

# REQUEST FOR PROPOSAL

## CONSTRUCTION MANAGEMENT AND INSPECTION SERVICES FOR THE MURRIETA HOT SPRINGS ROAD WIDENING PROJECT CIP NO. 8079

for:

City of Murrieta  
Engineering Department  
Attn: James Ozouf, PE, Senior Civil Engineer  
1 Town Square  
Murrieta, CA 92562



**December 5, 2024  
4:00 PM**

Prepared by:



2305 Chicago Avenue  
Riverside, California 92507  
( 9 5 1 ) 6 8 0 - 0 4 4 0

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**Prepared for:**

City of Murrieta

1 Town Square  
Murrieta, CA 92562

**Contact:** James Ozouf, P.E.  
Senior Civil Engineer

**Phone:** (951) 461-6429

**Email:** [jozouf@murrietaca.gov](mailto:jozouf@murrietaca.gov)

**Prepared by:**

TKE Engineering, Inc.

2305 Chicago Avenue  
Riverside, CA 92507

**Contact:** Terry Renner, P.E., P.L.S., Q.S.D.  
Senior Vice President

**Phone:** (951) 680-0440

**E-mail:** [trenner@tkeengineering.com](mailto:trenner@tkeengineering.com)



December 5, 2024

James Ozouf, P.E.  
**City of Murrieta**  
1 Town Square  
Murrieta, CA 92562

**Subject: Request for Proposal for Construction Management and Inspection Services for the Murrieta Hot Springs Road Widening Project CIP No. 8079**

Dear Mr. Ozouf:

Thank you for the opportunity to present this material outlining TKE Engineering, Inc. (TKE's) qualifications. Enclosed herein are our qualifications to provide Construction Management and Inspection Services to the City of Murrieta (City). TKE is a full service, multi-disciplinary consulting corporation located at 2305 Chicago Avenue, Riverside, California 92507. Mr. Terry Renner will be the construction manager and contact person during the period of proposal evaluation, and he can be reached by phone at (951) 680-0440 or by email at [trenner@tkeengineering.com](mailto:trenner@tkeengineering.com). We are highly qualified to perform the services necessary for project delivery and are enthusiastic about the opportunity to further assist the City in bettering its infrastructure.

Why should the City choose TKE to provide consulting inspection services? Please consider the following:

**1. Experience and Qualifications** – TKE is a full-service, multi-disciplinary firm with a wide range of construction management and inspection related experience in public works inspection of street, sewer, water, drainage and pavement rehabilitation improvement projects for local and grant funded projects. TKE's broad range of successful construction management and inspection services for our diverse array of public projects, ensures TKE's broad range of government experience will benefit the City through our intimate understanding of the common pitfalls for each project variation and our past history of successfully overcoming these challenges. TKE is also familiar with working on projects with multicrew construction projects with day and night time working requirements.

TKE has provided construction management and inspection services to numerous City's throughout Southern California over the past 24 years and are familiar with various City Caltrans, Greenbook and County requirements and projects.

**2. Team Leadership** – The City will benefit greatly by continuing the vision, leadership, and dedication to community exhibited by TKE's project team. TKE's numerous accomplishments and management skills will help maintain continuity in the delivery of the construction management and inspection services. In particular, Terry Renner, TKE's Senior Vice President and Construction Manager will be the client's representative, and primary contact. Mr. Renner is a registered civil engineer and licensed land surveyor, and his experience extends from project planning to design and continues through bidding and construction. His excellent communication and management skills will provide a great benefit to the City. In particular, his experience with "cutting edge" creative engineering techniques focused on cost control, will ensure that projects provide the maximum value for the public's investment. Some of Mr. Renner's key strengths are communication, organization and issue resolution. His effective communication skills ensure that all stakeholders are constantly advised of project progress. He implements a proactive organizational program to effectively manage the Team's schedule, documents action items with required follow-up and conducts continuous budget and schedule reviews to anticipate needs for future action items. Lastly, Mr. Renner's 'can do' approach to all project issues always results in resolution. His perseverance and vast knowledge and experience of issues will resolve challenges while protecting City interests. The City will find that Mr. Renner's and TKE's team approach provides the best working partnership to meet the City's engineering needs.

**3. Our Commitment** – TKE is committed to providing high quality, efficient services to meet all of the City's needs and exceed client expectations. Prior to beginning any services, TKE will meet to discuss project requirements and scheduling needs. Our Construction Managers and Inspectors will be in contact with City staff on a daily basis to ensure that the project is progressing on schedule and within the allocated budget. It is this personal touch and contact that define our "local service" approach.



We consider ourselves community builders and take ownership of projects assigned to TKE, ensuring that our personnel will be allocated on an as needed basis.

Our broad array of services and team provide the City a trusted consultant to turn to for any of your projects. We pride ourselves in the management and completion of special, atypical projects and thrive on challenging budgets and deadlines. It is this commitment to service and diverse array of offerings that makes us unique and drives our long-standing relationship with our client base and it is these qualities that make us “the right fit” for the City of Murrieta.

**4. Our Value** – TKE’s management team and staff are fundamentally committed to creating value in each task that we perform. As such, we have created a professional culture wherein each member of our staff constantly strives for increased efficiency, ultimately allowing us to provide highly professional services at competitive rates. Our culture of constant value creation and increased efficiencies ensures that the services contracted to and provided by TKE will always mean good stewardship of public resources.

**5. Contact Person** – Terry Renner, P.E., P.L.S., Q.S.D., TKE’s Senior Vice President, will be the contact person during the proposal evaluation period. Mr. Renner works from TKE’s only office location located at 2305 Chicago Avenue, Riverside, California 92507 and can be reached by phone at (951) 680-0440 or by email at [trenner@tkeengineering.com](mailto:trenner@tkeengineering.com).

**6. Validity** – Both the main RFQ submittal and separate cost file shall remain valid for a period of not less than 90 days.

**7. Addenda** – TKE acknowledges that no addendums have been issued as of 12/05/2024.

Thank you for your consideration. TKE acknowledges and accepts all of the general terms and conditions presented in the RFP without any exception. TKE has read and understands the RFP in its entirety, including, without limitation, the scope and nature of the work, as well as the associated attachments and addenda. TKE would very much appreciate the opportunity to interview with the City and introduce our team in person to City staff. Terry Renner is authorized to negotiate and execute an Agreement with the City on behalf of TKE. If you have any questions, please call Mr. Renner at our office at (951) 680-0440 or email him at [trenner@tkeengineering.com](mailto:trenner@tkeengineering.com).

Sincerely,



Terry Renner, P.E., P.L.S., Q.S.D.  
Senior Vice President  
TKE Engineering, Inc.



## TKE Engineering, Inc. | AT A GLANCE

**City/District Inspection**

TKE provides On-Call Construction Management and Inspection for 15 Cities/Districts

**Department of Industrial Relations**

TKE and its subconsultants are registered with the Department of Industrial Relations  
TKE DIR Number 1000413173

**Construction Management Contracts**

TKE has provided construction management and inspection on more than \$600 Million in projects over the past 24 years. Including more than \$300 Million in Grant funded projects.

**Size of Organization**

65 Professional Construction Managers, Inspectors, Surveyors, Engineers, Project Managers, Plan Checkers, Designers, and Support Staff

**Location of Office**

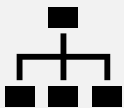
TKE Engineering, Inc.  
2305 Chicago Avenue  
Riverside, CA 92507

**Years in Business**

TKE was founded in 2000 and has 24 years of experience in providing construction management support services for public clients.

**Company Structure**

TKE is a California Corporation founded in June 2000. TKE is not a subsidiary. California Business License Number: 00109901

**Firm Owners**

Michael P. Thornton, P.E., P.L.S., M.S.  
*President*  
Terry Renner, P.E., P.L.S., Q.S.D.  
*Senior Vice President*  
Steven W. Ledbetter, P.E., Q.S.D.  
*Vice President*

**City of Murrieta  
Point of Contact**

Terry Renner, P.E., P.L.S., Q.S.D.  
Senior Vice President  
2305 Chicago Avenue  
Riverside, CA 92507  
Phone: (951) 680-0440  
Email: [trenner@tkeengineering.com](mailto:trenner@tkeengineering.com)

## SECTION 2 | SPECIALIZED EXPERIENCE

## A . COMPANY OVERVIEW

TKE Engineering, Inc. (TKE), a California Corporation, was established in June 2000, and in the last 24 years has developed into one of Southern California's premier full-service consulting municipal engineering firms. TKE provides construction management and inspection services to municipal clients exclusively, and has extensive history with public works projects. TKE was founded with the goal of providing turnkey services for municipal agencies in order to benefit our local communities. As a result of the focus of a firm on this mission, TKE has earned a reputation for thoroughness, rapid turnaround, cost efficiency and, overall quality of work. We are a highly motivated, dynamic firm that prioritizes the demonstration of our strong qualifications for becoming a preferred consultant for all City services we offer.

TKE employs a highly qualified team of professionals to provide construction management and construction inspection services for the Murrieta Hot Springs Road Project. Regarding public service, we share a common goal with the City to deliver responsive and caring service to our local communities, clients, and colleagues alike. Our reputation for delivering quality work is rooted in our team's uncompromised integrity on every project. Demonstrating consistent transparency and taking accountability for our actions continues to solidify our working relationships among our staff, as well, as with our clients. Our history of providing construction management and inspection services for surrounding local cities; including Wildomar, Lake Elsinore, Menifee, and Perris, has prepared us to implement an enhanced approach toward maintaining continuity and communication with heightened standards for this contract.

TKE provides turnkey municipal construction management for capital improvement projects to numerous municipalities throughout Riverside, San Bernardino, Los Angeles, and Orange Counties. The municipal services provided by our firm include Construction Management, and Construction Inspection, Civil Engineering and Design Services, Plan and Map Checking, Traffic Engineering, Surveying and Project Management services, as well as Quality Assurance/Quality Control. Our broad range of services provides our team with an intimate knowledge and experience of the common pitfalls for each project variation and our team will ensure the Murrieta Hot Springs Road project does not fall into the same situations.

TKE routinely assists cities with inspection of their capital improvement and projects for street widening, regional corridors, street rehabilitation program for arterial highways, collectors, and residential streets; intersection and traffic signal improvements; miscellaneous sidewalk and concrete replacements for Americans with Disabilities Act (ADA)

improvements; installation of traffic signals; construction of park improvements; bridge maintenance and repairs, and rehabilitation of City-owned facilities .

**COMMON GOALS:**  
*TKE's Team Leadership is eager to help the City achieve its goal in smoothly guiding stewardship of resources to its people, and further cultivating a vision for Murrieta's future toward advancement.*

## B. FIRM QUALIFICATIONS

TKE proudly serves municipal agencies the following similar services on a routine basis which will be required for the upcoming street improvement project:

### CONSTRUCTION MANAGEMENT

TKE has managed publicly funded construction projects throughout our history. The breadth of experience and technical skill of our staff enable us to manage a wide variety of projects, ranging from major infrastructure to the restoration and rehabilitation of significant historical structures. TKE has routinely performed administration of the contract (general contract administration and oversight of project), provided Resident Engineering services pursuant to Caltrans/Federal requirements, constructability reviews on project documents, managed preconstruction and weekly progress meetings, coordinated with contractors, including multiple contractors simultaneously, coordinated with design engineers for design changes and corrections, coordinated with the project inspector, reviewed and responded to RFI's, reviewed weekly statement of working days, reviewed quantities for monthly progress payments, reviewed extra work tickets and assessed them for justification within the contract requirements, process control documents, submittals, change orders, and work change directives, prepared and performed contract change orders and negotiations, coordinated with residents and businesses throughout construction process, performed public outreach, represented City's with other agencies at numerous meetings, represented engineering with the City's council and other public meetings, managed engineering budgets and project schedules, documented environmental compliance, prepared and acquired right-of-way, coordinated utility relocations, acquired and managed permits from numerous agencies, including Caltrans, South Coast AQMD, BNSF, UP, Riverside County Flood Control & Water Conservation District, U.S Army Corps of Engineers, California Department of Fish and Wildlife, Regional Water Quality Control Board and many others, managed numerous funding programs through Caltrans Local Assistance and various other State and Federal funding agencies.

