CJohansen@lahabraca.gov](mailto:CJohansen@lahabraca.gov)

### **CITY OF MONTEREY PARK**

320 West Newmark Ave, Monterey Park, CA 91754  
Rey Alfonso, Public Works Assistant City Engineer  
(626) 307-1330, email [ralfonso@montereypark.ca.gov](mailto:ralfonso@montereypark.ca.gov)

### **CITY OF GARDEN GROVE**

11222 Acacia Parkway, Garden Grove, CA 92840  
Mark Uphus, Senior Civil Engineer  
(714) 741-5191, email [muphus@ci.garden-grove.ca.us](mailto:muphus@ci.garden-grove.ca.us)

### **CITY OF RANCHO PALOS VERDES**

30940 Hawthorne Blvd., Rancho Palos Verdes, CA 90275  
Ron Dragoo, Senior Engineer  
(310) 377-0360, email [RonD@rpvca.gov](mailto:RonD@rpvca.gov)

### **CITY OF TORRANCE**

20500 Madrona Ave, Torrance CA 90503  
Steve Finton, PE, Project Engineer  
(310) 781-6900, email [SFinton@TorranceCA.gov](mailto:SFinton@TorranceCA.gov)

## AESCO

### Hugo Reid Neighborhood Safe Routes to School Improvements | Arcadia, CA

AESCO performed construction materials testing and inspections materials testing and inspection in accordance with the City of Arcadia's QAP and the Plans and Special Provisions Testing during the re-configuration of several intersections within the City of Arcadia. The intersections were: Golden West Avenue and Hugo Reid Drive, Hugo Reid Drive and Corto Road, Hugo Reid Drive and Altura Road, and Sunset Boulevard between Balboa Drive and Portola Drive. The services consisted of inspection and testing of subgrade compaction and the concrete for CMU wall footing, driveway, sidewalk and curb and gutter.

Project Highlights: Construction Inspection and Testing

Start Date: June 2015

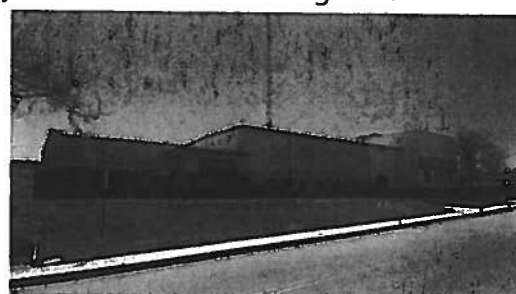
Completion Date: March 2016

Total Cost: \$647,000

Client: City of Arcadia

Role: QC Inspection and Testing

Key Personnel Involved: Adam Chamaa, P.E., G.E., Omar Chamaa, Russell J. Scharlin, P.E., G.E.



#### Reference

Tim Kelleher, Assistant Engineer | City of Arcadia |

PO Box 60021, Arcadia, CA 91066-6021 | Phone: (626) 574-5479, |E-mail: TKELLEHER@ci.arcadia.ca.us

### Maple Bike Trail Safety Enhancements | Santa Ana, CA

AESCO performed construction materials testing and inspections materials testing and inspection in accordance with the City of Santa Ana's QAP and the Plans and Special Provisions Testing during the safety improvements to the Maple Bike Trail within the City of Santa Ana. The improvements were performed at Occidental Street, Saint Andrew Place and Saint Gertrude Place. The services consisted of review of concrete mix designs and asphalt mix designs.

Project Highlights: Review of concrete and asphalt mix designs

Start Date: 2016

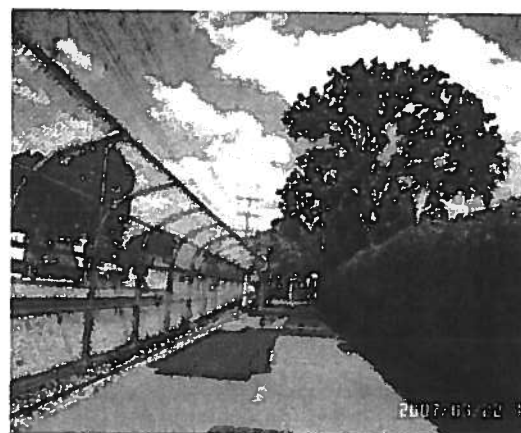
Completion Date: 2016

Total Cost: \$380,000

Client: City of Santa Ana

Role: Engineering Review of Mix Designs for Asphalt and Concrete

Key Personnel Involved: Adam Chamaa, P.E., G.E.



#### Reference

Victor So, Project Coordinator | City of Santa Ana |

20 Civic Center Plaza, Santa Ana, CA 91066-6021 | Phone: (714) 647-5076 |E-mail: [vso@santa-ana.org](mailto:vso@santa-ana.org)

## AESCO

### **Class II Bike Lane on Newhope Street and First Street | Santa Ana, CA**

AESCO performed review of the concrete and asphalt mix designs for construction of the Class II Bike Lanes on Newhope Street and First Street in the City of Santa Ana. The services consisted of review of concrete mix designs and asphalt mix designs and review of the Crushed Miscellaneous Base.

Project Highlights: Review of concrete and asphalt mix designs, Review of Crushed Miscellaneous Base

Start Date: 2015

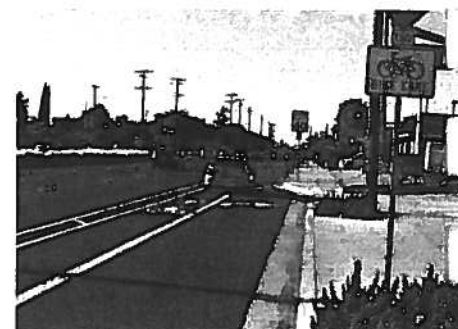
Completion Date: 2015

Total Cost: \$856,000

Client: City of Santa Ana

Role: Engineering Review of Mix Designs for Asphalt, Concrete and CMB

Key Personnel Involved: Adam Chamaa, P.E., G.E.



#### Reference

Victor So, Project Coordinator | City of Santa Ana |

20 Civic Center Plaza, Santa Ana, CA 91066-6021 | Phone: (714) 647-5076 |E-mail: vso@santa-ana.org

### **First Street Bridge Replacement | Santa Ana, CA**

AESCO performed construction materials testing and inspections for the First Street Bridge. The project included demolition of the existing bridge and construction of a new six-lane bridge to accommodate future traffic volumes, new sidewalk, and crash cushion barrier rails. Testing and inspections were conducted on driven steel H-piles, welding, structural steel, precast concrete, concrete, asphalt, mix designs.

Project Highlights: Construction Inspection and Testing for a Bridge Replacement Project, Concrete and Asphalt Mix Design Review, Monitored installation of Driven H-Piles, Including Welding of Sections, Inspection and Testing for Steel, Welding, Concrete and Bearing Pads

Start Date: June 2011

Completion Date: November 2013

Total Cost: \$7.8M

Client: City of Santa Ana

Role: QC Inspection and Testing

Key Personnel Involved: Adam Chamaa, P.E., G.E., Omar Chamaa



#### Reference

Tyrone Chesanek, P.E., Senior Civil Engineer | City of Santa Ana |

20 Civic Center Plaza, Santa Ana, CA 92702 | Phone: (714) 647-5045, |E-mail: tchesanek@santa-ana.org

## THE ALLIANCE GROUP CONSULTING

### **Soto Street Bridge over Mission Road, and Huntington Drive Bridge Removal and Street Improvement Project, Los Angeles, CA**

This project will remove an existing bridge and construct street and intersection improvements to Soto Street and Huntington Drive. Soto Street Bridge is a 52-foot wide bridge that was constructed in 1963. The existing bridge was approximately 500 feet long with one-lane in each direction and consist of two main spans and fifteen approach spans. The project will remove the existing bridge and reconfigure the alignment of Mission Road, Soto Street, Huntington Drive North and Huntington Drive South with two new signalized intersections. The Alliance Group Consulting (TAGC) is responsible to perform the Design Support during Construction (DSDC) and Site Inspection for the Traffic Control, Traffic Signal, Street Lighting and various components of Civil/Utility design and coordination. TAGC is also responsible for the review and respond to Contractor's Request for Information (RFI) and as needed design modifications.

#### Reference

Mr. Dung Tran, PE – City of Los Angeles, Bureau of Engineering-Bridge Improvement Division-Project Manager ([Dung.d.Tran@lacity.org](mailto:Dung.d.Tran@lacity.org))  
213.485.5046



*Soto Bridge Over Mission and Huntington Drive-During Stage 1 Construction*



## SECTION 7: UNDERSTANDING AND SCOPE OF SERVICES

### UNDERSTANDING OF WORK

The City of Garden Grove has been awarded four federal-aid funded Highway Safety Improvement Project (HSIP) grants (One project from HSIP Cycle 7, and three from Cycle 8). The City is soliciting construction bids, and plans to utilize a consultant to perform construction inspection services. The City anticipates construction will be completed within 80 working days. As this is a federal-aid project, the City has included a 12% Disadvantaged Business Enterprise (DBE) component for the inspection work.

#### HSIP Cycle 8

Project ID	Location	Description of Work	Federal Funds
H8-12-006	Intersection of Garden Grove Boulevard and Ninth/Nina Street.	Install protected left-turn phasing to east/west approaches and install secondary traffic signal heads to east/west approaches to provide safe stopping space for vehicles crossing intersection.	\$194,000
H8-12-007	Intersection of Magnolia Street and Orangewood Avenue.	Install protected left-turn phasing.	\$217,000
H8-12-008	Ninety-nine (99) signalized intersections citywide.	Install 612 pedestrian countdown signal heads.	\$202,000

#### HSIP Cycle 7

Intersection of Haster Street and Lampson Ave	Provide protected left-turn phase	No	\$ 220,000	\$ 220,000
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Proposed work will include protected left turn phasing traffic signal modifications at three intersections, and installation of 612 pedestrian countdown signal heads at 99 signalized locations.

#### **Haster St & Lampson Ave**

All new traffic signal system including 8 poles, video detection, controller and cabinet, fiberoptic cables and Ethernet switch, ped buttons, pull boxes, street name signs, ped heads, striping, signing, and curb ramps.

#### **Garden Grove Blvd & Nith/Nina St**

All new traffic signal system including 8 poles, video detection, controller and cabinet, fiberoptic cables and Ethernet switch, ped buttons, pull boxes, street name signs, ped heads, striping, signing, sidewalk and curb ramps.

#### **Magnolia St & Orangewood Ave**

All new traffic signal system including 8 poles, video detection, controller and cabinet, fiberoptic cables and Ethernet switch, ped buttons, pull boxes, street name signs, ped heads, striping, signing, and curb ramps.

The City anticipates construction will be completed within 80 working days, from July to November, 2018. It is expected that there will be varying times requiring inspection services, with some slack days during construction operations. The City has provided for a 1 year agreement period, with a total inspection





budget amount of \$83,000. The specific amounts are:

Traffic signal at Haster St & Lampson Ave, HSIPL-5328(078)	\$20,000
Traffic signal at Garden Grove Blvd & Nith/Nina St, HSIPL-5328(080)	\$18,000
Traffic signal at Magnolia St & Orangewood Ave, HSIPL-5328(081)	\$19,000
Install 612 Ped Heads at 99 locations	\$26,000

The selected Inspection consultant will perform construction inspection services and provide documentation in accordance with Caltrans and federal-aid (FHWA) guidelines. Special inspection services may be necessary for rebar and concrete placement. We have provided optional services for material testing and certification services.

### SCOPE OF SERVICES

KOA Corporation will provide professional construction inspection services for the construction of traffic signal improvements and installation of countdown ped heads. We will provide assistance to the City throughout the construction phase. Work may include construction inspection, special inspections, material testing, employee interviews, submittal review, and other services on behalf of the City. Work and documentation will be in support of fulfilling federal-aid requirements.

KOA will provide construction inspection services for traffic signal construction activities as directed by the City. Construction activities may include:

- Traffic signal poles and foundations
- Conduit and conductors
- Pull boxes
- Installation of countdown ped heads
- Compliance with permit conditions
- Curb ramps

Construction Inspection services will be conducted as directed by the City, and is expected to include the following tasks:

**Daily Inspection Reports:** Reports will be completed in compliance with Caltrans and federal-aid requirements. Reports will include labor, equipment, materials, work conducted, issues/ problems/ resolutions, and weather. The inspector will record incidents such as accidents, damage to infrastructure, and unforeseen conditions. Reports will be collected daily, and transmitted to the City weekly. Disputes and claims will be recorded and transmitted to the City. Steel will be verified in compliance with federal-aid "Buy America" provisions.

The services for construction inspection shall implement project controls in accordance with the relevant standards and specifications, including the:

- Permit Conditions
- Standard Plans and Specifications for Public Works Construction, including all supplements
- Engineered plans and specifications



- California Manual of Uniform Traffic Control Devices (MUTCD) and WATCH manual
- Standard Specifications of the Department of Transportation, State of California (Caltrans), Latest Edition, including all supplements.
- Standard Plans of the Department of Transportation, State of California (Caltrans), Latest Edition, including all supplements.

**Daily Construction Site Monitoring:** The inspector will monitor work site condition, safety, traffic control (MUTCD and WATCH manual), BMP's, and staging. The contractor will be confronted and shall correct unacceptable work, practices and unsafe conditions. The inspector will study and become knowledgeable on the construction documents, and interpret and implement the provisions of the contract documents, soils reports, survey data, Caltrans Standard Specifications, APWA "Green Book" and the City of Garden Grove Municipal Code. The inspector will serve as the City's representative and liaison to the contractor and his staff. The inspector will communicate with staff for problems and issues that arise, and those needing resolution, especially in an urgent situation. We will confirm that work meets contract requirements. Unacceptable or rejected work shall be reported to the Contractor and the City. Work will be performed in a cost-effective manner, and in the interest of the City.

**Utility Coordination:** KOA will ensure that utility coordination is performed by the general contractor throughout the construction phase of the project.

**Photographic Record:** KOA will make a photograph record of the project site before, during, and after completion of construction.

**Material Certificates;** The inspector will receive, review, approve and file material certifications (i.e. load tickets), for delivered construction materials, including traffic signal hardware, PCC, asphalt, and aggregates.

**Extra Work:** In the event of Contractor claims for Extra Work, KOA will receive such documents and transmit to the City for direction. For Force Account work the inspector will verify, document time and materials, equipment, and quantities, and sign daily reports. KOA will assist the City in any Extra Work and Change Order negotiations.

**Special Inspection:** KOA will coordinate with TAGC (our DBE consultant) as needed to provide inspection of rebar placement, concrete placement and preparation, and traffic signal control equipment as needed.

**Material Testing:** KOA will coordinate with AESCO (DBE consultant), for optional as-needed material sampling, testing, and soil compaction services. Expected work will include PCC sampling and strength testing, subgrade and base compaction.

**Employee Interviews:** Contractor employees will be interviewed in compliance with federal-aid requirements.

**Labor Compliance:** KOA will compare employee stated wages against Certified Payroll reports and



State and Federal Prevailing Wage rates to affirm compliance. KOA will perform labor interviews with construction laborers (typical one from each trade per month minimum). We will verify compliance with state and federal wage rate requirements. KOA can review submitted Certified Payroll statements as well.

KOA performs its own labor compliance reviews with our own staff. We ourselves are registered with the state of California Department of Industrial Relations as a general contractor providing Building/Construction Inspector services, and we are subject to the same state and federal prevailing wage law requirements as any other contractor who will be working with the projects anticipated in this project assignment. KOA has provided labor compliance for all of our public works projects where we were required to do so, with tasks including conformance to prevailing wage rate requirements; apprenticeship programs; notifying and tracking corrective actions; verifying required postings, conducting employee interviews, verifying final compliance, and submittal of final report/resolutions to the client.

**Submittals and Shop Drawings:** KOA will receive, transmit to the City, and provide recommendation on shop drawings and submittals. However, we should note that the responsible engineer and City will need to make determinations as to a design and engineering nature. KOA will facilitate this process.

**Construction Meetings:** KOA staff will attend construction meetings as needed.

KOA will review the Contractor's payment requests and verify quantities of completed work for progress payments to the Contractor.

**Closeout and Punchlist:** KOA will conduct a final walkthrough inspection, develop "punchlists" of incomplete work, and follow up until all work is complete and corrected. A final inspection and recommendation of completion will be provided to the City. All files will be populated, completed, and transmitted to the City for their files and approval.

**As-Built Plan:** KOA will verify that the Contractor's "As-Built" plan is current and correct, and at least a monthly basis.

## DELIVERABLES

- ✓ Daily Reports
- ✓ Incident Reports
- ✓ Direction to Contractor
- ✓ Material Certificates
- ✓ Quantity Reports
- ✓ Employee Interviews
- ✓ Photographs
- ✓ Extra Work/ Time and Materials Records
- ✓ Special Inspection Reports





THE ALLIANCE GROUP CONSULTING

EXHIBIT 10-Q DISCLOSURE OF LOBBYING ACTIVITIES

COMPLETE THIS FORM TO DISCLOSE LOBBYING ACTIVITIES PURSUANT TO 31 U.S.C. 1352

1. Type of Federal Action:	2. Status of Federal Action:	3. Report Type:
<input checked="" type="checkbox"/> a. contract b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance	<input checked="" type="checkbox"/> a. bid/offer application b. initial award c. post-award	<input checked="" type="checkbox"/> a. initial b. material change  For Material Change Only: year _____ quarter _____ date of last report _____
4. Name and Address of Reporting Entity	5. If Reporting Entity in No. 4 is Subawardee, Enter Name and Address of Prime:	
<input type="checkbox"/> Prime <input checked="" type="checkbox"/> Subawardee Tier _____, if known	<b>KOA Corporation</b> <b>2141 W. Orangewood Ave,</b> <b>Orange, CA 92868</b> Congressional District, if known	
6. Federal Department/Agency:	7. Federal Program Name/Description:	
8. Federal Action Number, if known:	CFDA Number, if applicable _____	
10. Name and Address of Lobby Entity (If individual, last name, first name, MI)	11. Individuals Performing Services (including address if different from No. 10) (last name, first name, MI)	
(attach Continuation Sheet(s) if necessary)		
12. Amount of Payment (check all that apply) \$ <u>TBD</u> <input type="checkbox"/> actual <input type="checkbox"/> planned	14. Type of Payment (check all that apply)	
13. Form of Payment (check all that apply): <input type="checkbox"/> a. cash <input checked="" type="checkbox"/> b. in-kind; specify: nature <u>TBD</u> Value _____	<input checked="" type="checkbox"/> a. retainer <input type="checkbox"/> b. one-time fee <input type="checkbox"/> c. commission <input type="checkbox"/> d. contingent fee <input type="checkbox"/> e. deferred <input type="checkbox"/> f. other, specify _____	
15. Brief Description of Services Performed or to be performed and Date(s) of Service, including officer(s), employee(s), or member(s) contacted, for Payment Indicated in Item 12:		
<b>Traffic Signal Inspection Services</b> (attach Continuation Sheet(s) if necessary)		
16. Continuation Sheet(s) attached: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
17. Information requested through this form is authorized by Title 31 U.S.C. Section 1352. This disclosure of lobbying reliance was placed by the tier above when his transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to Congress semiannually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.		
Signature: <u><i>Ray Wang</i></u>		Print Name: <u>Ray Wang</u>
Title: <u>Principal / Sr. Project Manager</u>		Telephone No.: <u>213-505-4324</u> Date: <u>5/3/2018</u>
Authorized for Local Reproduction		
Standard Form - LLL		
Federal Use Only:		



AESCO

EXHIBIT 10-Q DISCLOSURE OF LOBBYING ACTIVITIES

COMPLETE THIS FORM TO DISCLOSE LOBBYING ACTIVITIES PURSUANT TO 31 U.S.C. 1352

**1. Type of Federal Action:**  a. contract  
 b. grant  
 c. cooperative agreement  
 d. loan  
 e. loan guarantee  
 f. loan insurance

**2. Status of Federal Action:**  a. bid/offer/application  
 b. initial award  
 c. post-award

**3. Report Type:**  a. initial  
 b. material change

**For Material Change Only:**  
year \_\_\_\_\_ quarter \_\_\_\_\_  
date of last report \_\_\_\_\_

**4. Name and Address of Reporting Entity**  
 Prime  Subawardee  
Tier \_\_\_\_\_, if known

**5. If Reporting Entity in No. 4 is Subawardee, Enter Name and Address of Prime:**

**6. Federal Department/Agency:** Congressional District, if known \_\_\_\_\_

**7. Federal Program Name/Description:** Congressional District, if known \_\_\_\_\_

**8. Federal Action Number, if known:** CFDA Number, if applicable \_\_\_\_\_

**9. Award Amount, if known:**

**10. Name and Address of Lobby Entity**  
(If individual, last name, first name, MI)

**11. Individuals Performing Services**  
(including address if different from No. 10)  
(last name, first name, MI)

(attach Continuation Sheet(s) if necessary)

**12. Amount of Payment (check all that apply)**  
\$ (CONSULTAN  actual  planned

**13. Form of Payment (check all that apply):**  
 a. cash  
 b. in-kind; specify: nature \_\_\_\_\_  
Value \_\_\_\_\_

**14. Type of Payment (check all that apply)**  
 a. retainer  
 b. one-time fee  
 c. commission  
 d. contingent fee  
 e. deferred  
 f. other, specify \_\_\_\_\_

**15. Brief Description of Services Performed or to be performed and Date(s) of Service, including officer(s), employee(s), or member(s) contacted, for Payment Indicated in Item 12:**

(attach Continuation Sheet(s) if necessary)

**16. Continuation Sheet(s) attached:** Yes  No

**17. Information requested through this form is authorized by Title 31 U.S.C. Section 1352. This disclosure of lobbying reliance was placed by the tier above when his transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to Congress semiannually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.**

Signature: \_\_\_\_\_  
Print Name: Kay Alabed  
Title: President  
Telephone No.: 714-375-3830 Date: 5/7/2018

Authorized for Local Reproduction



## SECTION 9: COST PROPOSAL

The cost proposal has been submitted in a separate sealed envelope in accordance with the RFP instructions.



