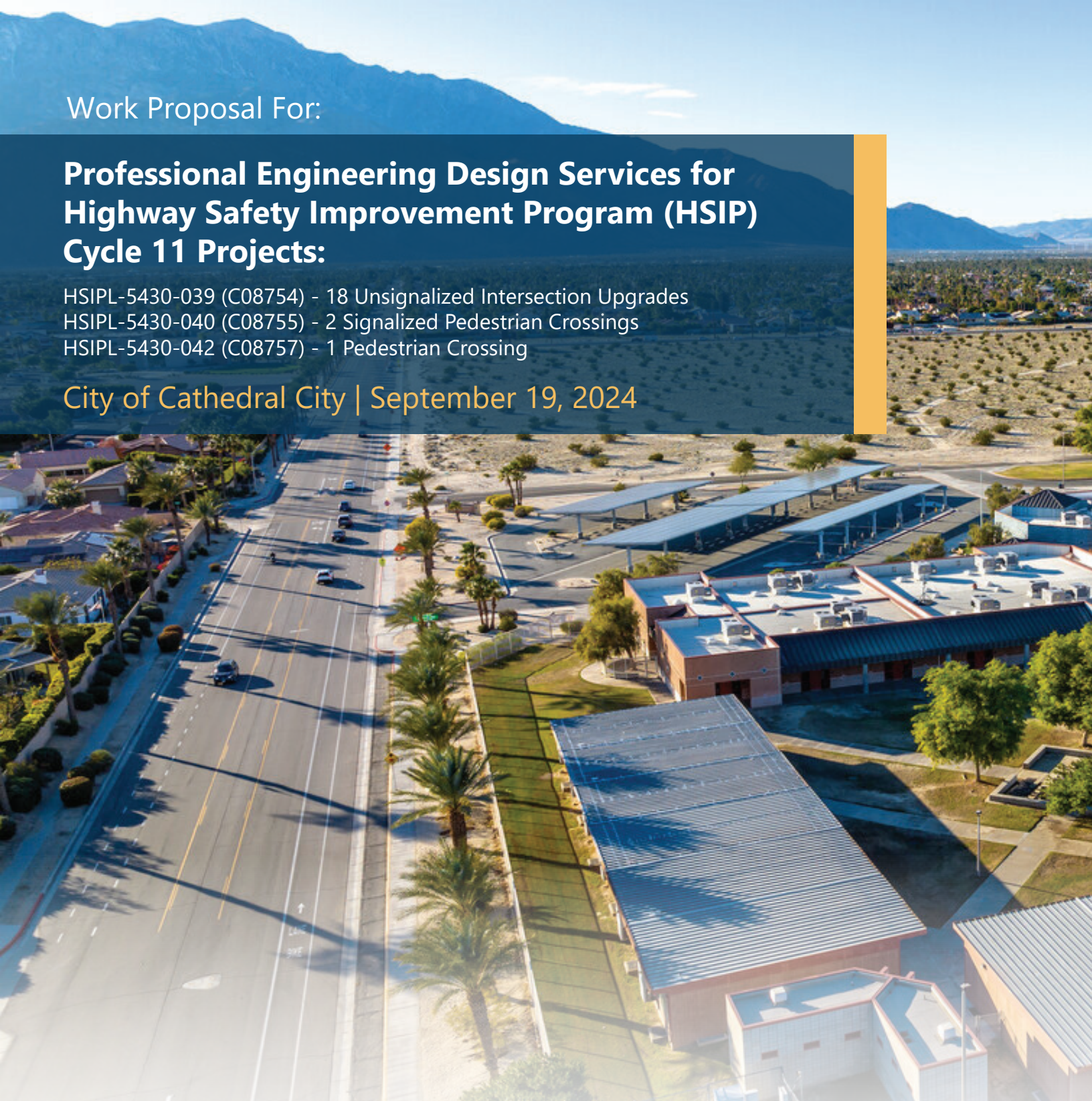
Work Proposal For:

Professional Engineering Design Services for Highway Safety Improvement Program (HSIP) Cycle 11 Projects:

HSIPL-5430-039 (C08754) - 18 Unsignalized Intersection Upgrades
HSIPL-5430-040 (C08755) - 2 Signalized Pedestrian Crossings
HSIPL-5430-042 (C08757) - 1 Pedestrian Crossing

City of Cathedral City | September 19, 2024



Submitted By:

STC Traffic, Inc

Mailing and Business Address:

5973 Avenida Encinas, Suite 218
Carlsbad, CA 92008
Principal Contact: Jason Stack, President
P: (760) 602-4290

Cathedral City

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Appendices

Conflict of Interest Statement: STC does not have any financial, business or other relationship with the City that may have an impact upon the outcome of the contract or the construction project. STC does not have any current clients or relationship with any construction companies that have a financial interest in the project.