TKE has extensive experience with providing construction management services on all types of public works projects. We are extremely familiar with the Greenbook, requirements of plans and specifications, and California public contract code in relation to construction projects and various related work. We ensure that all work is completed in accordance with funding contract specifications, terms, conditions, state and federal laws and regulations, and client policy. Our construction management portfolio includes:

- △ Street Widening Projects
- △ Sidewalk Repair and ADA Compliance Projects
- △ Utility Relocation/Adjustments
- △ Conventional and Rubberized Pavement Rehabilitation Projects
- △ Conventional and Rubberized Pavement Coating Project
- △ PCC Paving Projects
- △ Traffic Signal and Striping Projects
- △ Signing and Striping
- △ Amphitheaters
- △ Public Facilities
- △ Restrooms
- △ Maintenance Facilities
- △ Treatment Plants
- △ Bus Transfer Stations
- △ Parking Lot Projects
- △ Parks and Other Public Facilities
- △ Grading and Retaining Walls
- △ Storm Drains and Channels
- △ Retention and Detention Basins
- △ Site Improvement Projects
- △ Major Infrastructure Projects
- △ Reconstruction and Rehabilitation

TKE's construction management services are enhanced by integration with our knowledge and background of civil engineering, traffic engineering and surveying to facilitate and ensure all construction projects managed by TKE will operate safely and efficiently.

### CONSTRUCTION INSPECTION

TKE provides experienced, highly qualified staff with significant technical expertise and strong public relations skills for inspection services. All of TKE's inspectors have a background within design and construction, enabling TKE to provide well-rounded inspectors capable of understanding the requirements to construct a project and who are capable of identifying potential change orders and design deficiencies before they occur. TKE is fully capable of providing staff on a full-time, part-time, on-call or interim project basis. Please refer to our project



team, together with our corporate resumes to verify our team's technical ability to deliver these services.

TKE has provided similar services to those requested here for a number of different agencies. TKE understands that each jurisdiction has its own development and capital improvement standards that were developed to meet the needs of that particular community. TKE has a thorough understanding of these standards together with the needs of the community needs. For each project that TKE is assigned, TKE will verify compliance with all applicable standards. Furthermore, with our extensive experience in other jurisdictions, TKE will be able to recommend improvements to these standards to ensure expedited project delivery and enhanced public infrastructure. Our inspection portfolio includes:

- △ Daily review and documentation of construction activities (daily reports and digital photo of significant issues and milestones)
- △ Monitor Contractor's daily labor force for compliance with state & federal labor laws.
- △ Field verification of traffic control procedures and consistency with approved Traffic Control Plan
- △ Coordinate with agencies and different stakeholders to ensure smooth progress of construction activities
- △ Monitor project schedule
- △ Verify quantities and assuring quality control
- △ Field observations of construction activities
- △ Maintain complete and accurate project records compliant with Caltrans manual
- △ Review and recommend approval/disapproval of monthly progress pay estimates
- △ Verify NPDES and SWPPP compliance
- △ Prepare weekly statement of working days
- △ Review RFI's, change orders and progress payments
- △ Coordinate punch list and as-built plans
- △ Ensure that materials and completed work comply with plans specifications and design criteria
- △ Implement security procedures
- △ Issue notices for safety concerns and violations
- △ Coordinate with survey, material testing and other construction consultants
- △ Review and ensure compliance with control documents, submittals, RFI's, change orders, and work change directives
- △ Compliance with Caltrans encroachment permit requirements, if required
- △ Preparation of punch list
- △ Coordinate project closeouts activities which include staff report, Notice of Completion, release

of retention, warranty walk, and archiving documents.

## CIVIL ENGINEERING

TKE regularly provides design services on a wide variety of public works improvement projects. TKE's Civil Engineering projects have included:

- △ Parks
- △ Public Facilities
- △ Pavement Rehabilitation
- △ Pavement Management Systems
- △ Local Streets and Road Design
- △ Street Widening
- △ Storm Drainage Infrastructure Planning and Design
- △ Retention / Detention Basins
- △ Parking Lots
- △ Storm Drain and Channels
- △ Floodplain Analysis and Mapping
- △ Traffic Signal Design
- △ Traffic Studies and Warrant Analysis
- △ Traffic Impact Studies
- △ Grading Studies, Design and Earthwork Analysis
- △ Capital Improvement Programs (CIPs)
- △ Neighborhood Improvement Preservation
- △ Hydrologic Studies / Hydraulic Design
- △ Storm Water Pollution Prevention Plans (SWPPP)
- △ Sediment and Erosion Control Facilities
- △ Hydromodification Studies / Water Quality Management Plans (WQMPs)



## C . PROJECT EXPERIENCE

## SIERRA AVENUE WIDENING PROJECT

City of Fontana, CA



**Client Contact:** Phillip Burum | Deputy City Manager

**Phone Number:** (909) 350-6727

**Email:** pburum@fontana.org

**Project Cost:** \$11.3M

**Completion Date:** Current

**RELEVANCE TO MURRIETA**

- Project/Construction Management
- Major Arterial Roadway Widening
- Traffic Signal Modification/Design
- Right-of-Way Acquisition
- Various Pavement Strategies
- Extensive Utility Coordination and Relocations
- Community Outreach Efforts

**DESCRIPTION**

The Sierra Avenue widening improvements project is located in the City of Fontana north of Interstate 10 Freeway between Foothill Boulevard and Baseline Road. The project is approximately 1 mile of widening for the City's primary north-south arterial street widening the roadway from 4 lanes to 6 lanes. The project includes street widening, raised landscape median, new sewer main installation, traffic signal installation and modifications, traffic signal interconnect and fiber optic cable installation, and extensive utility coordination for water main replacement, Rule 20A and Rule 20B undergrounding work. The project also includes right-of-way acquisition for 76 parcels, traffic analysis, review of construction plans, coordination with project design consultants, construction management and construction staking services. TKE represents the City with other agencies, represented engineering with the City's management personnel and other meetings, managed engineering budgets and project schedules.

**SERVICES**

Services include design, topographic survey, right-of-way engineering and acquisition, roadway safety analysis, preparation of exhibits, cost estimates, utility coordination, construction management, and construction staking.

**KEY STAFF**

Michael P. Thornton, P.E., L.S., Terry Renner, P.E., L.S., Q.S.D., Ron Musser, L.S., Monae Pugh

## PALOMAR/CLINTON KEITH SIDEWALK, TRAIL, AND BIKE LANE CONNECTIVITY PROJECT

City of Wildomar, CA



**Client Contact:** Jason Farag

**Phone Number:** (951) 677-7751

**Project Cost:** \$1.5M

**Email:** jfarag@cityofwildomar.org

**Completion Date:** March 2022

**RELEVANCE TO MURRIETA**

- Street/Pedestrian Design
- Grant Funding Coordination
- Utility Relocation/Coordination
- Design Topographic Surveying
- Right-of-Way Engineering

**DESCRIPTION**

This grant funded project is located along Palomar Street from Clinton Keith Road to Meadow Ridge Lane and along Clinton Keith Road in the City of Wildomar. The project included approximately one mile of sidewalk connectivity, ultimate street widening, storm drain, striping, and private property restoration that required full depth removal and placement of AC pavement; removal and reconstruction of concrete curbs and gutters, ADA ramps, cross-gutters, sidewalks; construction of concrete sidewalks, curbs and gutters, cross-gutters, ADA ramps, and driveway approaches; construction of CMU retaining wall and significant regrading along hillsides; construction of a multipurpose DG Trail; construction of catch basins, rock bioswales, headwalls, and storm drains; installation of a new pedestrian push button system and curb ramp; relocation of miscellaneous utilities; raising of various utility manholes/valves and installation of traffic signing, striping and loop detectors.

**SERVICES**

Services included preliminary engineering, design, topographic survey, right-of-way engineering and acquisition assistance, flood control permitting, traffic signal modification, ADA accessibility, Storm Water Pollution Protection, striping redesign, utility relocation and coordination, coordination with property owners, bidding assistance, and construction assistance.

**KEY STAFF**

Terry Renner, P.E., L.S., Q.S.D., Chance Renner, Ron Musser, L.S., Brett Enscoe





## CV SYNC – PHASE I & II

*Coachella Valley Association of Governments (CVAG), Coachella Valley, CA*



**Client Contact:** Eric Cowle | Program Manager  
**Phone Number:** (760)346-1127  
**Email:** ecowle@cvag.org  
**Project Cost:** \$109M  
**Completion Date:** Current

### RELEVANCE TO MURRIETA

- Public Works Construction Management Inspection Project
- Traffic Signal, Synchronization and Special Inspections
- Electrical Inspections
- State and Federal Grant Management

### DESCRIPTION

This project located in the Coachella Valley consists of upgrading the local agencies existing legacy (outdated) traffic signal controllers, traffic management systems, and communication systems with the latest off-the-shelf technologies in order to provide inter-agency traffic signal synchronization along three regional roadways including Highway 111, Ramon Road and Washington Street. The project improvements include advanced traffic management systems (ATMS), advanced transportation controllers (ATC), selected Intelligent Transportation System (ITS) elements, ITS sub-systems, and Ethernet/IP-based communications that will be expandable and scalable for future integration of ITS technologies and strategies, such as Integrated Corridor Management (ICM), Smart Cities, and Connected and Autonomous Vehicles. This project includes a Regional Traffic Management Center (RTMC) and local Traffic Operation Centers (TOC) that will have the capability to monitor, control of connected traffic signals, and be used as a monitoring tool for research and analysis to help determine regional system enhancements, operations, and maintenance.

### SERVICES

Services included bid administration and pre-construction assistance, grant funding administration, construction management, inspection, and project closeout services

### KEY STAFF

Terry Renner, P.E., L.S., Q.S.D., Justin Schlaefli, P.E., T.E., P.T.O.E., Stephen Biscotti, Michael Counce

## COUNTY LINE ROAD TRANSPORTATION CORRIDOR (LPP)

*City of Calimesa, CA*



**Client Contact:** Will Kolbow | City Manager  
**Phone Number:** (909) 795-9801  
**Email:** wkolbow@cityofcalimesa.com  
**Project Cost:** \$10.1 Million (\$3.7 Million Grant)  
**Completion Date:** Current

### RELEVANCE TO MURRIETA

- LPP State Grant Management
- Roundabouts Design
- Right-of-Way Acquisition
- Extensive Utility Relocations
- Major Arterial Reconstruction
- Various Pavement Strategies
- Extensive Utility Coordination and Permitting
- Community Outreach Efforts

### Description

TKE prepared and obtained a grant for the City of Calimesa through the Road Repair and Accountability Act of 2017 (SB1) Local Partnership Program (LPP). TKE is preparing street widening and roundabout improvements for the construction of the County Line Road Transportation Corridor. The Project includes four (4) single-lane and one (1) multi-lane roundabouts, together with street, pedestrian, and bicycle improvements, to improve safety and efficiency throughout the corridor. The innovative approach to implement roundabout intersection throughout the corridor provides adequate capacity and level of service to remain a two-lane street; thus, significantly reducing right-of-way and construction costs to construct a four-lane corridor.

### Services

Services include grant coordination and management, design, topographic survey, right-of-way engineering, environmental assistance, roadway safety analysis, preparation of exhibits, cost estimates, coordination with California Transportation Commission, construction management, inspection, and construction staking.