## APPENDIX A: DETAILED RESUMES OF KEY PERSONNEL

**CHUCK STEPHAN, PE, LEED® AP**  
PRINCIPAL-IN-CHARGE / PRINCIPAL ENGINEER / PROJECT MANAGER

Mr. Stephan has 34 years of experience in civil engineering design and project management on projects for many municipalities and private firms. He has diverse project experience in planning, design, management, and construction of transportation, educational, institutional, industrial, aerospace, municipal, residential and commercial projects. Mr. Stephan works in multiple capacities as Principal-In-Charge, project manager, project engineer, lead engineer, design engineer, and construction engineer in both the civil and construction management disciplines.

Mr. Stephan:

- Specializes in Project Management, Civil Engineering Design, and Construction Management for municipal Capital Improvement Projects, including pavement design and rehabilitation; ADA improvements; water pipelines; storm drain and sanitary sewers; medians and landscaping; parking lots; site improvements; plan checking; NPDES requirements.
- Provides staff assistance to municipal engineering departments on temporary or part-time basis as needed; provide staff training in project management, design, and construction management skills.
- Manages various funding sources including local, state, and federal-aid projects; SR2S; SRTS; STPL; various grant applications and reimbursement requests.

### RELEVANT EXPERIENCE

**Los Angeles River Bikeway Feasibility Study, Los Angeles County Metropolitan Transportation Authority (Metro), Los Angeles, CA**  
Project Engineer. Mr. Stephan conducted a field review for a bikeway feasibility study along an 8-mile segment of the Los Angeles River channel near downtown Los Angeles and the City of Vernon. This segment runs between the confluence of the Arroyo Seco near the 110 Freeway bridge and Atlantic Boulevard and, due to confined rights-of-way and vertical channel walls, represents a formidable barrier to a future bikeway that will eventually run alongside the entire 52-mile extent of the river. Alternatives analyzed included routes along the channel bottom, mounted on the channel walls, on aerial structures, and on adjacent roadways. Due to the inaccessibility of some of the project sites, he provided aerial drone photography for the field work. The study was conducted for the Los Angeles County Metropolitan Transportation Authority.

**Engineering Services, Program Management, Project Management, Design, and Construction Management, La Habra, CA**

### EDUCATION

BS, Agricultural Engineering,  
California Polytechnic State  
University, San Luis Obispo, CA  
(1982)

### REGISTRATIONS

Professional Engineer (Civil), CA  
#C50481 (1993)

Professional Engineer (Civil), OR  
#1872PE (1995)

Professional Engineer (Civil), HI  
#PE-8432(CE) (1996)

LEED® Accredited Professional  
(2007)

YEAR ENTERED PROFESSION  
1982

PROFESSIONAL AFFILIATIONS  
American Public Works Association

American Society of Civil Engineers





For more than ten years, Mr. Stephan has provided engineering services to the City of La Habra Department of Public Works for the management, design, and construction of various public works capital improvement projects and studies. These projects and services have included annual pavement rehabilitation projects, annual water main replacement projects, arterial rehabilitation projects with federal-aid funding, intersection improvements with federal-aid funding, pedestrian facilities (curb, gutter, sidewalk, ADA ramps) with Safe Routes to School funding, alley reconstruction with CDBG funding, plan checking, bid assistance, federal-aid reimbursements, park facility ADA improvements, athletic fields, survey staking, and storm drain improvements

#### **Transit Mall Improvements, Long Beach, CA**

Civil Designer. KOA provided civil and traffic engineering design services to Long Beach Transit. The goals of the Transit Mall Improvement Project were to replace the existing bus shelters and informational kiosks, create and enhance safe waiting areas, provide full ADA compliance, and improve transit information displays to visually promote public bus transportation and connections with regional bus and light rail service. KOA prepared lighting, drainage, and sidewalk improvement plans, specifications and cost estimates, mobilized a structural engineer to design the new bus stop structure, and conducted a transit operations analysis to make recommendations on transit stop locations and to analyze bus routes and pedestrian connections during the construction phase. Long Beach Transit Mall was awarded ENR Project of the Year for 2011.

#### **190th Street Reconstruction Project, Torrance, CA**

Project Manager. Mr. Stephan guided the design and construction of this Federally Funded \$4.5 million project in accordance with Caltrans Local Programs Procedures, including pavement rehabilitation marking and striping, median landscaping, sidewalk widening, signage, and water improvements.

#### **City of Los Angeles Warner Center Transit Hub, Los Angeles, CA**

Project Design Engineer. Mr. Stephan provided the lead design of the Warner Center Transit Hub project. The transit hub project will change a two-block portion of Owensmouth Avenue into a major transit (bus) interchange area. It includes reconstruction of the entire area, incorporating larger pedestrian and sidewalk spaces, landscaping, decorative concrete, and unique art and architectural features

#### **Off-Site Pedestrian and Traffic Improvements, Culver City Redevelopment Agency, Culver City, CA**

Design Engineer. This improvement project included new sidewalks, ADA compliant ramps, landscape median islands, new traffic signals, relocating utilities, repaving sidewalk enhancements, curb extensions, new crosswalks, traffic calming measures, and NTMP work in the neighborhood.

#### **City of La Cañada Sidewalk and ADA Curb Access Ramp Improvements, La Cañada Flintridge, CA**

Project Manager/Design Engineer/Construction Manager. Mr. Stephan provided project management, design, and construction management for various sidewalk and ADA improvement projects in the City of La Cañada Flintridge.

#### **Community Redevelopment Agency of Los Angeles sidewalk and ADA curb access ramp improvements Los Angeles, CA**

Project Manager/Design Engineer/Construction Manager. Mr. Stephan provided project management, design, and construction management for various sidewalk and ADA improvement projects:

#### **Sidewalk Repair and ADA Ramp Project, La Habra, CA**

Project Engineer/Project Manager/Design Engineer/Construction Manager. Mr. Stephan provided services for the construction and design of this sidewalk repair and ADA curb access ramp project. Construction Cost \$100,000.



**Lambert Rd/Hacienda Rd Rehabilitation and Waterline Replacement Project, La Habra, CA**

Project Manager/Construction Manager. Mr. Stephan provided project engineering/construction management for Caltrans funded arterial rehabilitation of Lambert Road and Hacienda Road, and replacement of water pipelines in the City of La Habra, including ARHM pavement Construction Cost \$2,000,000.

**Lambert Road Sidewalk Gap Closure Project Phases 1 and 2**

**Lambert Road and Beach Boulevard Intersection Improvement Project, La Habra, CA**

Project Engineer. Mr. Stephan provided project and construction management services for the Lambert Road Gap Closure project which filled missing gaps and completed the sidewalk system along both sides of Lambert Road across the entire City. The project also reconstructed the Lambert Road and Beach Boulevard intersection with new signals right turn lanes, and pavement rehabilitation within the Caltrans ROW. This project also included 15' retaining walls, right of way acquisition, curb & gutter, sidewalk, ADA improvements, utility pole relocation, railroad coordination, and landscape restoration in various locations. The project was partially funded with Safe Route to School and STPL funds administered through Caltrans. Construction Cost \$4,000,000.

**Flint Canyon Trail Restoration, La Cañada Flintridge, CA**

Project Manager/Design Engineer. Mr. Stephan provided design, and construction support for various park improvements for this city recreation and equestrian trail stabilization project. The City desired to repair an existing recreational trail in Flint Canyon which is constructed on a steep slope above a creek channel, and below the adjacent 210 freeway. The slope experienced continual erosion, which resulted in narrow trail sections and vertical slopes. Permanent repair was recommended for long-term stability of the slope; however required significant time to coordinate with various agencies and permitting processes, and costs for implementation. Also, the Army Corps of Engineers studied the region, inclusive of Flint Canyon, for long-term restoration projects. Meanwhile, the City desired to pursue short term repair to stabilize the upper portion of the slope. KOA provided services from project concept to completion and maintenance services thereafter. Construction contract documents for the proposed work, consisting of plans, specifications, and engineer's estimate of construction cost, Caltrans Coordination, Construction Bid Support, RFI Coordination/Submittal Review, Preconstruction Meeting attendance/support, and Construction Support.

**Bridge Repair and Inspection Project, La Habra, CA**

Project Engineer. Mr. Stephan provided project engineering for structural investigation and repairs to existing bridge structures in the City of La Habra.



**SCOTT VOIGT**  
CONSTRUCTION MANAGER

**PROFESSIONAL EXPERIENCE**

Mr. Scott Voigt has 18 years of experience in the field of traffic engineering design and construction management/support. His skills include traffic signals (new signals and modifications), lighting (street, pedestrian, bridge, safety), traffic signal synchronization, traffic signal interconnect, striping, signing, traffic control, civil plans and profiles, utility profiles, storm drains, sewers, water, roundabouts, traffic circles, and street widening. He is savvy in the use of AutoCAD and MicroStation drafting tools, but is also knowledgeable in the Synchro and Adobe Illustrator software programs. Mr. Voigt leads all capital improvement project work undertaken by KOA's Orange County office.

**PROJECT EXPERIENCE**

**City of Palm Springs Ramon Road Bridge Widening PS&E (Federal-aid)**

Mr. Voigt provided the City with final design and construction support services related to the Ramon Road Widening (San Luis Rey Drive to Landau Boulevard, including the Whitewater River Bridge Widening), (City Project #08-25), Federal Aid Project No. BHLS 5282(040). The intent of this project was to widen Ramon Road to its 6-lane divided arterial roadway cross-section, including widening of the existing Ramon Road Bridge (State Bridge No. 56C-0287), and additional turning lanes at key intersections. The scope of work included signal plans for Ramon Road at Landau Boulevard, Ramon Road at Crossley Road and Ramon Road at San Luis Rey Drive.

**City of Palm Springs Vista Chino PS&E (Federal-aid)**

Mr. Voigt provided the City with final design phase services and construction support related to the Vista Chino Low Water Crossing Replacement (New Bridge) at the Whitewater River, (City Project #10-10), Federal Aid Project No. BR-NBIL(513) (hereinafter the "Project"). The intent of this project is to replace the existing 4-lane Vista Chino low-water crossing over the Whitewater River channel with an all-weather crossing consisting of a bridge spanning across the channel. The scope of work generally includes all professional engineering services associated with completion of the Plans, Specifications and Estimates ("PS&E"), Right-of-Way Appraisal and Acquisition, Utility Relocation Coordination, and provides engineering design support during the Construction Phase. The preparation of the contract documents shall comply with applicable local, state and federal regulations, policies, procedures, manuals and standards necessary to obtain project approvals from various regulatory agencies.

**OCTA Rose Drive/Tustin Avenue Grade Separation, Placentia/Anaheim, CA**

As part of a larger consultant team, Mr. Voigt provided traffic engineering and planning work for the project. KOA prepared a traffic study to analyze the feasibility of constructing a grade separation for Rose Drive/Tustin Avenue at Orangethorpe Avenue and the BNSF Railroad. The study analyzed expected traffic conditions for four alternative grade separation geometrics to determine which configuration would most effectively meet future traffic demands. Level of service, delay, and queue length by movement were analyzed for more than 15 intersections in the immediate project vicinity. Mr. Voigt assisted in the refinement of several traffic engineering considerations for each of the alternative geometrics. Mr. Voigt prepared construction-area traffic control plans for staged roadway widening and bridge construction and conducted a field review of utilities for potholing. Mr. Voigt provided street lighting plans,

**EDUCATION**

BS Coursework, Construction Management, ITT Technical Institute, Orange (projected 2017 graduation prior to school closure)  
AS, Drafting, ITT Technical Institute, San Diego (2002)

**YEAR ENTERED PROFESSION**  
2000

**YEAR STARTED WITH FIRM**  
2005

**CERTIFICATIONS**

Autodesk Update  
MUTCD Workshop

**KEY QUALIFICATIONS**

Civil Design  
Construction Management  
Construction Support  
Computer-aided Drafting  
Drafting  
Utility and Railroad Coordination  
Signal Synchronization  
AutoCAD



signing and striping plans, and a traffic signal modification plan to upgrade the entire roadway widening and the grade change area resulting from construction of the overpass.

#### **City of La Mirada Imperial Highway Signal Upgrades Project PS&E**

Mr. Voigt managed the signal modifications and improvements for the Imperial Highway Signal Upgrades Project in the city of La Mirada. The project consisted of upgrading all obsolete poles to current Caltrans standards, upgrading pedestrian push buttons and heads to count-down type, upgrading vehicle heads from 8" to 12" LED, upgrading current IISNS signs to new reflectorized street name sign (RSNS), upgrading high pressure sodium safety lighting to LED, and painting existing signal equipment to match existing signal equipment. The project locations were at the intersections of Imperial Highway and La Mirada Boulevard, Imperial Highway and Cordova Road and Imperial Highway and Oxford Drive. Mr. Voigt's role also included overseeing the design plans; creating the project specifications and estimates; and assisting the city of La Mirada with the bid documents, attending the pre-bid meeting, the pre-construction meeting as well as assisting the city with construction management assistance, change orders, and the review of RFI's, submittals and creating As-Built plans.

#### **City of La Mirada La Mirada Boulevard Signal Upgrades Project PS&E**

Mr. Voigt managed Capital Improvement Project Number 2015-14 which consisted of signal modifications and improvements for the La Mirada Boulevard Signal Upgrades Project in the city of La Mirada. The project consisted of civil work for the reconfiguration of two existing driveways at the intersection of La Mirada Boulevard and Hutchins Drive and upgrading 9 signals along the La Mirada Boulevard corridor. The upgrades included the removal of all obsolete poles to current Caltrans standards, upgrading pedestrian push buttons and heads to count-down type, upgrading vehicle heads from 8" to 12" LED, upgrading current IISNS signs to new reflectorized street name sign (RSNS), upgrading high pressure sodium safety lighting to LED, and painting existing signal equipment to match existing signal equipment. Mr. Voigt's role also included overseeing the design plans; creating the project specifications and estimates; and assisting the city of La Mirada with the bid documents.

#### **City of Anaheim Various Citywide Traffic Signal Designs**

KOA has been retained by the City of Anaheim for the design of traffic signals and modifications for various City capital improvement projects. Tasks have included:

- Tustin Avenue at Pacific Center Traffic Signal Design
- Magnolia Avenue and Winston Street (New Signal)
- Katella Avenue and Harbor Boulevard
- Plan Checking Services

#### **Port of Long Beach South Water Front/Pier J Bike/Pedestrian Path (Federal-aid)**

KOA is helping the Port design their first bike path, which will run adjacent to various tourist attractions. A combination of bikeway classes (I, II, and III), innovative bike facilities, landscapes, wayfinding signs, public art/display boards, and three crescent piers will be provided for pedestrians and bicyclists along the south shore ocean front area that includes access to the hotels, the Harbor Light Yacht Club, the Reef Restaurant, Harry Bridges Memorial Park, Catalina Express charter services, the Russian Submarine Scorpion, the RMS Queen Mary, Carnival Cruise Lines terminal, Island Express Helicopters, and the recreational fishing area along the riprap lining the east shoreline of Pier J. KOA managed subconsultants who are performing the structural work and associated architectural, mechanical, electrical, and plumbing for the restroom facility, the cantilevered pier outlook structures, and the retaining walls and performing landscaping and wayfinding services for the project. Mr. Voigt completed field work and plans for signing and striping, lighting, plan and profile for new curb, medians, and retaining walls, and completed utility coordination. He prepared the construction bid document completion schedule, meeting agendas, meeting minutes, and coordinated with the Port of Long Beach and the City of Long Beach. He involved stakeholders affected by the project. Mr. Voigt completed the risk assessment, cost estimates, and technical specifications.



KEVIN HIGGINS  
CONSTRUCTION MANAGER

PROFESSIONAL EXPERIENCE

Mr. Higgins has over 20 years of experience in the construction industry that enables him to work independently or under the direction of others. Placing a strong value on teamwork, he has worked closely with engineers, contractors, designers, landscape architects, agency staff, and other inspectors to resolve field issues. Technical knowledge: Municipal projects, roadways and bridges, land development communities, commercial buildings, flood control channels and basins, infrastructure and dry utility systems, and residential housing. In depth knowledge of CALTRANS Standard Plans and Specifications and road, infrastructure, SWPPP construction practices. He has successfully ran large-scale jobs, in excess of \$80 Million, and supervised crews of up to 50 people on over 20 park-sites, 25 roadway widening projects, over 50 land development community infrastructure projects that included LMD, CFD, HOA and public landscaped areas for numerous cities and agencies throughout Southern California.

PROJECT EXPERIENCE

**City of West Covina – Orangewood Park Soccer Improvements Project No. SP-16018, West Covina, CA: (May 2016-Oct 2017)** Mr. Higgins recently provided Construction Management and Inspection services for this nearly \$4,000,00.00 Soccer park conversion project that consists in general of providing construction management and inspections for the demolition of the existing baseball complex and parking lot, survey, temporary facilities, grading and import fill material, new asphalt parking areas, concrete curb and gutter, various drainage, drain inlets, masonry block walls, poured in place concrete walls, decorative pavers, **concrete and decomposed granite trails**, tubular steel fencing and posts, concrete flatwork, asphalt parking improvements, decomposed granite, playground equipment and amenities, bike racks, trash enclosures and receptacles, BBQ amenities, aluminum bleachers, field turf, landscaping, signage and striping, lighting and electrical, picnic shelters, and a large building that includes concessions, restrooms, lockers, office, and storage areas.

**City of Rancho Mirage - Highway 111 Street Rehabilitation from Bob Hope Drive to East City Limit – Project No. C.P. 13-287, Federal Project No. 5412(013).** Mr. Higgins is currently wrapping up this project and has been providing Part-Time Construction Management for this project at 16-20 hours per week and approximately for 11 weeks during construction activities based on the 75 CALENDAR day work schedule per the project specifications. Mr. Higgins conducts and attends all project meetings, assists the City with Submittals and RFI's, kick-off meetings, as well as constructability review, RE Reports, coordination with the soils company and project inspector, reviewing quantities and invoices for payment, Caltrans project paperwork per the Local Assistance Procedures Manual for Federally Funded projects, and all close out and final reports. The specific work anticipated for this scope includes the construction of the Highway 111 Street Rehabilitation Cold in Place Recycled Paving and Hot Rubberized Asphalt, and Handicap Ramp Modification and Replacement.

EDUCATION

B.S., Business Management, California State Polytechnic University, 1987

CERTIFICATIONS

Certified Construction Manager  
Multiple Management, Project Management, Landscape, and SWPPP Training Courses  
24-Hour and 8-Hour Caltrans SWPPP Certified / Construction Certified

Years with Firm: 7



**City of Corona – On-Call Construction Management and Inspection Contract 2012 – Present.** *Construction Manager* on this ongoing On-Call contract for the City of Corona which has included the City Park Reclaimed Water and Street improvements, Smith Avenue Water Line Project, Rincon Water Line Upgrade and Installation, Palisades Apartment Complex onsite and offsite improvements, Renaissance Tract Development, Encanto Apartment Infrastructure project, Excel Business Park, and other projects since July of 2012. The projects consisted of ductile iron water and sewer lines, underground storage tanks, storm drain systems, cross gutter, curb and gutter and sidewalk improvements, **trails and pocket parks**, trench repair, grind and overlay, street lighting and traffic signals, and other rehabilitation improvements of public and residential streets throughout the City. Mr. Higgins was responsible for reviewing plans and specs, pre-construction meetings, weekly project meetings, providing construction inspectors, approving quantities and invoicing, direct communication with City staff for project details, project documentation and close-out reports.

**Mountain View Park – 5 Acre Park Project, City of Rancho Cucamonga, CA (2000-2001):** Mr. Higgins provided construction management services for this \$4.5 Million park-site project that consisted of a community baseball / softball field, soccer field, basketball courts, tot lots, restroom building, open fields for activities, shelter structures, exercise stations, trash enclosures, contour grading, storm drain, sewer, water, **nearly a mile of meandering sidewalk trail and bike path**, decorative concrete paver walkways, lighting and parking lot area with ADA signage and ramps, hard-scape and landscaping improvements. Reference: Pat Manfredi, KB Home (951)453-8824

**Summit Heights Community 10-Acre Park Project, Fontana, CA:** Mr. Higgins provided the Construction Management for the Construction of Summit Heights 10 Acre Park that consisted of a community baseball / softball field, soccer fields, basketball courts, tot lots, restroom building building, **trails**, green belt areas, shelter structures, exercise stations, bar-b-que stands, trash enclosures, storm drain, sewer and water, meandering sidewalks, lighting and parking lot area with ADA with ADA signage and ramps, block walls, wrought iron fencing, hardscapes and landscaping improvements.

**University Park Development and Park-sites Project, San Bernardino, CA (2007-2008):** Mr. Higgins provided Construction Management services on this \$4 million project and was responsible for plan processing, managing inspections, scheduling, coordinating materials testing, cost control, contracts and change orders and maintained BMPs. Project involved water, hillside grading, storm drain, sewer system, street improvements, 2 park sites (1 acre and 2 acre sites) that included restroom buildings, shade structures, tot lot and playground areas, walls, **trails and sidewalks**, green belt play area, landscape planting and irrigation systems, asphalt parking lots and fire access road, public improvements, roadway expansion improvements, public landscaping areas and slope landscaping, fire systems, weekly and monthly meetings, SWPPP monitoring and maintenance, and permits.

