



## Cost Proposal

City of Rialto

CM/Inspection & Labor Compliance Services  
Community Center Rehab, Basketball Court Improvements &  
Bud Bender Park Sideline Fencing CDBG  
Project Nos. CB1804, CB1901, CB1902

December 4, 2019

Firm:

**PPM Group Inc.**

	Project Time Needed	Pre-construction Phase	Construction Phase	Post Construction Phase	Total Hours	Billing Rate	Total
<i>Project Assignment</i>	<i>Project Assignment</i>						
Construction Inspector - TBD	100%	12	720	16	748	\$ 135.00	\$ 100,980.00
Labor Compliance	14%	6	88	6	100	\$ 125.00	\$ 12,525.00
PM / Construction Manager	5%	4	54	4	62	\$ 185.00	\$ 11,470.00

**Subtotal Construction Management: \$ 124,975.00**

Subconsultants	Services	Total
Ninyo & Moore	Materials Testing / Special Inspection	\$ 15,000.00

**Subtotal Subconsultants: \$ 15,000.00**

**Total Cost \$ 139,975.00**

### Limitations & Conditions:

Construction duration is estimated at 90 days with 2 days for preconstruction phase and 3 days for closeout phase.

**Inspectors will be fully equipped with vehicles, computers, tools, and equipment required to perform their tasks.**

Overtime and weekend work is not included. Overtime is to be charged at 1.5 the above rate for inspection work only.

Cost proposal is subject to prevailing wage rates and prevailing wage rate changes for inspection.

Contractor / San Bernardino County will provide field office space and office supplies needed.



## BADR ALKHATIB

### Construction Inspector

#### EDUCATION

BS, Civil Engineering,  
Bradley University, IL  
Bradley Award Program,  
Engineering Courses,  
University of  
Copenhagen,  
Copenhagen, Denmark

#### CERTIFICATIONS

PMP Training Certificate,  
Project Management  
Professional  
Excellence in Consulting  
Lifecycle Management  
(ECLM), USAID  
Professional Program  
Certified OSHA Safety  
Program – 30 Hours  
Certified in Hydraulic  
Scaffolding for Mega  
Projects  
ANSI/BICSI, ANSI/TIA-942,  
NFPA, A/SC, AC/, AASHTO,  
ANSI Code, and Building  
Code

Mr. Alkhatib is a dedicated versatile professional with extensive experience in project management and construction management services. He is experienced with all types of projects including infrastructure, transportation, commercial, data centers, and telecommunication, and critical facilities. **Badr experienced also includes state highways, and local street improvement construction works, including AC Paving, Cold Plane & Pave, Concrete Paving, storm drain systems, water and sewer lines installation, dry and wet utilities, excavation, grade checking, earthwork, electrical installations, and underground utilities. His experience also includes inspection of RHMA / HMA / JPCP / JPCP-RSC / grade checking, curb & gutters, curb ramp, sidewalks, Spandrel V-gutter, drainage and sewer systems, grouted rock strip, landscaping, retaining wall, striping, signalization, SWPPP, traffic control, and safety.** Badr possess excellent leadership, analytical, organizational, and communication skills. His experience includes managing all phases of a project from design through construction, plans reviews, constructability reviews.

Badr has been responsible for all aspects of construction management on both horizontal and vertical projects for local and state projects. He has acted as a project manager and construction manager on design build projects and traditional design, bid, build projects. His work on the projects have included constructability reviews, construction quality oversights, project and change controls and all levels of construction observation and inspection.

Badr has also been in responsible charge of the design of a wide variety of public works projects including numerous roadway improvement projects that included reconstruction or widening, bridges, significant utility work and/or relocations, retaining walls, drainage structures, traffic engineering and sustainable design. Badr is experienced with various software packages including, but not limited to Prolog, Primavera III / Sure Track, AutoCAD 14, SAP 2000, Power Graph, Power Point, Excel, MS Word, Lotus, and other software. All internet search and knowledge. Project Management Software. Fast learner and extremely flexible with Software and Technology.

## RELEVANT EXPERIENCE

### City of Rialto, Oakmont Development & CDRE Holdings 11, LLC, PPD 2018-0021, Rialto, CA

*Field Inspector* for the Oakmont Industry Badr was responsible for a 156,500 square foot industrial warehouse building and associated street, sidewalk, paving, drainage, lighting, fencing, and landscaping work services on 8.01 gross acres of land located at the northwest corner of Base Line Road and Tamarind Avenue. Responsibilities includes roadway embankments, grade checking using survey stakes, hot mixed asphalt (HMA), PCC paving, drainage structures, slope paving; MBGR installation, drainage and sewer system.



Badr Alkhatib

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Badr is also responsible for inspection of asphalt concrete pavement grade checking, concrete sidewalk, curb, curb & gutter, curb ramp, V-gutter, traffic control, and safety. He is also responsible for construction inspection services for a 99,999 square foot industrial warehouse building and associated street paving, drainage, lighting, fencing, and landscaping. is responsible for grade checking, inspection of HMA pavement, removal and resurfacing, construction of concrete pavement, sidewalk, curb, curb & gutter, curb ramp, V-gutter, drainage and sewer system, grouted rock strip, landscaping, retaining wall, striping and verification of SWPPP implementation, traffic control, and safety. Project Cost: \$1.5 Million.

#### **City of Whittier, Nelles at the Grove in Whittier (WUA18-027), Whittier, CA**

*Field Inspector.* The project includes demolition of the 68 buildings and new construction of 561 homes, 189 apartments and 150,000 square feet of retail and restaurant space. Four historic buildings will be preserved. Project also includes for new neighborhood parks and open space, as well as the restoration and reuse of four buildings from the 1920s and 1930s as part of the commercial and residential areas. Responsibilities include field inspection of asphalt concrete pavement, mill and resurfacing, AC dike, electrical work, coordinating with utility companies', landscaping, irrigation, grading, traffic signals, streetlights, water systems, sewer systems and traffic control, concrete drainage pools and overseeing compliance testing. Project Cost: \$42 Million.

#### **Private Individuals, Private Villas and Residential Units, Amman, Jordan**

*Project Manager / Client Representative.* Managed various residential and villa projects for private clients. Projects included new residential units, villas rehabilitation and enhancements, construction improvements and rebuilding of deteriorated facilities. He was also responsible for managing design and construction, plan reviews, constructability reviews, managing procurement and execution, projects financials and budgets, scuffle and deadlines up to successful projects close out. He was also the client's consultant and representative with architects and agencies, managing subcontractors and third-party entities. Project Cost: \$500,000 – \$2 Million.

#### **Qatar Ministry of Interior, New Ministry of Interior Headquarter Building, Qatar**

*Project Manager.* Ministry of Interior new building facade, lighting, and commissioning. Responsibilities included managing client's expectations, chair weekly and monthly clients and subs meetings, managing project budgets, claims, managing commissioning activities and deadlines, managing project staff and technicians. Lead project to successful handout to owner. Project Cost: \$15 Million.

#### **Government of Baghdad, New Bismaya City, Baghdad, Iraq**

*Senior Project Manager.* Project included design and construction of entry roads, local rads, side-ways and city main gates for new Bismaya City project in Baghdad. Responsibilities included managing build outs of subproject and security projects for the new city. Hired full construction team for the projects, managed budget, schedules, construction procurements and execution. Managed high-level coordination with construction partners, authorities, and stakeholders. Traveled between UAE and Iraq to manage different teams and departments involved in the project execution. Managed international vendors and equipment providers. Project Cost: \$25 Million.