I. Cover Letter

September 19, 2024

Attn: Jesus Gutierrez
Engineering Technician I
City of Cathedral City
68-700 Avenida Lalo Guerrero
Cathedral City, CA 92234

RE: Request for Proposals – Professional Engineering Design Services for HSIP Cycle 11 Projects (HSIPL-5430-039, HSIPL-5430-040, and HSIPL-5430-042)

STC Traffic, Inc. (STC) is pleased to submit our qualifications to the City of Cathedral City for Professional Engineering Design Services for HSIP Cycle 11 Projects HSIPL-5430-039, HSIPL-5430-040, and HSIPL-5430-042.

We love working for the City and collaborating with City staff. Not only does the City have a strong familiarity with our team, but City staff and in-house staff employed by the agency regularly rely on us for important jobs. We completed the City's Local Roadway Safety Plan (LRSP) and **prepared the grant applications** for these project.

We understand the City's needs on these projects—through previous studies, our staff have observed traffic operations and conducted safety evaluations and reviews at all locations in the project areas. Additionally, we have prepared PS&E for unsignalized and signalized intersection upgrades and pedestrian crossings on similar HSIP projects throughout Riverside County and San Diego.

Our core function is focused on delivering these types of project to the public. We do not stray from this mission. Our proposed Project Manager, Phil Kern, PE, is a licensed professional Civil Engineer in the State of California. We propose the use of ERSC, Inc. as a subconsultant for topographic survey. As the contact person for this RFP and authorized representative to execute an agreement with the City, we have read and complied with all terms and conditions of the RFP and acknowledge all addenda. We look forward to working with the City.

Sincerely,

Jason Stack, President
5973 Avenida Encinas, Suite 218
Carlsbad, CA 92008
(760) 602-4290, jason.stack@stctraffic.com

II. Statement of Qualifications

STC Traffic, Inc. *has been providing professional traffic engineering services to municipal agencies in Southern California for over 17 years.*

Our team is recognized for its ability to creatively solve problems arising from the most challenging traffic engineering projects.

We are comprised of professional engineers in traffic and civil engineering, traffic operations engineers, certified planners, certified IMSA signal technicians, ITS and systems and network engineers, and Public Works electricians/ inspectors. These are exactly the professionals that the City will need to deliver these HSIP projects.

STC is structured as a full-service extension of City staff precisely so that our planners, designers, and ITS experts can address the City's immediate needs.

STC currently provides as-needed traffic engineering services to the City of Cathedral City. Our strong local and regional presence gives us the ability to deliver the range of services that the City requires on these HSIP projects.

STC is a certified **Small Business Enterprise (SBE).** The staff represented in our proposal are the staff that are going to be there for the City 100% of the time. Our staff is flexible working the hours necessary to make the deadline. We understand the critical nature of the consulting work we do. Our work is all about trust.

Local Presence

Our team currently supports the City of Cathedral City with on-call traffic engineering services and are regularly on site and/or in the vicinity. We will provide the same level of service and availability on this project. We are 100% committed to providing boots-on-the-ground and local resources whenever they are needed for this contract. STC has the ability to establish an office within the County or surrounding area.