**Land Development Infrastructure and Improvement Projects for KB Home Developments in the City of Rancho Cucamonga, CA: (2002-2007)** Construction Manager - Responsible for construction management of 6 multi-family development projects in Rancho Cucamonga. Projects involved all infrastructure work including drainage, storm drain, sewer, public/private water systems, traffic signals, six miles of block walls, decorative pavers and concrete, decorative cobble and rock blanket installations, SWPPP inspections and reports, dry utilities including Rule 20 underground, 7 small ½ - 1 acre parks, **connected trail systems**, and all public/private landscaping. Projects and duties included plan review, daily dairies, quantity take-offs, bids, contracting, scheduling, asphalt grinding, paving and concrete inspections, and signage and striping, supervision. Projects also included landscaping work and sound walls for Caltrans along the I-15 Freeway in Rancho Cucamonga and Fontana as well. Project Cost: Averaged \$35.5 Million.



LEA REIS, PE

CONSTRUCTION/ PROJECT MANAGER

Ms. Reis has been working on a variety of projects in the City of Rancho Palos Verdes, Long Beach and Anaheim since joining KOA in 2016, which have included: street rehabilitation; building upgrades; CIPP storm drain lining; ADA compliance; and Park projects. She worked in the City of Torrance Engineering Department for the previous 16-years, where she gained extensive experience on a variety of different projects. Her duties ranged from planning and design to advertising projects for bid, developing budgets, managing construction, contract execution and completion. Her supervision experience includes delegating work to Assistant Engineers, college and high school interns, working with the city inspector and contractors to keep track of construction progress, and keeping track of certified payroll, as well as daily and weekly statements. She also has experience with HTML Programming, GIS, AutoCAD, ESRI ArcMap, Microsoft Suite, and Microsoft Projects.

#### RELEVANT EXPERIENCE

##### **City of Redondo Beach, Inspection and construction Management Services for Street Rehabilitation:**

Construction Manager- Managed construction in coordination with the City of Redondo Beach, answered Requests for Information, reviewed submittals, created and tracked change orders and construction quantities in coordination with inspector for monthly Progress Payments. Liaison between contractor, Caltrans, and various departments within the City of Redondo Beach.

##### **City of Anaheim, Inspection Services for the Brookhurst Widening from I-5 to SR-91 Project:**

Construction Manager- Managed construction in coordination with the City of Anaheim, answered Requests for Information, reviewed submittals, created and tracked change orders and construction quantities in coordination with inspector for monthly Progress Payments. Liaison between contractor, Caltrans, and various departments within the City of Anaheim.

##### **Palos Verdes Boulevard Rehabilitation:**

Project Manager, responsible for acquiring a design firm through Request for Proposal process. Provided plan review for 30% through the final plans. Advertised the project for bid, and created agenda to award the Construction contract. Construction/Project Manager- Managed construction, answered Requests for Information, reviewed submittals, created change orders and tracked quantities in coordination with inspector for monthly Progress Payments. Liaison between City of Redondo Beach, Caltrans, local HOA, and various departments within the City of Torrance.

#### EDUCATION

MS, Business Administration,  
New York Institute of Technology,  
New York, NY

BS, Aerospace Engineering,  
University of Southern California,  
Los Angeles, CA

#### REGISTRATIONS/ CERTIFICATIONS

Professional Engineer (Civil), CA  
#85395

#### YEAR ENTERED PROFESSION

1999



**City of Torrance, Associate Engineer, Engineering Department, Torrance, CA**

Project Engineer for Capital Improvement Projects. Managed projects from design to advertising for bid, to budgets, construction, contract execution and completion. Duties include but are not limited to, procuring consultants, designing and plan checking, Engineering estimating, budget preparation, bid and specification preparation, council agenda preparation and presentation, contract award, construction management, project closeout, and working with representatives for grant funding. As Associate Engineer, she stays informed of Caltrans and Standard Plans for Public Works Construction standards, ADA compliance and standards, MUTCD and other policy or agency requirements. Work on AutoCAD and ArcView to create plans and exhibits.

**City of Torrance, Assistant Engineer, Engineering Department, Torrance, CA**

Assistant Engineer. Research, design and revise Public Works improvement plans for water and sewer rehabilitations throughout city, under supervision of Licensed Civil Engineer. Prepare traffic control plans. Prepare RFP and agenda items. Work on AutoCAD and ArcView to create plans and exhibits. Created reports for new Permits System; create weekly maps and reports on ARC view for Division Engineer concerning current excavation and construction. Work as Engineering Department Administrator for city website, including HTML programming for Engineering page, and JPEG image downloading. Liaison for pending e-apply process of the Engineering department. Assist with plan checking and cost estimates for sewer, water, storm drain, and petroleum plans and permits. Update base maps on AutoCAD. Prepare Council Agenda and other legal descriptions and documents. Assistance with project management.

**City of Torrance, Engineering Tech II, Engineering Department, Torrance, CA**

Engineering Tech II. Ms. Reis creates reports for new Permits System; create weekly maps and reports on ARC view for Division Engineer concerning current excavation and construction. Work as Engineering Department Administrator for city website, including HTML programming for Engineering page, and JPEG image downloading. Liaison for pending e-apply process of the Engineering department. Issue permits for all work in public-right-of-way.

**City of Torrance, Engineering Tech I, Engineering Department, Torrance, CA**

Engineering Tech I. Ms. Reis created reports for new Permits System; create weekly maps and reports on ARC view for Division Engineer concerning current excavation and construction. She developed department manual for all aspects of Engineering Department. Issue permits for all work in public-right-of-way. Assist with plan checking for sewer, water, storm drain, petroleum. AutoCAD experience.

**Viagem-Brazilian Luncheonette, CA**

Restaurant Designer. Ms. Reis designed and drafted restaurant floor layout for permits and occupancy. She conducted contractor bidding for kitchen construction. Obtained permits required to open restaurant, and continued to maintain quality control to keep the restaurant at an "A" rating.

**Successfully Completed Projects**

- Historic Pacific Electric Railway- El Prado Bridge Beautification - \$300,000
- Torrance Centennial Park Construction - \$180,000
- CDBG Sidewalk Repair for Handicap Accessibility Project- \$2.5 M



**Ms. Reis has played the role of Project Manager on the following projects:**

- Eastview Park, Dog Park and Park Improvement- Rancho Palos Verdes, CA- Design and Construction of new Dog Park.
- Brookhurst Street Improvement Project- Anaheim, CA- This project includes street widening and bioswale for storm drain mitigation.
- Pearson Park Recycled Water Tank- Anaheim, CA- New tank to store recycled water.
- Parcel B: Economic Development Division, Culver City, CA – The project included a public plaza, subterranean parking and mixed use development
- Residential Rehabilitation Area 2 and 6, Rancho Palos Verdes (RPV), CA
- Annual project for PCC and AC repair and the resurfacing of roads
- Annual Sidewalk Repair, RPV, CA
- Sunset Room Remodel at Point Vicente Interpretive Center, RPV, CA
- Lower Hesse Park, RPV, CA – Redevelopment of the park to include trails and features
- Ladera Linda Park, RPV, CA - Design of a building repurposing project
- Altamira Canyon, RPV, CA – Project Study Report for a major storm drainage system in the Altamira Canyon
- Annual Fuel Modification Contract, RPV, CA – Fire mitigation program
- Cable Building - IT and telecom upgrades for City Hall, RPV, CA
- Annual Pavement Restriping contract, RPV, CA
- Pavement Management Program, RPV, CA



## CRISPEN COLE

SENIOR CONSTRUCTION INSPECTOR

### PROFESSIONAL EXPERIENCE

Mr. Cole has over 35 years of varied construction and construction inspection experience including bridges, rail, piers, marinas, public facilities, water, sewer, & storm drain lines, and streets and sidewalks. Crispin performed numerous inspection services with KOA for Streets & Sidewalks, and Water & Sewer. In addition, he is our key inspector for Bridge, Rail and Pier projects. Mr. Cole is certified as Competent Person Underground and familiar with pipe-fitting standards.

**City of Glendora, Amelia Avenue – Auto Center Drive Water Main Replacement Project, Plan No. 1118, Glendora, CA (2014): Construction Inspector.** Mr. Cole recently provided construction inspection services for this project that consisted of approximately 6,500' lineal feet of 8-inch, 14-inch, and 16-inch ductile iron pipe and appurtenances, new services, fire hydrants, and 20 tie-ins to existing water lines. The project construction period is 160 working days and the majority of work associated with this project requires lane closures per the project specifications that are limited to 9:00AM to 3:00PM. Mr. Cole is providing daily construction reports, quality control and inspection services, communicating with the City's Project Manager, overseeing the traffic control and construction activities, monitoring safety and SWPPP BMP's and working with the contractor and soils testing firms to ensure the project is being constructed according to the project plans and specifications.

**City of Glendora, Zone 4 Waterline Replacement Project, Plan No. 1080 Glendora, CA (2014-15): Construction Inspector.** Mr. Cole is currently providing full-time construction inspection services for this project that consists of approximately 6,120' lineal feet of 8-inch, 10-inch, and 12-inch ductile iron pipe and appurtenances, new services, fire hydrants, and tie-ins to existing water lines. The project construction period is 120 working days and the work involved private easements and a connection to a water tank that was being constructed at the same time. Mr. Cole is providing daily construction reports, quality control and inspection services, communicating with the City's Project Manager, overseeing the traffic control and construction activities, monitoring safety and SWPPP BMP's and working with the contractor and soils testing firms to ensure the project is being constructed according to the project plans and specifications.

**City of Garden Grove "On-Call" Contract, Garden Grove, CA: Construction Inspector.** Mr. Cole performed public works and private development inspections on various projects for the City. Projects included storm drain, sewer and water replacement and new installations, street improvements, and other projects. Mr. Cole provided daily construction reports, quality control and inspection services, communicating with the City's Project Manager, overseeing the traffic control and construction activities, monitoring safety and SWPPP BMP's and working with the contractor and soils testing firms to ensure the project is being constructed according to the project plans and specifications.

**Water Main Installation & Replacement, Manhattan Beach, CA: Construction Inspector.** KOA provided Construction Management and Inspection services to the

### EDUCATION

American University in Beirut  
A.A. Business Administration,  
Northern Arizona University  
(1975)

### CERTIFICATIONS

Qualified SWPPP Practitioner (QSP)  
#22536  
Certified Erosion, Sediment and  
Storm Water Inspector (CESSWI)  
#2602  
Competent Person Underground  
Certified  
Years with Firm: 10



City of Manhattan Beach for citywide water line repairs. Mr. Cole was the inspector on the new line water line that was constructed with over 20,000' linear feet of Ductile Iron Pipe. The project involved both mainline and services, fire hydrants, and all appurtenances. Repairs and Installation within the high profile residential district were successfully coordinated in response to resident concerns throughout the area. Cris was responsible for daily inspections, reports, SWPPP compliance, contractor and materials testing coordination, schedule review, attending meetings, pressure testing, bac-T testing oversight, punch lists, and project close out.

**San Ramon Storm Drainage System, Rancho Palos Verdes, CA:** *Construction Inspector.* This was a major drainage project, which diverted storm water flows, from the San Ramon canyon, through a massive inlet structure being constructed within the canyon. Two 80-inch diversion tunnels and 4,000-feet of thick-walled steel storm drainage pipe to transport storm water through the South Shores landslide, and onto the beach at the toe of the bluffs. Multiple agencies were involved in the project including the City of Los Angeles, the County of LA, Coastal Commission, the Department of Fish and Wildlife, Army Corps of Engineers and Water Quality. Construction Cost \$20,000,000.

**Trench Infiltration, Hermosa Beach, CA:** *Construction Inspector:* This project installed a diversion structure, pump station, and infiltration field to divert low-flow storm drain system runoff from beach areas to a subsurface percolation field. Construction took place in the developed area around the pier, requiring significant coordination with City staff, lifeguards, and businesses. Permitees included the City, Los Angeles County and the Coastal Commission. The project was financed with ARRA funding. KOA provided construction project management and inspection services, as well as assistance for federal-aid funding requirements and reporting.

**Torrance Blvd. Rehabilitation, T-43/44, Torrance, CA:** *Construction Observer.* The scope of work consisted of the grinding and removal of existing pavement, concrete and asphalt paving, pavement slurry seal, removal and reconstruction of sections of the street, construction of curb and gutter, sidewalks, driveways, ADA ramps, irrigation and landscaping of existing medians, striping and adjustment of utilities and other work. In addition to the above the project involved the removal and replacement of 50,500 SF of residential sidewalks, and the removal and replacement of cross gutters at 9 intersections.

**T1 Vault Upgrade, City of Torrance, CA:** *Construction Inspector.* The rehabilitation of the T-1 vault involved the upgrade of the vault structure to comply with the current code for confined space. As part of the project, the roof of the vault was replaced and walls were strengthened. The existing 20" & 12" steel pipes were replaced with new pipes, similar diameters to the existing pipes. The existing four flow meters were replaced with two new flow meters with remote control capabilities.

**Sepulveda Boulevard from Hawthorne Blvd to City Limit, Torrance, CA:** Public Works Road Construction, Shawnan Engineering, Complete removal to depth of 1.3' and reconstruct. Project included new water main, services, and all appurtenances, curb, gutter, turn lanes and signals.

**Civic Plaza Park Project Pump Station, City of Fontana, CA:** *Project Superintendent/Structural, L.A. Engineering.* Project included architectural curb, gutter, sidewalk, fountains, stamped and colored PCC street intersections and pump station with extensive piping, deep excavation to 30 feet and shoring. The project also required architectural grading to +0.05' and extensive L&I.

**Filtration and Aeration Tanks, City of Ontario, CA:** *Project Foreman, Schuler Engineering.* Project included the Construction of new additions to the existing facilities without disruption to daily operations.

**Pump Stations & Waterworks, Various Locations, CA:** *Foreman/Mechanical, Schuler Engineering.* Construction of various water pump stations for IRWD, requiring structural and Mechanical experience in numerous fresh water facilities from Apple Valley to Orange County including DYK structures in Anaheim Hills and Lift station rehabilitation.



**GORDON D. ROBERTS**  
CONSTRUCTION INSPECTOR

**PROFESSIONAL EXPERIENCE**

Mr. Roberts has over 40 years of energetic, reliable strong commitment to professional work ethic, and diverse experience in progressively responsible positions from heavy equipment operator to superintendent to general engineering & building contractor including multiple trade's contractor to project designer and inspector. Years of experience working with a paving and slurry contractor. Mr. Roberts interacts cooperatively at top management levels with input into planning, safety, goal setting, operations, and policy decisions. and building code implementations. Mr. Roberts possesses authoritative knowledge of building codes and regulations, plan reading and interpretation, multiple trades and overall respected construction practices. Mr. Roberts interacts cooperatively with architects, engineers, general contractors, inspectors, other supervisors and the public. Mr. Roberts conveys excellent communication and interpersonal skills; interacts well with widely diverse groups; easily gains confidence and cooperation; additionally, bi-lingual utilization of his construction / conversational Spanish proves a strong field communication asset. Mr. Roberts has managed crews of 30+; stressing quality work and safety. Hired, trained, and developed crews to work independently with continued priority to safety situational awareness. He also speaks Spanish well.

**Project Experience**

**2016-17 CDBG Sidewalk Improvement Project, Corona, CA:**

*Construction Inspector* – Mr. Roberts is currently providing construction inspections on this CDBG Sidewalk rehabilitation project in various areas throughout the City that will be completed by November. Gordon is providing full time inspections for the installation of miscellaneous PCC sidewalk of about 55,000' square feet, approximately 600' Linear feet of curb and gutter, the construction of 8 ADA handicap ramps improvements, and miscellaneous asphalt improvements at various locations throughout the City and any other related work associated with this project. Gordon provided daily inspections and reports, verified quantities, utilized GPS for work locations, coordinated with the contractor and any soils testing, verified labor compliance and tracked all locations in each phase within the project boundaries.

**City of Downey, CIP Project No. 17-16 – True Avenue Water System Improvement Project – Construction Inspector:**

Mr. Roberts provided City Inspection on this water line project that consisted of the rehabilitation and installation of a new 10" and 12" Ductile Iron Water Line mainline and services, fire hydrants, and all appurtenances, concrete improvements and asphalt improvements. He performed Daily Inspections and completed Daily Construction Reports, coordinated with the contractor and engineer, maintained project files and all other related duties.

**Los Angeles Pier 400 Project – Army Corp of Engineers 600 Acre Man Made Island & Harbor Depth Extension: Earthwork & Grading Project**

**EDUCATION:**

**California State Contractor Trade School & Licensing** – General (A)/Engineering (B)/ plus Specialty Trades & Certifications

**OPERATING ENGINEERS, LOCAL 12- JOURNEYMAN TRAINING-** Certified HAZ-MAT Handling, Safety Management, Equipment Operator for Infrastructure Earthwork, Grade Checking & Plan Take-off, Heavy Equipment Mechanical Repair, Maintenance & Safety Practices.

**Trade & College Courses** –Drafting & Plan Design, Metallurgy Safety, Welding, Cutting & Compressed Gas Practices, Basic Spanish

**Law Enforcement Academy (San Bernardino County)** – Level II Reserve Officer Training , Aviation Search & Rescue Volunteer Training

**EVOC** – Emergency Vehicle Operations Center Instructor Training

**Heiser Helicopter Flight School-** FAA Rotor Pilot Training

**Computer Software-** Structure Studios: *Vip3D Pool Studio & VizTerra, AutoCad, MS Office Suites, Corridor:* Asset Maintenance & Repair Tracking Management.

**CERTIFICATIONS:**

**CSLB License (#301013) 1974 – Present:**

- \* (A) General Engineering
- \* (B) General Building
- \* (C-12) Earthwork & Paving
- \* (C-21) Building Moving & Demolition
- \* (C-27) Landscape
- \* (C-42) Sanitation Systems Installation
- \* (C-53) Swimming Pool, Spa, Hot Tub & Solar Heating Installation

\* (Haz) Hazardous Substance Removal

\* (HIC) Home Improvement Certification

\* Sanitation System Inspector & Issue System

**Certifications**

\* IUOE - Journeyman Operator – Multitude of Heavy Equipment, ie

(Graders, Dozers, Excavators, Loaders, Scrapers, Drill Rig & Clamshell)

\*Certified Forklift Operator & Instructor

\*Certified GPS & Laser Tech – Infrastructure & Earthwork Setting

\*First Aid & CPR (Current Cert to April 2019)

\*Fall Protection Safety Practices

\*Competent Person OSHA

\*Underground Service Alert

\*Jobsite Barrier Safety: Run-off & Debris Containment

\*Traffic Control & Flagger Safety

\*DMV Class AM1 / TPX License: Passenger/ Dbl/Trpl Trlrs/ Tankers,

\* FAA Rotor Pilot Flight License (Private) & Aviation Observer

\*Search & Rescue Team Volunteer Aviation Observer

\*Certified EVOC Driving Instructor for Volunteers Force –

(EVOC) Emergency Vehicle Operation Center- SB County Sheriff

\*Firearm Safety Train Tech

\*Situational Awareness Specialist, Operations & Rescue

Years with Firm: 2

*Contractor & Inspector.* Project consisted of dredging the depth of existing harbor sea floor to accommodate entry of super container vessels and create earthen pier. Mr. Roberts was integrally involved in all phases of this multifaceted challenging onsite; offsite compaction project. Mr. Roberts was instrumental in the development and inspection of methods paramount to overcoming the challenges of working with heavy earthmoving equipment in conditions of liquified dredged material to create specified material compaction tolerances over the entire infrastructure pier project. Mr. Roberts supervised & inspected Piling Installations and Support Systems to accommodate installation of multiple High-Lift Container Cranes. Additionally, sustained 100% compliance to protect declared Endangered Species with creative development of Sanctuary Areas throughout on-going project. He maintained Daily Reports, project paperwork, ensured safety and compliance.

**Otay Mesa Project – Don Nelson General Contractors - 800 Home Development Project – Multi-Stage**

**Subdivision Contractor & Inspector:** Mr. Roberts supplied under contract Operated Earthmoving Equipment required to perform all aspects of grading plans for roughing in to finish grade specifications for subdivision. Mr. Roberts provided onsite supervision and inspection of each stage of the project's progression through rough grading to finish grading specifications for streets, curb & gutter, utilities, house pads, slopes and infrastructure. Performed in-house inspections to ensure work was properly completed per the project plans and specifications. Worked closely with soils engineers to identify areas requiring special attention to ensure all areas of material would pass within +/- tenth of compaction specifications. Mr. Roberts worked closely with general contractor to develop an overall cost-saving approach to balance the material for each job section. Maintained Daily Reports and project paperwork, ensured safety and traffic control was in place, SWPPP Compliance, coordination, attended meetings and all related duties.

**241 Transport Corridor Project (24.5 miles) - Silverado Constructors Roadwork- Rough & Finish Grading – 91**

**Freeway to Santa Margarita - Heavy Equipment Operations Project Contractor, Supervisor & Inspector.** Mr. Roberts was under contract to supply & maintain 60 units of Operated Earthmoving Equipment (Dozers, Scrapers, Graders, etc) for the duration of two years to complete the earthwork & grading portion of this project. Mr. Roberts was directly involved onsite providing inspections and daily collaboration with Silverado Constructors' Design Team and Inspections to insure compliance with Cal Trans specs and plans under problematic conditions due to pockets of varying problematic ground material conditions (i.e. granite, clay, immense boulders, etc). Mr. Roberts was responsible for the supervision of operators, equipment maintenance, safety meetings, drafting reports in coordination with daily project compaction compliance documentation. Mr. Roberts was also incorporated for inspections of relocation and/or placement of utilities, storm drains with varying pipe up to 7' diameter reducing down to 6" for future connections for sewer and water, bridges & underpass and subgrades.