#### **Public Investment Fund of KSA, ITTC – Information Technology Communication Complex, Riyadh, KSA**

*Project Manager.* Project included a 16,500 SQM ground-up build out of a stand-alone building to house telecommunication facilities and a one-of-a-kind data center. Responsibilities included managing the design and construction for the project, budgets, schedules, project planning and scope, personnel, technical issues, project execution and changes, commissioning, and project close out. Collaborated with stakeholders to develop project documents, plans, specifications and quality standards. Reviewed project specification and documents for best project execution and delivery on site. Project Cost: \$ 100 Million.



### **University of Chicago, Center for Biomedical Discovery - CBD, Chicago, IL**

*Senior Project Engineer.* Project included a 12-story mid steel building which included research facilities, student classrooms and laboratories, one of a kind architectural lobby, Vivarium, theater, mechanical and electrical floors, and office space. Responsibilities included reviewing design and construction plans for constructability, managing engineering staff, managing budgets and schedules, holding weekly and monthly construction meetings, and managing subcontractors in the field. Responsible for coordinating field activities, managing client relations, collaborated with architects and clients to enhance project and execution processes. Managed close out and commissioning up to successful project delivery. Project Cost: \$225 Million.

### **Bank One, Bank One Corporate Headquarter Office, Chicago IL**

*Project Manager* responsible for the rehab of the mechanical and electrical facilities, replacement of mechanical and electrical equipment, and new office and mechanical plants build out. Responsibilities included managing pre-construction activities and planning, coordinate engineering and project documents with client and architect, manage project start out, monitor execution and project delivery, manage project staff. Project Cost: \$50 Million.

### **Bank One, Regional Bank One Data Center, Rockford, IL**

*Project Manager* responsible for the ground-up construction of a 200, 000 SF building including mechanical and electrical plants, parking lots, sideways, and data center white floor. Responsibilities included managing project activities on day to day basis. Working with project executives to facilitate subcontractors work in the field, managing engineering plans, change orders, additions and requirements, holding weekly and monthly meeting for project updates, technical teams and equipment, and managed schedule and budgets. Collaborated with engineers and architects for project commissioning and project close out. Project Cost: \$300 Million.

### **SBC Telecommunication, SBC Telecommunication Facilities Rehab and Build out, Chicago, IL**

*Project Engineer* responsible for the three (3) year Alliance Program to rehab old telecommunication facilities and build new ones for SBC including civil, mechanical, and electrical projects in Chicago Metropolitan. Responsibilities included participating and managing pre-construction design activities, prepare bid documents, evaluate site needs, set up budgets and schedule, conduct scope review meetings with contractors, review and evaluate bids, award successful bidders, manage contractors qualification process, managing change orders, commissioning scope and delivery, project close out process and final project delivery. Project Cost: \$350 Million.

### **Illinois Department of Transportation, Macomb City 336 Bypass, Peoria, IL**

*Engineer / Assistant Project Manager* responsible for the design and construction inspection of the major 336 bypass project in Peoria City. Responsibilities included, but not limited to the design and construction inspection of major bypass project in Peoria City. Badr performed construction inspection, daily diaries, CCOs review and analysis, traffic control and detours, AC & PCC Pavement, stripping, excavation, CIDH Piles, bridge construction, and contract administration and documentation. In addition, he provided design review and analyzed highway alternatives for various conditions. Project Cost: \$28 Million.



## CESAR CERDA

### Construction Inspector

#### CERTIFICATIONS

IBEW Local Union 11  
CalOSHA 80-Hour Certification  
Traffic Signal and Street  
Lighting  
Journeyman – Electrical  
Training Trust  
National Electrical Code –  
Electrical Training Trust  
Conduit Bending – Electrical  
Training Trust  
Storm Water Pollution  
Prevention Training Basic  
Circuitry  
First Aid and CPR, Metro link,  
BNSF, Safety Course. C3  
Competent Person,  
Excavations

#### YEARS OF EXPERIENCE

32 Years

Mr. Cerda has more than 32 years of construction management experience including building construction, building remodeling, land development, roadways, highways, intersections, interchanges, freeways, and capital improvement projects for various city and county projects. His project experience involved Portland Cement Concrete, Hot Mix Asphalt (HMA), curb gutter and sidewalk, drainage, utilities, paving, metal beam guard rail (MBGR), striping, grinding, earthwork, signal and lighting work, paving, signalization, SWPPP, traffic control, safety, and public relation. His duties included construction inspection and Quality Control, daily reports and quantities take-offs, review and monitor schedule of work preparing reports and estimates, analyzing costs and claims, maintaining project documentation, evaluating sites, performing traffic control, and negotiating with contractors. His responsibilities also included ensuring compliance with plans and specifications preparing and reviewing as-built plans, and preparing final punch list. Mr. Cerda coordinated with local and federal agencies to conduct field inspections nighttime operations, and supervised capital improvements projects.

In addition, Cesar's experience includes Electrical Construction; Fiber Optics; CCTV; Communication; Utility Construction and Relocation; Power Application, Telephone Power Systems; Power Plants for Telecommunications; Photovoltaic Systems for Commercial and Residential Use; Audit for Telecom Plants; NEC and NFPA; Lighting and Power Distribution; and Power transmission lines.

Cesar is cross trained in civil and electrical inspection work. He has worked as an assistant resident engineer, construction lead inspector, and General Superintendent for several large electrical construction companies specializing in various fields including but not limited to highway widening and improvements, bridge widening and reconstruction, transmission pipeline construction and relocation, wastewater treatment facilities, commercial construction, and development construction. He has extensive knowledge of Caltrans Standard Plans and Specifications, Traffic Control Manual, Construction Manual, California Building Code City of Rialto Municipal Code and the Green Book.

#### RELEVANT EXPERIENCE

##### City of Whittier, Nelles at the Grove in Whittier (WUA18-027), Whittier, CA

*Field Inspector.* The project includes demolition of the 68 buildings and new construction of 561 homes, 189 apartments and 150,000 square feet of retail and restaurant space. Four historic buildings will be preserved. Project also includes for new neighborhood parks and open space, as well as the restoration and reuse of four buildings from the 1920s and 1930s as part of the commercial and residential areas. Responsibilities include field inspection of asphalt concrete pavement, mill and resurfacing, AC dike, electrical work, coordinating with utility companies', landscaping, irrigation, grading, traffic signals, streetlights, water systems, sewer systems and traffic control, concrete drainage pools and overseeing compliance testing. Project Cost: \$42 Million.





### **Holmes Street / Vallecitos Road (SR-84) Widening, Livermore, CA**

*Construction Inspector* responsible for inspection for this oversight project that involved the widening and signalization of two intersections. He was responsible for duties that included performing daily construction inspection to ensure contractor compliance with the contract plans and specifications and recording detailed daily inspection reports accurately reflecting construction progress. He assisted with pay quantity estimates, change orders, marking as-built drawings of actual construction and site conditions, taking progress photographs and logs, and maintaining a good working relationship with the contractor and client. Project Cost: \$3.4 Million.

### **City of South Gate, 3069 Highway Safety Improvements, South Gate, CA**

*Construction Inspector* for this Citywide project in which he was responsible for inspection of grading, installing new ADA compliant handicap ramps, and traffic control. Work included traffic coordination, paving, landscaping, concrete sidewalks, concrete aprons, signing and striping. He performs daily construction inspection and oversight of the removal and replacement of existing damaged conduit conductors, removal and replacement of old and damaged conductors inside the MCC control panel, replacement of existing damaged air ducting and existing old damaged air shaft platforms and ladders. Project Cost: \$4 Million.