### Key Staff

Michael P. Thornton, P.E., L.S., Terry Renner, P.E., P.L.S., Q.S.D., Steven Ledbetter, P.E., Q.S.D., Octavio Parada, Ron Musser, L.S., Monae Pugh, Justin Schlaefli, P.E., T.E., P.T.O.E. Jeff Lantosh, CPIL, Brian McDuffie

## CITYWIDE PAVEMENT REHABILITATION PROGRAM (ARTERIALS) FY 2021/2022

*City of Moreno Valley, CA*



**Client Contact:** Eddie Godinez  
**Phone Number:** (951) 218-8646  
**Email:** eddieg@moval.org  
**Project Cost:** \$18M  
**Completion Date:** November 2023

### RELEVANCE TO MURRIETA

- Various Pavement Rehabilitation Strategies
- Arterial Roadway Construction and Traffic Control
- Permitting and Private Residents and Business Coordination

### DESCRIPTION

The Citywide Pavement Rehabilitation Program for FY 2021/22 Project included rehabilitation for 20 miles along various streets throughout the City of Moreno Valley. TKE provided daily inspection and monitoring to ensure construction of the project was in accordance with the approved plans and specifications. The project included pavement crack sealing, grinding and isolated removal areas along with construction of street widening with asphalt rubberized hot mix overlay over conventional hot mix asphalt base paving, pavement replacement, rubberized asphalt concrete overlay, slurry seal and asphalt concrete curb installation. TKE provided preparation of daily field reports and photo logs and provided reports to the City Staff on weekly basis.

### SERVICES

Services included review and monitoring of Contractor's daily traffic control, storm water pollution prevention measures and safety procedures, daily oversight and inspection, report preparation, photo log preparation and verification of quantities for payment requests.

### KEY STAFF

*Terry Renner, P.E., L.S., Q.S.D., Bob Doss, P.E., Nelson Blackwell, C.P.I.I., Brad Escoe, Naeem Dullo*

## ZONE 3 IMPROVEMENT PROJECT

*City of El Monte, CA*



**Client Contact:** Lee Torres  
**Phone Number:** (626) 258-8833  
**Email:** ltorres@elmonteca.gov  
**Project Cost:** \$5.2M  
**Completion Date:** November 2024

### RELEVANCE TO MURRIETA

- Project/Construction Management
- Construction Inspection
- Street Improvement Project
- Survey
- Community Outreach Efforts

### DESCRIPTION

The City of El Monte is requiring treatments to the set of streets in zone three to increase the pavement quality to the full width of the street. The TKE Team is providing a constructability review of the design plans, specifications and cost estimate (PS&E); overseeing construction coordination meetings with the contractor and stakeholders; community outreach in multi-language, project updates, responding to inquiries and concerns through the duration of the project, tracking and processing requests for information, coordinating materials submittals; conducting material/geotechnical testing, providing construction inspection and reporting; schedule tracking; reviewing and recommending approval of contractor payment requests; reviewing, negotiating, and recommending approval of contract change orders; coordinating with utilities and other agencies; assuring contractor labor compliance; and records management.

### SERVICES

Services include constructability review, construction coordination, construction management, construction inspection and reporting, public outreach, labor compliance, survey, construction phasing, and traffic signing and striping inspection

### KEY STAFF

*Terry Renner, P.E., P.L.S., Q.S.D., Brad Enscoe, Nelson Blackwell, C.P.I.I., Naeem Dullo, Marvin Lara, E.I.T., Brian Wolfe, P.E.*



## SECTION 3 | PROJECT APPROACH/WORK PLAN

### A. PROJECT APPROACH

Successful project delivery is our goal. Our definition of successful project delivery is:

- Project completion that meets all project requirements and specifications
- Project completion within budget
- Project completion on schedule

Our approach to the Murrieta Hot Springs Project, recognizing that both cost effectiveness and expedited construction are of primary concern, dictates that very close working partnership between the selected consultant and the City is vital to successful project completion. When this is coupled with the various site constraints, it is critical that the City choose a consultant team with a proven track record of delivering construction management and inspection projects. With a familiar team of senior level design and construction professionals, TKE is the right choice for this project.

As mentioned above, our experience tells us that there must be a proactive approach to completing the work in order to complete cost effective fully functioning public works project. This approach includes early identification of critical elements, and development of project schedule and tasks.

Critical elements for construction administration projects include funding source compliance, Utility Coordination, QA/QC, dispute resolution, public relations, permitting/environmental compliance, and compliance with plans, specifications and standards, and site safety.

The most important key to every public works project is management. TKE, working closely with City staff, will ensure that the project is managed properly to expedited project delivery. Project construction will generate a series of considerations requiring City responses. Our close working partnership will lead to the proper decisions and ultimately, fully operating, cost effective public works improvements.

TKE also understands the limits on the City's budget, particularly funding. Because of the limited budget for City projects, it is vital to keep costs controlled. Our approach to controlling costs is to utilize our considerable experience with Construction Management and our unique knowledge of the City to assist in providing compliance with the contract documents, cost and dispute resolution.

Below are key elements of our commitment to service:

### STRICT CONSTRUCTION COMPLIANCE

In order to ensure cost controls and maintain project budgets, it is imperative that the City employ an experienced Inspection team. Our construction inspection team has consistently delivered projects on-time and within budget by maintaining an active dialogue and hands on approach with the project contractor, while ensuring that all construction is consistent with the bid plans and specifications. We are familiar with applicable standards and specifications, including but not limited to the County of Riverside, the Local City, Greenbook, and Caltrans.

### PROJECT MANAGEMENT

Project management will be an essential element for project delivery. Effective communications will lead to effective management. Management will include weekly reviews of project budget and schedules and regular meetings with all project shareholders.

The most important aspect of management will be to ensure that the City's interests are protected to the maximum extent possible and project schedules are met. TKE will ensure that public funds are used for the benefit of the community. Any deviation from standards and requirements will be referred to the public works director for the responsible jurisdiction and TKE will implement direction given by City staff.

Project requirements, project schedule compliance and budget tracking will be important. Project requirements will be assessed by TKE staff and presented to the City's management staff. Upon receipt of direction from the City's staff, TKE staff will be responsible to verify that construction is completed in compliance with those project requirements. TKE's effective project management techniques will ensure that compliance will occur.

Maintaining the project schedule will be one of the most important tasks. Further, maintaining excellent communications will prevent any project processing misunderstandings and will avoid project delays. TKE's developed management techniques have resulted in efficient project delivery throughout our 24 year history.

### UTILITIES

Construction contract change orders are primarily attributable to utility relocation delays, inaccurate plotting of utility interferences or due to unknown utilities. TKE will actively coordinate with utility companies with affected facilities within the project area. We will ensure a project schedule is provided and adhered to, to help keep all parties aware of upcoming requirements.



## TRAFFIC CONTROL

Traffic impacts created by construction of the street improvements must be mitigated to the maximum extent practicable. When considering street widening, construction traffic control needs to be considered. Once the phasing is identified, traffic control design needs to be reviewed to ensure safe and convenient vehicular and pedestrian mobility during construction operations. We have extensive experience in construction traffic control plan preparation and plan review and we are intimately familiar with the WATCH, Caltrans, and MUTCD requirements. Our design will insure the project can be constructed with the least interference to daily traffic as possible.

## PUBLIC RELATIONS

TKE's Construction Manager and Inspectors are experienced with public relations associated with construction projects. TKE performs initial site visits to all potentially affected properties to discuss the upcoming project and any potential concerns the property owner and/or tenant may have. TKE identifies improvements that will benefit the property owners to help them understand the importance of project construction. Our approach builds a project coalition with the property owners and tenants which reduces public complaints at City Council meetings and provides a sense of ownership with the project. TKE's Inspector also performs routine visits during construction to check on the property owners concerns and to see if there are any issues that need to be mitigated.

## QUALITY ASSURANCE/QUALITY CONTROL

TKE takes pride in our reputation for thoroughness, rapid turnaround, cost efficiency and overall quality of work, and believes that a high level of quality is needed on all aspects of construction projects. High quality review and inspection yields the following tangible results:

- Ease of oversight
- Smoother processing
- Absence of design-related change orders
- Reduced claims and dispute resolution costs

TKE believes that the most successful quality assurance program is one that is applied inherently throughout the entire management and inspection process. This program requires not only formal procedures for inspection, but encourages the conscientious effort of experienced people to always "create quality" in every task performed. All of our management and inspection personnel are trained to

identify potential construction issues before they occur, thereby saving time and money on potential costly change orders.

This Quality Assurance/Quality Control program is in place to ensure that project construction exceeds the standards of our clients and that we will deliver the project on schedule and within budget.

## DISPUTE RESOLUTION

TKE's construction managers are highly skilled with and have provided dispute resolution on a number of past projects. The keys to avoiding potential costly and time-consuming disputes are knowledge, communication and organization. Our construction managers pride themselves on thorough research and review of the project plans and specifications and existing knowledge and understanding of Caltrans, Greenbook and other standard plans and specifications. Their effective communications skills ensure that all stakeholders are constantly advised of project progress and requirements. Their proactive organizational program effectively manages the construction schedule, documents action items with required follow-up and continuous schedule reviews and anticipate needs for future action items. Our project manager's 'can do' approach to all project issues nearly always results in resolution. They are non-combative with all project stakeholders, maintaining professional working relationships with each stakeholder regardless of conflict. Their perseverance and vast knowledge and experience of issues will resolve challenges while protecting City's and local jurisdictional agencies interests.

## B. PROJECT UNDERSTANDING

The proposed Murrieta Hot Springs Road Improvement Project is situated along Murrieta Hot Springs Road, extending between Margarita Road and Winchester Road, approximately 1.5 miles east of Interstate 215. The primary objective of this project is to widen the existing four-lane roadway to six lanes, enhancing traffic flow and safety. Key elements of the project include the installation of new traffic signals at the intersections of Murrieta Hot Springs Road with Calle Del Lago and Via Princesa. In addition, sidewalks and safety lighting will be constructed along both sides of the road, and water quality BMPs will be integrated into the parkway. The project will also feature landscaped and hardscaped raised medians to further improve the streetscape.

This roadway improvement will facilitate better traffic, pedestrian, and bicycle circulation between the western



and eastern parts of Murrieta, as well as provide improved connectivity to the City of Temecula.

The project will involve the construction of drilled soldier pile retaining wall systems on both sides of Murrieta Hot Springs Road, with some areas reaching a height of up to 15 feet. The total length of these retaining walls will be approximately 2,500 feet. Additionally, short planter walls will be added in locations where the soldier pile walls exceed a specific height.

The project also includes the realignment of the private street Via Frontera within the Ridgeway/Rhonda Association community. Via Frontera will be shifted approximately 6 feet north to accommodate the expanded roadway. This realignment will necessitate utility relocations, including adjustments to water, gas, electricity, lighting, and irrigation systems within the community.

All work will be performed in strict accordance with the 2015 edition of the "Standard Specifications for Public Works Construction" (Greenbook), the 2010 and 2018 California Department of Transportation (Caltrans) "Standard Specifications" for traffic signal-related improvements, and the project-specific special provisions and technical specifications.

## C . SCOPE OF SERVICES

### Construction Management Services

Construction management services will include the following tasks and subtasks:

#### Task No. 1 – Preconstruction Services

TKE will provide the following subtasks related to preconstruction services:

##### Task No. 1a – Quality Assurance/ Quality Control

TKE will provide plan check and constructability review services for the project. We will identify design deficiencies, permit requirements, utility relocations, any constructability issues and cost savings measures and will ensure that the projects will meet all budget requirements. We will also provide an outline of our dispute resolution procedures for the City to review.

Upon completion of our thorough project review, TKE will prepare a project schedule which will include utility and preconstruction relocations by others, notification timelines as noted on all permits, agreements, and contract documents. TKE's construction manager will then attend a meeting with the City Project Manager to discuss design features, our constructability review, and the project schedule. After our

meeting with the City, we will assist the contractor in obtaining any outstanding permits.

Deliverables: Contract Document Review Comments, Project Schedule, and Meeting Agenda

#### Task No. 1b - Preconstruction Meeting

Prior to the preconstruction meeting, TKE's Construction Manager and Inspector will review all project plans and specifications to have a complete understanding of the project requirements. During our review, we will identify any constructability issues that may cause project delays and/or unnecessary change orders.