**Ontario Oak Street & Phillips – 60 House Track - Contractor for all phases of Onsite / Offsite Work**

**Contractor:** Mr. Roberts graded the entire job, installed all sewer mains 10", 8", 6" and laterals, man holes and compaction work. Mr. Roberts worked closely with soils technicians for 90% & 95% compaction on job side. Mr. Roberts installed all ductile iron pipe and all hot taps. Mr. Roberts worked with builder and inspectors on solving, recording, daily reports, and picture documentation. Mr. Roberts installed all fire hydrants and water services to new homes. Mr. Roberts installed curb and gutter, sidewalks, drive approaches and all asphalt repairs and replacements. Mr. Roberts provided all the underground for Edison and aid in removing and coordinating existing poles to be removed for new underground services. He installed all transformers with Edison. Installed all the storm drain work and removed old irrigation system from once was orange groves. Also, Mr. Roberts provided all pre-watering demo of orange grove, septic systems on old existing houses. Mr. Roberts paved all streets and worked closely with inspectors to end up with beautiful projects performed by his company. Inspectors commented they appreciated working with only Mr. Roberts' company for all phases of work.



## DAVID PASTOR

LEAD CONSTRUCTION INSPECTOR

### PROFESSIONAL EXPERIENCE

Mr. Pastor is a motivated construction inspector highly effective at finding the best methods possible to complete exceptional construction projects. Strong knowledge of civil engineering principals and concepts. As a lead engineering inspector offering a comprehensive knowledge of the principals, techniques and instruments used in surveying and civil engineering drafting. Mr. Pastor has over 25 years of experience in public works construction, inspection and oversight on various sewers, water, grading and paving projects. He has overseen small to large Capital Improvement projects, inspections of new water lines, sewer lines, pump stations, wells, storm drain, paving and street improvement, & other public works that pertain to tract development improvements. Mr. Pastor has also served as Construction Project Coordinator for recycled water pipelines with the Inland Empire Utility Association and **Cucamonga Valley Water District for over 25 Years.**

### PROJECT EXPERIENCE

**1630 East Recycled Water Pump Stations and 1299 East Reservoir Conversion, Cucamonga Valley Water District and the Inland Empire Utility District, Rancho Cucamonga, CA:** *Project Coordinator / Inspector* – This project involved a reservoir conversion and pump station for CVWD. Dave performed daily inspections and completed reports with color photographs, documenting “as-built” drawings, monitoring traffic control and public safety as well as trench safety and attending weekly progress meetings with other agencies involved or affected by the project.

**1299 East Recycled Water Booster Station Cucamonga Valley Water District and the Inland Empire Utility Agency:** *Construction Inspector* - This was a joint venture with IEUA with funding through the Right to Recovery Act. CVWD was the CM on the project Mr. Pastor was the Project Inspector which included daily inspection reports, scheduling ACI inspectors for any concrete, rebar, masonry installation, “as-built” drawings trench safety traffic control street improvements and grading. Scheduling weekly progress meetings with other agencies involved with the project.

**1 C Booster Station East Ave CVWD:** *Project Inspector* – Dave performed daily inspections, completed daily inspection reports, overseeing the construction of the booster station and ensured that the contractor followed the Standard Specifications during construction, weekly progress meetings, grading, trench safety, street improvements including curb and gutter and sidewalk. Coordinate with other agencies throughout the entire job. Mr. Pastor would have the contractor Hydrostatic test the main, and disinfect with chlorine then take the Bac-t samples with plate count.

**30” Wilson Trunk Line CVWD:** *Lead Construction Inspector* on this project that consisted of 2,000’ of 30 CML&C, 4,400’ of 24” CML&C. This main line was installed with no curb & gutter the entire main was surveyed with grading stakes

### EDUCATION

College Coursework  
University of California, Riverside  
University Extension Construction Management  
Mt. San Antonino College Certificate of Achievement Water Technology

### CERTIFICATIONS

OSHA  
Grade 4 Water Distribution Operator/California State Health Department  
Grade 2 Collection System Technology/California Water Environment Association  
Grade 4 Water Treatment Plant Operator/California State Health Department  
Cross-Connection Control Program – Specialist  
Cross-Connection Tester San Bernardino County  
Competent Person OSHA  
Confined Space Awareness Operation & Rescue  
Traffic Control and Flagger Safety Work Platform and Fall Protection  
Ariel IVES Trainer  
Forklift and IVES Trainer  
FEMA IS-00100.PWb, IS-00200.b, I-300, IS-00700.a, IS-00701.a, IS-00703.a, IS-00704, and  
IS-00800.b Courses

Emergency First Aid and CPR  
Confined Space Operations and Rescue  
NUCA Competent Person Certified



with a flow-liner and laser for the entire job. Daily construction report with color photos, "as-built", plans as we installed the pipeline. We had to cross under the Cucamonga flood control channel. This part of the pipe was encased inside welded steel casing with 4" air- vac, and 4" blow-offs where needed. The channel would be built later after the bridge was constructed. Mr. Pastor would have the contractor Hydrostatic test the main, and disinfect with chlorine then take the Bac-t samples with plate count.

**Fourth Street Sewer Retrofit CVWD:** *Lead Construction Inspector* on this project that consisted of 2,400' of 24" VCP sewer that was installed in the north bound lane of Fourth St. the invert of the sewer was 17' a shield was used two 8'x 20' steel shields stacked on top of each other. There was also a jacking pit and receiving pit where 45' of the 24" sewer needed to be bored because of conflicting utilities. Strict guidelines had to be met during the boring phase of the job Mr. Pastor contacted OSHA to be involved because the boring falls under mining procedures OSHA had to sign off on all the safety aspects of the boring procedure. Mr. Pastor was in constant communication with his associates at CVWD. Dave would hydrostatic test the main on completion.

**Church Street Lateral CVWD Recycled Water:** *Lead Inspector* on this project that had 2,200' of 36" CML&C, 2,700" of 12" CML&C the entire project was solid welded shoring jacks were installed where each joint was welded. On the 36" pipe some of the welding was performed inside the pipe blowers were set up to deliver fresh air to the welders inside the pipe, atmosphere sniffers were used with the welders to test the air. This required confined space with hot permits constant monitoring was performed at that time. Safety is the main concern during this part of the job. As-built plans daily construction reports along with confined space hot permits were kept on a daily routine.

**1630 East Recycled Water Pipeline, Cucamonga Valley Water District and the Inland Empire Utility District, Rancho Cucamonga, CA:** *Project Coordinator.* The 1630 pipeline consisted of several miles of 36" CML&C pipe and valves that crossed under freeways and main thoroughfares, at varying depths and in three different cities including Caltrans right of ways. Related duties on this project included daily inspection reports with color photographs, documenting "as-built" drawings, monitoring traffic control and public safety as well as trench safety and attending weekly progress meetings with other agencies involved or affected by the project.

**Baseline and East Avenue Widening Projects by Developer KB Home, Rancho Cucamonga, CA:** *Construction Inspector.* Inspector in charge of new water and sewer installations for the future condo development and housing tract by KB Home south of Baseline Road as well as the Townhome project on East Avenue, the relocations of water, sewer and residential utilities while coordinating with the City of Rancho Cucamonga's Project Engineer and Inspector on both widening projects on East Avenue and Baseline Road. This project included daily inspections on CVWD water lines and sewer lines, manholes, fire hydrants, air vacuums, valves, and backfill and compaction to ensure that CVWD standards were met by the contractor.



**THE ALLIANCE GROUP  
CONSULTING**

**Education/Credentials:**

Don Bosco College  
Santiago Canyon College  
Twining Laboratories in house training  
Inspection Dynamics  
Contractor's License Exam Center

**Professional Registrations**

ICC- Structural Steel Welding  
ICC- Reinforced Concrete  
ICC- Reinforced Masonry  
ACI- Concrete Field Technician Grade 1  
AWS- Certified Welding Inspector

**Years of Experience:**

20

**Michael Tran**  
**Senior Inspector**

Mr. Tran has a well-rounded knowledge of the construction industry and has spent 20 years as an ICC structural concrete, anchor

installation, and structural steel inspector. He has extensive experience in construction, field inspection, quality assurance and quality control services, which involve Caltrans Metro, and public works projects such as sound wall, grading, CIDH pile, electrical conduits, barrier, DTi washers, sign trusses framings, bridge, concrete placement, reinforcing steel bars welding, light rail underground, aerial, and At Grade stations, utility relocation, storm drain, sanitary sewer, CSM soldier piles, catch basin, curb and gutter, driveway, sidewalk, PCC concrete and asphalt pavement, traffic signal and street light foundations, and so on. His experience provides him a knowledge of Caltrans and Appendix A Codes, Green Book, LA City standard plans, APWA standard plans, CBC codes, and all welding, concrete and masonry codes. Mr. Tran have continuously demonstrated the ability to manage and inspect a construction project so that it is completed safely, efficiently, on schedule, and in accordance with the plans and specifications. He have built a reputation for excellence in the field of related services.

**Relevant Experience**

**Los Angeles County Metropolitan Transportation Authority (LACMTA), Crenshaw/LAX Transit Corridor Project (Design/Build), Los Angeles, CA (QC Inspector), 07/2014-current.** Responsible for the quality control inspection concrete bridges. Performed quality control inspection line and grade of civil work: Storm drain, catch basin, curb and gutter, driveway, sidewalk, concrete and asphalt pavement, traffic signal and street light foundations. Performed quality control inspection of at grade concrete platform stations, aerial stations, direct fix embedded tracks.

**LACMTA, Metro Exposition Light Rail Phase 2, Los Angeles, CA (QC Inspector), 07/2013-07/2014.** Responsible for oversight inspection for testing of the structural steel welding, concrete placements, earthwork operations, and the installation of H.D.P.E, lagging, Rebar, Plumbing, and Electrical on this 6.6 mile long Light Rail Track project which will include 5 at grade stations, 2 aerial stations and 7 Bridges. Performed quality control inspection of at grade concrete platform stations, aerial stations, direct fix embedded tracks, storm drain, catch basin, curb and gutter, driveway, sidewalk, concrete and asphalt pavement, traffic signal and street light foundations.

**Caltrans/Metro, I-405 and I-605 Soundwalls Package 6&8, Los Angeles, California (QC Inspector), 01/2013- 07/2013** Responsible for inspection reinforcing steel bars and concrete CIDH pile and CMU placement for sound wall. Performed welding inspection of overhead signage bolting and welding, quality control inspection of concrete batch plant operations and testing of concrete and reinforcing steel used in construction for the project for conformance to approved plans, specifications and building codes. During placement of concrete, fabricated compression test specimens, inspected



reinforcing steel bars, and observed form work and placement of concrete for concrete barrier type 736. Inspected installation of reinforced steel bar cages for CIDH pile. This Caltrans project, administered by Metro, includes construction of a 1,246-ft soundwall along a stretch of 1-405, from the San Gabriel River to the Stearns Ave undercrossing; and construction of five soundwalls along a 2-mile stretch of 1-605 13 miles north in Whittier. Work included modification to existing bridges, drainage systems, lighting, and signage.

**Kaiser Permanente Pasadena Hospital, Four Levels Parking Structure, Pasadena, California (QC Inspector), 04/2013- 06/2013.** Responsible for the inspection on the reinforcing steel bars and concrete, masonry wall, and welding of four levels parking structure.

**Caltrans, Hot Express Lanes Conversion on I-110 and I-10, Pedestrian Bridge and Ramp Widening, Los Angeles, California (QC Inspector), 07/2011-11/2012.** Provided concrete, welding and civil inspection in addition to assisting with the review of submittals and construction work plans. Performed quality control inspection of CIDH pile, storm drain, edge drain, underground electrical conduits, barrier, sign trusses framings, DTi washers, bridge, concrete placement, reinforcing steel bars welding. The project scope included 60 miles of freeway, converting HOV lanes to High Occupancy Toll (HOT) Express Lanes on the 1-10 and 1-110 freeways, as well as widening of Adams Boulevard off ramp, construction of a pre-cast pedestrian bridge over-crossing and various renovations to other freeway related efforts that support the toll systems integration.

**LAUSD, Hawkins High School (South LA Area High School #3), Los Angeles, California (Deputy Inspector), 2010-2011.** Mr. Tran performed deputy inspection of four story structural steel building which included miscellaneous steels, stairs and handrails, elevator shaft framing, welding of structural steel framing, pipe welding, metal decks, stud walls welding, bolting, torque tests, and fences. Performed reinforcing steel and concrete placement site work. Assisted LAUSD-AOR to check drywall crews, metal lath, stucco, fire sprinkler system. This new 231,000-s.f. high school campus (15 acres) includes a 187-space on-grade parking structure.

**LACMTA, Metro Exposition Light Rail Phase 1, Los Angeles, CA (QC Inspector), 01/2009-10/2010.** Responsible for quality control inspection on civil works including storm drain, catch basin, curb and gutter, driveway, sidewalk, concrete and asphalt pavement, traffic signal and street light foundations. Performed quality control inspection of at grade concrete platform stations, welding and bolting of canopy, handrails, precast concrete pavers, CIDH OCS foundation. The Phase 1 project has a 15.2 mile alignment included 19 stations, with steel canopies, and handrails. The Construction Conformance Checklist required Daily inspection reports, and photos documentation.

**LACMTA, Metro Gold Line Eastside Extension, Los Angeles, California, (QC Inspector), 06/2007-08/2009** Performed quality control inspection of reinforcing steel bars and concrete underground stations, welding and bolting, masonry wall, veneer wall, metal stud framing, handrails, precast concrete pavers. Also responsible for quality control inspection on civil works including storm drain, catch basin, curb and gutter, driveway, sidewalk, concrete and asphalt pavement, traffic signal and street light foundations. Performed welding inspection of welding and bolting of canopies and handrails .The six-mile Eastside Extension links East Los Angeles with downtown Los Angeles and Pasadena, as well as with the Metro Blue and Green light-rail lines, Metro Red and Purple subway lines and the Metro Orange Line dedicated bus way.

**Los Angeles Department of Water and Power, Pine Tree Wind Project, Cantil, CA (QC Inspector), 01/2008-02/2009.** Responsible for quality control inspection of erection and bolting torque test of 80



wind turbines. The Pine Tree Wind Project is the biggest contributor to the City of Los Angeles' goal to quadruple the amount of power coming from renewable energy sources. It is the largest municipally-owned wind power project in the U.S. Completed in less than two years, the project produces 135 megawatts (mw) of clean energy through 90 1.5-mw wind turbines and powers 56,000 households in the Los Angeles area.

**Various Educational Facility Projects, Rancho Cucamonga, CA (Deputy Inspector), 09/2004-08/2007.** Provided concrete, welding and civil inspection in addition to assisting with the review of submittals and construction work plans.

**Victoria Gardens, Rancho Cucamonga, CA (Deputy Inspector), 04/2004-08/2004.** Performed deputy inspection welding moment frame and bolting of structural steel building and miscellaneous.

**Colburn School, Los Angeles, CA (Inspector).** Performed deputy inspection of 13 floors concrete building on the miscellaneous steels, stairs and handrails, elevator shaft framing, welding of structural steel framing, welding of precast concrete panel.

**Fox Studio, Building 104 Renovations, Los Angeles, CA (Deputy Inspector).** Performed deputy inspection of 4 floors structural steel building on the welding moment connection and high strength bolt torque testing, metal decks welding.

**City of Ontario, Ontario City Library, Ontario, CA (Deputy Inspector).** Performed deputy inspection on the welding and bolting of structural steel building and miscellaneous steels and handrails.

**Harvey Mudd College, Claremont, CA (Deputy Inspector).** Performed deputy inspection welding and bolting of structural steel building and miscellaneous.

**Pomona College, Claremont, CA (Deputy Inspector).** Performed deputy inspection welding of precast concrete panel and miscellaneous.

**Dr. L H Moore M/S/T Academy Elementary School , Los Angeles, CA (Welding Special Inspector).** Provided rebar and concrete placement inspection for the project. This new 3-story, 68,000 s.f. school facility will includes classrooms, a library, multi-purpose room, food service and lunch shelter, administration, playfields, and surface parking.



## AESCO RESUMES

### **Adam Chamaa**

#### ***Engineering Manager, M.S.C.E., P.E., G.E.***

Registered civil and geotechnical engineer with over 25 years of experience as geotechnical engineer and quality control/quality assurance (QC/QA) manager. Responsible for QC/QA engineering for new construction, foundations, sewer installations, roadway surfaces during and after installation, design of de-watering systems, pump stations, and assessment of soil-related environmental contamination. Provided geotechnical design recommendations for new construction for municipal, governmental and commercial projects throughout California.

#### **Specific Project Experience**

##### **Widening of the 91 Freeway-Orange and Riverside Counties, CA**

*Engineering Manager:* Mr. Chamaa was the Engineering Manager for materials testing and inspection during the widening of the 91 Freeway for Caltrans. The widening project included the construction of new lanes on the east and westbound sides, new retaining walls, bridges, slope stability of cuts, rock exploration, etc. The testing and inspection services included a review of the concrete mix designs, concrete testing and inspection, concrete batch plant inspection, pile inspection and logging, rebar inspection, aggregate testing, welding inspection, subgrade testing and inspection, base material evaluation and testing, compaction testing and inspection, and asphaltic concrete testing.

##### **Perris Valley Line Commuter Rail Extension Project- Riverside County, CA**

*Engineering Manager:* Mr. Chamaa was the Engineering Manager for quality control inspection and materials testing and geotechnical engineering services for the Riverside County Transportation Commission. The project involves a 24-mile extension of the existing 512-mile Metrolink commuter rail system from Riverside to Perris.

##### **14-Inch Water Line Installation under Huntington Harbor Channel, City of Huntington Beach, CA**

*Engineering Manager:* Mr. Chamaa was the Engineering Manager for a geotechnical investigation for a new 14-inch diameter water line composed of High Density Polyethylene (HDPE) pipe for the City of Huntington Beach. The length of the new pipe ranged from 750 feet to 950 feet. The pipe was installed beneath the Huntington Harbor bottom which is at an approximate depth of 20 feet below high sea level. The water line connected to existing water systems on either side of the channel.

##### **Alameda Corridor, Temple Avenue 4th Track Improvements-Pomona, CA**

*Engineering Manager:* Mr. Chamaa was the Engineering Manager for the preparation of the QC/QA manual and supervised materials testing and inspection during construction of a new railroad grade separation. The project included railroad bridges, retaining walls, depressed roadways, utility relocations, roadway bridges, channel walls and drainage ditches.

#### *Education:*

*M.S. Civil Engineering,  
Geotechnical and Highway  
Design; Louisiana Technical  
University, Ruston, LA, 1985.*

*B.S., Civil Engineering, Louisiana  
Technical University, Ruston,  
Louisiana, 1982*

#### *Registrations:*

*California No. C53992 (Civil)*

*California No. C2784*

*(Geotechnical)*

*Nevada No. 022245 (Civil)*



**Design/Build SR-22 Freeway Widening-Garden Grove, CA.**

*Engineering Manager:* Mr. Chamaa was the Engineering Manager for the inspection and mix design alternatives and recommendations for the Portland Cement Concrete (PCC) and Lean Concrete Base for the widening and overall improvement for Orange County Transit Authority (OCTA) and Caltrans. Mr. Chamaa worked with the design team and the contractor to qualify aggregate testing and evaluation of the concrete and performed on-site mix design trials. Recommended the most appropriate mix design and additives based on California Test methods. Supervised the testing of concrete products during placement which included aggregate testing, concrete cylinders, LCB samples and flexural strength beam tests. Supervised the flexural strength of the concrete during the pavement construction.

**Calico Solar Plant Access Bridge-San Bernardino County, CA**

*Engineering Manager:* Mr. Chamaa supervised and reviewed the geotechnical recommendations for foundation design for the proposed bridge structure and retaining walls for the BNSF railroad. Preliminary geotechnical recommendations including pile load design data for caissons, driven piles, tip-bearing piles, and friction piles, as well as lateral loads were provided. A review of existing geotechnical and seismic data was conducted for projects in the vicinity.

**Plant No. 1 Sludge Dewatering Project, Fountain Valley, CA**

*Engineering Manager:* Mr. Chamaa was the Engineering Manager for the construction materials testing and inspections for the sludge dewatering project at Plant 1 for Orange County Sanitation District. This project was to enhance the use of existing digesters, and replace the existing sludge handling facility. The new dewatering equipment will remove more water from the biosolids than existing facilities, which in turn will reduce the hauling cost to remote sites.

**First Street Bridge Replacement-Santa Ana, CA**

*Engineering Manager:* Mr. Chamaa supervised the construction materials testing and inspections during the bridge replacement. Testing and inspections were conducted on piles, welding, structural steel, precast concrete, concrete, asphalt, mix designs, etc.

**Ranger Sewer Lift Station No. 16 – City of Huntington Beach**

*Engineering Manager:* Mr. Chamaa was the Engineering Manager for the geotechnical investigation and the materials testing and inspection for construction of Ranger Sewer Lift Station No. 16 in the City of Huntington Beach. The new lift station was 24 feet by 24 feet in plan dimension and was placed at a depth of 18 feet below the existing ground surface. Recommendations were made for a mat foundation, dewatering during construction, waterproofing, pipe bedding, lateral pressures, and shoring.