### **Caltrans District 8, I-15 / El Cerrito Interchange Improvements, Corona, CA**

*Assistant Resident Engineer / Electrical Inspector.* Project consisted of bridge and roadway widening, drainage systems, traffic control, PCC Paving, AC paving, electrical work, MBGR, utility construction and relocation, signing and striping. Responsible for performing electrical inspection services for the interchange improvement project in the City of Corona including utility coordination, electrical inspection, Caltrans right-of-way, roadway excavation, AC paving, traffic control, signage, striping, curb, curb ramps, metal beam guardrail installation, drainage and SWPPP. The project involves the widening of two ramps and lane widening of two lanes in each direction. Project Cost: \$5 Million.

### **City of West Hollywood, Sunset Strip Beautification, West Hollywood, CA**

*Construction Inspector* for this high-profile project in a high-volume congested commuter corridor. In addition to reconfiguration of signals and turn-lanes along Sunset Boulevard, work involved coordination and scheduling with multiple utilities and their separate contractors as well as resurfacing existing concrete roads with Asphalt Rubber Hot Mix (ARHM). He was responsible for delivery of this fast-track (6-month) project constrained by restricted work windows due to the number of businesses and restaurants. The project required extensive traffic control, supervision of inspection and subconsultants, project reports and pay estimates, quality assurance, public outreach. He served as the single point of contact for the City, Contractor, and third parties. The ARRA federally funded project required impeccable documentation for maximum reimbursement and compliance. Project Cost: \$800,000.

### **Caltrans District 4, Highway 101 Widening, Santa Rosa, CA**

*Construction Inspector* for the first segment of this widening project to add HOV lanes from Santa Rosa in Sonoma County to the Marin County Line. Project consisted of roadway widening, drainage systems, traffic control, PCC Paving, AC paving, electrical work, MBGR, utility construction and relocation, signing and striping. He was responsible for duties that included performing daily construction inspection to ensure contractor compliance with the contract plans and specifications and recording detailed daily inspection reports accurately reflecting construction progress. He assisted with pay quantity estimates, change orders, marking as-built drawings of actual construction and site conditions, taking progress photographs and logs, and maintaining a good working relationship with the contractor and client. Project Cost: \$17.5 Million.



## GEORGE HEROLD

### *Construction Inspector*

#### EDUCATION

BS, Civil Engineering  
University of Colorado,  
Boulder, OC

#### YEARS OF EXPERIENCE

30 Years

#### AREAS OF EXPERTISE

- 30 Years of Construction Inspection Experience
- Roadway, Highway, Interchanges & Grade Separation Experience
- Pavement Management and Reconstruction

Mr. Herold has more than 31 years of experience in the construction industry. His experience includes experience on roadways, state highways, freeways, land development, and capital improvement projects for Cities and Counties. Additionally, his experience includes field engineering on a variety of construction projects including building construction, roadway construction, emergency repair, highway rehabilitation and widening projects. He is responsible for ensuring ADA compliance which entails verifying various type ADA ramp compliance with ADA standards including. George has extensive experience with ARAM/JCPC/ HMA/ RSC/cold foam in place recycled paving, curb, sidewalk, dike, pile driving, SWPPP/WPC, and CIDH foundation. He has worked on transportation infrastructure projects for Caltrans, various counties, cities and local agencies. He coordinates with local and federal agencies to conduct field inspections nighttime operations, and supervised capital improvements projects. His duties included scheduling programs, preparing reports and estimates, analyzing costs and claims, maintaining project documentation, evaluating sites, performing traffic control, and negotiating with contractors. His responsibilities included construction inspection and Quality Control, daily reports and quantities take-offs, review and monitor schedule of work, compliance with plans and specifications and certificates, shop drawings, change orders, submittals and RFI's, safety compliance, preparing and reviewing as-built plans, and preparing final punch list.

George has extensive knowledge of the Caltrans Standard Plans and Specifications, Caltrans Construction Manual, OSHA Safety Manual, Traffic Control Manual, California Building Code, California Green Building Standards, City Building Codes, SWPPP (California General Permit) and the Green Book. He works well independently, and he is skilled at learning new concepts quickly. He is familiar with County of San Bernardino Transportation Department Standard Specifications and Plans for Residential, Commercial Developments and Capital Improvement projects.

## RELEVANT EXPERIENCE

### **City of Whittier, Nelles at the Grove in Whittier (WUA18-027), Whittier, CA**

*Field Inspector.* The project includes demolition of the 68 buildings and new construction of 561 homes, 189 apartments and 150,000 square feet of retail and restaurant space. Four historic buildings will be preserved. Project also includes for new neighborhood parks and open space, as well as the restoration and reuse of four buildings from the 1920s and 1930s as part of the commercial and residential areas. Responsibilities include field inspection of asphalt concrete pavement, mill and resurfacing, AC dike, electrical work, coordinating with utility companies', landscaping, irrigation, grading, traffic signals, streetlights, water systems, sewer systems and traffic control, concrete drainage pools and overseeing compliance testing. Project Cost: \$42 Million.



George Herold  
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**Caltrans District 7, Construction Engineering, Construction Inspection, CPM Analyses Services (07A4358)**

*Assistant Roadway Inspector* responsible for filing and document control for all project documents according to Caltrans Filing Categories. He was also responsible for inspection of grade checking, concrete pavement, AC pavement sidewalk, V-gutter, drainage and sewer systems, striping, signalization, SWPPP, traffic control, and safety. Followed up and checked all of the traffic and SWPPP issues in the job site. He was also responsible for ADA compliance and verifying various types of ADA ramp with ADA standards. He prepared and submitted project weekly report such as weekly statement of working days report, COZEEP Task Order, SWPPP, Weekly Reports and Labor compliance report. He followed up on all the submittals, FDC's, RFI's, Monthly Progress Report and Assisting in Quantity calculations and monthly progress payment. Prepared Daily Assistant Resident Engineer Report. He was also responsible for checking and ensuring that all of the operations in the job site are accomplished according to Caltrans Standard Specifications & Plans. The purpose of this project was to restore the structural integrity and ride quality of the mainline and ramp pavements by rehabilitating or replacing existing PCCP and AC pavement on the mainline and exit/entrance ramps, as appropriate. Project Cost: \$16 Million.

**San Diego County Wide Street Overlay Project No. 16/17, San Diego, CA**

*Assistant Resident Engineer* responsible for inspection of 2-inch full width, street grinds and overlays, marked 3-inch dig out removal areas, and replacement of 3" dig out areas with  $\frac{3}{4}$  in AC and 2" cap of Rubber AC. Responsible for grinding the old pavement; subgrade preparation; placing new HMA; and new striping; shoulder widening; Metal Guard Rail Beam (MGRB) installation, traffic overhead signs, concrete barrier; asphalt dike curbs. George also ensured ADA compliance, verifying various type ADA ramp compliance with ADA standards including, but not limited to verification of ramp width, surface of the roadway in front of the curb ramp, material compliance, detectable warning surface width, depth, conforming sidewalk slopes, condition of the existing sidewalk and retaining curb backfill, longitudinal and cross slope, flare slopes, gutter slopes, road surface slope and condition, obstructions, and Pedestrian Push Button height and wheelchair accessibility at a signalized intersection. George was responsible for monitoring traffic control throughout the project, and quantities. He prepared daily reports and monthly pay estimates. Also responsible for ensuring that all work was in compliance with the contract documents. Project Cost: Various.

**City of Temecula Public Works Department, Temecula, CA**

*Construction Inspector* responsible for street improvements in Old Town Temecula, constructing sidewalks, installing of retaining curb. His responsibilities also included verifying quantities of material placed by the contractor in the field; preparing daily reports and pay estimates; performed SWPPP walkthroughs, prepared SWPPP reports, coordinated material testing, and attended meetings with the contractor to discuss and resolve project related issues. Project Cost: Various.