Seasoned Project Management

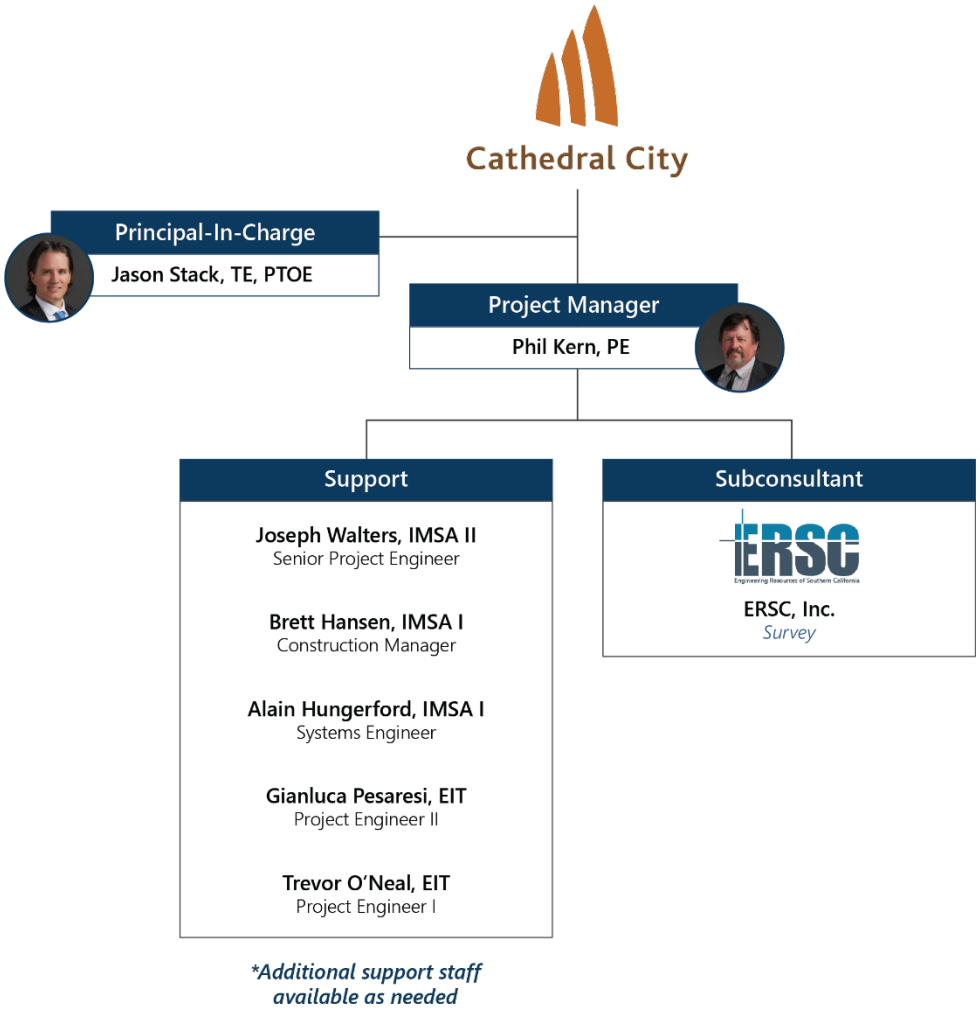
The STC Team will be led by Phil Kern, P.E., and supported by in-house technical staff in STC's planning, engineering, and systems and operations divisions. Phil has 30 years of experience in the planning, design, permitting, and construction support of a wide range of public works, transportation, infrastructure, and capital improvement projects for public agencies.

Project Personnel

STC's Organizational Chart for the project is shown below—resumes for project management (Phil Kern) and support staff are included as Appendix A. All assigned key professional staff are properly licensed to practice in California.

Our foremost approach to meeting the City's needs for this project is to provide the highest-quality staff. STC is modeled in the image of the municipal public works traffic division. We are comprised of professional engineers (traffic/civil), professional traffic operations engineers, certified signal technicians (up to IMSA Level III), ITS systems and network engineers, and public works electricians and inspectors—the team proposed for this Project is the same team that has delivered many similar HSIP projects throughout Southern California, including work with the City of Cathedral City. This will give the City confidence in our ability to deliver successful projects.

Surveying will be subcontracted to Engineering Resources of Southern California, Inc. (ERSC), a full-service civil engineering, surveying, mapping, and land planning firm located in Redlands, California. ERSC specializes in civil engineering design, plan preparation, and surveying of public works projects.



Meet the Project Manager

Phil Kern, PE, is the Project Manager and primary point of contact for this project. Phil has over 30 years of experience in the planning, design, permitting, and construction support of a wide range of public works, transportation, infrastructure, and capital improvement projects for public agencies, including pedestrian crosswalk upgrades and pedestrian school crossing enhancements.

The last 20 years of his career have focused on the design and delivery of capital projects through on-call contracts and serving as staff extension for public agencies. Mr. Kern is hands-on with design improvements, advocating for the community and taking advantage of opportunities to maximize safety. He supported the City of Indian Wells with project management from 2018 to 2019 and was responsible for task order development, field investigations/surveys, multidisciplinary project coordination and preparation of construction documents as the Engineer of Work. Now with STC, he currently supports a variety of municipal agencies throughout Southern California including the Cities of Murrieta, Menifee, Banning, and Brawley, to name a few.

HSIP Project Experience

Our HSIP track record in Riverside County, along with our intimate knowledge of the **City of Cathedral City's LRSP and underlying grant applications**, puts our team in a strong position to successfully deliver this project.