A preconstruction conference will be held for the project. The conference will be attended by City staff, TKE's Construction Manager and Construction Inspector, the Contractor, representatives of potentially affected utilities and representatives of any other affected agencies. Prior to the conference, we will prepare a conference agenda. At the meeting, we will discuss communication protocol requirements, safety and health procedures, storm water controls, schedule requirements, procedures for contract submittals, contract administration, job-site access and delivery, and coordination with others. After the meeting, it will be documented with minutes.

Deliverables: Agenda, Minutes, and Distribution to All Entities

#### Task No. 1c – Records Management Review

TKE will coordinate with the City to establish and review electronic records management system. Files include:

- Contract Documents, Addenda, and Reports
- ?? ➤ All required local, other agencies and state records throughout the project duration and submit copies to the City's project manager, including labor compliance.
- Environmental Compliance Documents/ Agency Permits
- Material Submittals
- Contractor Correspondence (RFI's and RFC's)
- City Correspondence (Responses to RFI's and RFC's and other correspondence)
- ?? ➤ Certified Payroll Records
- ?? ➤ Change Orders
- ?? ➤ Weekly Statement of Working Days
- ?? ➤ Resident Engineers Report
- Project Schedule

?? These items wouldn't occur in the pre-construction phase and Inspection Services for the Murrieta Hot Springs Road



City of Murrieta



- ?? ➤ Dispute Resolution Outline
- ?? ➤ Progress Payments
  - Materials Testing Reports/Correspondence
- ?? ➤ Labor Compliance Interviews
- ?? ➤ Surveying Records
- ?? ➤ Inspection Field Reports/ Accident Reports
  - Photo Logs
  - Utility/Agency Correspondence
  - Public Correspondence
  - Operations and Maintenance Manuals
- ?? ➤ Project Closeout Records

Deliverables: E-File of Proposed Records for All of the Above.

### **Task No. 2 – Construction Management Services During Construction**

TKE will provide the following subtasks related to construction management services:

#### **Task No. 2a – Records Management**

TKE utilizes an electronic records management system. Files include:

- Contract Documents, Addenda, and Reports
- All required local, other agencies and state records throughout the project duration and submit copies to the City's project manager, including labor compliance.
- Environmental Compliance Documents/ Agency Permits
- Material Submittals
- Contractor Correspondence (RFI's and RFC's)
- City Correspondence (Responses to RFI's and RFC's and other correspondence)
- Certified Payroll Records
- Change Orders
- Weekly Statement of Working Days
- Resident Engineers Report
- Project Schedule
- Dispute Resolution Outline
- Progress Payments
- Materials Testing Reports/Correspondence

- Labor Compliance Interviews
- Surveying Records
- Inspection Field Reports/ Accident Reports
- Photo Logs
- Utility/Agency Correspondence
- Public Correspondence
- Operations and Maintenance Manuals
- Project Closeout Records

Deliverables: E-File of All of the Above.

#### **Task No. 2b – Material Submittal Review**

TKE will develop a list of all required material submittals and compare the list to the Contractors submittals. TKE will review all project submittals including traffic control plans. Each submittal shall be reviewed with City staff and design engineer as required to verify compliance. We will maintain a project log for each project and it will include descriptions of submittals, submittal status, date received, and date returned. Once the submittals have been reviewed and accepted, they will be signed, dated, and sent to the Construction Inspector, City staff, project Contractor and the file. Submittals will be returned within the time frame specified by the Contract Documents but not longer than two weeks.

In addition to submittals, TKE will review all vendor and lab reports and certifications and material test inspections and correlate all reports with respect to the plans and specifications. TKE will provide a log for reports and certifications and notify the City upon any irregularities.

Over the course of construction, TKE will utilize MDG Associates, Inc. (MDG) to perform labor compliance interviews and verification of labor compliance for the project with each payment request submitted. Should deficiencies be noted, corrective action will be requested from the contractors prior to payment release.

Deliverables: Submittals, Transmittals, and Logs

#### **Task No. 2c – Construction Meetings**

TKE will be in constant communication with City staff during the projects entirety to ensure that the project is running smoothly and in accordance with the City's expectations. TKE will hold regular meetings with City staff, Contractor and Inspector, meetings with utilities/agencies, and affected agencies. Each is discussed below:

City Meetings-TKE will meet with City staff as required to keep staff fully apprised as to construction progress and potential project issues. We will prepare agendas and minutes for each meeting.

**Contractor Meeting-**our Construction Manager will meet with the project contractor weekly. We will prepare agendas and minutes for each meeting. Meeting agenda will typically include background, old business, new business, scope, objectives, traffic control, construction phasing, project schedule, potential issues discussion, payment quantities discussion, and any safety deficiencies observed.

**Utilities/Agency Meetings-**as mentioned above, TKE will invite utilities and agencies to the preconstruction conference. During that meeting, all potential project impacts will be discussed with each. During construction, should issues develop needing further discussions with utilities/agencies, TKE will meet with each and develop remediation strategies. Again, all meetings will be documented with minutes.

**Public Meeting-**if required, TKE will coordinate with the City for public meetings to advise the public of pending construction and its impacts. Discussion may include alternative routes to be used to avoid delays and the project schedule.

In addition, the City will receive RFI's and RFC's (including written clarification requests and change-in-plan drawings) regarding the contract documents. TKE will provide any drawings, sketches and written responses in a timely manner to each with direction and will verify compliance with the Contract Documents. All RFI's and RFC's will be logged, including content of inquiry, date relayed and date of response. TKE will review all RFC's for any potential change in scope and notify the City if potential change orders may arise from the RFC.

**Deliverables:** Agendas, Minutes, RFI and RFC Responses

#### **Task No. 2d – Construction Management**

TKE is uniquely suited to respond to challenges that may occur during construction. Our first review of the project is during our QA/QC analysis. Our consistent communications with the construction inspector will also provide immediate remediation alternative development.

TKE will review the project schedule and construction progress prior to each Contractor meeting to verify compliance with the Contract Documents. In addition, we will prepare weekly statement of working days to be provided to the contractor at each weekly meeting. If the Contractor is failing to meet approved schedule contract obligations, TKE will request a remediation effort to return the project progress to comply with requirements. If the remediation plan requires adjustment to the completion date, TKE will advise the City and will not execute any approval of such change without City authorization.

Change conditions and time extensions that may warrant a change order will require a complete understanding of the impacts of the change of which TKE will need to consider in determining its resolution. TKE will seek appropriate comments from anyone impacted by the changed conditions and will

closely consult with the City to develop the most cost effective remediation alternative. Cost and scheduling impacts will be noted and presented to the City in accordance with the cities change order procedures prior to direction being given to the Contractor, including the preparation of Change Order drawings and specifications, if required.

To maintain cost controls, TKE will review project budgets on a weekly basis, or as warranted, by review of change orders, RFC's, and progress payments. In particular, quantities used on the project will be tracked to verify that they will not exceed contract budgeted amounts. Each month TKE will provide a budget report to the City. Should an increase in budget be required, TKE will assist Staff with staff report preparation.

Regarding RFC's, we will review any change order request received to determine if said request is warranted. If the change order request is not warranted, we will reject it in writing; prior to sending rejection letters to the Contractor, we will review it with City staff. If the change order request appears justified, we will review it with the Construction Inspector and compare it with field reports for confirmation of materials, equipment and/or labor involved; we will review same with City staff and receive City staff's approval prior to preparing and processing the contract change order. Change orders will be prepared on standard forms.

Should rejected RFC's require additional consideration, we will negotiate with contractors to establish the impact of change conditions and we will attempt to complete negotiations prior to beginning work. If we fail to reach an agreement and the work must continue, we will direct the Contractor to complete the work. For all disputed work and force account work, the Construction Inspector will document the labor, materials and equipment used for the extra work for use in future negotiations.

Upon direction from the City, TKE will continue negotiating with Contractors to settle all disputes; however, City staff will ultimately determine the extent the City will go to achieve resolution. TKE will meet with both parties, either independently or together, as warranted until resolution is reached. TKE will complete all necessary calculations to support the City's position. TKE utilizes a proactive dispute avoidance program. Once an issue is identified, TKE works diligently to resolve it as timely as possible. The weekly meetings will also be used to avoid or resolve these disputes.

TKE will perform labor compliance interviews with contractor and subcontractor personnel in accordance with the required schedule set forth in the LAPM. In addition, TKE will review certified payroll reports and ensure DBE utilization in compliance with state and federal requirements.

**Deliverables:** Change Orders and Logs, RFI's/RFC's and Logs, Budget Reports, Resident Engineer's Report, Weekly Statement of Working Days and Labor Compliance Forms

**Task No. 2e – Pay Requests**

Each month, TKE will review the construction payment requests submitted by the contractors for work completed and the construction schedule. We will review the work completed and payment requests to ensure that the quantities and amounts requested reflect the actual work completed. After each request has been reviewed (and revised if necessary), we will approve it and forward it to staff for approval and payment along with a written statement of completed review. We will also submit a monthly status report with each payment request that will advise the City of compliance with the project schedule.

TKE will track and log any Preliminary and Stop Notices prior to each month's progress payment. If any stop notices have been issued, we will direct the Contractor to rectify the notice and provide proof of the rectification prior to release of payment.

TKE will also provide monthly reports highlighting project progress, change orders, cost issues, and schedule.

Deliverables: Payment Requests and Budget Reports

**Task No. 2f – Agency Coordination**

TKE's Construction Managers will review permitting and coordinate with appropriate County, City, and utility agencies affected by the work. We will coordinate project schedules and work progress affecting each of the projects with each appropriate agency. If appropriate, the construction manager will invite affected agencies to attend the weekly progress meetings to review the project schedule, summarize project requirements and discuss them at these weekly meetings.

Deliverables: Agency Coordination and Permit Acquisition

**Task 2g – Billing and Project Reports**

TKE will provide monthly project reporting identifying current activities, future activities, potential change items, concerns, problems and possible delays, percentage of completion and budget status for construction and consultants. TKE will provide monthly billing to the City for consultant work performed during the previous month. All invoices will follow City format and include a break down by task and fee. TKE will also prepare reimbursement requests to Caltrans Local Assistance in accordance with the LAPM and funding requirements.

Deliverables: Monthly Invoices, Summary Reports and Reimbursement Requests to LAPM

**Task 2h – Inspection Services**

TKE will provide daily construction inspection and reporting, to verify that the project is progressing in compliance with the contract documents. We will require strict compliance with the contract documents for all construction activities and for any

equipment or materials to be furnished and installed. We already possess the measuring devices and testing equipment normally required for inspecting public works construction projects. Our construction inspection personnel are experienced and knowledgeable in the operation of said devices and equipment, as well as the associated safety equipment.

All materials will be reviewed against approved material submittals as they arrive on-site. Batch tickets or weigh certificates will be collected upon material arrival.

Our Construction Inspector will verify SWPPP and safety provisions have been implemented at the start of each work day, at the construction site. Any deviations will be documented. All system service interruptions, connections and abandonments will be coordinated with staff. In addition, he will coordinate and schedule materials testing and survey requirements with appropriate parties to ensure there is no delay to the project construction and to minimize costly down periods for anyone onsite.

We will digitally photograph the activities and maintain copies in the project files and our Construction Inspector will prepare daily field reports, which will document all observed project activity, including location of the activity, number of workers present, construction equipment used, quantities constructed, inspector present, weather conditions, and construction progress. All project documentation will be completed on standard forms. All documents will be submitted in hard copy and electronic copy formats. TKE will provide all inspection equipment needed.

Our inspector will provide emergency contact information to allow for 24-hour accessibility. He will verify site safety conditions on a daily basis and, should conditions be unsafe, advise the contractor of corrective actions. If the contractor fails to remediate such condition, he will advise the City and request direction. Should an accident occur, we will notify the City and note all site conditions and photo document the accident location.

Deliverables: Daily Field Reports, Site Deficiency Reports, Batch Tickets, Photographs, Accident Reports, Testing Reports, and Summary Reports

**Task 2i – Construction Surveying Services**

TKE will provide construction staking services for the project. Construction staking will include site control to develop control and establishment of centerline monumentation and the establishment of temporary site control for staking operations including a level loop from the City's benchmarks around the site to be utilized during construction. In addition, we will provide staking and grade sheets as necessary for all items required for construction including but not limited to, clearing and grubbing, rough grading, asphalt concrete and PCC demolition limits, curb,



gutter, sidewalk, ramps, driveways, fencing, walls, storm drain pipe, catch basins, and street lighting.