**Belmont Pool Rebuild-Revitalization-City of Long Beach**

*Engineering Manager:* Mr. Chamaa was the Engineering Manager for the geotechnical and Phase II environmental investigation for the new Belmont Pool for the City of Long Beach. The project generally consists of constructing an indoor pool which is approximately 85 feet by 190 feet in plan dimension housed inside an approximately 60, 000 square foot structure. An outdoor pool with a plan dimension of approximately 85 feet by 185 feet will be located just east of the structure.



## **Russell Scharlin**

### **Senior Geotechnical Engineer/Quality Control Manager, P.E., G.E.**

Russell Scharlin is a senior geotechnical engineer with over 30 years of experience in civil and geotechnical engineering. Primary responsibilities include performing all aspects of construction management, geotechnical engineering and environmental studies. Mr. Scharlin has provided design and construction management services related to pavements and foundations for numerous structures, bridges, pump stations, freeways, tanks, communication towers and other structures.

#### *Education:*

*M.S., Civil Engineering  
(Geotechnical), University of  
California at Davis*

*B.S., Civil Engineering, University of  
California at Davis*

*40-hour Health and Safety Training*

#### *Registrations:*

*Geotechnical Engineer, State of  
California*

*Civil Engineer, State of California*

## **Specific Project Experience**

### **Seismic Remediation-Elevated Roadway-John Wayne Airport, Santa Ana**

*Quality Control Manager:* Mr. Scharlin was the Quality Control Manager for the seismic retrofit of the bridge structure located at the John Wayne Airport. The project was for the County of Orange and Caltrans. The project consisted of installation of 64 steel column casings at select concrete column locations, enlargement of selected foundation pile caps, installation of new expansion joints at terminal vehicle ramps and walkways, detensioning and retensioning of slab tendons and miscellaneous pavement and sidewalk improvements. Also prepared the Construction Quality Control Plan and the Welding Quality Control Plan.

### **Perris Valley Line Commuter Rail Extension Project-Riverside County, CA**

*Quality Control Manager:* Mr. Scharlin was the Quality Control Manager for quality control inspection and materials testing and geotechnical engineering services for the Riverside County Transportation Commission. The project involves a 24-mile extension of the existing 512-mile Metrolink commuter rail system from Riverside to Perris.

### **Sand Canyon Grade Separation-Irvine, CA**

*Quality Control Manager:* Mr. Scharlin was the Quality Control Manager for the materials testing and inspections for the Sand Canyon Grade Separation project at the 5 Freeway in Irvine. The project includes the construction of a rail underpass, retaining walls, railroad relocation, storm drains, utility relocations, Sand Canyon Avenue relocation, and a new pump station. Third parties involved in the project include the City of Irvine, the Southern California Regional Rail Authority, Caltrans, and the Irvine Ranch Water District.

### **Puente Hills Intermodal Facility and Railroad Improvements-Industry, CA**

*Quality Control Manager:* Mr. Scharlin was the Quality Control Manager for construction of the Intermodal Facility where waste will change from transportation by trucks to trains to the Mesquite Landfill in Brawley, California. The project included the construction of a new roadway corridor constructed in a trench, a new pump station placed 40 feet below finished grade, a new administration building, a new maintenance building with a below grade basement, and a 144 foot long storm drain.

### **Auto Center Drive/BNSF Railroad Grade Separation-Corona, CA**

*Quality Control Manager:* Mr. Scharlin was the Quality Control Manager for the geotechnical and materials testing and inspection services for the project which was for Riverside County Transportation Commission and the City of Corona. The project consists of constructing a four-lane overcrossing at Auto Center/BNSF



railroad tracks. Construction required a bypass roadway, associated roadway improvements, retaining walls, storm drain, sewer line, utilities, and CIDH piling foundations.

**Olinda Landfill-Gas to Energy Facilities – City of Yorba Linda, CA**

*Quality Control Manager:* Mr. Scharlin was the Quality Control Manager for construction materials testing and inspection services during construction of the gas to energy facilities at the Brea-Olinda landfill for the City of Yorba Linda and the County of Orange. The facilities included the installation of gas turbines mounted on concrete slabs, a combustion turbine generator, chilled water systems, polishing systems, compressed air systems, a step-up transformer, switch gears, axillary transformers, a main building and control room, trenching and piping, and miscellaneous structures. New access roads were also constructed.

**Warner Avenue Gravity Sewer Lift Station C – City of Huntington Beach, CA**

*Quality Control Manager:* Mr. Scharlin was the Quality Control Manager for the construction materials testing and inspection and for the geotechnical and environmental Phase II investigations for a new lift station facility. The project consisted of the replacement of the existing Lift Stations B and C and the Sunset Beach Sanitary Lift Station with a new Lift Station C. The submersible lift station incorporated a 14 foot by 26 foot by 22 foot deep wet well. The bottom of the well foundation was approximately 26 to 27 feet below existing grade. The new lift station also included an 8-foot deep valve vault which was 15 feet by 10 feet in plan dimension, a 60 kW outdoor generator, and electrical panels.

**Ranger Sewer Lift Station No. 16 – City of Huntington Beach, CA**

*Geotechnical Engineer:* Mr. Scharlin was the Geotechnical Engineer for the geotechnical investigation and the materials testing and inspection for construction of Ranger Sewer Lift Station No. 16 in the City of Huntington Beach. The new lift station was 24 feet by 24 feet in plan dimension and was placed at a depth of 18 feet below the existing ground surface.

**State College Boulevard Grade Separation-Fullerton, CA**

*Quality Control Manager:* Mr. Scharlin is the Quality Control Manager for the replacement of the at-grade railroad crossing by construction an underpass for State College Boulevard beneath the existing BNSF railroad. The City of Fullerton and the Orange County Transportation Authority (OCTA) are constructing a vehicle undercrossing at the intersection of State College Boulevard and the Burlington Northern Santa Fe Railway. The roadway will be lowered between Santa Fe Avenue to the north to approximately 500 feet south of Valencia Drive to the south. Construction consists of a temporary railroad shoo-fly, a railroad bridge, retaining walls, a pump station, pavement and utilities reconstruction. AESCO has performed QA inspection and testing for earthwork, foundation installation, concrete, reinforcing steel and pavement reconstruction.



### **Amer Hazboon**

#### **Senior Engineer, P.E.**

Mr. Hazboon has 21 years of professional experience specializing in environmental remediation, feasibility testing and design. He has extensive experience in developing remedial programs for hazardous soil and groundwater, providing design-build services, providing necessary reporting for regulatory compliance, performed methane mitigation and inspection services, and California UST Operator Inspection services. Mr. Hazboon has also served as the Health and Safety officer on numerous projects. Mr. Hazboon's has experience with a wide range of water, wastewater, and storm water management projects, including water quality assessments; water resources development, treatment, and distribution; and wastewater collection, conveyance, treatment, and disposal/reuse including "grey water" system design and construction.

#### **Specific Project Experience**

##### **Olinda Landfill-Gas to Energy Facilities, DCO Energy for County of Orange, Yorba Linda**

*Health and Safety Officer and Environmental Engineer: Mr.*

Habzoon was the Environmental Engineer for the monitoring of the excavations during grading operations during construction of the gas to energy facility at the Brea-Olinda landfill. Performed the QA/QC during installation of the methane barrier system during construction to maintain compliance with local regulations and design specifications. Observed the installation of the Liquid Boot methane system, the HDPE moisture barrier system, observed the membrane and barrier testing, and testing of the active subsurface methane gas mitigation system. Test results were documented on daily inspection logs and a Final Closeout Report was prepared.

##### **Lenain Water Treatment Plant Modifications, Anaheim**

*Health and Safety Officer and Engineer: Mr.* Habzoon was the Engineer for the geotechnical engineering for the various improvements to upgrade the existing water treatment facility for GHD for the City of Anaheim. As part of the upgrade, it is proposed to construct a new chemical feed system structure, install a new 36-inch diameter pipeline between the Reservoir and the Parkview Pump Station and widen the delivery truck road. Various new retaining walls will also be constructed. Several borings were performed as well as potholing to locate utilities throughout the site. AESCO had to perform extensive slope stability analyses and retaining wall design to determine the optimal design for widening of the roadway. AESCO met several times with the City of Anaheim at the site to determine the boring locations.

##### **Belmont Pool Rebuild-Revitalization, Long Beach**

*Environmental Engineer: Mr.* Habzoon was the Environmental Engineer for the Phase II environmental investigation for the new Belmont Pool for the City of Long Beach. The project generally consists of constructing an 85 foot by 190 foot indoor pool housed inside an approximately 60, 000 square foot structure and an 85 foot by 185 foot outdoor pool. Soil and water samples were tested for hydrocarbons

#### *Education:*

*M.B.A., University of Phoenix, Costa Mesa, CA*

*B.S., Civil Engineering, California Polytechnic University, Pomona, CA*

*40-hour Health and Safety Training*

#### *Registrations:*

*Civil Engineer, State of California*

#### *Certifications:*

*Registered Deputy Inspector for the City of Los Angeles, Methane Mitigation Systems ICC Certified*

*California UST System Operator*

*Certified Liquid Boot Inspector*

*Certified Tremco Barrier Inspector*

*Hazardous Waste Operations and Emergency Response*

*(HAZWOPER) 40 HR Training*



and soils were tested for heavy metals. A study of soil methane gas was also conducted.

**Van's Skate Park and Retail Structure, Huntington Beach**

*Environmental Engineer:* Mr. Habzoon was the Environmental Engineer for the Phase II environmental study for the Van's Skate Park and Retail Building in the City of Huntington Beach. Several borings were performed and nested gas probes were installed at depths of 5 feet and 10 feet below grade for methane gas testing. Pressure measurements of O<sub>2</sub>, CO<sub>2</sub> and methane concentrations were recorded. Soil samples were tested for the presence of hydrocarbons, volatiles and heavy metals.

**Goodyear Tire Facility, Anaheim**

*Environmental Engineer:* Mr. Habzoon was the Environmental Engineer for a Phase II environmental investigation at a closed Goodyear tire facility in the City of Anaheim. Soil samples were collected and tested after the removal of eight existing hydraulic lifts. Confirmation sampling and testing was performed to identify if any total petroleum hydrocarbons concentrations exceeded action levels set by the Anaheim Fire Department, Hazardous Materials Section.

**Pachappa Railroad Bridge, Cathedral City**

*Environmental Engineer:* Mr. Habzoon was the Environmental Engineer for the hazardous waste profiling of railroad ballast and subsurface soil for the Pachappa Bridge project for SEMA Construction for Caltrans. Provided field sampling and prepared summary and recommendations report for hazardous waste assessment and management.

**Soil Berm Installations, Camp Pendleton**

*Environmental Engineer:* Mr. Habzoon was the Environmental Engineer for the excavation, relocation, and grading of soil berms at the Maine Corps Base Camp Pendleton. Provided field oversight and reviews, including construction coordination and scheduling.

**Leaking Underground Storage Tank Remedial Action Plan-Orange County Sanitation Districts**

*Environmental Engineer:* Mr. Habzoon was the Environmental Engineer for a feasibility study, corrective action plan, and preparation of a remedial design for leaking UST's at the Auto Shop area of the Orange County Sanitation District (OCS D) Plant No.1 using SVE and GWE for two phase remediation.

**Watershed Sanitary Survey-Cucamonga Valley Water District**

*Environmental Engineer:* Mr. Habzoon was the Environmental Engineer for a Watershed Sanitary Survey (WSS) of local surface water watersheds as required by Title 22, Division 4, Chapter 17, Article 7, of the California Code of Regulations. Performed a comprehensive evaluation of the local surface water from the Day Canyon, East Etiwanda Canyon, and Cucamonga Canyon watersheds. This evaluation included extensive reviews and analyses of water pipelines, connections, storage systems, pump stations, treatment facilities, and other associated infrastructure.

**West Riverside Landfill-Riverside County Department of Waste Resource**

*Environmental Engineer:* Mr. Habzoon was the Environmental Engineer for the retrofit and the gas collection system at the West Riverside Landfill. The project involves the removal, relocation, and retrofitting of existing utilities, gas collection components, and associated underground infrastructure.





**Charles Chapin**  
**Senior Inspector**

Mr. Charles Chapin has over 40 years of experience in Public Works Construction and has performed inspection and construction management for a variety of projects for Caltrans where he used his administrative skills as well as professional and/or technical quality control knowledge. Mr. Chapin has managed capital outlay, operations maintenance, surveying, State Highway Operation and Protection Program (SHOPP), State Transportation Program, and emergency and safety projects. He has also managed traffic control, Storm Water Pollution Prevention plans (SWPP), water pollution control inspection, highway construction inspection, review of shop plans and specifications, change orders, and CPM scheduling.

Areas of expertise include evaluating bids, overseeing construction activities for the Caltrans projects to ensure compliance with plans and specifications; this included monitoring schedules and budgets; preparing estimates and evaluating change orders, conducting negotiations, resolving problems, on-site inspections, approving progress payments and other disbursements, coordinating contract administration activities with consultants and various agencies, developing and maintaining a system for monitoring the progress of projects and programs as assigned, evaluating consequences of changes and advise, preparing written technical and statistical reports, prepares reimbursement reports for various funding agencies, monitoring projects for adherence to Federal and State labor laws, traffic control management, surveying, water pollution administration and inspection.

*Professional Certifications:*  
*Construction Boot Camp*  
*California Work Zone Inspection*  
*Field Office Procedures*  
*Lead Hazard Awareness*  
*Concrete Paving Inspection*  
*Hot Mix Asphalt Master Inspector*  
*Sampling Techniques*  
*Structure Construction Inspection*  
*Landscape Inspection*  
*SWPP and Water Pollution Control Programs*  
*Advances Construction Site Best Management Practices (BMPS) Field Applications*  
*Water Pollution Administration*  
*Inspection and Maintenance of Construction Sites*  
*Management of Construction Site Dewatering Operations*  
*Water Quality Sampling and Analysis on Construction Sites*  
*Traffic Control Management*

**Specific Project Experience**

**405 Widening between Magnolia Street and Beach Boulevard, Huntington Beach, Caltrans**

*Senior Inspector:* Mr. Chapin was the Senior Inspector for the 405 widening through Huntington Beach. Mr. Chapin performed the construction management for SWPP, concrete, asphalt, landscaping, barrier wall inspection, scheduling, preparation of monthly cost estimates, and labor compliance issues. Managed meetings at the jobsite between Caltrans and the City of Huntington Beach. Ensured that contractor complied with Caltrans special provisions, plans and specifications. Provided RFI clarifications and responses in a timely manner. Resolved disputes between the contractor and the agency.

**Widening of Wilmington Off-Ramps at the 405 Freeway, Carson, Caltrans**

*Senior Inspector:* Mr. Chapin was the Senior Inspector for the widening of Wilmington Avenue at the 405 Freeway in Carson. Mr. Chapin performed construction management for center mediums, curb and gutter, modification of flood channels, sidewalks, driveway modifications, metal beam guard rail, and asphaltic concrete pavement. Coordinated work with the City of Carson and Southern California Edison. Managed meetings at the jobsite between Caltrans and the City of Carson, SWPP, scheduling, budget, daily logs.

**Widening of North and South Interstate 5, San Juan Capistrano, Caltrans**



*Senior Inspector:* Mr. Chapin was the Senior Inspector for the widening of the I-5 Freeway between Camino Capistrano and Camino Estrella in San Juan Capistrano. Mr. Chapin managed meetings in the field to address issues with asphalt and Portland cement concrete including quantities, drainage and water pollution control. Mr. Chapin performed supervision for stormwater disposal, water pollution control, SWPP, asphalt and Portland cement concrete. Responsible for monthly cost estimates, daily traffic control management, compliance with Caltrans special provisions, specifications and approved plans, logged construction deviations and reported to the Authorities. Reviewed and approved as-built plans. Inspected and tested asphalt and concrete placement.

**Widening of North 57 Freeway, Placentia, Caltrans**

*Senior Inspector:* Mr. Chapin was the Senior Inspector for the widening of the northbound 57 Freeway in Placentia. Mr. Chapin managed meetings in the field to address issues with asphalt and Portland cement concrete including quantities, SWPP, drainage and water pollution control. Supervised stormwater disposal, water pollution control, asphalt, Portland cement concrete, and rapid set concrete. Responsible for monthly cost estimates and traffic control management, compliance with Caltrans special provisions, specifications and approved plans, logged construction deviations and reported to the Authorities. Reviewed and approved as-built plans. Inspected and tested asphalt and concrete placement.

**Overcrossing of 405 Freeway at Redhill Avenue, Irvine and Costa Mesa, Caltrans**

*Senior Inspector:* Mr. Chapin was the Senior Inspector during the removal, replacement and reconstruction of the existing roadbed structure. The movement of Mechanically Stabilized Earth (MSE) Walls and underlying embankment had triggered progressive pavement cracks on the roadway above causing a horizontal separation between the approach slab and bridge abutment. Mr. Chapin performed inspections and testing for reconstruction of the fill slope which also involved the installation of Soil Nails.



**Giovanni Mikhael**

**Inspector**

Mr. Mikhael, has over 11 years of experience in the field and in construction materials testing and inspection services for concrete, masonry, steel, anchors, soils, and grading. He is experienced in performing compaction testing, foundation inspections and subgrade inspection and testing.

**Specific Project Experience**

**Widening of the 91 Freeway, Orange and Riverside Counties, CA**

*Inspector:* Mr. Mikhael was the Inspector for the materials testing and inspection during the widening of the 91 Freeway. The widening project includes the construction of new lanes on the east and westbound sides, new retaining walls, bridges, etc. The testing and inspection services included a review of the concrete mix designs, concrete testing and inspection, concrete batch plant inspection, pile inspection and logging, rebar inspection, aggregate testing, welding inspection, subgrade testing and inspection, base material evaluation and testing, compaction testing and inspection, retaining wall footings, rapid set concrete, masonry, MSE backfill, and asphaltic concrete testing.

**Sand Canyon Grade Separation, OCTA/Caltrans, CA**

*Inspector:* Mr. Mikhael was the Inspector for the Sand Canyon Grade Separation project at the 5 Freeway in Irvine. The project includes the construction of a rail underpass, retaining walls, railroad relocation, storm drains, utility relocations, Sand Canyon Avenue relocation, and a new pump station. Mr. Mikhael performed inspection and testing of the compaction, asphalt, subgrade, structural backfill, and foundation excavations.

**Perris Valley Line Commuter Rail Extension Project-AMES Construction for Riverside County Transportation Commission**

*Inspector:* Mr. Mikhael was the Inspector for the quality control inspection and materials testing services for the Perris Valley Line Extension Rail Project in Riverside County, CA. The project involves a 22-mile extension of the existing 512-mile Metrolink commuter rail system. Testing and Inspection services including compaction, asphalt, structural backfill, concrete batch plant inspection are being provided for the track, grade crossings, structures, railroad stations (Riverside Hunter Park Station, Moreno Valley/March Field Station, Downtown Perris Station and South Perris Station) and the layover facility. Mr. Mikhael performed inspection and testing of compaction, asphalt, structural backfill, and concrete batch plant inspection.

**Newport Force Main Rehabilitation, Orange County Sanitation District, CA**

*Inspector:* Mr. Mikhael was the Inspector for the construction materials testing and inspections for the rehabilitation of the Newport Force Main located on West Coast Highway between Dover Drive to 61st

*Education:*

*B. A., Business, Devry University, in progress*

*Professional Certifications:*

*County of Los Angeles Certified*

*Deputy Inspector masonry*

*County of Los Angeles Certified*

*Deputy Inspector concrete*

*ICC Structural Masonry Certified*

*Inspector*

*ICC Reinforced Concrete Certified*

*Inspector*

*ACI Certified, Concrete Field Testing*

*Technician*

*Certified Radiation Safety and Nuclear*

*Gage Operator*

*Caltrans Certificate of Proficiency for:*

*Air Content, Freshly Mixed Concrete,*

*Pressure, Density of Fresh Concrete,*

*Flexural Strength of PCC (Fabrication only),*

*Ball Penetration in Fresh Portland Cement Concrete, Sampling Freshly Mixed*

*Concrete, PCC Cylinder Fabrication,*

*Slump of Fresh Portland Cement*

*Concrete,*

*Temperature of Freshly Mixed*

*Portland Cement Concrete*

*TWIC Card*

Street in Newport Beach. There are two force mains on both sides of the street. Testing and inspections included compaction and density testing of asphalt and subgrade and concrete testing and inspections. Inspections and testing of compaction and density testing of asphalt pavement, and subgrade and concrete testing and inspections were performed.

**Warner Avenue Sinkhole Emergency Response, City of Huntington Beach and County of Orange, CA**

*Inspector:* Mr. Mikhael was the Inspector for an emergency response to assist the City of Huntington Beach to investigate the cause of a sinkhole which formed in one of the main thoroughfares within the City. The sinkhole was approximately 17 feet by 14 feet and 20 feet in depth. The sinkhole destroyed the existing manhole, water main and multiple sewer line connections.

**I-5 Freeway Widening, Orange County, Caltrans, San Juan Capistrano**

*Inspector:* Mr. Mikhael was the Inspector for the widening of the I-5 Freeway between San Juan Capistrano and San Clemente in Orange County. Materials testing and inspection was performed during the widening of the I-5 Freeway between San Juan Capistrano and San Clemente in Orange County. The widening project is 5.7 miles in length and includes the construction of new HOV lanes on both sides, new retaining walls, a bridge expansion, widening of the Avenida Pico interchange, etc. The testing and inspection services included concrete testing and inspection, concrete batch plant inspection, structural backfill, aggregate testing, subgrade testing and inspection, base material evaluation and testing, and compaction testing and inspection.