Over the past 10 years, STC has completed dozens of contracts for HSIP grant-funded projects, which required coordination with DLA for project delivery. Our staff is versed in the LAPM, and we recognize the City needs STC to self-deliver our expertise and drive the agenda for this project. We will execute deadlines, required reporting, and coordinate with internal and external parties. We will keep the City in the loop with regular communication and be conscious of the City's time and our efficiency.

We have done this time and time again on representative projects.

STC has delivered HSIP funded projects since HSIP Cycle 1 and has direct experience on HSIP funded projects for traffic signal upgrades and improvements.

For all of these projects, STC was intimately involved in the coordination and administrative efforts with Caltrans, Caltrans Local Assistance, and the representative local agencies. STC has recent experience producing HSIP grant applications applying the relevant countermeasures and has keen insight to the associated construction methods and costs. Additionally, STC has extensive experience delivering HSIP grant funded projects with state-only and federal funding sources.

Similar Project Work

HAWK Crossing at Ramon Rd. & Avenida La Paloma | City of Cathedral City, CA

The City of Cathedral City was awarded a HSIP grant to construct a High-Intensity Activated Crosswalk (HAWK) signal near the intersection of Ramon Road & Avenida La Paloma to address pedestrian and bicyclist collisions between Candlewood Drive and Shifting Sands Trail.

STC first worked with City staff and the Cathedral City Police Department (CCPD) Traffic Division to document reported traffic collisions citywide during development of the City's Local Roadway Safety Plan. Analysis identified the project area as a high priority due to 11 collisions that occurred from 2015 to 2019, including one fatality, three severe injuries, one bicycle collision, and five pedestrian collisions.

STC evaluated the existing operations of Ramon Road in greater detail at the onset of the project and produced a Basis of Design document to further analyze and determine the preferred crossing location, configuration, and traffic signal control type. Following finalization of the preferred crossing alternative, STC prepared the PS&E, RFA, and assisted with the bidding process.

Other Cathedral City Projects:

- **Local Roadway Safety Plan:** STC developed priority projects for upgrading safety lighting and internally illuminated street name signs to LED and retro-reflective backplates at signalized intersections citywide; installing pedestrian hybrid beacons; and upgrading existing pedestrian crosswalks to include LED lighting, curb extensions, curb ramps, flashing stop sign beacons, high visibility striping, and upgrades to existing roadway signing and striping. Ramon Rd & Avenida La Paloma (left) was identified as a priority unsignalized location by the LRSP. Additionally, recommendations were presented for HSIP funding set-asides.
- **HSIP Grant Applications:** Cathedral City has been pursuing HSIP grant funding for infrastructure improvements that enhance safety for all roadway users in the City since 2011 and has been successful in achieving millions of dollars in HSIP grant awards authored by STC. STC wrote all of the grant applications for the projects in this RFP, helping the City achieve more than $3.5M in HSIP Cycle 11 grant funding alone.

STC Traffic
Cathedral City HSIP Cycle 11 Grant Funding

HSIP Cycle 11 Grants	HSIP Funds	STC - Authored
Pedestrian Crosswalk Upgrades (18 Intersections) *HSIPL-5430-039*	$1,306,890	✓
Pedestrian Signals (2 intersections) *HSIPL-5430-040*	$959,670	✓
Signal Hardware (49 intersections) *HSIPL-5430-041*	$1,008,000	✓
30th Ave & San Eljay Ave (Set-Aside) *HSIPL-5430-042*	$249,840	✓

Client Reference: John A. Corella, P.E., Director of Engineering/Public Works (760) 770-0327 jcorella@cathedralcity.gov

HSIP Pedestrian Crossing Enhancements | National City, CA

The HSIP-funded Midblock Crossings Pedestrian Enhancements Project was developed out of the grant administration services that STC provided the City of National City. The project implemented pedestrian safety enhancements at six midblock crosswalks in addition to replacing existing safety light fixtures with new LED fixtures at various intersections and crosswalks. Pedestrian enhancements included ADA curb ramps, corner bulb outs, upgraded sidewalks, updated signage and striping, and solar-powered flashing crosswalk signs with high intensity striping.

As a turnkey project, STC shepherded the Mid-Block Pedestrian Crossings Enhancements Project from grant preparation to design and PS&E development to construction support. Along with reducing greenhouse gas emissions, the project improved overall health and safety through the promotion of pedestrian and bicycling modes of transportation and implementation of various traffic calming measures.