TKE will tie out all existing monumentation prior to construction. After construction is complete, we will reset all lost survey monuments and prepare all required documentation.

Deliverables: Construction Stakes, Grade Sheets and Corner Records

#### **Task 2j – Geotechnical Services and Materials Testing**

Over the course of project construction, we will schedule materials and compaction testing with Aragon Geotechnical Inc. They will identify the locations and specified depths for all tests on roadway subgrade, aggregate base, asphalt concrete and grading in accordance with the City's Quality Assurance Plan. They will provide for initial sampling and acceptance testing on materials proposed for the project and continue sampling as required throughout the project in accordance with ASTM D2922, D1556 or D1557. Extraction and gradation tests will be performed in accordance with ASTM D2172. Testing will be conducted in a Caltrans Certified Laboratory and all technicians will be Caltrans Certified as well. A certification memorandum will be prepared and signed by a professional engineer identifying any non-complying materials used on the project.

Deliverables: Reports and Certification Memorandum

#### **Task No. 3 – Post Construction Management Services**

TKE will provide the following subtasks related to post construction management services:

##### **Task 3a - Project Close-Out**

After project construction is essentially complete, we together with City staff, if desired, will field review the project and prepare a construction deficiencies list (punch list) of items requiring remedial work. After all deficiencies are corrected, our Construction Manager will prepare a letter, recommending acceptance of the project. Once the remedial work is completed, TKE will review and process the final project invoice.

TKE will assist the City to identify, track and monitor the completion of warranty work prior to the construction completion date. We will obtain lien waivers, bonds, guarantees, warranties, if required, and other documents required by the Contract Documents for final Contract Closeout.

In addition, we will prepare the Notice of Substantial Completion to establish the date for the commencement of contract warranty periods and acceptance of maintenance responsibility by City. We will provide the Contractor with a list

of any remaining incomplete work requirements to be completed prior to Final Completion.

After all project requirements have been completed, we will prepare a "Notice of Completion" report documenting the final completion of the project and acceptance of the project improvements by the City.

Once the project has been completed, we will provide the City with a complete set of redlined record drawings which will reflect the improvements as constructed; any changes made during project construction will be shown on the record drawings based on contractor's and our records.

We will forward copies of all records in digital and hard copy format (CD ROM and mylar) and we will prepare a summary of construction changes, final cost, and schedule revisions.

Deliverables: Record Drawings, Punch List, Final Payment, Project Records, and Notice of Completion

##### **Task No. 3b – Record Drawings**

Each month, our Construction Inspector will review the contractor's records to ensure that a diligent effort is being made to keep current and accurate records of work in place. If deficiencies are observed, we will withhold the contractor's progress payment until the contractor demonstrates compliance.

Once the project has been completed, we will provide the City with a complete set of redlined record drawings which will reflect the improvements as constructed; any changes made during project construction will be shown on the record drawings based on contractor's and our records. Drawings will be forwarded to the design engineer to prepare final as-built drawings to be provided to the City.

Deliverables: Redlined Record Drawings

##### **Task 3c – Billing Close-Out**

TKE will prepare the Final Delivery Report of Expenditures (FROE) for review and submittal by the City to Caltrans Local Assistance.

Deliverables: FROE Report

## D . DEVIATIONS FROM GENERAL SCOPE OF WORK

TKE has read and understands the requested scope of work and has no deviations.



## SECTION 4 | PROJECT TEAM

### A . KEY PERSONNEL

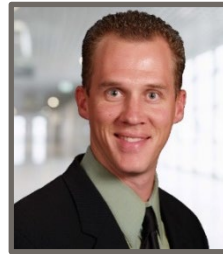
TKE's key staff assigned to perform the services required are identified and discussed in detail within the following section. As discussed previously, TKE currently maintains a staff of 54 personnel who are highly qualified to assist with any of the required services for this contract.

TKE has two unique advantages associated with the experience of TKE's project team. One benefit of TKE's project team is our extremely low internal turnover rate. As a result of our rigorous interview and testing procedures, coupled with our extremely high employee satisfaction rates, TKE staff has years of experience working together. The close relationships each of our staff members have with one another provide the City with an extremely well rounded and experienced team. As such, TKE's project team experience directly correlates with TKE's firm experience described previously.

The second benefit of TKE's project team is our internal training procedures. TKE has strived to develop techniques that reach outside the box and develop well rounded individuals committed to providing high quality, efficient services to meet all of our clients' needs. TKE trains our staff on every facet of engineering design and construction to provide a level of knowledge that can identify problems in every phase of a project, from planning through construction.

It is this commitment to service and diverse array of offerings that makes us unique and drives our long-standing relationships with our client base. Understanding that all aspects of on-call miscellaneous consulting services are important to ensure the City's interests are protected and project schedules are met, our team brings TKE management level professionals to projects ensuring that every aspect receives full and comprehensive consideration. It is this personal touch and contact that define our 'local service' approach. We consider ourselves community builders and take ownership of services requested from TKE, ensuring that our personnel will be allocated on an as-needed basis in order to complete all services on schedule and within specified budget. TKE is committed to responding to our clients' needs as they arise.

Below are TKE's Key Personnel for the City's Construction Management and Inspection Services Murrieta Hot Springs Road Widening Project:



Terry Renner, P.E., P.L.S., Q.S.D.  
Construction Manager

R.C.E. No. 69984

P.L.S. No. 9762

Q.S.D. Certification No. 24329

Mr. Renner is the Senior Vice President of TKE and has over 24 years of construction experience on grant funded civil engineering infrastructure projects, including transportation improvements, drainage improvements, sewer and water improvements, facilities improvements and recreation improvements. He has managed numerous transportation and drainage projects for the City of Highland and has delivered projects for the City of Rialto, Hesperia, Fontana, Moreno Valley, Upland, Riverside, Redlands, and Corona.

As a construction manager, Mr. Renner has been responsible for construction coordination and scheduling, utility relocation coordination, public relations, submittal review, supervising a staff of inspectors and subconsultants, weekly progress meetings, request for information responses, storm water management, progress payments, change order review and negotiations, labor compliance, and project closeout. He has successfully delivered a wide variety of complex and challenging projects and is dedicated to ensuring that the projects managed and delivered by TKE continue to exceed industry standards.

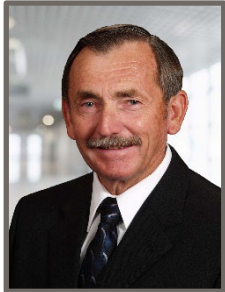
Mr. Renner's greatest attribute is his ability to deliver projects from grant funded to capital projects. His vast experience ensures success again and again. He also understands the importance of working as a team member. Mr. Renner understands that he will be given direction from City staff and fully understands the need to maintain proper protocol while providing services. He further understands that his role will be to implement construction that meets the needs of the City and project documents while maintaining the project budget.



Marvin Lara, E.I.T.  
Construction Manager

Mr. Lara is an Associate Engineer of TKE and has 7 years of experience in civil engineering infrastructure projects, including transportation improvements, drainage improvements, sewer and water improvements, facilities improvements, recreation improvements, and construction methods. He has managed numerous projects and has delivered projects for the Cities of South El Monte, Highland, Calimesa, El Monte, Fontana, Rialto,

Upland, Riverside, Hesperia and Redlands. As a Construction Assistant, Mr. Lara has been responsible for assistance in supervising a staff of inspectors, construction coordination and scheduling, utility relocation coordination, public relations, submittal review, coordination with subconsultants, weekly progress meetings, request for information responses, storm water management, progress payments, change order review and negotiations, labor compliance, and project closeout



**Ron Musser, P.L.S.**  
Senior Surveyor

P.L.S. No. 4230

Mr. Musser has over 50 years of experience in performing field and office surveying services for public and private projects including design surveys and right-of-way acquisition projects. Prior to joining TKE Engineering, Inc., Mr. Musser worked at the County of Riverside as a County Surveyor for nearly 22 years providing mapping, easement document preparation, field surveying and calculations support for hundreds of projects. He has prepared records of survey, parcel maps, tract maps, right-of-way and easement documents in San Bernardino County, Riverside County, San Diego County, Orange County and Los Angeles County. He has performed boundary, topographic, ALTA, and precise level surveys as well as Global Positioning Surveys.



**Nelson Blackwell, C.P.I.I.**  
Senior Construction Inspector

Mr. Blackwell has over 8 years of experience providing inspection services for capital projects to several agencies throughout Southern California. His services include but are not limited to site grading, sewer and waterline installation, street paving, American Disabilities Act (ADA) improvements, underground infrastructure, utilities installation, steel reinforcements, concrete and masonry, path/retaining walls, and parking lot installation. Additionally, he is skilled in understanding project plans and specifications, accessing applicable code, maintaining good and proper relationships with project stakeholders and contractors, and helping to prepare final project documents. Mr. Blackwell has prepared daily inspection reports, developed construction photo logs, verified compliance with contract documents and approved project submittals, and verified public safety compliance.



**Jeff Lantosh, C.P.I.I.**  
Senior Construction Inspector

Mr. Lantosh has over 13 years of inspection experience providing public works inspection services to a variety of municipalities throughout Southern California. Mr. Lantosh's background in public works inspection and oversight provide him with an extensive knowledge of ASTM specifications and OSHA standards. Additionally, Mr. Lantosh has provided coordination with other project professional services including geotechnical and survey. Mr. Lantosh has worked as a public works inspector for inspection of capital improvement and developer installed improvements relating to the construction of streets, drainage, traffic signals, parks and housing tract improvements. Mr. Lantosh has prepared daily inspection reports, developed construction photo logs, assisted with progress and final payment processing, assisted with change order negotiations, verified compliance with contract documents and approved project submittals, verified public safety compliance, and developed remedial work lists. He also has experience performing special inspections work and has earned numerous certifications that strengthen his qualifications to perform work on specialized projects.



**Stephen Biscotti**  
Senior Construction Inspector

Mr. Biscotti has over 15 years of inspection experience, and has been providing Public Works Construction Inspection services for the last ten years. Mr. Biscotti has worked as a Public Works Inspector for inspection of capital improvement and developer installed improvements relating to the construction streets, drainage, utilities, parks and development improvements. He is currently working as a Senior Public Works Inspector on the CV-Sync Project for CVAG. Mr. Biscotti has extensive knowledge of industry public works and Caltrans construction practices, and has demonstrated experience reading and interpreting plans and specifications. He will support the TKE Team in ensuring the required deliverables are presented to the City on schedule.

TKE has a staff of 17 inspectors which will be available to assist depending on the project schedule.

## DEPTH OF RESOURCES

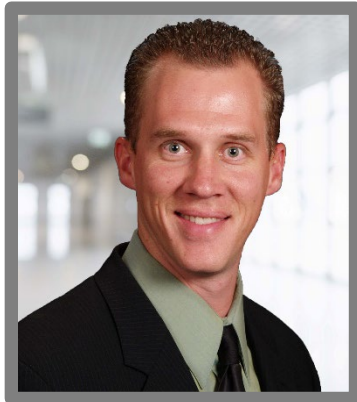
TKE's professional team is supported by 65 Construction Management support staff, Construction Inspection Staff, Plan Check Staff, as well as Administrative Support personnel. An organizational chart for the entire team is presented on the following page, and resumes for key personnel have been

provided separately per RFP requirements. Upon the City's request, TKE can furnish additional resumes for any support staff needed to accomplish the work under this contract.





## B . R E S U M E S



# TERRY RENNER, P.E., Q.S.D.

TKE Engineering, Inc.