**Omni Trans Project, San Bernardino, CA**

*Engineering Roadway Inspector* for traffic control setups, relocation of water services, domestic and fire, roadway excavations, street subgrades, Aggregate Base Grades and AC Paving, relocation of backflow preventers, and temporary striping throughout the project. Project included street lighting, traffic signals and loops, sidewalk, C&G Grades and Pour Back, storm drainage installations, tree relocations, clearing and grubbing. Inspect Traffic Control setup and coordinate closures with Caltrans Traffic Management Center and COZEEP, relocation of water services, domestic and fire, and traffic loop installation. Responsible for calculation of monthly pay estimate quantities based on field measurements. He prepares daily reports and monthly pay estimates bid items and change order work. Also responsible for ensuring that all work is in compliance with the contract documents.





## RAYMOND TORRES

### *Construction Inspector / Electrical Inspector*

#### EDUCATION

CUNY BOCES Trade  
School, Electrical  
Construction, Caltrans  
Storm water Pollution  
and Prevention Training  
Caltrans / Industry Joint  
Seminar Section 39 Hot  
Mix Asphalt, SUPER  
PAVE, Rubberized

#### YEARS OF EXPERIENCE

35 Years

#### CERTIFICATIONS

CA, Electrical Contractor  
License, C1 0, No.  
668063, 1993 (Active)  
Project Management  
Institute / PMI  
ITS Construction  
Inspection of Traffic  
Signals  
Caltrans Hot Mix Asphalt  
Inspection Seminar, No.  
G100528

Mr. Torres has more than 35 years of construction and electrical construction experience on residential, commercial, and industrial projects. He has 15 years of roadway and electrical inspection experience. Mr. Torres's also has construction inspection experience with new and upgrade installation of highway electrical systems, traffic signals, ramp metering, vehicle detection system (VDS), radar and in roadway remote sensor nodes, fiber optics(interconnect conduit and splicing requirements), roadway and sign lighting, bridge structure lighting, weigh in motion(WIM) system, all loop traffic count stations. Raymond's experience also includes ensuring ADA compliance which entails verifying various type ADA ramp compliance with ADA standards.

Raymond is also experienced in state highways, and local street improvement construction works, including AC Paving, Cold Plane & Pave, Concrete Paving, sto drain systems, water and sewer lines installation, dry and wet utilities, excavatio grade checking, earthwork, electrical installations, and underground utilities. His experience also includes inspection of RHMA / HMA / JCPC / JPCP-RSC / cold foa place recycled paving, grade checking, asphalt and concrete pavement, curb & gutters, curb ramp, sidewalks, V-gutter, drainage and sewer systems, grouted ro strip, landscaping, retaining wall, striping, signalization, SWPPP, traffic control, ai safety.

Raymond is versed in the 2010 Federal Highway Administration Manuel on Uniform Traffic Control Devices. He has extensive knowledge of the Caltrans Standard Plans and Specifications, Caltrans Construction Manual, Traffic Control Manual, City Building Codes, SWPPP (California General Permit), Green Book, Structure Construction Manual, OSHA Safety Manual, and Caltrans Safety Manual. He is also knowledgeable in various industry codes, standards and specifications including ACI, AISC, USACE and AASHTO. In addition, his experience includes daily tracking and documenting all quantities, for CAD B input. He has a working knowledge of calculations pertaining to grading's and relative Compaction of untreated and treated soils and aggregates and their requirements.

## RELEVANT EXPERIENCE

### **City of Desert Hot Springs, Department of Public Works, Desert Hot Springs, CA**

*Electrical Inspector/Construction Inspector.* Responsible for field inspection of various public works projects such as roadway rehabilitation projects; traffic signal installation; sewers and other underground utility lines installation; sidewalk and ADA ramp construction. Projects included, but not limited to Cabot Drive Rehabilitation, Snider Road Improvements, Little Morongo Road Modifications, Palm Drive Improvements, Blackstar Avenue Improvements, and Coachillin Rehabilitation. His responsibilities include processing and issuing all City's Encroachment Permits for all utilities, residential, commercial and industrial projects; maintain records for all public works projects; scheduling and conducting pre-construction meetings with contractors and their subcontractors; maintaining oversight on all material testing and Implementing City Standard Specifications for Public Works Construction.



Raymond Torres  
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Raymond ensured ADA compliance, verified various type ADA ramp compliance with ADA standards including, but not limited to verification of ramp width, surface of the roadway in front of the curb ramp, detectable warning surface width. **He was also responsible for ARAM / JCPC / HMA / RSC / cold foam in place recycled paving, curb, gutters, sidewalks, grade checking, concrete pavement, drainage and sewer systems, grouted rock strip, landscaping, retaining wall, striping, signalization, SWPPP, traffic control, and safety.** In addition, he maintains oversight and scheduling maintenance and repair of electrical traffic signal system, street and sign lighting; working with CVAG to implement a Traffic Signal Interconnect Master Plan for the City. He is responsible for ensuring the Contractor complied with contract plans, specifications, traffic control and SWPPP compliance. He documented the Contractor's work with Caltrans standard daily diaries, work progress reports, and photographs. Mr. Torres is responsible for monitoring, documenting and implementing the plan requirements for installing electrical systems as per contract items, all systems installed. He also coordinated all the agencies involved with electrical service points, municipal lighting requirements and fiber optic communication agencies that were required to sign off on their systems. Project Cost: Various.

**Caltrans District 8, Highway 95, 10/95 Interchange to Lye Road, HMA Pavement Rehabilitation, San Bernardino**

*Assistant Resident Engineer / Quality Control Inspector.* Project included 72 miles of HMA overlay and improvements to PCC curb ramps, upgrades to Metal Beam Guard Railing and upgrades to Traffic Count Station Loops. **Mr. Torres services included full-time, night inspection of milling operations and preparation for HMA overlay. His was responsible for ensuring the Contractor complied with contract plans, specifications and SWPPP. He tracked cold planning quantities and Type C HMA placement tonnage, along with dike removal quantities.** He documented the Contractor's work with Caltrans standard daily diaries, work progress reports, and photographs. Project Cost: \$16 Million.

**Caltrans District 8 (Contract No. 081C3704), Hwy 95, Riverside County, Blythe, CA**

*Assistant Resident Engineer / Construction Inspector* responsible for the Hwy 95, Riverside County near Blythe, from 0.2 miles south of route 10/95 separation to 0.7 mile south of Lye Road, HMA overlay, upgrade PCC Curb Ramps and upgrade Metal Beam Guard Railing, upgrade Traffic Count Station Loops. He provided full-time onsite construction inspection for this 72-mile, heavily traveled SR-95 project. Mr. Torres worked nights with two milling machines grinding and preparing one lane for HMA placement. As a Construction Inspector, he maintained various activities, such as, ensuring the contractor complies with contract plans and specifications, storm water pollution and prevention plan issues, safety at every construction stage and adequate traffic control for public safety. He ensured ADA compliance and verified various type ADA ramp compliance with ADA standards. **He was also responsible for ARAM / JCPC / HMA / RSC / cold foam in place recycled paving, curb, gutters, sidewalks, grade checking, concrete pavement, drainage and sewer systems, grouted rock strip, landscaping, retaining wall, striping, signalization, SWPPP, traffic control, and safety.** Additionally, he was responsible for tracking cold plane item quantities and type C HMA placement tonnage, all dike removal and prepared pay quantities for Cad B input. His duties also included maintaining a record of daily activities (daily diaries, work progress reports, photographs). Project Cost: \$ 16 Million.