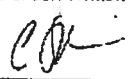
APPENDIX B: DBE INFORMATION

Local Assistance Procedures Manual

Exhibit 10-01  
Consultant Proposal DBE Commitment

EXHIBIT 10-01 CONSULTANT PROPOSAL DBE COMMITMENT

1. Local Agency: City of Garden Grove 2. Contract DBE Goal: 12 %  
 3. Project Description: On-Call Construction & Inspection Services  
 4. Project Location: City of Garden Grove - Various Intersections  
 5. Consultant's Name: KOA Corporation 6. Prime Certified DBE:

7. Description of Work, Service, or Materials Supplied	8. DBE Certification Number	9. DBE Contact Information	10. DBE %
The Alliance Group Consulting	1783853	213/505-0295	12%
<b>Local Agency to Complete this Section</b>		<b>11. TOTAL CLAIMED DBE PARTICIPATION</b>	<b>12 %</b>
17. Local Agency Contract Number: _____ 18. Federal-Aid Project Number: _____ 19. Proposed Contract Execution Date: _____  Local Agency certifies that all DBE certifications are valid and information on this form is complete and accurate.			
20. Local Agency Representative's Signature _____ 21. Date _____  22. Local Agency Representative's Name _____ 23. Phone _____  24. Local Agency Representative's Title _____		<b>IMPORTANT: Identify all DBE firms being claimed for credit, regardless of tier. Written confirmation of each listed DBE is required.</b>   12. Preparer's Signature _____ 13. Date <u>5/7/2018</u> 14. Preparer's Name <u>Chuck Stephan</u> 15. Phone <u>310-525-0678</u> 16. Preparer's Title <u>Vice President</u>	

DISTRIBUTION: Original - Included with consultant's proposal to local agency.

ADA Notice: For individuals with sensory disabilities, this document is available in alternate formats. For information call (916) 854-8410 or TDD (916) 654-3880 or write Records and Forms Management, 1120 N Street, MS-89, Sacramento, CA 95814.



**EXHIBIT 15-H DBE INFORMATION —GOOD FAITH EFFORTS**

**DBE INFORMATION - GOOD FAITH EFFORTS**

Federal-aid Project No. HSIPL-5328(078) HSIPL-5328(081) HSIPL-5328(080) Bid Opening Date 5/7/2018

The City of Garden Grove established a Disadvantaged Business Enterprise (DBE) goal of 12 % for this project. The information provided herein shows that a good faith effort was made.

Lowest, second lowest and third lowest bidders shall submit the following information to document adequate good faith efforts. Bidders should submit the following information even if the "Local Agency Bidder DBE Commitment" form indicates that the bidder has met the DBE goal. This will protect the bidder's eligibility for award of the contract if the administering agency determines that the bidder failed to meet the goal for various reasons, e.g., a DBE firm was not certified at bid opening, or the bidder made a mathematical error.

Submittal of only the "Local Agency Bidder DBE Commitment" form may not provide sufficient documentation to demonstrate that adequate good faith efforts were made.

The following items are listed in the Section entitled "Submission of DBE Commitment" of the Special Provisions:

- A. The names and dates of each publication in which a request for DBE participation for this project was placed by the bidder (please attach copies of advertisements or proofs of publication):

<u>Publications</u>	<u>Dates of Advertisement</u>

- B. The names and dates of written notices sent to certified DBEs soliciting bids for this project and the dates and methods used for following up initial solicitations to determine with certainty whether the DBEs were interested (please attach copies of solicitations, telephone records, fax confirmations, etc.):

<u>Names of DBEs Solicited</u>	<u>Date of Initial Solicitation</u>	<u>Follow Up Methods and Dates</u>



- C. The items of work which the bidder made available to DBE firms including, where appropriate, any breaking down of the contract work items (including those items normally performed by the bidder with its own forces) into economically feasible units to facilitate DBE participation. It is the bidder's responsibility to demonstrate that sufficient work to facilitate DBE participation was made available to DBE firms.

Items of Work	Bidder Normally Performs Item (Y/N)	Breakdown of Items	Amount (\$)	Percentage Of Contract
Special Inspector	N		10,000	12%
Material Testing	N		TBD	

- D. The names, addresses and phone numbers of rejected DBE firms, the reasons for the bidder's rejection of the DBEs, the firms selected for that work (please attach copies of quotes from the firms involved), and the price difference for each DBE if the selected firm is not a DBE:

Names, addresses and phone numbers of rejected DBEs and the reasons for the bidder's rejection of the DBEs:

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Names, addresses and phone numbers of firms selected for the work above:

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- E. Efforts made to assist interested DBEs in obtaining bonding, lines of credit or insurance, and any technical assistance or information related to the plans, specifications and requirements for the work which was provided to DBEs:

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THE ALLIANCE GROUP  
CONSULTING

The Alliance Group Consulting  
3699 Wilshire Blvd., Suite 1240  
Los Angeles, CA 90010  
1-323-609-6100 Office  
1-323-609-6101 Fax  
[Info@TAGCorp.com](mailto:Info@TAGCorp.com)

April 25, 2018  
Mr. Chuck Stephan  
Vice President / CM Discipline  
KOA Corporation  
2141 W. Orangewood Ave.,  
Orange, CA 92868

**Subject: Commitment Letter for Inspection Positions  
RFP for Professional On-Call Traffic Signal Inspection Services**

Dear Mr. Stephan,

The Alliance Group Consulting (TAGC), is pleased to join KOA Corporation (KOA) team to provide on-call professional inspection services to the City of Garden Grove Department of Public Works for the above-referenced project.

The key personnel we have identified in the staff resumes will be available to the extent proposed for the duration of this project, and no person designated as key to the project will be removed or replaced without prior written concurrence of KOA and the City of Garden Grove.

We appreciate your interest in TAGC and we look forward to working with KOA and the City of Garden Grove on this contract.

If you have any questions or concerns, please do not hesitate to contact me at (213) 505-4324 or email me at [ray.wang@tagccorp.com](mailto:ray.wang@tagccorp.com).

Sincerely,



Ray Wang, PE, LEED AP  
Principal/Sr. Project Manager





Board of Supervisors  
Los Angeles County

Hilda L. Solis  
Mark Ridley-Thomas  
Sheila Kuehl  
Don Knabe  
Michael D. Antonovich

Brian J. Stiger  
Director

August 16, 2016

RAY WANG  
THE ALLIANCE GROUP ENTERPRISE, INC.  
3699 WILSHIRE BLVD., SUITE 1240  
LOS ANGELES, CA 90010

Vendor #: 17922301

Dear RAY WANG:

Congratulations! Your business is now certified as a Local Small Business Enterprise (LSBE) with the County of Los Angeles effective as of the date of this letter. Your LSBE certification expiration date is based on your State of California Department of General Services' (DGS) small business certification, which expires on May 31, 2018.

Your business is eligible for the LSBE Preference Program consideration in those County of Los Angeles solicitations which include the "Request for Local SBE Preference Program Consideration" form. You must complete the form and provide your Vendor Number in your bid/proposal for each response to receive the preference.

Additionally, the Board of Supervisors established a "Countywide Small Business Payment Liaison and Prompt Pay Program". As a certified LSBE, your company is now eligible for a 15-day prompt payment. Please call the Small Business Services office at (855) 230-6430 or send an email to [cbesbe@dcba.lacounty.gov](mailto:cbesbe@dcba.lacounty.gov) to request your free Prompt Payment Stamp and instructions.

The County of Los Angeles Department of Consumer and Business Affairs reserves the right to request additional information and/or conduct an on-site visit to verify your company's eligibility for the program. Please notify DGS if there are any changes to your business such as ownership, control of the firm or principal place of business that may affect your State certification. Please contact our office immediately if your principal place of business has changed during the certification period.

Again, congratulations on your certification. If you have any questions about our LSBE Program, please visit our website at <http://osb.lacounty.gov>.

Sincerely,

BRIAN J. STIGER  
DIRECTOR

SABRA PURIFOY  
Operations Manager, Small Business Services  
BJS:SP



500 W. Temple St., Room B-96 • Los Angeles, CA 90012-2706 • toll-free 800.593.8222 • phone 213.974.1452 • fax 213.687.1137

[dcba.lacounty.gov](http://dcba.lacounty.gov)





Los Angeles County  
Metropolitan Transportation Authority

One Gateway Plaza  
Los Angeles, CA 90012-2952

213.922.2600 Tel  
metro.net

# Metro CALIFORNIA UNIFIED CERTIFICATION PROGRAM



April 14, 2015 REISSUED 3/1/16 - ADDRESS CHANGE

**CUCP #41797**  
**Metro File # 6393**

Andy Duong  
The Alliance Group Enterprise, Inc. dba The Alliance Group  
Consulting  
3699 Wilshire Blvd #1240  
Los Angeles, CA 90010

**RE: Disadvantaged Business Enterprise Certification**

Dear Mr. Duong

We are pleased to advise you that after careful review of your application and supporting documentation, the Los Angeles County Metropolitan Transportation Authority (Metro) has determined that your firm meets the eligibility standards to be certified as a Disadvantaged Business Enterprise (DBE) as required under the U.S. Department of Transportation (U.S. DOT) Regulation 49 CFR Part 26, as amended. This certification will be recognized by all of the U.S. DOT recipients in California. Your firm will be listed in the California Unified Certification Program (CUCP) database of certified DBEs under the following specific areas of expertise that you have identified on the NAICS codes form of the application package.

NAICS (2007)	Description
541330	Engineering Services
541618	Other Management Consulting Services
541690	Other Scientific & Technical Consulting Services (Economic Consulting Services)

Your DBE certification applies only for the above codes. You may review your firm's information in the CUCP DBE database which can be accessed at the CUCP's website at [www.californiaucp.org](http://www.californiaucp.org). Any additions and revisions must be submitted to Metro for review and approval.

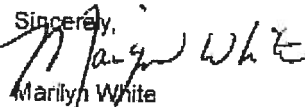
In order to ensure your continued DBE status, you are required to submit an annual No Change Declaration Form (which will be sent to you) along with supporting documentation. If no changes are noted, then your DBE status remains current. If there are changes, Metro will review to determine continued DBE eligibility. Please note, your DBE status remains in effect unless Metro notifies you otherwise.

Should any changes occur that could affect your certification status prior to receipt of the No Change Declaration Form, such as changes in your firm's name, business/mailing address, ownership, management or control or failure to meet the applicable business size standards or personal net worth standard, please notify Metro immediately. Failure to submit forms and/or change of information will be deemed a failure to cooperate under Section 26.109 of the Regulations.

Metro reserves the right to withdraw this certification if at any time it is determined that it was knowingly obtained by false, misleading, or incorrect information. Your DBE certification is subject to review at any time. The firm thereby consents to the examination of its books, records and documents by Metro.

Congratulations, and thank you for your interest in the DBE program. Should you have any questions, please contact us at 213-922-2600. For information on Metro contracting opportunities, please visit our website at [www.metro.net](http://www.metro.net).

Sincerely,

  
Marilyn White  
Certification Consultant - HSW Services  
Diversity & Economic Opportunity Department

File # 41797 CUCP # 41797 - 3/1/16 - Address Change



## Supplier Profile

Certification ID : 1783853

Legal Business Name:  
THE ALLIANCE GROUP CONSULTING

Doing Business As (DBA) Name1:  
THE ALLIANCE GROUP CONSULTING

Doing Business As (DBA) Name2:

Office Phone Number:  
213/505-0295

Business Fax Number:

Business Web Address:

Address:  
10291 MASTERSON AVE  
STANTON  
CA 90680

Email:  
andy.duong@tagccorp.com  
(mailto:andy.duong@tagccorp.com)

Total No. of Employees:

Business Types:  
Service

Notification Preference:  
Email

**Service Areas:**

Alameda , Alpine , Amador , Butte , Calaveras , Colusa , Contra Costa , Del Norte , El Dorado , Fresno , Glenn , Humboldt , Imperial , Inyo , Kern , Kings , Lake , Lassen , Los Angeles , Madera , Marin , Mariposa , Mendocino , Merced , Modoc , Mono , Monterey , Napa , Nevada , Orange , Placer , Plumas , Riverside , Sacramento , San Benito , San Bernardino , San Diego , San Francisco , San Joaquin , San Luis Obispo , San Mateo , Santa Barbara , Santa Clara , Santa Cruz , Shasta , Sierra , Siskiyou , Solano , Sonoma , Stanislaus , Sutter , Tehama , Trinity , Tulare , Tuolumne , Ventura , Yolo , Yuba

[View Keywords](#)

[View Classifications](#)

### Active Certifications

?

Certification Type	Status	From	To
SB(Micro)	Approved	04/25/2014	05/31/2018

### Certification History

?



[Back To Query Form](#)

Search Returned 1 Records

Wed Oct 18 19:33:08 PDT 2017

**Query Criteria**

Firm ID: 41797

Firm Type: DBE

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<b>Firm ID</b>	41797
<b>Firm/DBA Name</b>	THE ALLIANCE GROUP ENTERPRISE INC.
<b>Address Line1</b>	3699 WILSHIRE BLVD. #1240
<b>Address Line2</b>	
<b>City</b>	LOS ANGELES
<b>State</b>	CA
<b>Zip Code1</b>	90010
<b>Zip Code2</b>	
<b>Mailing Address Line1</b>	
<b>Mailing Address Line2</b>	
<b>Mailing City</b>	
<b>Mailing State</b>	
<b>Mailing Zip Code1</b>	
<b>Mailing Zip Code2</b>	
<b>Certification Type</b>	DBE
<b>E-Mail</b>	andy.duong@TAGCcorp.com
<b>Contact Name</b>	ANDY DUONG
<b>Area Code</b>	( 323 )
<b>Phone Number</b>	609-6100
<b>Extension</b>	
<b>Alt Area Code</b>	( 714 )
<b>Alt Phone Number</b>	467-5374
<b>Extension</b>	
<b>Fax Area Code</b>	( 323 )
<b>Fax Phone Number</b>	609-6101
<b>Agency Name</b>	LOS ANGELES COUNTY METRO TRANSPORTATION AUTHORITY (MTA)
<b>Counties</b>	00;
<b>Districts</b>	00;
<b>DBE NAICS</b>	541330; 541616; 541690;
<b>ACDBE NAICS</b>	
<b>Work Codes</b>	C8714 CONSULTANT, PROJECT MANAGEMENT/ BUSINESS ADMIN; C8700 CONSULTANT, NON ENGINEERING; C8720 CIVIL ENGINEERING;
<b>Licenses</b>	EC CM Engineer;
<b>Trucks</b>	
<b>Gender</b>	M
<b>Ethnicity</b>	ASIAN PACIFIC
<b>Firm Type</b>	DBE

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[Back To Query Form](#)



State of California  
Department of Industrial Relations

Labor Law | Cal/OSHA - Safety & Health | Workers' Comp | Self Insurance | Apprenticeship | Director's Office | Boards

Public Works | Public Works Contractor (PWC) Registration Search

### Public Works Contractor (PWC) Registration Search

Enter at least one search criteria to display registered public works contractor(s) matching your selections.

Note: Search results will display all of the public works contractor registrations, both current and expired.

Make sure the proper registration fiscal year is selected when performing a search.

Registration Fiscal Year:

PWC Registration Number:

Contractor Legal Name:

License Number:  [Contractor License Lookup](#)

County:

This is a listing of PWC registrations pursuant to Division 2, Part 7, Chapter 1 (commencing with section 1720 of the California Labor Code.)

Export as: [Excel](#) | [PDF](#)

#### Search Results

One registered contractor found. 1

Details	Legal Name	Registration Number	County	City	License Type/Number(s)	Current Status	Registration Date	Expiration Date
<a href="#">View</a>	THE ALLIANCE GROUP ENTERPRISE, INC.	1000028801	LOS ANGELES	LOS ANGELES	NONE:NONE	Active	06/30/2017	06/30/2018

v2.20171120

#### About DIR

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DIR Divisions, Boards & Commissions  
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Corporate / Los Angeles Office  
1100 Corporate Center Dr., Suite 201  
Monterey Park, California 91754  
P 323.260.4703  
F 323.260.4705

Inland Empire Office  
3190 C Shelby Street  
Ontario, California  
91764  
P 909.890.9693  
F 909.890.9694

Orange County Office  
2141 W. Orangewood Avenue, Suite A  
Orange, California 92868  
P 714.573.0317  
F 714.573.9534

San Diego County Office  
5095 Murphy Canyon Road, Suite 330  
San Diego, California 92123  
P 619.683.2933  
F 619.683.7982

[www.koacorp.com](http://www.koacorp.com)  
MB76149-B



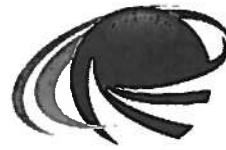
**KOA CORPORATION**  
**2018 Hourly Billing Rates**

Title	Hourly Billing Rate
Principal-In-Charge/Program Director	\$ 220.00
Senior Engineer	\$ 175.00
QA/QC Manager	\$ 165.00
Senior Project Manager	\$ 165.00
Construction Manager	\$ 160.00
Project Manager	\$ 160.00
Resident Engineer	\$ 165.00
Project Engineer	\$ 165.00
SWPPP Developer (QSD)	\$ 150.00
Assistant Construction Manager	\$ 140.00
Office Engineer	\$ 140.00
Design Engineer	\$ 140.00
Assistant Project Manager	\$ 140.00
Associate Engineer	\$ 125.00
Project Controls	\$ 120.00
SWPPP Practitioner (QSP)	\$ 130.00
Construction Observer/Inspector (Prevailing Wages)*	\$ 123.00
Construction Observer/Inspector (Non-Prevailing Wages)	\$ 113.00
Senior Construction Observer/Inspector (Prevailing Wages)*	\$ 128.00
Senior Construction Observer/Inspector (Non-Prevailing Wages)	\$ 118.00
CAD Technician	\$ 90.00
Technician	\$ 90.00
Administrative & Clerical Support	\$ 90.00

\*NOTE: Construction Inspector wages are directed by the State of California Department of Industrial Relations, and are subject to change at any time. The current rates may be scheduled for an adjustment after June 30, 2018. KOA Corporation adheres to California Wage Law. All of our inspectors are W-2 employees (not 1099 employees), and receive full benefits and compensation as required by DIR.

Rates shown are a part of the proposal for use in invoicing the City. Rates include all costs, including but not limited to printing, postage, and mileage

**HOURLY RATE SCHEDULE:**



**THE ALLIANCE GROUP  
CONSULTING**

**THE ALLIANCE GROUP CONSULTING**

POSITION CLASSIFICATION	Hourly Billing Rate
Professional Inspector	\$ 135.00
Billing Multiplier Applied to Base Rate	2.45 *
<p><b>Note:</b></p> <p>Billing Rates for FY 2018-2019.</p> <p>* Multiplier Includes the 123% Combined Indirect Cost (Including Fringe Benefit, Field Overhead Rate, and General Admin), and 10% Profit.</p> <p><b>Other Direct Costs:</b> Outside Printing/Reproduction. Delivery Services/USPS. Misc. Field Equipment/Supplies, and Travel Expenses will be billed at actual Cost. Mileage will be billed at current IRS Rate.</p>	



OPTIONAL SERVICES

**Orange County**  
17782 Georgetown Lane  
Huntington Beach, California 92647  
Tele: (714) 375-3830  
Fax: (714) 375-3831

**San Bernardino County**  
14163 Arrow Boulevard  
Fontana, California 92335  
Tele: (909) 284-9200  
Fax: (909) 284-9201

April 27, 2018

Mr. Chuck Stephan, P.E.  
KOA  
2141 West Oranewood Avenue  
Costa Mesa, CA 92868

**Subject: Cost Proposal**  
**Garden Grove RFP for Traffic Signal and Intersection Improvements**  
**Garden Grove, California**  
**AESCO Proposal No. P5710**

Dear Mr. Stephens:

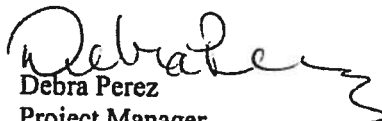
AESCO is pleased to submit this cost estimate to perform materials testing and inspections for the above-referenced project. AESCO's Scope of Work may include materials testing services for the traffic signal foundation concrete and rebar.

For this Scope of Work, the estimated cost based on our attached Schedule of Fees will be \$8,800.

If you need further assistance regarding this matter, please give us a call. We look forward to hearing from you.

Very truly yours,  
AESCO, Inc.