## PRINCIPLE-IN-CHARGE | CIP CONSTRUCTION MANAGER

### EDUCATION

BS, Civil Engineering, California State Polytechnic University, Pomona

### REGISTRATIONS

P.E. License Number 69984 (CA)  
P.L.S. License Number 9762 (CA)  
Qualified SWPPP Developer and Practitioner #24329

### CERTIFICATIONS

Caltrans SWPPP Certified QSP/QSD Training

### AFFILIATIONS

American Public Works Association  
American Council of Engineering Companies of California

Mr. Renner is the Senior Vice President of TKE and has over 24 years of experience in civil engineering design, plan checking, project management and construction management of both development and public works infrastructure projects, including grading improvements, street and transportation improvements, traffic engineering, drainage improvements, water improvements, sewer improvements, facilities improvements and recreation improvements. He currently provides traffic and transportation engineering services to the cities of Fontana, Calimesa, Upland, Wildomar, Highland, and Adelanto. His experience includes services during pre-project planning, design, plan review, construction management and inspection, along with operations and maintenance. He also has experience conducting traffic studies, specialized access analysis, parking studies, signal operations, signal timing, and traffic control. He has successfully delivered a wide variety of complex and challenging projects and is dedicated to ensuring that the plans produced by TKE continue to exceed industry standards.

Through his career, Terry has accumulated extensive experience in Transportation and Traffic Engineering field. He has planned, designed and managed construction for more than 100 miles of roadways, street widening, medians, traffic calming, roundabouts, signing and striping modifications, bicycle lanes, and pedestrian facilities for major corridors, arterials, collectors and residential streets. Finally, Terry has overseen public works projects for signal modification and ITS improvements including projects in Caltrans jurisdiction and involving multi-agency coordination.

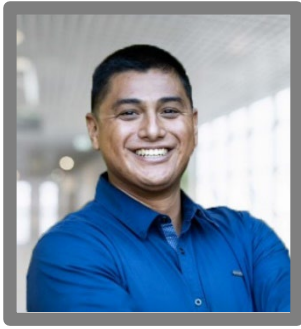
### DETAILED PROJECT EXPERIENCE

- Sierra Avenue Widening Project, City of Fontana, CA** - Mr. Renner provides project and construction management services to the City of Fontana for the Sierra Avenue Widening Project. The project is approximately 1 mile of widening for the City's primary north south arterial street widening the roadway from 4 lanes to 6 lanes. The project includes street widening, raised landscape median, new sewer main installation, traffic signal installation and modifications, traffic signal interconnect and fiber optic cable installation, and extensive utility coordination for water main replacement, Rule 20A and Rule 20B undergrounding work. He is currently responsible for management of utility coordination, right-of-way acquisition for 76 parcels, traffic analysis, review of construction plans, coordination with project design consultants, construction management and construction staking services. While providing these services to the City, Mr. Renner has represented the City with other agencies, represented engineering with the City's management personnel and other meetings, managed engineering budgets and project schedules.
- San Bernardino Avenue Street Improvements, City of Fontana, CA** - Mr. Renner provided Construction Administration services for the San Bernardino Avenue street and storm drain improvements project which is located in the City of Fontana north of Interstate 10 Freeway and East of the Interstate 15 Freeway from Commerce Drive to Cherry Avenue. The proposed median and sidewalk improvements minimize turning movements providing for increased vehicular capacity, corridor beautification, and improved traffic and pedestrian safety. Construction

Management, Inspection and construction staking is being provided by TKE for approximately 8,800 linear feet of street median, sidewalk and storm drain improvements. TKE provided utility and railroad coordination for the relocation and adjustment of various utility improvements (i.e., power poles, meters, vaults, etc.) and the railroad crossing upgrade. TKE prepared all legal descriptions, right-of-way acquisition plats, temporary construction easement plats and negotiated with property owners for 5 separate parcels

- **CV Sync Construction Management, Palm Desert, CA-** Mr. Renner serves as the Construction Manager in charge of oversight of all aspects for Phase 1 of the CV Sync project (Formerly CVAG TSSP). This work involves plan review, management and approval of construction scheduling, budget, field work, local agency procedures and more. This project involves coordination and support across twelve agencies in the Coachella Valley. The project improvements include advanced traffic management systems (ATMS), advanced transportation controllers (ATC), selected Intelligent Transportation System (ITS) elements, ITS sub-systems, and Ethernet/IP-based communications that will be expandable and scalable for future integration of ITS technologies and strategies, such as Integrated Corridor Management (ICM), Smart Cities, Connected and Autonomous Vehicles, a Regional Traffic Management Center (RTMC) and local Traffic Operation Centers (TOC).
- **Zone 3 Improvement Project, City of El Monte,** Mr. Renner is the Construction Manager for this project. The City of El Monte is requiring treatments to the set of streets in zone three to increase the pavement quality to the full width of the street. The TKE Team is providing a constructability review of the design plans, specifications and cost estimate (PS&E); overseeing construction coordination meetings with the contractor and stakeholders; community outreach in multi-language, project updates, responding to inquiries and concerns through the duration of the project, tracking and processing requests for information, coordinating materials submittals; conducting material/geotechnical testing, providing construction inspection and reporting; schedule tracking; reviewing and recommending approval of contractor payment requests; reviewing, negotiating, and recommending approval of contract change orders; coordinating with utilities and other agencies; assuring contractor labor compliance; and records management.
- **Citywide Pavement Rehabilitation Program FY 2021/24 Project, City of Moreno Valley, CA** Mr. Renner was the Construction Manager for Citywide Pavement Rehabilitation Program for FY 2021/22 Project which included rehabilitation for more than 20 miles along various arterial streets throughout the City of Moreno Valley. TKE provided daily inspection and monitoring to ensure construction of the project was in accordance with the approved plans and specifications. The project included PCC cross gutter, curb and gutter, and ramp, removal and replacement, pavement crack sealing, grinding and isolated removal areas along with construction of street widening with asphalt rubberized hot mix overlay over conventional hot mix asphalt base paving, pavement replacement, rubberized asphalt concrete overlay, slurry seal and asphalt concrete curb installation. TKE provided preparation of daily field reports and photo logs and provided reports to the City Staff on weekly basis.
- **5<sup>th</sup> Street Corridor Improvements Project City of Highland, CA-** The 5th Street Corridor Improvements Project is located on 5th Street from Victoria Avenue to Palm Avenue in the City of Highland. The project includes

construction of approximately one mile of pavement rehabilitation, removal and reconstruction of concrete sidewalks, curbs and gutters, cross-gutters, ADA ramps, bus pads and driveway approaches, construction of catch basins and storm drains, installation of a new traffic signal system at the intersection of 5th Street and Central Avenue, relocation of miscellaneous utilities, raising of various utility manholes/valves and installation of traffic signing, striping and loop detectors. Services include value engineering, striping and signal redesign, utility relocation and coordination, construction management, inspection, construction staking and coordination with property owners.



## MARVIN LARA, E.I.T.

TKE Engineering, Inc.

### ASSISTANT CONSTRUCTION MANAGER

#### EDUCATION

BS, Civil Engineering, California State Polytechnic University, Pomona

#### CERTIFICATIONS

Engineer in Training

E.I.T. Number 157100

#### AFFILIATIONS

Riverside-San Bernardino Counties Branch, American Society of Civil Engineers (ASCE)

Inland Empire, Women In Transportation (WTS)

Cal Poly Pomona Alumni, Society of Hispanic Professional Engineers

Mr. Lara is an Associate Engineer of TKE and has 7 years of experience in civil engineering infrastructure projects, including transportation improvements, drainage improvements, sewer and water improvements, facilities improvements, recreation improvements, and construction methods. He has managed numerous projects and has delivered projects for the Cities of South El Monte, Highland, Calimesa, El Monte, Fontana, Rialto, Upland, Riverside, Hesperia and Redlands. As a Construction Assistant, Mr. Lara has been responsible for assistance in supervising a staff of inspectors, construction coordination and scheduling, utility relocation coordination, public relations, submittal review, coordination with subconsultants, weekly progress meetings, request for information responses, storm water management, progress payments, change order review and negotiations, labor compliance, and project closeout.

#### DETAILED PROJECT EXPERIENCE

- CV Sync Construction Management, Palm Desert, CA-** Mr. Lara serves as the Assistant Construction Manager assist with oversight of all aspects for Phase 1 and 2 of the CV Sync project (Formerly CVAG TSSP). This work involves plan review, management and approval of construction scheduling, budget, field work, local agency procedures and more. This project involves coordination and support across twelve agencies in the Coachella Valley The project improvements include advanced traffic management systems (ATMS), advanced transportation controllers (ATC), selected Intelligent Transportation System (ITS) elements, ITS sub-systems, and Ethernet/IP-based communications that will be expandable and scalable for future integration of ITS technologies and strategies, such as Integrated Corridor Management (ICM), Smart Cities, Connected and Autonomous Vehicles, a Regional Traffic Management Center (RTMC) and local Traffic Operation Centers (TOC).
- LPP County Line Road Project, City of Yucaipa/Calimesa, CA-** Mr. Lara was the Assistant Construction Manager for the SB1 Local Partnership Program project. This project consists of the preparation of full construction documents including environmental compliance documents, right-of-way acquisition, utility relocations, plans, technical specifications, construction cost estimates (PS&E) and construction support services for the design of four roundabouts, street widening, bicycle lanes, curb and gutter, sidewalk, crosswalks, ADA curb ramps, storm drain, and signing and striping along County Line Road from 4th Street to Bryant Street.
- Safe Routes to School Cycle 10, City of Highland, CA-** Mr. Lara served as the assistant engineer. TKE provided construction management and inspections services for the Cycle 10 Safe Routes to Schools Warm Springs, Cole and Cypress Elementary Schools Projects for the City of Highland. The City of Highland was awarded SR2S funding for the pedestrian path of travel enhancements to provide safe walking paths along 6th Street, Elm Street, Cole Avenue, Drummond Avenue, 10th Street and 14th Street. Proposed improvements include sidewalk, curb access ramps, In-Roadway Lighting system, striping and signage improvements.





- **HSIP Jurupa Valley Guardrail Replacement Project, City of Jurupa Valley, CA-** Mr. Lara served as the assistant engineer for this project. This HSIP project located in Jurupa Valley involves a guardrail replacement, for which TKE is performing grant administration, construction management, and inspection services. TKE attends project development meetings on behalf of Jurupa Valley, assists with preparing requests for proposals, and tracks and reports on statuses with regard to the project budget and schedule. Our Team also composes various communications and reports required for the administration of this project related to its state and federal funding.
- **Moreno Valley Amphitheater, City of Moreno Valley, CA -** Mr. Lara is currently assisting in performing construction management services for the new construction of Moreno Valley Amphitheater located near Moreno Valley City Hall at Southeast corner of Alessandro Boulevard and Veteran's Way intersection. The project includes construction management, obtaining approval of permit applications, submittal and RFI review, project team coordination, inspections and construction staking.
- **Library ADA Improvements, City of Moreno Valley, CA -** The Library ADA Improvements Project is located at the Northwestern corner of Alessandro Boulevard and Kitching Street in the City of Moreno Valley. Proposed grading, sidewalk, curb access ramps, striping and signage improvements were designed to meet ADA Compliance.
- **I-15 Sewer and Water Improvements, City of Hesperia, CA -** Mr. Lara assisted in the design of approximately 7,900 linear feet of 8" and 10" P.V.C. sewer main improvements. Design of sewer main improvements also included 10" ductile iron pipe with an 18" Steel Casing crossing the I-15 Freeway from Caliente Road to Mariposa Road near Ranchero Road in the City of Hesperia. In addition to sewer main improvements, approximately 3,800 linear feet of 18" DIP water lines were designed along Ranchero Road to and along Kourie Way and to and along Cromdale Street to existing tanks at East end of Cromdale Street. The project included restrained joints, system appurtenances, and connections to the existing systems and interconnections to City of Hesperia Sewer and Water.
- **CDBG Alesia Street and Lerma Avenue, City of South El Monte, CA-** Mr. Lara assisted in the design of approximately 107,000 sq. ft of street rehabilitation on Alesia Street between Potrero Avenue and Adelia Avenue and Lerma Street between Merced Avenue and Central Avenue in the City of South El Monte. Proposed design included asphalt rehabilitation, grading, striping and signage improvements sidewalk, and curb access ramps were designed to meet ADA Compliance.