**Caltrans District 8 (Contract No. 08A2147), I-40, from post mile, 119.3 to 154.5 Arizona State Line, Needles**

*Assistant Resident Engineer / Quality Control Inspector* for the I-40 Cold Plan and HMA Pavement Rehabilitation from PM 119.3 to 154.5 Arizona State Line. Project included placement of over 240,000 tons of HMA Type C pavement. Other project features included upgrading Metal Beam Guard Railing, replacing oversized drains, and installation of Vehicle Smart Crash Cushions, dikes, electrical piezo sensors, PCC handicap ramps, exit ramp PCC rebar termini's and curb and gutter. **Responsibilities included HMA paving excavation, grade checking, demolition of concrete pavement, removal of asphalt and concrete pavement.** He maintained daily quantity calculations, daily safety reviews and daily diaries following Caltrans' procedures. Cost: \$18 Million.



Raymond Torres  
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**Riverside County Transportation Commission / Caltrans Oversight (EA 08OF1614), 1-215 Widening between Murrieta Hot Springs Road and Scott Road, PM 9.507/15.515, Murrieta, CA**

*Electrical Construction Inspector.* Mr. Torres provided electrical inspection for RCTC's construction of one general purpose lane and one left shoulder in the median in both directions of 1-215. Construction included a concrete median barrier, variable thickness grinding and HMA overlaying of the existing lanes, drainage improvements and installation of ramp metering systems, vehicle detection systems, weight-in-motion systems and a bridge structural lighting plan. Responsible for ADA compliance, verified various type ADA ramp compliance with ADA standards including, but not limited to verification of ramp width, surface of the roadway in front of the curb ramp, detectable warning surface width, depth, and material compliance, curb ramp surface finish, obstructions, condition of the existing sidewalk and retaining curb backfill, and Pedestrian Push Button height and wheelchair accessibility at a signalized intersection. **He was also responsible for inspection of grade checking, concrete pavement, AC pavement sidewalk, V-gutter, drainage and sewer systems, striping, signalization, SWPPP, traffic control, and safety. Followed up and checked all of the traffic and SWPPP issues in the job site.** He also monitored, documented and implemented the plan requirements for installation of electrical systems as per contract items, all systems installed. He also coordinated all the agencies involved with electrical service points, municipal lighting requirements and fiber optic communication agencies that were required to sign off on their systems. Project Cost: \$16 Million.

**City of Riverside Oversight, Columbia Avenue Grade Separation, SR-91 to Iowa Avenue, Riverside**

*Construction Inspector / Quality Control Inspector.* Mr. Torres provided onsite construction support for the Columbia Avenue Railroad Overcrossing between the SR-91 Freeway and Iowa Avenue in the City of Riverside. **His responsibilities included inspection of RHMA / HMA / JCPC / JPCP-RSC / cold foam in place recycled paving, grade checking, asphalt and concrete pavement, curb & gutters, curb ramp, sidewalks, V-gutter, drainage and sewer systems, grouted rock strip, landscaping, retaining wall, striping, signalization, SWPPP, traffic control, and safety.** Project Cost: \$40 Million.

**Caltrans District 8, SR-62 Widening, Morongo Valley, CA**

*Electrical Construction Inspector.* The 5-mile project consisted of a roadway realignment, shoulder widening and various drainage and electrical improvements on Route 62 in San Bernardino County, in and near Morongo Valley and Yucca Valley from 0.1 km West of Hess Boulevard to La Honda Way. **Responsible for ARAM / JCPC / HMA / RSC / cold foam in place recycled paving, curb, gutters, sidewalks, grade checking, concrete pavement, drainage and sewer systems, grouted rock strip, landscaping, retaining wall, striping, signalization, SWPPP, traffic control, and safety.** Mr. Torres monitored installation of lighting standards at various gore points, installing necessary service cabinets. He also monitored all roadway and electrical operations on site; and scheduled all utility installations and inspections. Tracked and documented roadway items, removal of material from site and the testing and placement of material to site. He was responsible for the inspection of loop replacement, modification of sign illumination and profile grinding, highway safety lighting and installation of an electrical conduit system. He inspected electrical lighting, and ramp and traffic metering systems. He interacted with contractor and subs on each item of project to maintain continuity and progress, and assisted client in office with pay quantity calculations on daily basis along with daily project reports. Project Cost: \$9 Million.



## CYRUS RAVAEI, PE, QSP/QSD

### *Project Manager / Construction Manager / Building Inspector*

#### EDUCATION

MS, Civil Engineering  
University of Texas,  
Austin

BS, Civil Engineering  
Purdue University, West  
Lafayette

#### REGISTRATION

CA, Civil Engineer  
No. 42826

CA, Qualified SWPPP  
Developer / Practitioner

#### YEARS OF EXPERIENCE

30 Years

Mr. Ravaei has more than 30 years of experience in project and construction management, structural and civil engineering and construction inspection. Cyrus was assigned to high-profile projects on which he administered the contracts, supervised contractors and construction teams, responded to requests for information (RFIs), processed contract change orders, and performed cost estimating. He has been responsible for project coordination between owners, designers, contractors, subcontractors, suppliers and local agencies.

Cyrus' responsibilities have included construction inspection of excavation/fill; concrete; aggregate base; AC paving; SWPPP management; pavement reinforcing fabric; drainage systems; utilities; underground electrical; curb, gutter and sidewalk; medians; traffic signals, ramp metering and traffic loops; lighting; striping; erosion control; signage; and fencing. Cyrus also participated in public hearings for community information and outreach programs.

Cyrus reviews and analyzes critical path method (CPM) schedules, monitored safety and quality assurance programs, and provided claims resolution services.

Cyrus is knowledgeable of the Greenbook Standard Specifications for Public Works Construction, Standard Plans for Public Works Construction, Cal/OSHA Construction Safety Orders, and Caltrans Standard Specifications, Standard Plans, and Standard Special Provisions. Other inspection related duties included quantity tracking; pay estimate processing; writing daily and weekly progress reports; schedule review; monitoring Storm Water Pollution Prevention Plans; as-built drawing maintenance; construction material purchasing; claims avoidance/analysis; punchlist monitoring; project close-out; surveying; and estimating.

### RELEVANT EXPERIENCE

#### **City of Fontana, Fontana Park and Jessie Turner Community Center, Fontana, CA**

*Assistant Construction Manager.* Project included a 35-acre Fontana Park comprised the 43,500 SF Jessie Turner Community Center, an aquatic complex for college and high school competition with dual water slides, a zero-depth water play area and a recreational pool. There was also a corporate pavilion, a 25,000 SF skate park with street course design, open space with a trail system, a formal park area with children's play area, a colonnade with a Spanish fountain and a terraced viewing area. Responsible for infrastructure and street in the area such as, under and above ground utilities, sewer and storm drains, grading, AC and concrete paving, landscaping and hardscape, street lights, traffic signals and signing and striping addition, he is responsible for and sewer lines, concrete, SWPPP/BMP monitoring, all at direction of RE, daily documentation. He also oversaw quality assurance and provided cost estimating and coordination for the project. In addition, he reviewed, analyzed, negotiated and made recommendations regarding change orders. Project Cost: \$50 Million.

#### **City of Los Angeles, Fire Station 21, Los Angeles, CA**

*Construction Manager.* Cyrus managed the construction of a two-story building with exterior CMU walls; a steel column and beam framing system and interior metal studs, partition walls and ceiling. He also oversaw the erection of a one-story maintenance building.