  
Adam Chamaa, MSCE, P.E., G.E.  
Engineering Manager

  
Debra Perez  
Project Manager



## AESCO Standard Fees

<u>Professional Staffing</u>		<u>Cost</u>
		(per hour unless otherwise noted)
P100	Principal Professional Engineer.....	\$ 190
P101	Senior Geotechnical Engineer.....	\$ 175
P102	Project Engineer/ Manager.....	\$ 150
P103	Geologist.....	\$ 160
P104	Quality Control Manager.....	\$ 150
P105	Senior Staff Engineer.....	\$ 145
P106	Building Inspector.....	\$ 115
P107	Laboratory Manager.....	\$ 105
P108	Laboratory Technician.....	\$ 95
P109	CADD Operator/Draftsperson.....	\$ 75
P110	Data Processing, Technical Editing or Reproduction.....	\$ 75
P111	Expert Witness Testimony.....	\$ 380
P112	Certified Payroll, per hr.....	\$ 145
 <u>Field Technician</u>		 <u>Cost (per hour)</u>
T150	Special Inspector (Reinforced Concrete, and Masonry).....	\$ 100
T151	Special Inspector (Structural Steel, Drilled-In-Anchors.....	\$ 100
T152	Special Inspector for Welding.....	\$ 100
T153	DSA Class I Inspector.....	\$ 135
T154	DSA Class II Inspector.....	\$ 125
T155	Special Inspector for Fireproofing.....	\$ 100
T156	Special Inspector Load Tests or Torque/Bolt).....	\$ 100
T157	Special Inspector Rebar Sample.....	\$ 100
T158	Special Inspector Pachometer.....	\$ 100
T159	Senior Asphalt Placement Technician.....	\$ 110
T160	Asphalt Placement Technician.....	\$ 100
T161	Asphalt/Concrete Plant Technician.....	\$ 100
T162	ACI/Caltrans Technician.....	\$ 100
T163	Senior Soils Technician.....	\$ 115
T164	Senior Grading Inspector.....	\$ 105
T165	Staff Grading Inspector.....	\$ 100
T166	Soils Technician.....	\$ 100
T167	Pile Driving Inspector.....	\$ 115
T168	AWS Certified Welding Inspector.....	\$ 100
T169	NACE Coating Inspector.....	\$ 125
T170	Field Coring Technician.....	\$ 100
T171	Nondestructive Examination Technician, UT, MT, LP.....	\$ 105
T172	Structural Steel Fabrication Inspector (AWS).....	\$ 105



<b><u>Fabrication Shop Inspections</u></b>		<b><u>Cost (per hour)</u></b>
T173	Structural Steel Inspector (ICC/CBO) .....	\$ 100
T174	Structural Steel Inspector (AWS) .....	\$ 100
T175	Batch Plant Quality Control Technician/Inspector .....	\$ 100
T176	Reinforced Concrete, Prestressed Inspector .....	\$ 100

**Field Inspector/Technician Hours**

No Work Performed (Work Cancelled)..... Minimum 2-hour Charge  
 All field services charge .....Minimum 4 and 8-hour Charge Thereafter

**Regular Work Hours**

First 8 hours, Monday through Friday, between 5:00 a.m. to 5:00 p.m.

Direct Project expenses outside services will be charged at Cost + 15%.

**Time and One-Half**

Any increment past first 8 hours through 12 hours, Monday through Friday

First 12 hours on Saturday

Shift between 3:00 a.m. and 5:00 a.m.

**Double Time**

Any hours past 12 hours Monday through Saturday, all day Sunday and Federal Holidays

<b><u>Field Analysis</u></b>		<b><u>Cost</u></b>
		<b>(per hour unless otherwise noted)</b>
G200	Soil Boring with Hollow Stem Auger Drilling .....	\$ 300
G201	Backfill Boreholes with Betonite, per foot .....	\$ 15
G202	Backfill Boreholes with Grout, per foot .....	\$ 30
G203	Drumming and Disposal of Clean Cuttings .....	\$ 370

<b><u>Mix Design Review</u></b>		<b><u>Cost</u></b>
D250	Review of Concrete Mix Design .....	\$ 150
D251	Review of Grout Mix Design.....	\$ 150
D252	Review of Mortar Mix Design .....	\$ 150
D253	Review of Asphalt Mix Design.....	\$ 180



**Sample Pick-Up/Hold**

**Cost**

All hold samples are charged at the same rate as the testing rate

U303	Technician for Specimen pick up, minimum 2 hours, per hour .....	\$ 95
U304	Vehicle, per trip .....	\$ 65

**Field Equipment Charges**

**Cost**

E350	Brass Mold, each .....	\$ 20
E351	Concrete Air Meter, per day .....	\$ 40
E352	Concrete Unit Weight (Scale, Bucket, Rod and Mallet), per day .....	\$ 10
E353	Field Vehicle Usage, per day .....	\$ 65
E354	Concrete/Asphalt Coring Equipment rental per hr, min 4 hrs and 8 hrs thereafter	\$ 190
E355	Fireproofing Adhesion/Cohesion, per test .....	\$ 15
E356	Hand Auger Equipment, per day .....	\$ 125
E357	Level D Personal Protective Equipment (PPE), per person per day .....	\$ 40
E358	Liquid Penetrating Consumables, per day .....	\$ 20
E359	Magnetic Particle Equipment and Consumables, per day .....	\$ 30
E360	Ultrasonic Equipment and Consumables, per day .....	\$ 55
E361	Nuclear Density Gauge Usage, per hour .....	\$ 15
E362	Compaction Test, per location/per test .....	\$ 18
E363	Portable Concrete Laboratory-not including Technicians, per day .....	\$ by quote
E364	Pachometer (Rebar Locator), per day .....	\$ 50
E365	PID Usage, per hour .....	\$ 30
E366	Pull Test Equipment, per day .....	\$ 60
E367	Sand Cone Test Kit (Scale, Burner, Sand Cone Apparatus), per day .....	\$ 150
E368	Schmidt Hammer, per day .....	\$ 40
E369	Torque Wrench, Small, per day .....	\$ 15
E370	Torque Wrench, Large, per day .....	\$ 20
E371	Torque Multiplier (Skidmore), per day .....	\$ 75
E372	Miscellaneous Equipment Charge .....	\$ by quote
E373	Vapor Emission Kit, each .....	\$ 45



## Schedule of Fees for Laboratory Services

<b><u>Concrete Tests</u></b>		<b><u>Cost (per test)</u></b>
C400	6" x 12" Cylinder: Compression Strength (ASTM C39) .....	\$ 25
C401	6" x 6" x 18" Flexural Beams Not Exceeding Referenced Size (ASTM C78, C293, or CTM 523) .....	\$ 80
C402	Cylinders: Splitting Tensile Strength (ASTM C496).....	\$ 80
C403	Core Compression including Trimming (ASTM C39) .....	\$ 50
C404	Coring of Test Panels in Lab, each.....	\$ 25
C405	Diamond Sawing of Cores or Cylinders (ASTM C642) .....	\$ 25
C406	Density, Absorption, and Voids in Hardened Concrete (ASTM C642).....	\$ 300
C407	Modulus of Elasticity Static Test (ASTM C469) .....	\$ 125
C408	Unit Weight Including Lightweight Concrete .....	\$ 65
C409	Drying Shrinkage Up to 28 Days: Three 3" x 3" or 4" x 4" Bars, Five Readings up to 28 Dry Days (ASTM C157) .....	\$ 375
C410	Additional Reading, Per Set of Three Bars .....	\$ 45
C411	Storage Over Ninety (90) Days, Per Set of Three Bars, Per Month .....	\$ 35
 <b><u>Concrete Block, ASTM C140</u></b>		 <b><u>Cost (per test)</u></b>
C412	Compression (3 Required Per ASTM), each .....	\$ 50
C413	Absorption/Moisture Content/Oven Dry Density (3 Required per ASTM), each...	\$ 80
C414	Linear/Volumetric Shrinkage (ASTM C426).....	\$ 90
C415	Web and Face Shell Measurements.....	\$ 35
C416	Tension Test .....	\$ 150
C417	Core Compression .....	\$ 45
C418	Shear Test of Masonry Cores: 2 Faces .....	\$ 70
C419	Efflorescence Test (3 Required), each.....	\$ 35
 <b><u>Laboratory Trial Batch: Cement, Concrete, Grout and Mortar</u></b>		 <b><u>Cost (per test)</u></b>
L450	All trial batch for cement, concrete, grout, mortar, etc.....	\$ by quote
 <b><u>Brick Masonry Tests</u></b>		 <b><u>Cost (per test)</u></b>
M500	Modulus of Rupture: Flexural (5 Required Per ASTM), each .....	\$ 40
M501	Compression Strength (3 Required Per ASTM), each.....	\$ 40
M502	Absorption: 5 Hour or 24 Hour (5 Required), each .....	\$ 40
M503	Absorption (Boil): 1, 2, or 5 Hours (5 Required), each .....	\$ 70
M504	Initial Rate of Absorption (5 Required), each.....	\$ 30
M505	Efflorescence (5 Required), each .....	\$ 75
M506	Core: Compression, each .....	\$ 50
M507	Shear Test on Brick Core: 2 Faces, each .....	\$ 70



<b><u>Masonry Prisms</u></b>		<b><u>Cost (per test)</u></b>
M508	Compression Test: Composite Masonry Prisms Up To 8" x 16" .....	\$ 180
M509	Compression Test: Composite Masonry Prisms Larger Than 8" x 16" .....	\$ 240
M510	Masonry: Cutting of Cubes or Prisms.....	\$ 60

<b><u>Mortar and Grout</u></b>		<b><u>Cost (per test)</u></b>
M511	Compression: 2" x 4" Mortar Cylinders .....	\$ 35
M512	Compression: 3" x 3" x 6" Grout Prisms, Includes Trimming .....	\$ 50
M513	Compression: 2" Cubes (ASTM C109) .....	\$ 50
M514	Compression: Cores (ASTM C42).....	\$ 50
M515	Mortar Expansion (ASTM C806).....	\$ 275

<b><u>Fireproofing Tests</u></b>		<b><u>Cost (per test)</u></b>
F550	Oven Dry Density .....	\$ 65
F551	Adhesion/Cohesions Testing, per hour, 4 hour minimum .....	\$ 100

<b><u>Gunite and Shotcrete Tests</u></b>		<b><u>Cost (per test)</u></b>
C420	Core Compression Including Trimming (ASTM C42) .....	\$ 50
C421	Compression 6" x 12" Cylinders .....	\$ 25
C422	Compression: Cubes .....	\$ 30

<b><u>Soils and Aggregate Tests</u></b>		<b><u>Cost (per test)</u></b>
S600	Atterberg Limits/Plasticity Index (ASTM D4318).....	\$ 120
S601	Chloride and Sulfate Content (CTM 417, CTM 422) .....	\$ 135
S602	Consolidation, Full Cycle (ASTM 2435, CTM 219) .....	\$ 245
S603	Cleanness Value: 1" x #4 (CTM 227) .....	\$ 175
S604	Cleanness Value: 2.5" x 1.5" or 1.5" x .75" (CTM 227).....	\$ 275
S605	Corrosivity Series: Sulfate, Cl, pH, Resistivity (CTM 643, 417, and 422) .....	\$ 190
S606	Resistivity .....	\$ 100
S607	Direct Shear Test (ASTM D3080).....	\$ 245
S608	Direct Shear Test, per point .....	\$ 95
S609	Direct Shear Test Sample Remolding (ASTM D3080).....	\$ 35
S610	Durability Index Fine Aggregate.....	\$ 150
S611	Expansion Index (ASTM D4829, UBC 18-2) .....	\$ 145
S612	Durability Index: Coarse Aggregate.....	\$ 150
S613	Maximum Density: Methods A/B/C (ASTM D1557 or D698, CTM 216).....	\$ 175
S614	Maximum Density: Check Point abrasion (ASTM D1557) .....	\$ 65
S615	Maximum Density: AASHTO C (Modified) (AASHTO T-180).....	\$ 190
S616	Moisture Density Rock Correction .....	\$ 150
S617	Moisture Content (ASTM D2216, CTM 226) .....	\$ 20
S618	Density: Ring Sample (ASTM D2937) .....	\$ 25
S619	Density: Shelby Tube Sample (ASTM D2937).....	\$ 35





**Schedule of Fees**  
Effective September 2017

S620	Organic Impurities (ASTM C40).....	\$ 85
S621	Failing Head Permeability (ASTM D2434) .....	\$ 225
S622	R-Value: Soil (ASTM 2844) .....	\$ 285
S623	R-Value: Aggregate Base (ASTM D2844).....	\$ 260
S624	Sand Equivalent (ASTM D2419, CTM 217) .....	\$ 110
S625	Soil Classification.....	\$ 25
S626	Sieve #200 Wash Only (ASTM D1140).....	\$ 85
S627	Sieve with Hydrometer: Sand to Clay (ASTM D422) .....	\$ 260
S628	Sieve Analysis including Wash (ASTM C136).....	\$ 150
S629	Sieve Analysis Without Wash.....	\$ 90
S630	Specific Gravity and Absorption: Coarse (ASTM C127, CTM 202).....	\$ 85
S631	Specific Gravity and Absorption: Fine(ASTM C128, CTM 207) .....	\$ 150
S632	Swell/Settlement Potential: One Dimensional (ASTM D4546) .....	\$ 155
S633	Unit Weight Coarse Aggregate.....	\$ 70
S634	Unit Weight Fine Aggregate .....	\$ 70
S635	Voids in Aggregate (ASTM C29) .....	\$ 80
S636	Unconfined Compression (ASTM D2166, CTM 221) .....	\$ 90
S637	LA Rattler.....	\$ 185
S638	pH of soil .....	\$ 25
S639	Pocket Penetration Test .....	\$ 10

**Asphalt Concrete Tests**

		<b><u>Cost (per test)</u></b>
A650	Asphalt Core Density .....	\$ 40
A651	Extraction % AC by Ignition Oven (CTM 382) .....	\$ 145
A652	Gradation on Extracted Asph (ASTM D6507 and D5444, CTM 202, and CTM 382) .....	\$ 100
A653	Moisture Content (CTM 370) .....	\$ 75
A654	Maximum Theoretical Specific Gravity (RICE) (ASTM D2041, CTM 309) .....	\$ 160
A655	Specific Gravity and Absorption: Coarse (ASTM C127, CTM 206).....	\$ 90
A656	Specific Gravity and Absorption: Fine (ASTM C128, CTM 207) .....	\$ 150
A657	Sieve Analysis (ASTM D5444 and C136).....	\$ 85
A658	Sieve Analysis with Wash (ASTM D5444).....	\$ 130
A659	Sand Equivalent (ASTM D2419) .....	\$ 125
A660	5 pt LTMD Bulk Specific Gravity (CTM 308, CTM 375) .....	\$ 275
A661	Flat and Elongated Particles (ASTM D4791).....	\$ 195
A662	Fine Aggregate Angularity (AASHTO T304 A) .....	\$ 185
A663	Maximum Density HVEEM (ASTM D1560) .....	\$ 200
A664	Maximum Density Marshall (ASTM D1559 and D561).....	\$ 200
A665	Mix Stability (CTM 304) .....	\$ 200

**Reinforcing Steel**

		<b><u>Cost (per test)</u></b>
R700	Bend Test: #11 or Smaller .....	\$ 55
R701	Bend Test: Larger Than # 11 .....	\$ 85



**Schedule of Fees**  
Effective September 2017

R702	Tensile Test: # 11 or Smaller .....	\$ 75
R703	Tensile Test: # 14.....	\$ 105
R704	Tensile Test: # 18.....	\$ 170
R705	Slippage Test In Addition to Tensile Test (Per Caltrans 52-1.08C) .....	\$ 180
R706	Tensile Test: Mechanical Splice # 11 and Smaller .....	\$ 110
R707	Tensile Test: Mechanical Splice # 14 .....	\$ 160
R708	Tensile Test: Mechanical Splice # 18 .....	\$ 195
R709	Tensile Test: Welded # 11 and Smaller .....	\$ 75
R710	Tensile Test: Welded # 14 .....	\$ 105
R711	Tensile Test: Welded # 18 .....	\$ 170
R712	Sample Straightening for Bend or Tensile Test (if required).....	\$ 50
R713	Testing Multi-Wire Steel Prestressing Strand .....	\$ 270

**Metal Testing**

		<b><u>Cost (per test)</u></b>
R714	Hardness Test (Rockwell) and Brinell (ASTM E18) .....	\$ 65
R715	Hardness Test of Nuts .....	\$ 75
R716	Hardness Test of Bolts.....	\$ 90
R717	Hardness Test of Washers.....	\$ 75

**Concrete Coring Services**

		<b><u>Cost (per test)</u></b>
C423	Equipment Concrete (4 and 8 hour minimum), per hour .....	\$ 190
	Individual Core Prices (all prices are for a four core minimum job):	
C424	Slab on Grade Coring for 2",3" and 4" Diameter (first 6" depth) each.	\$ 60
C425	Slab on Grade Coring for 6" and 8" Diameter (first 6" depth) each.....	\$ 65
C426	Slab on Grade Concrete Core (price per inch after 6" depth).....	\$ 5
C427	Wall Cores 2",3" and 4" (first 6" in depth) each .....	\$ 75
C428	Wall Concrete Core (price per inch after 6" in depth), per inch .....	\$ 5
	(Wall core pries based on Contractor supplying access to area to be cored)	
	Miscellaneous Concrete Coring Prices:	
C429	Patching Slab on Grade Cored Holes with 2500 psi Concrete Patch, each.....	\$ 10
C430	Thickness Determination per ASTM C42, each .....	\$ 10
C431	Compression Strength Determination .....	\$ 55

**Asphalt Concrete Coring Services**

		<b><u>Cost (per test)</u></b>
	Alternate Individual Core Prices (all prices are for a four core minimum job):	
A661	Asphaltic Concrete Cores 2",3" and 4" Diameter (First 6" in depth), each.....	\$ 60
A662	Asphaltic Concrete Cores 6" and 8" Diameter (First 6" in depth), each.....	\$ 60
A663	Asphaltic Concrete Cores price per inch after 6" in depth, each .....	\$ 5
	Miscellaneous Asphaltic Coring Prices:	
A664	Patching of Core Drilled Holes Using Cold Patch Material, each .....	\$ 25



**Schedule of Fees**  
Effective September 2017

A665	Thickness Determination per ASTM C42, each .....	\$ 25
A666	Specific Gravity for Determination of Percent Compaction per ASTM D 2726, each .....	\$ 35
A667	Specific Gravity for Determination of Percent Compaction by paraffin, each .....	\$ 55

**EXHIBIT "B"**  
**FEDERAL-AID CONTRACT PROVISIONS**

**FEDERAL-AID CONTRACT PROVISIONS**

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**ARTICLE IV PERFORMANCE PERIOD**

- A. This contract shall go into effect on \_\_\_\_\_, contingent upon approval by LOCAL AGENCY, and CONSULTANT shall commence work after notification to proceed by LOCAL AGENCY'S Contract Administrator. The contract shall end on \_\_\_\_\_, unless extended by contract amendment.
- B. CONSULTANT is advised that any recommendation for contract award is not binding on LOCAL AGENCY until the contract is fully executed and approved by LOCAL AGENCY.
- C. The period of performance for each specific project shall be in accordance with the Task Order for that project. If work on a Task Order is in progress on the expiration date of this contract, the terms of the contract shall be extended by contract amendment.

**ARTICLE V ALLOWABLE COSTS AND PAYMENTS**

- A. CONSULTANT will be reimbursed for hours worked at the hourly rates specified in CONSULTANT'S Cost Proposal (Exhibit A). The specified hourly rates shall include direct salary costs, employee benefits, overhead, and fee. These rates are not adjustable for the performance period set forth in this Contract.
- B. In addition, CONSULTANT will be reimbursed for incurred (actual) direct costs other than salary costs that are in the cost proposal and identified in the cost proposal and in the executed Task Order.
- C. Specific projects will be assigned to CONSULTANT through issuance of Task Orders.
- D. After a project to be performed under this contract is identified by LOCAL AGENCY, LOCAL AGENCY will prepare a draft Task Order; less the cost estimate. A draft Task Order will identify the scope of services, expected results, project deliverables, period of performance, project schedule and will designate a LOCAL AGENCY Project Coordinator. The draft Task Order will be delivered to CONSULTANT for review. CONSULTANT shall return the draft Task Order within ten (10) calendar days along with a Cost Estimate, including a written estimate of the number of hours and hourly rates per staff person, any anticipated reimbursable expenses, overhead, fee if any, and total dollar amount. After agreement has been reached on the negotiable items and total cost; the finalized Task Order shall be signed by both LOCAL AGENCY and CONSULTANT.
- E. Task Orders may be negotiated for a lump sum (Firm Fixed Price) or for specific rates of compensation, both of which must be based on the labor and other rates set forth in CONSULTANT'S Cost Proposal.
- F. Reimbursement for transportation and subsistence costs shall not exceed the rates as specified in the approved Cost Proposal.
- G. When milestone cost estimates are included in the approved Cost Proposal, CONSULTANT shall obtain prior written approval for a revised milestone cost estimate from the Contract Administrator before exceeding such estimate.
- H. Progress payments for each Task Order will be made monthly in arrears based on services provided and actual costs incurred.
- I. CONSULTANT shall not commence performance of work or services until this contract has been approved by LOCAL AGENCY, and notification to proceed has been issued by LOCAL AGENCY'S Contract Administrator. No payment will be made prior to approval or for any work performed prior to approval of this contract.
- J. A Task Order is of no force or effect until returned to LOCAL AGENCY and signed by an authorized representative of LOCAL AGENCY. No expenditures are authorized on a project and work shall not commence until a Task Order for that project has been executed by LOCAL AGENCY.

- K. CONSULTANT will be reimbursed, as promptly as fiscal procedures will permit upon receipt by LOCAL AGENCY'S Contract Administrator of itemized invoices in triplicate. Separate invoices itemizing all costs are required for all work performed under each Task Order. Invoices shall be submitted no later than 45 calendar days after the performance of work for which CONSULTANT is billing, or upon completion of the Task Order. Invoices shall detail the work performed on each milestone, on each project as applicable. Invoices shall follow the format stipulated for the approved Cost Proposal and shall reference this contract number, project title and Task Order number. Credits due LOCAL AGENCY that include any equipment purchased under the provisions of Article XI Equipment Purchase of this contract, must be reimbursed by CONSULTANT prior to the expiration or termination of this contract. Invoices shall be mailed to LOCAL AGENCY's Contract Administrator at the following address:

City of Garden Grove/ Dan Candelaria, P.E., T.E.  
11222 Acacia Parkway, Garden Grove, CA 92840

- L. The period of performance for Task Orders shall be in accordance with dates specified in the Task Order. No Task Order will be written which extends beyond the expiration date of this Contract.
- M. The total amount payable by LOCAL AGENCY for an individual Task Order shall not exceed the amount agreed to in the Task Order, unless authorized by contract amendment.
- N. If the Consultant fails to satisfactorily complete a deliverable according to the schedule set forth in a Task Order, no payment will be made until the deliverable has been satisfactorily completed.
- O. Task Orders may not be used to amend this Agreement and may not exceed the scope of work under this Agreement.
- P. The total amount payable by LOCAL AGENCY for all Task Orders resulting from this contract shall not exceed \$ (Amount). It is understood and agreed that there is no guarantee, either expressed or implied that this dollar amount will be authorized under this contract through Task Orders.