# NELSON BLACKWELL

Senior Public Works  
Inspector

TKE Engineering, Inc.

## EDUCATION

Special Inspection Certification and Training - Southwest Training and Calibration San Bernardino, Ca

## CERIFICATIONS

ICC - Special Inspector, Soils, Reinforced Concrete, Reinforced Masonry and ACI Field Testing Technician Grade 1  
CPPII – Certified Public Infrastructure Inspector (CPPII)

Mr. Blackwell has over 8 years of experience providing inspection services for capital projects to several agencies throughout Southern California. His services include but are not limited to site grading, sewer and waterline installation, street paving, American Disabilities Act (ADA) improvements, underground infrastructure, utilities installation, steel reinforcements, concrete and masonry, path/retaining walls, and parking lot installation. Additionally, he is skilled in understanding project plans and specifications, accessing applicable code, maintaining good and proper relationships with project stakeholders and contractors, and helping to prepare final project documents. Mr. Blackwell has prepared daily inspection reports, developed construction photo logs, verified compliance with contract documents and approved project submittals, and verified public safety compliance.

## DETAILED PROJECT EXPERIENCE

- **City Wide Pavement Rehabilitation Program, City of Moreno Valley** – Mr. Blackwell was the Senior Public Works Inspector for the Citywide Pavement Rehabilitation 2021/22 Project which included rehabilitation for 20 miles along various streets throughout the City of Moreno Valley. Mr. Blackwell provided daily inspection and monitoring to ensure construction of the project was in accordance with the approved plans and specifications. The project included pavement crack sealing, grinding and isolated removal areas along with construction of street widening with asphalt rubberized hot mix overlay over conventional hot mix asphalt base paving, pavement replacement, rubberized asphalt concrete overlay, slurry seal and asphalt concrete curb installation.
- **Boulder Ave Improvement Project, City of Highland** – Mr. Blackwell was the Senior Public Works Inspector for Boulder Avenue Improvement Project, a major collector street with 2 lanes each direction separated by a median. The project included removal of curb, gutter, asphalt concrete pavement, signage, striping and construction of PCC curbs, gutters, curb ramps, driveways, asphalt concrete pavement, irrigation, median curb, landscaping, hardscape, in-road bicycle detection, decorative way findings signs, street lighting, trail lighting, anti-graffiti coating, architectural treatment on existing sound wall and cape seal located on Boulder Avenue from Greenspot Road to San Manuel Village Plaza (Highland Avenue).
- **I&I Projects – North Bay Slip Lining Phase 2, Lake Arrowhead Community Services District** – Providing inspection of slip lining rehabilitation for existing sewer mainline.
- **Spyglass Reservoir Water Tank Replacement, Lake Arrowhead Community Services District** – Mr. Blackwell performed inspections for demolition of 300K Gallon steel water tank and construction of new 400K gallon concrete water tank and appurtenances. This project includes hillside grading, storm drain piping installations and local street paving.
- **District Corp Yard/Field Ops Facility, Lake Arrowhead Community Services District** – Mr. Blackwell performed inspections for all site construction activities including, but not limited to; Site grading, Underground utility installations, Parking lot construction, and Landscaping.
- **Torrance Aquatic Center, Torrance Unified School District, Torrance, CA** – Mr. Blackwell performed inspection services for this \$15 Million project including professional construction observation of new pools,

facility building, and underground infrastructure and utilities installations.

- **Lawndale High School**, *Lawndale CA* – Mr. Blackwell performed inspection services for this \$30 million, 70,600 sf. building. His services included professional construction observation of building over excavation, site grading, and underground infrastructure and utilities installations.
- **Roosevelt Elementary School**, *Pomona CA* – Mr. Blackwell performed inspection services for this \$45 million expansion and modernization project. His services included professional construction observation of new buildings, storm water infiltration system installation, and parking lot installation.
- **Hart School District**, *Santa Clarita, CA*– Mr. Blackwell performed inspection services for this \$18.2 million project. His services included professional construction observation of building over excavation, site grading, and underground infrastructure and utilities installations.
- **Success Building**, *University of California, Riverside, CA*– Mr. Blackwell performed inspection services for this \$60 million project. His services included professional construction observation of building over excavation, underground utilities installation, steel reinforcement, and concrete.
- **Naval Weapons Station**, *Missile Magazines, Seal Beach, Ca* – Mr. Blackwell performed inspection services for this concrete, missile bunker project. His services included professional construction observation of the slope and roof cover for the bunkers, road, and parking lots



## JEFFREY LANTOSH

### SENIOR PUBLIC WORKS INSPECTOR/SPECIALTY INSPECTOR

TKE Engineering, Inc.

#### EDUCATION

South West Calibration and Training, San Bernardino, CA

#### CERTIFICATIONS

CPII – Certified Public Infrastructure Inspector

ICC - Special Inspector, Soils Structural Masonry, Reinforced Concrete, and Prestressed Concrete (Cert No. 8052427)

American Concrete Institute - Certification Staff

OSHA 30 Outreach Training for the Construction Industry 2022:  
construction#: 20-0107970  
General#: 20-0079854

APNGA Portable Nuclear Gauge | Radiation Safety Officer Class

Mr. Lantosh has over 12 years of inspection experience with the providing public works inspection services. Mr. Lantosh has provided inspection services to several municipalities throughout Southern California. He has completed project inspection services for the cities of Fontana, Riverside, Moreno Valley, Highland, Calimesa, Riverside Transit Agency, and the County of San Bernardino. Mr. Lantosh's background in public works inspection and oversight provide him with an extensive knowledge of ASTM specifications and OSHA standards. Additionally, Mr. Lantosh has provided coordination with other project professional services including geotechnical and survey. Mr. Lantosh has worked as a public works inspector for inspection of capital improvement and developer installed improvements relating to the construction of water, sewer, streets, drainage, traffic signals, parks and housing tract improvements. Mr. Lantosh has prepared daily inspection reports, developed construction photo logs, assisted with progress and final payment processing, assisted with change order negotiations, verified compliance with contract documents and approved project submittals, verified public safety compliance, and developed remedial work lists.

#### DETAILED PROJECT EXPERIENCE

- **Regional Water Reclamation Program, Mission Springs Water District**– Mr. Lantosh is providing specialty inspection services for the construction of the District's Regional Water Reclamation Program (RWRP). The RWRP includes construction of a regional wastewater treatment plant, interceptor conveyance system, and local wastewater collection systems. Mr. Lantosh is performing specialty inspections for all reinforcement steel placement, concrete foundations, cutoff walls, water stops, separator walls and perimeter walls for the head works pump station, treatment processing tanks and buildings.
- **Citywide Pavement Rehabilitation Program (Arterials) FY 2020/21 Project, City of Moreno Valley**- Mr. Lantosh was the Senior Public Works Inspector for Citywide Pavement Rehabilitation Program for FY 2020/21 Project which included rehabilitation for 6.0 miles along various arterial streets throughout the City of Moreno Valley. TKE provided daily inspection and monitoring to ensure construction of the project was in accordance with the approved plans and specifications. The project included PCC cross gutter, curb and gutter, and ramp, removal and replacement, pavement crack sealing, grinding and isolated removal areas along with construction of street widening with asphalt rubberized hot mix overlay over conventional hot mix asphalt base paving, pavement replacement, rubberized asphalt concrete overlay, slurry seal and asphalt concrete curb installation. TKE provided preparation of daily field reports and photo logs and provided reports to the City Staff on weekly basis.
- **Citywide Pavement Rehabilitation Program (Local Streets) FY 2020/21 Project, City of Moreno Valley**- Mr. Lantosh was the Senior Public Works Inspector for the Citywide Pavement



South Coast Air Quality  
Management District | Rule 403.1  
Coachella Valley Fugitive Dust  
Control Training (CV2302-  
010555-13615)

#### AFFILIATIONS

American Concrete Institute -  
Certification Board

Rehabilitation Program for FY 2020/21 Project which included rehabilitation for 2.4 miles along various local streets throughout the City of Moreno Valley. TKE provided daily inspection and monitoring to ensure construction of the project was in accordance with the approved plans and specifications. The project included pavement crack sealing, grinding and isolated removal areas along with construction of street widening with asphalt rubberized hot mix overlay over conventional hot mix asphalt base paving, pavement replacement, rubberized asphalt concrete overlay, slurry seal and asphalt concrete curb installation. TKE provided preparation of daily field reports and photo logs and provided reports to the City Staff on weekly basis.

- **Pavement Accelerated Repair Implementation Strategy (PARIS) Program, City of Redlands-** Mr. Lantosh performed observation and testing on over 400 miles of roads throughout the City. This project entailed grinding and recycling existing pavement, creating a new base layer for asphalt. The City of Redlands features unique challenges, as the soil varies from silty sands on its north side to clayey material to the south. With this, the City heavily relied on field recommendations to ensure a firm and unyielding section to place asphalt. Some recommendations included cement treated soils and/or the use of geogrid. Good faith effort was used to provide value engineering to the City. This project changed the City's pavement rating from one of the lowest to one of the highest in the state.
- **Magnolia Ave. Grade Separations, City of Riverside Public Works-** Mr. Lantosh performed observation and testing of reinforced concrete, structural masonry, and soils/earthwork. This project lowered Magnolia Avenue under the Union Pacific Railroad tracks in Magnolia Center. A two track railroad bridge was constructed over Magnolia Ave. As a main arterial for the City, Magnolia Ave. had to remain open at all times to allow first responders to pass through. Railroad operations could not be shut down either, so a shoofly was constructed as well. This project shifted the alignment of Magnolia Ave. and Beatty Drive was widened between Brockton Ave. and De Anza Ave. Traffic signals were installed at the intersections of Beatty Dr., Brockton, Magnolia, and De Anza Avenues. Additionally, Merrill Ave. east and west of Magnolia Ave. was converted to a right turn in/out to facilitate traffic flow. The project required relocation of water and electric facilities maintained by the City of Riverside Public Utilities Department, communication lines owned by AT&T and Charter, gas lines, and relocation of over 6300 feet of sewer line to redirect sewer flows around the grade separation.





# STEPHEN BISCOTTI

## SENIOR PUBLIC WORKS INSPECTOR

TKE Engineering, Inc.

### EDUCATION

Coronado State University, CA BA,  
Arts and Humanities

### CERTIFICATIONS

OSHA 30 Certified

16 Hour QSP Training Seminar

Lean Manufacturing Seminar – Gibbs  
Wire & Steel Co., Inc.

Forklift Certification 2004 – 2012  
(Both operator and instructor) – Gibbs  
Wire & Steel Co., Inc.

Step 2000 Courses (electricity and  
electrical control devices) Siemens  
E&A

Conflict and Confrontation Seminar –  
Farmers Insurance

Forklift Certification 1984 – 1990,  
Various Wire Mills in MA, CT, and CA

Mr. Biscotti has over 14 years of inspection experience with the last 7 years providing public facility and public works construction inspection services. Mr. Biscotti has provided inspection services to several municipalities throughout Southern California. He has completed project inspection services for the Cities of Moreno Valley, Fontana, South El Monte, Riverside, Hemet, Calimesa, Riverside Transit Agency, East Valley Water District and the County of San Bernardino. Mr. Biscotti has provided coordination with other project professional services including geotechnical and survey. Mr. Biscotti has worked as a Public Works Inspector for inspection of capital improvement and developer installed improvements relating to the construction streets, drainage, utilities, parks and development improvements. Mr. Biscotti has prepared daily inspection reports, developed construction photo logs, assisted with progress and final payment processing, assisted with change order negotiations, verified compliance with contract documents and approved project submittals, verified public safety compliance, and developed remedial work lists.