### **City of Fontana, Various Public Works Projects, Fontana, CA**

*Resident Engineer.* Cyrus managed projects from planning and design stage through completion of construction. He coordinated the design work of roadway and building facilities with consultants, performed constructability reviews, worked on Engineer's Estimates, prepared project specifications, and finalized the bidding package. He participated in the bidding process and contractor evaluations. He continued with managing the projects through their construction phase. Projects included trails and landscaping; design-build retail developments oversight, infrastructure and street widening improvements such as, under and above ground utilities, sewer and storm drains, grading, AC and concrete paving, landscaping and hardscape, street lights, traffic signals and signing and striping per Greenbook and Caltrans Standards. Responsible for contract administration, quality assurance, and contract close outs. His duties included day to day construction management, reviewing submittals, responding to RFI's, reviewing/negotiating and writing change orders, progress pay estimates, daily inspection and diaries, traffic control checks, manage and execute safety meetings, weekly meetings and weekly statements of working days. Project Cost: Various.

### **City of Fontana, Fire Station 79, Fontana, CA**

*Project Manager.* Cyrus participated in the planning and design of a fire station building by developing contract documents and specifications. The facility was constructed using concrete masonry unit (CMU) exterior walls, steel trusses and interior metal stud walls.

### **City of Fontana, Falcon Ridge Town Center, Fontana, CA**

*Project / Construction Manager.* Cyrus oversaw the design and construction of a design-build retail development within the City of Fontana public right of way. Work included improvements to area streets, utilities and public facilities.

### **SR-138 / Pearblossom Pavement Rehabilitation West, Palmdale, CA**

*Assistant Resident Engineer.* Responsible for construction inspection of widening existing two-lane highway to standard four-lane highway and pavement rehabilitation on Pearblossom Highway State Route 138 from Avenue S in the City of Palmdale to 165th Street East in Llano. Cyrus prepares and processes change orders, daily logs, and working day statements; collect work records; maintain accurate records of work completed for payment purposes; conduct employee interviews; prepare as-built plans; and perform other associated contract administration tasks. He has established and maintain effective working relationships with the Construction Division and Department staff. Project Cost: \$11.1 Million.

### **Del Mar Avenue / Alhambra Wash Bridge Replacement, County of Los Angeles Public Works, San Gabriel, CA**

*Resident Engineer.* The new \$8.9 million project, fully replaces the existing 85 years old Del Mar Avenue Bridge over Alhambra Wash Channel with a new bridge, utilizing 17-80' long pre-stressed girders supporting a new The project includes phased removal of the existing concrete deck, steel framing, abutments, and related facilities. concrete deck. The new improvements include rebuilding of channel walls and invert, construction of abutments, placement of pre-stressed girders and bridge deck in two phases. Additionally, the project includes widening of adjacent areas of Del Mar Avenue, construction of new access road to the adjacent major shopping center, removal of hazardous paint material, placement of temporary and permanent traffic signals, placement of decorative streetlights, and addition of architectural features. Project Cost: \$8.9 Million.





## STEVE HOLT, AIA, LEED AP *Building Inspector*

### EDUCATION

MBA, University of  
California, Los Angeles  
MS, Civil Engineering  
University of Southern  
CA  
BS, Civil Engineering  
California State  
University, Northridge

### REGISTRATION

CA, Architect  
LEED Accredited  
Professional

### YEARS OF EXPERIENCE

20 Years

Mr. Holt has extensive experience with municipal facilities, research facilities, seismic retrofit projects, medical facilities, K-12, and historic renovation. His project management experience includes 17 years on projects with costs exceeding \$50M, plus 11 years managing the design and construction of OSHPD and DSA approved facilities. He collaborative management style has kept his projects focused on quality, schedule and budget. Steve's claims analysis has included review of sub-standard work, schedule delay, code defects, ADA issues, and design flaws. He is listed as an architectural expert witness and has appeared in Owner-Contractor negotiations and legal suits. Mr. Holt was successful on behalf of the LACCD in claim resolution on their Aviation Complex at West Los Angeles College. Steve's experience includes design and implementation of energy efficiency and life cycle cost goals. He has implemented LEED and CHPS requirements and monitored point scoring from initial design through final construction and commissioning. He has worked with HVAC and Electrical Engineers to determine the most cost-effective options for meeting energy and environmental requirements. He has written specifications and developed performance standards for specialized design-build items. He works closely with the Owner to achieve project goals.

## RELEVANT EXPERIENCE

### Aviation Complex, West Los Angeles College, Culver City, CA

*Construction Project Manager:* 55,000-square-foot facility. Work included restart of project stalled by contaminated soils which was discovered at 65% of construction, completion of construction, coordination of FF&E, move-in coordination, mediation of construction delay charges and change order claims. He reduced change order requests by \$700,000 and negotiated \$300,000 delay claim. Hired in November 1996 / beneficial occupancy in September 1997 / resolution of claims in June 1998. Project Cost: \$8.7 Million.

### College of the Desert, Hilb Library Renovation, Palm Desert, CA

*Senior Project Manager* for the design renovation of a 38,900 SF building. Project will demo and replace all building systems and comply with LEED silver standards. Senior Project Manager for various design and construction projects, including the renovation of Building C, a new Pottery Canopy, and renovation of the Child Care Center Playground. Project Cost \$20 Million.

### Pierce College Performing Arts Building Remodel, Woodland Hills, CA

*Senior Construction Manager* for the Design-Build Remodel addressing Theatrical and ADA improvements to 30-year old, 32,635 SF building. His responsibilities included preparing schedules, Project Buy-Out, invoicing, construction RFI / Detail Design. In addition, he was responsible for negotiation of Change Order Proposals, Delay Claim Analysis, Quality Control of the Theatrical Systems, Commissioning Requirements, management of revisions (CCD's), and Cost Control. Project Cost \$10.9 Million.

### Motion Picture Industry Pension and Health Plans, Tenant Improvement, Studio City, CA

*Senior Project Manager* for interior gutting and high-end office upgrade of the third floor. The project included 58,400-square-foot renovation and 16,000-square-foot temporary flex space so that required work flow was unimpeded throughout the phased construction process. Project Cost: \$5.8 Million.



Steve Holt, AIA, LEED AP

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### **Verdugo Hills Hospital – Addition and Parking Structure, Glendale, CA**

*Owner's Representative and Construction Project Manager* for a 132,000-square-foot acute care expansion project. He met challenging schedule requirements, while maintaining existing hospital operations. Hospital Addition was a GMAX contract with incentives for meeting major delivery milestones. Medical Office Building and Parking Structure were Design-Build contracts. Owner elected to augment MOB quality during construction necessitating rigorous cost control and value received negotiations. Project Cost \$24.4 Million.

### **Placentia-Yorba Linda Unified School District Bond Measures, Placentia, CA**

*Senior Design Manager* for various specialty projects including the new El Dorado HS Theater, 2 theater renovations, and new District Data Center. Work included multiple contract types, including lease-lease back, multi-prime, and traditional design bid-build. He issued over 30 RFP's and 2 RFQ's for Theater Lighting and Theater Sound.

### **City of Los Angeles Library Bond DD, Los Angeles, CA**

*Program Design Manager* for the \$183.8 million bond program to design, construct, and install 26 new branch libraries plus 4 library renovations. He developed facility design standards, product specifications, and implemented LEED compliance. In addition, he managed Constructability Review of projects at each design phase submittal. Format of monthly Board Report was selected by the City of Los Angeles as the standard template for project reporting. Project Cost \$183.8 Million.

ancial, and scheduling efforts of right-of-way agents, design engineers, project management consultants, construction contractors, landowners, and other county agencies and divisions. Reviewed and approved Land Developers' requests for reimbursement of expenses incurred to design, administer, and construct the necessary improvements. Prepared and administered financial reports for fund sharing programs with other government agencies that provided and allocated funds for various projects. Two such fund sharing programs: State/Local Transportation Program with CALTRANS; Measure "M" Program with the Orange County Transportation Authority. Prepared and maintained comprehensive status reports for public / private program for use by policy and decision makers summarizing the ongoing accomplishments and issues as well as the financial, design, and construction status of the program.