#### ARTICLE VI TERMINATION

- A. LOCAL AGENCY reserves the right to terminate this contract upon thirty (30) calendar days written notice to CONSULTANT with the reasons for termination stated in the notice.
- B. LOCAL AGENCY may terminate this contract with CONSULTANT should CONSULTANT fail to perform the covenants herein contained at the time and in the manner herein provided. In the event of such termination, LOCAL AGENCY may proceed with the work in any manner deemed proper by LOCAL AGENCY. If LOCAL AGENCY terminates this contract with CONSULTANT, LOCAL AGENCY shall pay CONSULTANT the sum due to CONSULTANT under this contract prior to termination, unless the cost of completion to LOCAL AGENCY exceeds the funds remaining in the contract. In which case the overage shall be deducted from any sum due CONSULTANT under this contract and the balance, if any, shall be paid to CONSULTANT upon demand.

#### ARTICLE VII COST PRINCIPLES AND ADMINISTRATIVE REQUIREMENTS

- A. CONSULTANT agrees that the Contract Cost Principles and Procedures, 48 CFR, Federal Acquisition Regulations System, Chapter 1, Part 31.000 et seq., shall be used to determine the cost allowability of individual items.
- B. CONSULTANT also agrees to comply with federal procedures in accordance with 2 CFR, Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards.

- C. Any costs for which payment has been made to CONSULTANT that are determined by subsequent audit to be unallowable under 2 CFR, Part 200 and 48 CFR, Federal Acquisition Regulations System, Chapter 1, Part 31.000 et seq., are subject to repayment by CONSULTANT to LOCAL AGENCY.

#### ARTICLE VIII RETENTION OF RECORDS/AUDIT

For the purpose of determining compliance with Public Contract Code 10115, et seq. and Title 21, California Code of Regulations, Chapter 21, Section 2500 et seq., when applicable and other matters connected with the performance of the contract pursuant to Government Code 8546.7; CONSULTANT, subconsultants, and LOCAL AGENCY shall maintain and make available for inspection all books, documents, papers, accounting records, and other evidence pertaining to the performance of the contract, including but not limited to, the costs of administering the contract. All parties shall make such materials available at their respective offices at all reasonable times during the contract period and for three years from the date of final payment under the contract. The state, State Auditor, LOCAL AGENCY, FHWA, or any duly authorized representative of the Federal Government shall have access to any books, records, and documents of CONSULTANT and its certified public accountants (CPA) work papers that are pertinent to the contract and indirect cost rates (ICR) for audit, examinations, excerpts, and transactions, and copies thereof shall be furnished if requested.

#### ARTICLE IX AUDIT REVIEW PROCEDURES

- A. Any dispute concerning a question of fact arising under an interim or post audit of this contract that is not disposed of by agreement, shall be reviewed by LOCAL AGENCY'S Chief Financial Officer.
- B. Not later than 30 days after issuance of the final audit report, CONSULTANT may request a review by LOCAL AGENCY'S Chief Financial Officer of unresolved audit issues. The request for review will be submitted in writing.
- C. Neither the pendency of a dispute nor its consideration by LOCAL AGENCY will excuse CONSULTANT from full and timely performance, in accordance with the terms of this contract.

#### ARTICLE X SUBCONTRACTING

- A. Nothing contained in this contract or otherwise, shall create any contractual relation between LOCAL AGENCY and any subconsultant(s), and no subcontract shall relieve CONSULTANT of its responsibilities and obligations hereunder. CONSULTANT agrees to be as fully responsible to LOCAL AGENCY for the acts and omissions of its subconsultant(s) and of persons either directly or indirectly employed by any of them as it is for the acts and omissions of persons directly employed by CONSULTANT. CONSULTANT's obligation to pay its subconsultant(s) is an independent obligation from LOCAL AGENCY'S obligation to make payments to the CONSULTANT.
- B. CONSULTANT shall perform the work contemplated with resources available within its own organization and no portion of the work pertinent to this contract shall be subcontracted without written authorization by LOCAL AGENCY's Contract Administrator, except that, which is expressly identified in the approved Cost Proposal.
- C. CONSULTANT shall pay its subconsultants within ten (10) calendar days from receipt of each payment made to CONSULTANT by LOCAL AGENCY.
- D. All subcontracts entered into as a result of this contract shall contain all the provisions stipulated in this contract to be applicable to subconsultants.
- E. Any substitution of subconsultant(s) must be approved in writing by LOCAL AGENCY's Contract Administrator prior to the start of work by the subconsultant(s).



**ARTICLE XI EQUIPMENT PURCHASE**

- A. Prior authorization in writing, by LOCAL AGENCY's Contract Administrator shall be required before CONSULTANT enters into any unbudgeted purchase order, or subcontract exceeding \$5,000 for supplies, equipment, or CONSULTANT services. CONSULTANT shall provide an evaluation of the necessity or desirability of incurring such costs.
- B. For purchase of any item, service or consulting work not covered in CONSULTANT's Cost Proposal and exceeding \$5,000 prior authorization by LOCAL AGENCY's Contract Administrator; three competitive quotations must be submitted with the request, or the absence of bidding must be adequately justified.
- C. Any equipment purchased as a result of this contract is subject to the following: "CONSULTANT shall maintain an inventory of all nonexpendable property. Nonexpendable property is defined as having a useful life of at least two years and an acquisition cost of \$5,000 or more. If the purchased equipment needs replacement and is sold or traded in, LOCAL AGENCY shall receive a proper refund or credit at the conclusion of the contract, or if the contract is terminated, CONSULTANT may either keep the equipment and credit LOCAL AGENCY in an amount equal to its fair market value, or sell such equipment at the best price obtainable at a public or private sale, in accordance with established LOCAL AGENCY procedures; and credit LOCAL AGENCY in an amount equal to the sales price. If CONSULTANT elects to keep the equipment, fair market value shall be determined at CONSULTANT's expense, on the basis of a competent independent appraisal of such equipment. Appraisals shall be obtained from an appraiser mutually agreeable to by LOCAL AGENCY and CONSULTANT, if it is determined to sell the equipment, the terms and conditions of such sale must be approved in advance by LOCAL AGENCY." 2 CFR, Part 200 requires a credit to Federal funds when participating equipment with a fair market value greater than \$5,000 is credited to the project.

**ARTICLE XII STATE PREVAILING WAGE RATES**

- A. CONSULTANT shall comply with the State of California's General Prevailing Wage Rate requirements in accordance with California Labor Code, Section 1770, and all Federal, State, and local laws and ordinances applicable to the work.
- B. Any subcontract entered into as a result of this contract, if for more than \$25,000 for public works construction or more than \$15,000 for the alteration, demolition, repair, or maintenance of public works, shall contain all of the provisions of this Article, unless the awarding agency has an approved labor compliance program by the Director of Industrial Relations.
- C. When prevailing wages apply to the services described in the scope of work, transportation and subsistence costs shall be reimbursed at the minimum rates set by the Department of Industrial Relations (DIR) as outlined in the applicable Prevailing Wage Determination. See <http://www.dir.ca.gov>.

**ARTICLE XIII CONFLICT OF INTEREST**

- A. CONSULTANT shall disclose any financial, business, or other relationship with LOCAL AGENCY that may have an impact upon the outcome of this contract, or any ensuing LOCAL AGENCY construction project. CONSULTANT shall also list current clients who may have a financial interest in the outcome of this contract, or any ensuing LOCAL AGENCY construction project, which will follow.
- B. CONSULTANT hereby certifies that it does not now have, nor shall it acquire any financial or business interest that would conflict with the performance of services under this contract.
- C. CONSULTANT hereby certifies that neither CONSULTANT, its employees, nor any firm affiliated with CONSULTANT providing services on this project prepared the Plans, Specifications, and Estimate for any

construction project included within this contract. An affiliated firm is one, which is subject to the control of the same persons through joint- ownership, or otherwise.

- D. CONSULTANT further certifies that neither CONSULTANT, nor any firm affiliated with CONSULTANT, will bid on any construction subcontracts included within the construction contract. Additionally, CONSULTANT certifies that no person working under this contract is also employed by the construction contractor for any project included within this contract.
- E. Except for subconsultants whose services are limited to materials testing, no subconsultant who is providing service on this contract shall have provided services on the design of any project included within this contract.

#### ARTICLE XIV REBATES, KICKBACKS OR OTHER UNLAWFUL CONSIDERATION

CONSULTANT warrants that this contract was not obtained or secured through rebates kickbacks or other unlawful consideration, either promised or paid to any LOCAL AGENCY employee. For breach or violation of this warranty, LOCAL AGENCY shall have the right in its discretion; to terminate the contract without liability; to pay only for the value of the work actually performed; or to deduct from the contract price; or otherwise recover the full amount of such rebate, kickback or other unlawful consideration.

#### ARTICLE XV STATEMENT OF COMPLIANCE

- A. CONSULTANT's signature affixed herein, and dated, shall constitute a certification under penalty of perjury under the laws of the State of California that CONSULTANT has, unless exempt, complied with, the nondiscrimination program requirements of Government Code Section 12990 and Title 2, California Administrative Code, Section 8103.
- B. During the performance of this Contract, Consultant and its subconsultants shall not unlawfully discriminate, harass, or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, physical disability (including HIV and AIDS), mental disability, medical condition (e.g., cancer), age (over 40), marital status, and denial of family care leave. Consultant and subconsultants shall insure that the evaluation and treatment of their employees and applicants for employment are free from such discrimination and harassment. Consultant and subconsultants shall comply with the provisions of the Fair Employment and Housing Act (Gov. Code §12990 (a-f) et seq.) and the applicable regulations promulgated there under (California Code of Regulations, Title 2, Section 7285 et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing Government Code Section 12990 (a-f), set forth in Chapter 5 of Division 4 of Title 2 of the California Code of Regulations, are incorporated into this Contract by reference and made a part hereof as if set forth in full. Consultant and its subconsultants shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other Agreement.
- C. The Consultant shall comply with regulations relative to Title VI (nondiscrimination in federally-assisted programs of the Department of Transportation – Title 49 Code of Federal Regulations, Part 21 - Effectuation of Title VI of the 1964 Civil Rights Act). Title VI provides that the recipients of federal assistance will implement and maintain a policy of nondiscrimination in which no person in the state of California shall, on the basis of race, color, national origin, religion, sex, age, disability, be excluded from participation in, denied the benefits of or subject to discrimination under any program or activity by the recipients of federal assistance or their assignees and successors in interest.
- D. The Consultant, with regard to the work performed by it during the Agreement shall act in accordance with Title VI. Specifically, the Consultant shall not discriminate on the basis of race, color, national origin, religion, sex, age, or disability in the selection and retention of Subconsultants, including procurement of materials and leases of equipment. The Consultant shall not participate either directly or indirectly in the

discrimination prohibited by Section 21.5 of the U.S. DOT's Regulations, including employment practices when the Agreement covers a program whose goal is employment.

#### **ARTICLE XVI DEBARMENT AND SUSPENSION CERTIFICATION**

- A. CONSULTANT's signature affixed herein, shall constitute a certification under penalty of perjury under the laws of the State of California, that CONSULTANT has complied with Title 2 CFR, Part 180, "OMB Guidelines to Agencies on Government wide Debarment and Suspension (nonprocurement)", which certifies that he/she or any person associated therewith in the capacity of owner, partner, director, officer, or manager, is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any federal agency; has not been suspended, debarred, voluntarily excluded, or determined ineligible by any federal agency within the past three (3) years; does not have a proposed debarment pending; and has not been indicted, convicted, or had a civil judgment rendered against it by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past three (3) years. Any exceptions to this certification must be disclosed to LOCAL AGENCY.
- B. Exceptions will not necessarily result in denial of recommendation for award, but will be considered in determining CONSULTANT responsibility. Disclosures must indicate to whom exceptions apply, initiating agency, and dates of action.
- C. Exceptions to the Federal Government Excluded Parties List System maintained by the General Services Administration are to be determined by the Federal highway Administration.

**EXHIBIT "C"**  
**CONSULTANT CONTRACT DBE COMMITMENT**

**EXHIBIT 10-O2 CONSULTANT CONTRACT DBE COMMITMENT**

1. Local Agency: City of Garden Grove 2. Contract DBE Goal: 12%  
 3. Project Description: On-Call Construction Inspection Services  
 4. Project Location: Haster Street at Lampson Avenue - HSIPL-5328(078)  
 5. Consultant's Name: KOA Corporation 6. Prime Certified DBE:  7. Total Contract Award Amount: \$20,000  
 8. Total Dollar Amount for ALL Subconsultants: \$2,400 9. Total Number of ALL Subconsultants: 2

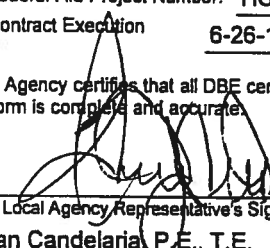
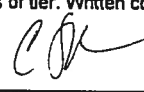
10. Description of Work, Service, or Materials Supplied	11. DBE Certification Number	12. DBE Contact Information	13. DBE Dollar Amount
Inspection of steel & Concrete	41797	The Alliance Group: 213-505-0295	\$2200
Material testing	35370	AESCO Inc.: 714-375-3830	\$200
<b>Local Agency to Complete this Section</b>			
20. Local Agency Contract Number: <u>7164</u>		<b>14. TOTAL CLAIMED DBE PARTICIPATION</b>	<b>\$ 2400</b>
21. Federal-Aid Project Number: <u>HSIPL-5328(078)</u>			<b>12.0 %</b>
22. Contract Execution Date: <u>6-26-18</u>			
Local Agency certifies that all DBE certifications are valid and information on this form is complete and accurate.		IMPORTANT: Identify all DBE firms being claimed for credit, regardless of tier. Written confirmation of each listed DBE is required.	
23. Local Agency Representative's Signature <u>Dan Candelaria, P.E., T.E.</u>	24. Date <u>5/22/18</u>	15. Preparer's Signature <u>Chuck Stephan</u>	16. Date <u>5/21/18</u>
25. Local Agency Representative's Name <u>City Engineer</u>	26. Phone <u>714-741-5185</u>	17. Preparer's Name <u>Vice President</u>	18. Phone <u>310-525-0678</u>
27. Local Agency Representative's Title		19. Preparer's Title	

DISTRIBUTION: 1. Original – Local Agency  
 2. Copy – Caltrans District Local Assistance Engineer (DLAE). Failure to submit to DLAE within 30 days of contract execution may result in de-obligation of federal funds on contract.

ADA Notice: For individuals with sensory disabilities, this document is available in alternate formats. For information call (916) 654-6410 or TDD (916) 654-3880 or write Records and Forms Management, 1120 N Street, MS-89, Sacramento, CA 95814

**EXHIBIT 10-O2 CONSULTANT CONTRACT DBE COMMITMENT**

1. Local Agency: City of Garden Grove 2. Contract DBE Goal: 12%  
 3. Project Description: On-Call Construction Inspection Services  
 4. Project Location: Garden Grove Blvd. at Ninth/Nina Street - HSIPL-5328(080)  
 5. Consultant's Name: KOA Corporation 6. Prime Certified DBE:  7. Total Contract Award Amount: \$18,000  
 8. Total Dollar Amount for ALL Subconsultants: \$2,160 9. Total Number of ALL Subconsultants: 2

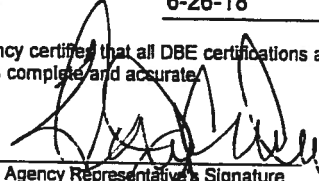

10. Description of Work, Service, or Materials Supplied	11. DBE Certification Number	12. DBE Contact Information	13. DBE Dollar Amount
Inspection of steel & Concrete	41797	The Alliance Group: 213-505-0295	\$1980
Material testing	35370	AESCO Inc.: 714-375-3830	\$180
<b>Local Agency to Complete this Section</b> 20. Local Agency Contract Number: <u>7131</u> 21. Federal-Aid Project Number: <u>HSIPL-5328(080)</u> 22. Contract Execution Date: <u>6-26-18</u> Local Agency certifies that all DBE certifications are valid and information on this form is complete and accurate.			14. TOTAL CLAIMED DBE PARTICIPATION \$2160 12.0%
23. Local Agency Representative's Signature  Dan Candelaria, P.E., T.E. 25. Local Agency Representative's Name City Engineer 27. Local Agency Representative's Title		IMPORTANT: Identify all DBE firms being claimed for credit, regardless of tier. Written confirmation of each listed DBE is required.  15. Preparer's Signature Chuck Stephan 17. Preparer's Name Vice President 19. Preparer's Title 5/21/18 16. Date 310-525-0678 18. Phone	

DISTRIBUTION: 1. Original – Local Agency  
 2. Copy – Caltrans District Local Assistance Engineer (DLAE). Failure to submit to DLAE within 30 days of contract execution may result in de-obligation of federal funds on contract.

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**EXHIBIT 10-O2 CONSULTANT CONTRACT DBE COMMITMENT**

1. Local Agency: City of Garden Grove 2. Contract DBE Goal: 12%  
 3. Project Description: On-Call Construction Inspection Services  
 4. Project Location: Magnolia Street at Orangewood Avenue - HSIPL-5328(081)  
 5. Consultant's Name: KOA Corporation 6. Prime Certified DBE:  7. Total Contract Award Amount: \$19,000  
 8. Total Dollar Amount for **ALL** Subconsultants: \$2,280 9. Total Number of **ALL** Subconsultants: 2

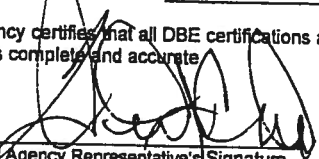
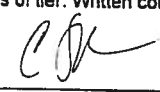
10. Description of Work, Service, or Materials Supplied	11. DBE Certification Number	12. DBE Contact Information	13. DBE Dollar Amount
Inspection of steel & Concrete	41797	The Alliance Group: 213-505-0295	\$2090
Material testing	35370	AESCO Inc.: 714-375-3830	\$190
<b>Local Agency to Complete this Section</b>			
20. Local Agency Contract Number: <u>7132</u>		<b>14. TOTAL CLAIMED DBE PARTICIPATION</b>	<b>\$ 2280</b>
21. Federal-Aid Project Number: <u>HSIPL-5328(081)</u>			<b>12.0 %</b>
22. Contract Execution Date: <u>6-26-18</u>			
Local Agency certifies that all DBE certifications are valid and information on this form is complete and accurate.		IMPORTANT: Identify all DBE firms being claimed for credit, regardless of tier. Written confirmation of each listed DBE is required.	
23. Local Agency Representative's Signature: <u></u>	24. Date: <u>5/22/18</u>	15. Preparer's Signature: <u></u>	16. Date: <u>5/21/18</u>
25. Local Agency Representative's Name: <u>Dan Candelaria, P.E., T.E.</u>	26. Phone: <u>714-741-5185</u>	17. Preparer's Name: <u>Chuck Stephan</u>	18. Phone: <u>310-525-0678</u>
27. Local Agency Representative's Title: <u>City Engineer</u>		19. Preparer's Title: <u>Vice President</u>	

DISTRIBUTION: 1. Original – Local Agency  
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**EXHIBIT 10-O2 CONSULTANT CONTRACT DBE COMMITMENT**

1. Local Agency: City of Garden Grove 2. Contract DBE Goal: 12%  
 3. Project Description: On-Call Construction Inspection Services  
 4. Project Location: 99 Intersections Citywide - HSIPL-5328(082)  
 5. Consultant's Name: KOA Corporation 6. Prime Certified DBE:  7. Total Contract Award Amount: \$26,000  
 8. Total Dollar Amount for ALL Subconsultants: \$3,120 9. Total Number of ALL Subconsultants: 2

10. Description of Work, Service, or Materials Supplied	11. DBE Certification Number	12. DBE Contact Information	13. DBE Dollar Amount
Inspection of steel & Concrete	41797	The Alliance Group: 213-505-0295	\$2860
Material testing	35370	AESCO Inc.: 714-375-3830	\$260
<b>Local Agency to Complete this Section</b> 20. Local Agency Contract Number: <u>7134</u> 21. Federal-Aid Project Number: <u>HSIPL-5328(082)</u> 22. Contract Execution Date: <u>6-26-18</u> Local Agency certifies that all DBE certifications are valid and information on this form is complete and accurate.			14. TOTAL CLAIMED DBE PARTICIPATION \$3,120 12.0%
23. Local Agency Representative's Signature: <u></u> Dan Candelaria, P.E., T.E. 25. Local Agency Representative's Name: <u>City Engineer</u> 27. Local Agency Representative's Title:		IMPORTANT: Identify all DBE firms being claimed for credit, regardless of tier. Written confirmation of each listed DBE is required. <u></u> 5/21/18 15. Preparer's Signature: <u>Chuck Stephan</u> 16. Date: <u>310-525-0678</u> 17. Preparer's Name: <u>Vice President</u> 18. Phone: 19. Preparer's Title:	

DISTRIBUTION: 1. Original – Local Agency  
 2. Copy – Caltrans District Local Assistance Engineer (DLAE). Failure to submit to DLAE within 30 days of contract execution may result in de-obligation of federal funds on contract.

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