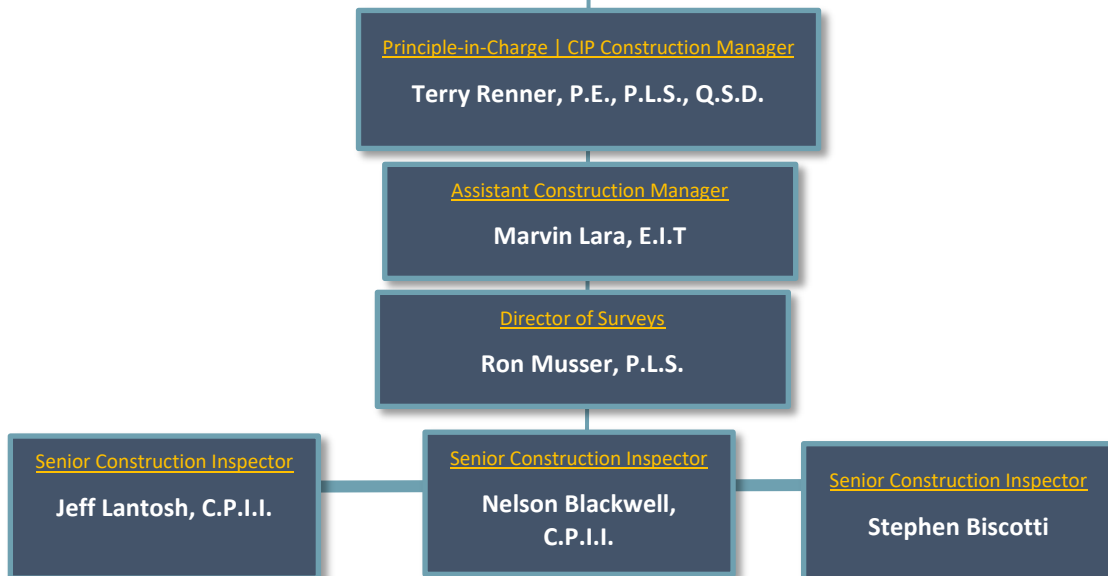
### DETAILED PROJECT EXPERIENCE

- **Moreno Valley Amphitheater and Civic Center Park, City of Moreno Valley, CA** – Mr. Biscotti provided construction inspection services for the Moreno Valley Civic Center Park and Amphitheater Project located South of Alessandro Blvd immediately west of City Hall. The amphitheater is used for regional movie nights, concerts and seasonal special events. The 2.5 acre project included an amphitheater stage, video wall and enclosure, audio/visual and storage room, 400 person arched concrete seating, fire water system upgrades, and a parking lot for approximately 300 vehicles.
- **CV Sync Construction Management, Palm Desert, CA** - Mr. Biscotti provided construction inspection services for Phase 1 of the CV Sync project (Formerly CVAG TSSP). This work involves plan review, management and approval of construction scheduling, budget, field work, local agency procedures and more. This project involves coordination and support across twelve agencies in the Coachella Valley. The project improvements include advanced traffic management systems (ATMS), advanced transportation controllers (ATC), selected Intelligent Transportation System (ITS) elements, ITS sub-systems, and Ethernet/IP-based communications that will be expandable and scalable for future integration of ITS technologies and strategies, such as Integrated Corridor Management (ICM), Smart Cities, Connected and Autonomous Vehicles, a Regional Traffic Management Center (RTMC) and local Traffic Operation Centers (TOC).
- **Manganese Treatment Facility and 0.5 MG Reservoir Project, City of Huntington Park, CA** – Mr. Biscotti performed

construction inspection services for the construction of a grant funded 70-foot tall welded steel reservoir replacement project and a fully redundant manganese filtration plant capable of flowrates up to 1500 gpm in the City of Huntington Park. The project included the removal of a structurally deficient steel reservoir and construction of the proposed welded steel reservoir including a ring footing with 45-foot deep 3-foot diameter caissons to combat liquefaction issues. The reservoir removal and replacement is located within fifteen feet of an existing 70-foot tall 2 million gallon steel reservoir to be protected during construction.

- **On-Call Inspection Services, San Bernardino Municipal Water Department, CA** – Mr. Biscotti is providing on-call inspection services to the City of San Bernardino Municipal Water Department (SBMWD) on numerous public and private improvements related to housing tracts and commercial development projects. Mr. Biscotti has provided inspection of more than 10,000 linear feet of pipeline installation for SBMWD.
- **5th Street Corridor Improvements Project, City of Highland, CA** – Mr. Biscotti performed construction inspection services for installation of a new traffic signal on 5th Street located in the City of Highland west of the Interstate 210 Freeway. The 5th Street Corridor Improvements Project is located on 5th Street from Victoria Avenue to Palm Avenue in the City of Highland. The project includes construction of approximately one mile of pavement rehabilitation, removal and reconstruction of concrete sidewalks, curbs and gutters, cross-gutters, ADA ramps, bus pads and driveway approaches, construction of catch basins and storm drains, installation of a new traffic signal system at the intersection of 5th Street and Central Avenue, relocation of miscellaneous utilities, raising of various utility manholes/valves and installation of traffic signing, striping and loop detectors. Services include value engineering, striping and signal redesign, utility relocation and coordination, construction management, inspection, construction staking and coordination with property owners.
- **Interagency Safe Routes to Schools Project, City of Adelanto, CA** – Mr. Renner performed construction management services for approximately 5,000 linear feet of street, sidewalk and access ramp improvements around Columbia Middle School, Adelanto Elementary School, and Westside Park Elementary School. The project also included placement of speed feedback signage and rapid rectangular flashing beacons within the school zones.

# C. ORGANIZATIONAL CHART



## SUPPORT TEAM (65+ Members)

**Shelby Kelley** | Assistant Construction Manager  
**Daniel Melero** | Assistant Construction Manager  
**Naeem Dulloo** | Senior Public Works Inspector  
**Tyler Ault** | Senior Public Works Inspector  
**Greg Lawyer** | Senior Public Works Inspector  
**Jeff Lynn** | Senior Public Works Inspector  
**Naeem Dulloo** | Senior Public Works Inspector  
**Ralph Martinez** | Senior Public Works Inspector  
**Michael Counce** | Senior Public Works Inspector

**Chance Renner** | Assistant Construction Manager  
**Travis Bradshaw** | Assistant Construction Manager  
**Jose Hernandez** | Assistant Construction Manager  
**Brian McDuffie** | Senior Public Works Inspector  
**Roy Garcia** | Senior Public Works Inspector  
**Paul Duffell** | Senior Public Works Inspector  
**Patrick Palafox** | Senior Public Works Inspector  
**Ricardo Reynaga** | Senior Public Works Inspector  
**Victor Escoto** | Senior Public Works Inspector



Geotechnical Services





## SECTION 5 | REFERENCES

AGENCY	CONTACT NAME	CONTACT	DATES SERVICES PROVIDED
City of Highland 27215 Baseline Highland, Ca 92346	Mr. Carlos Zamano Public Works Director	(909) 864-6861 Czamano@Cityofhighland.org	2014-Present
City of Calimesa 908 Park Avenue Calimesa, Ca 92320	Mr. Will Kolbow City Manager	(909) 795-9801 wkolbow@cityofcalimesa.net	2012 – Present
CITY OF FONTANA 16489 Orange Way Fontana, CA 92335	Mr. Phillip Burum Deputy City Manager	(909) 350-6727 pburnum@fontana.org	2000 – Present
City of Wildomar 23873 Clinton Keith Road Suite 201 Wildomar, Ca 92595	Mr. Jason Farag Assistant City Manager, Public Works Director / City Engineer	(951) 677-7751 jfarag@cityofwildomar.org	2013 – Present
City of Glendora 116 E. Foothill Blvd. Glendora, CA 91741	Mr. Bill Wittkopf Public Works Director	(626) 852-4845 bwittkopf@cityofglendora.org	2004-Present



## SECTION 6 | AUTHORIZATION

Terry Renner, P.E., P.L.S., Q.S.D., is authorized to bind the firm and proposal is valid for a period of one (1) year.



**City of Murrieta**  
**Construction Management and Inspection Services for the Murrieta Hot Springs Road Widening Project**  
**Consulting Engineering Fee**  
**CIP No. 8079**

Task No.	Task	Construction Manager		Assistant Construction Engineer		Clerical		Inspector		Survey Crew		Subconsultants		Total
		Hours	\$	Hours	\$	Hours	\$	Hours	\$	Hours	\$	\$	\$	
Scope of Services														
Construction Management Services														
Task No. 1 - Preconstruction Services														
	Task No. 1a - Quality Assurance/Quality Control	12	\$ 2,178	32	\$ 5,456	2	\$ 187	8	\$ 1,056		\$ -	\$ -	\$ -	8,877
	Task No. 1b - Preconstruction Meeting	8	\$ 1,452	16	\$ 2,728	4	\$ 374	4	\$ 528		\$ -	\$ -	\$ -	5,082
	Task No. 1c - Records Management Review	4	\$ 726	4	\$ 682	8	\$ 748	2	\$ 264		\$ -	\$ -	\$ -	2,420
Task No. 2 - Construction Management Services During Construction														
	Task No. 2a - Records Management	2	\$ 363	4	\$ 682	44	\$ 4,114	44	\$ 5,808		\$ -	\$ -	\$ -	10,967
	Task No. 2b - Material Submittal Review	16	\$ 2,904	64	\$ 10,912	24	\$ 2,244	8	\$ 1,056		\$ -	\$ -	\$ -	17,116
	Task No. 2c - Construction Meetings	120	\$ 21,780	150	\$ 25,575	26	\$ 2,431	44	\$ 5,808		\$ -	\$ -	\$ -	55,594
	Task No. 2d - Construction Management and Labor Compliance	300	\$ 54,450	600	\$ 102,300	130	\$ 12,155		\$ -		\$ -	\$ -	\$ -	168,905
	Task No. 2e - Pay Requests	34	\$ 6,171	70	\$ 11,935	8	\$ 748	44	\$ 5,808		\$ -	\$ -	\$ -	24,662
	Task No. 2f - Agency Coordination	44	\$ 7,986	70	\$ 11,935	26	\$ 2,431	44	\$ 5,808		\$ -	\$ -	\$ -	28,160
	Task No. 2g - Billing and Project Reports	8	\$ 1,452	44	\$ 7,502	26	\$ 2,431		\$ -		\$ -	\$ -	\$ -	11,385
	Task No. 2h - Inspection Services <sup>2.)</sup>	26	\$ 4,719	26	\$ 4,433	26	\$ 2,431	1600	\$ 211,200		\$ -	\$ -	\$ -	222,783
	Task No. 2i - Construction Surveying Services		\$ -		\$ -	8	\$ 748	8	\$ 1,056	40	\$ 10,560		\$ -	12,364
	Task No. 2j - Geotechnical Services and Materials Testing	8	\$ 1,452	16	\$ 2,728	8	\$ 748	24	\$ 3,168		\$ -	\$ -	\$ -	8,096
Task No. 3 - Post Construction Management Services														
	Task No. 3a - Project Close-Out	16	\$ 2,904	32	\$ 5,456	24	\$ 2,244	40	\$ 5,280		\$ -	\$ -	\$ -	15,884
	Task No. 3b - Record Drawings	8	\$ 1,452	40	\$ 6,820	8	\$ 748	16	\$ 2,112		\$ -	\$ -	\$ -	11,132
	Task No. 3c - Billing Close-Out	12	\$ 2,178	24	\$ 4,092	8	\$ 748	4	\$ 528		\$ -	\$ -	\$ -	7,546
	Subtotal:	606	\$ 109,989	1,160	\$ 197,780	378	\$ 35,343	1,882	\$ 248,424	40	\$ 10,560	\$ -	\$ -	610,973
										</				

**Rates:**

Construction Manager	\$ 182 /HR
Assistant Construction Engineer	\$ 171 /HR
Clerical	\$ 94 /HR
Inspector	\$ 132 /HR
Survey Crew	\$ 264 /HR

**Notes:**

1.) Reimbursables Include Cost for Prints, Copies, Mileage, Etc.

2.) Assumes Construction Period of 200 Working Days (Single Crew)

**Construction Management Total:** \$ 617,083

**TKE Engineering, Inc.**



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