### **Operations and Maintenance, County of Orange, Public Works Department, Santa Ana, CA**

*Project Engineer.* Supervised the design/drafting of construction drawings, and prepared specifications and cost estimates for improvements to road, flood control, harbor, beaches, and parks facilities. Conducted weld engineering during construction. Reviewed construction contract change orders and participated in dispute resolution conferences. Administered various construction contracts. Performed hydrology studies and hydraulic analyses for flood control facilities. Prepared a Request for Proposal and monitored a consultant contract for an area-wide drainage study. Designed biotechnical and structural erosion control systems.

### **South County Roadway Improvement Program (SCRIP), County of Orange, Public Works Department, Santa Ana, CA**

*Project Engineer.* Managed all aspects of the \$145 million fee program known as the South County Roadway Improvement Program (SCRIP). Prepared Fee Credit Agreements. Provided financial data for budget purposes. Prepared Final Invoice and all support documents for the \$15.5 million federal grant for a south county major arterial highway. Project Cost: \$145 Million.



## FRED ALIPANAH, PE

### *Resident Engineer / QA/QC*

#### EDUCATION

BS, Civil Engineering,  
University of Maryland  
Port & Harbor Engineering,  
Post Graduate Study,  
Tokyo, Japan

#### REGISTRATION

CA, Professional Civil  
Engineer, No. C64521

#### CERTIFICATIONS

Caltrans District 8,  
Resident Engineer  
Certificate

Mr. Alipanah has more than 30 years of experience in project and construction management, structural and civil engineering and construction inspection. Fred worked for Caltrans District 7 and 8 for over 20 years. He is a highly regarded team leader, bringing together members of various levels of government, agencies, contractors, consultants and constituents to develop cordial relationships to bring projects to an on-time, at budget conclusion. He has the ability to work with diverse communities to ensure a project is efficiently executed from well-developed plans. He is an excellent communicator and highly respected for his technical competence and effective project execution. Fred is assigned to high-profile projects on which he administered the contract, supervised contractors and construction teams, responded to requests for information (RFIs), processed contract change orders, and performed cost estimating. He has been responsible for project coordination between owners, designers, contractors, subcontractors, suppliers and local agencies. His responsibilities have included developing workplans with project management software P3, project resourcing and updating schedules, HMA inspection and concrete inspection. His responsibilities include traffic control; drainage, water, sewer and utility inspection.

Fred is experienced with writing change orders, reviewing extra work bills, responding to RFI and NOPC's. In addition, he reviews claims, quantity take off, and processes monthly estimate. Fred reviews and analyzes critical path method (CPM) schedules, monitored safety and quality assurance programs, and provided claims resolution services. Additionally, he worked on the Atlantic City Airport Runway and provided design and capacity calculation services. He has also worked on various onshore and offshore projects. Fred is knowledgeable of the Greenbook Standard Specifications for Public Works Construction, Standard Plans for Public Works Construction, Cal/OSHA Construction Safety Orders, Caltrans Standard Specifications and Standard Plans. Other inspection related duties included quantity tracking; pay estimate processing; writing daily and weekly progress reports; schedule review; monitoring Storm Water Pollution Prevention Plans; as-built drawing maintenance; construction material purchasing; claims avoidance/analysis; punch list monitoring; project close-out; surveying; and estimating.

## RELEVANT EXPERIENCE

### **Ontario International Airport, On-Call Construction Management and Related Services, Ontario, CA**

*Project Manager* responsible for coordinating construction activities for various projects, including but not limited to FedEx Building, commercial buildings, roadway widening and paving (HMA, PCCP), utility coordination and relocation, drainage systems, sewer, SWPPP, electrical, grading new ramps, frontage roads, traffic control and safety inspection reviews with daily documentation of compliance in accordance with plans and specifications. Project Cost: Various.

### **Caltrans District 8, Route 215 / Barton Road Bridge Replacement Project, Grand Terrace, CA**

*Resident Engineer.* Project consisted of replacing Barton Road Bridge, Ramp Improvement/Relocation, Construction of Retaining Walls, Sound Walls, Drainage and Sewer Systems, City Street Improvements and new Signalized Intersections. His work included Contract Administration, Construction Inspection, Staff Supervision and Training, reviewing and responding to Submittals and RFI's, negotiating and writing Change Orders, maintaining Project Budget and Schedule, coordination and meetings with Utility Companies, producing the Monthly Progress Estimate, attending DRB and Partnering meetings, coordination with local agencies, San Bernardino County Transportation Authorities, attending Town Hall meetings, local school meetings. Project Cost: \$47.4 Million.



Fred Alipanah, PE  
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**Caltrans District 8, Route 10 Slab Replacement Project, Various Cities in San Bernardino County, CA**

*Resident Engineer.* This Project was on Route 10, over a stretch of 30 miles between the Los Angeles County Line and 38/10 Separation. The Project consisted of replacing more than 10,000 Concrete Slabs, Cold Plane Shoulders and Ramps, Paving with RHMA, replacing Guard Rails, Smoothness Grinding of Concrete Pavement and Electrical work on Route 10. Duties included Contract Administration, Staff Supervision and Training, determination of the Slabs to be replaced, reviewing and responding to Submittals and RFI's, negotiating and writing Change Orders, maintaining Project Budget and Schedule, producing Monthly Progress Estimate, attending DRB and Partnering meetings and responding to Contractor's claims. In addition to nightly closures on this project, there was also a 55-hour weekend closure for which he ensured provision for public safety and traffic flows to remained within expectation. Arranged for radio advertisement and public outreach. Project Cost: \$38 Million.

**Caltrans District 8, Route 15 Rehabilitation Project, San Bernardino County, CA**

*Resident Engineer.* This Project was on Route 15, Between 7<sup>th</sup> Street and Sierra, a stretch of 9 miles in San Bernardino County. The Project consisted of adding 36 lane miles of concrete pavement in the median and replacing more than 36 miles of existing concrete lanes. The project included 3 stages to complete the work. Stage 1, construction consisted of random slab replacement and grind existing lane 1 and 2. In Stage 2, the construction included excavation, drainage work, concrete paving and barrier work in the median, Stage 3 involved and replacement of concrete pavement in the outer two lanes, Drainage and Barrier work, Electrical work and Guard Rails work. Duties included Contract Administration, Staff Supervision and Training, Planning for weekend work, reviewing and responding to Submittals and RFI's, negotiating and writing Change Orders, maintaining Project Budget and Schedule, producing Monthly Progress Estimate, attending DRB and Partnering meetings and responding to Contractor's claims. In addition to two 10-hour work shift, day and night, there were 26 55-hour weekend closures for which he ensured provision for public safety, traffic flows to remain within expectation, arranged for radio advertisement and public outreach. Project Cost: \$84 Million.

**Caltrans District 8, Route 10 Rehabilitation, Coachella, CA**

*Resident Engineer.* This project consisted of construction of individual slab replacement, cold plane and pave HMA shoulder, remove and reconstruct existing shoulder, Jointed Plane Concrete Pavement, Ramp Termini and remove and replace AC dike. Duties included Contract Administration, Inspection staff supervision, reviewing and responding to Submittals and RFI's, negotiating and writing Change Orders, maintaining Project Budget and Schedule, producing Monthly Progress Estimate. Project Cost: \$3.9 Million.

**Caltrans District 8, Route 111 Rehabilitation Project, Riverside County, CA**

*Resident Engineer.* This project consisted of Cold in-place Recycling and Cold Plane and Pave with HMA (Type C). Duties included Contract Administration, directing inspection staff, reviewing and responding to Submittals and RFI's, negotiating and writing Change Orders, maintaining Project Budget and Schedule, producing Monthly Progress Estimate, Project Cost: \$1.1 Million.

**Caltrans District 8, San Bernardino County, CA**

*Caltrans Inspector* on various improvement, rehabilitation and emergency projects throughout Riverside and San Bernardino Counties on I-10, I-15, State Routes 38, 330, 18, and 60.

**Caltrans District 7, Los Angeles, CA**

*Caltrans Assistant Project Manager* for various Caltrans District 7 improvement, rehabilitation and emergency projects on State Routes 710, 405 and Schuyler Heim Bridge.

**South Jersey Transportation Authority, Atlantic City Airport Runway Design, Pomona, NJ**

*Assistant Project Engineer.* Responsible for runway design and capacity calculations services.





## NICOLE SALEM

### Office Engineer / Labor Compliance

#### EDUCATION

MBA, Business  
Administration  
University of Phoenix  
BA, Public Relations:  
Communications,  
California State  
University, Fullerton

#### YEARS OF EXPERIENCE

14 Years

Nicole Salem has 14 years of experience in the construction and engineering industries, with expertise in contract administration, labor relations and general administration relating to office engineer work. Working extensively with Caltrans, Nicole has been responsible for office engineering, labor compliance and public outreach. She is skilled in project and document control and has maintained records per the Caltrans 63 Filing Categories. She is responsible for scheduling, coordinating, facilitating and documenting various meetings with stakeholders, public officials, contractors and affected third party or businesses, utility companies and local agencies.

As an Office Engineer, she coordinates work activities through the resident engineer, inspectors, contractors and suppliers to confirm minimal contract disruption and impacts of contract compliance work. Nicole also assists with the processing of change orders and is cognizant of details to avoid potential audits. Her well-organized filing and documentation contribute to a streamlined project closeout.

As a Labor Compliance Officer, Nicole analyzed certified payrolls and fringe benefit statements, conducted contractor audits, conducted employee interviews to verify prevailing wages. Nicole evaluated adherence to applicable provisions of state labor laws; met with employers, employees and their representatives to explain labor code sections; and verified required wage adjustments were made. **Nicole researches, analyzes and interprets laws and regulations on behalf of resident engineers or contractors, enabling them to address contractual questions and issues in relation to labor compliance and equal employment opportunity requirements. Nicole also enforces the new laws of SB854 and DIR monitoring. Nicole communicates effectively with agencies, unions or the Center for Contract Compliance regarding Public Record Request.**

#### RELEVANT EXPERIENCE

##### County of Los Angeles Department of Public Works, As-Needed Labor Compliance Consultant Services, Los Angeles, CA

*Labor Compliance Officer.* Nicole analyzed certified payrolls and fringe benefit statements, conducted audits on contractors and interviewed employees to verify prevailing wages. Nicole evaluated adherence to applicable provisions of state labor laws; met with employers, employees and their representatives to explain labor code sections; and verified required wage adjustments were made. She researches, analyzes and interprets laws and regulations on behalf of resident engineers or contractors, enabling them to address contractual questions and issues in relation to labor compliance and equal employment opportunity requirements. She has experience with all types of funding, including Prop 84, CDBG, ARRA, State and more. Nicole also enforces the new laws of SB854 and DIR monitoring. Nicole has extensive experience working with LCP Tracker software. She was also in charge of writing source document review manual for Caltrans. *Project Cost: Various.*





Nicole Salem

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### **City of Carson, SR-405 / Wilmington Avenue Interchange Modification, Carson, CA**

*Office Engineer / Labor Compliance.* Nicole is responsible for project documentation including processing RFIs, CCOs, correspondence and pay estimates. Nicole also attends progress meetings and produces meeting minutes. Her main task is to confirm complete, accurate and timely contract records, pertaining to construction progress, job expenditures and budget programs in accordance with State and Federal regulations and laws. The Caltrans filing methodology of 63 categories is followed on this project. Nicole also monitors labor compliance on the project, tracking federal reimbursement due to apprentice usage, and assists the Resident Engineer in preparing Contract Change Orders or necessary data for the purpose of making alterations, deviations, additions or deletions from the Contract Plans and Specifications. She prepares and updates spreadsheets to track CCO balances. *Project Cost: \$23 million.*

### **Caltrans District 8, SR-215 / Barton Road Bridge Replacement, San Bernardino, CA**

*Office Engineer* responsible for maintaining the Caltrans 63 categories filing system. She also collects and reviews extra work bills for payment and processing. Other duties include tracking and logging all Submittals, RFIs, Survey Requests and Material Testing logs for the project. She is also responsible for inputting closures into the Lane Closure System. Nicole assists the Resident Engineer with preparing and processing Contract Change Orders. Nicole also makes sure all inspector dailies and Weekly Status Sheets are sent to the Labor Compliance Department. She also tracks COZEOP for the project and ensures all tickets are sent to the appropriate Department. *Project Cost: \$47.4 Million.*

### **Riverside County Transportation Department, Clinton Keith Road Interchange, Wildomar, CA**

*Office Engineer/Labor Compliance.* Nicole provided construction management and constructability review services to the Riverside County Transportation Department (RCTD) for improvements to the Clinton Keith Road interchange with Interstate 15. Nicole served as the Office Engineer on the project. The project involved widening both Clinton Keith Road and Interstate 15 at the busy interchange. Nicole maintained the project files for the project, keeping them in accordance with the Caltrans 63 Categories. She maintained submittal, RFI and material testing logs for the project. She attended weekly meetings and distributed minutes accordingly. *Project Cost: \$18.6 Million.*

### **Riverside County Transportation Department, Clay Street Grade Separation, Jurupa Hills, Carson, CA**

*Office Engineer / Labor Compliance Officer.* Nicole was the Office Engineer and Labor Compliance Officer for the Clay Street Grade Separation project. Her duties included notifying contractors of outstanding items, distributing meeting minutes, maintaining project files and categorizing documents appropriately. She also scheduled material testing and surveying requests, maintained logs for submittals, correspondence, RFIs, surveys, CCOs and material testing. Other duties included reviewing extra work bills for payment, finalizing CCOs and confirming the contractor was abiding by State and Federal prevailing wage laws. Nicole was responsible for the estimate being checked and processed for payment monthly as well. *Project Cost: \$17 Million.*

### **Caltrans District 7, I-5 / Rosecrans Bridge Replacement, Santa Fe Springs, CA**

*Labor Compliance Officer / Office Engineer* for the Caltrans I-5 at Rosecrans project and several other projects for District 7. Nicole assists the Resident Engineer with preparing and processing Contract Change Orders. Nicole also collects and verifies quantity sheets each month to process the Pay Estimate. Estimate Summary Sheets are also produced and filed. She used CAMS, an electronic estimate program to process projects estimates. Nicole also verifies that prevailing wages are being paid on the job. Employee Interviews at the jobsite are also conducted. She completes Weekly Status and submits them along with diaries to Labor Compliance. She also coordinates Survey Requests and Material Testing Requests. Nicole also monitors SWPPP, DBE and EEO reporting. Nicole assists in the Monthly Caltrans Reporting Reports. *Project Cost: \$17 Million.*