Client Reference: Stephen Manganiello, TE
Director of Public Works, (608) 469-1169
smanganiello@nationalcityca.gov

Grant-Funded Westside Mobility Enhancements | National City, CA

STC assisted the City with preparing an Active Transportation Program (ATP) grant application to improve walking and bicycling in the City's historic Old Town (Westside) neighborhood. The grant was centered on implementing pedestrian and bicycle improvements identified in the City's Westside Specific Area Plan, with emphasis on traffic calming and mobility.

STC competed for, and was ultimately selected, to provide final PS&E and construction support for the Project. Elements of design included: a traffic signal modification, roundabout, new street lighting, reconfiguration of a two-way street to a one-way street with angle parking, raised sidewalk and crosswalk along a school walking route, Class 2 bike lanes, green bike boxes at a signalized intersection, and enhanced crosswalks with curb extensions and high intensity signing and striping. The Project won the ASCE San Diego Chapter Award of Excellence in the Bikeways and Trails category.

Client Reference: Stephen Manganiello, TE
Director of Public Works, (608) 469-1169
smanganiello@nationalcityca.gov

Z-Crosswalk for El Camino Real | City of Encinitas, CA

STC prepared design plans for a staggered or Z-crossing crosswalk on El Camino Real to provide a signalized pedestrian crossing between shopping centers.

El Camino Real is a prime arterial, carrying six travel lanes and divided by a raised landscaped median. The previously uncontrolled left turns in the median would soon become untenable, as the City had approved plans for the construction of large Starbucks café with drive through capabilities. This was a challenging design that had to consider the traffic operations along the busy corridor and the ADA requirements for the crossing. Upon completion of the design plans, the City commissioned STC to perform an operations analysis of the corridor to ensure the most efficient phasing and timing operations for this complex traffic signal design.

Client Reference: Abraham Bandegan, PE, TE, PTP, City Traffic Engineer
(760) 633-2705
abandegan@encinitasca.gov

HSIP Citywide Traffic Signal Safety Upgrades | Temecula, CA

The City of Temecula championed this initiative with the successful pursuit of HSIP Cycle 11 grant funding to improve citywide traffic signal system safety. Our team authored the HSIP Cycle 11 grant for this project on behalf of the City and is currently delivering the project. The project expands the footprint of the City's traffic systems and infrastructure improvements to bring these safety and operation benefits to additional roadways and intersections.

The HSIP Cycle 11 grant funds a range of improvements including fiber and wireless traffic signal interconnect, state-of-the-art ATC control technology, new traffic signal coordination, safety lighting upgrades, traffic signal and pedestrian head visibility and upgrades, and signal rewiring. This demonstrates the City's continued commitment to follow through with the Temecula 2040 Quality of Life Master Plan core value goal of a proactive approach to transportation, mobility, and connectivity improvements.

Client Reference: Nick Minicilli, PE, TE
Senior Traffic Engineer
(951) 693-3917
nick.minicilli@temeculaca.gov

HSIP Citywide Traffic Signal Safety Upgrades | Jurupa Valley, CA

This comprehensive project includes full evaluation of the City's existing traffic signals and traffic communications network, assessment of strategies to upgrade the City's existing traffic signals and communications infrastructure, recommendations for infrastructure upgrades, and PS&E for the traffic signal equipment/ construction phase.

The City championed this initiative with a successful pursuit of HSIP Cycle 10 grant funding to improve citywide traffic signal system safety through improved traffic signal interconnect and signal timing, coordination, and operation; and upgraded traffic signal heads with retroreflective back plates.

This project was specifically identified as one of four high priority CIP projects in the City's Local Road Safety Plan (LRSP). STC was selected for the project and has been providing key areas of technical delivery including a traffic signal communication and ITS master plan and design and engineering plans, specifications, and estimate, among other services.

Client Reference: Octavio Duran Jr, PE
Former Director of Public Works
(408) 612-2321

Tamarack Ave Midblock Ped Crossing | Carlsbad, CA

STC completed the design for pedestrian improvements at Tamarack Avenue and Valley Street, a key intersection next to Valley Middle School and down the street from Magnolia Elementary School. The City was looking to reduce car speeding and increase the safety and visibility of people crossing the street to and from the schools. Improvements included the design of a HAWK signal to replace the existing rectangular rapid flashing beacon system. Other improvements included curb extensions on the west side of the intersection to encourage slower turning speeds, increase the visibility of pedestrians, and shorten the pedestrian crossing distance across Tamarack Avenue.

Client Reference: Nestor Mangohig, PE, TE, PTOE, Senior Engineer
(760) 602-7504
Nestor.mangohig@carlsbadca.gov

III. Project Understanding and Approach

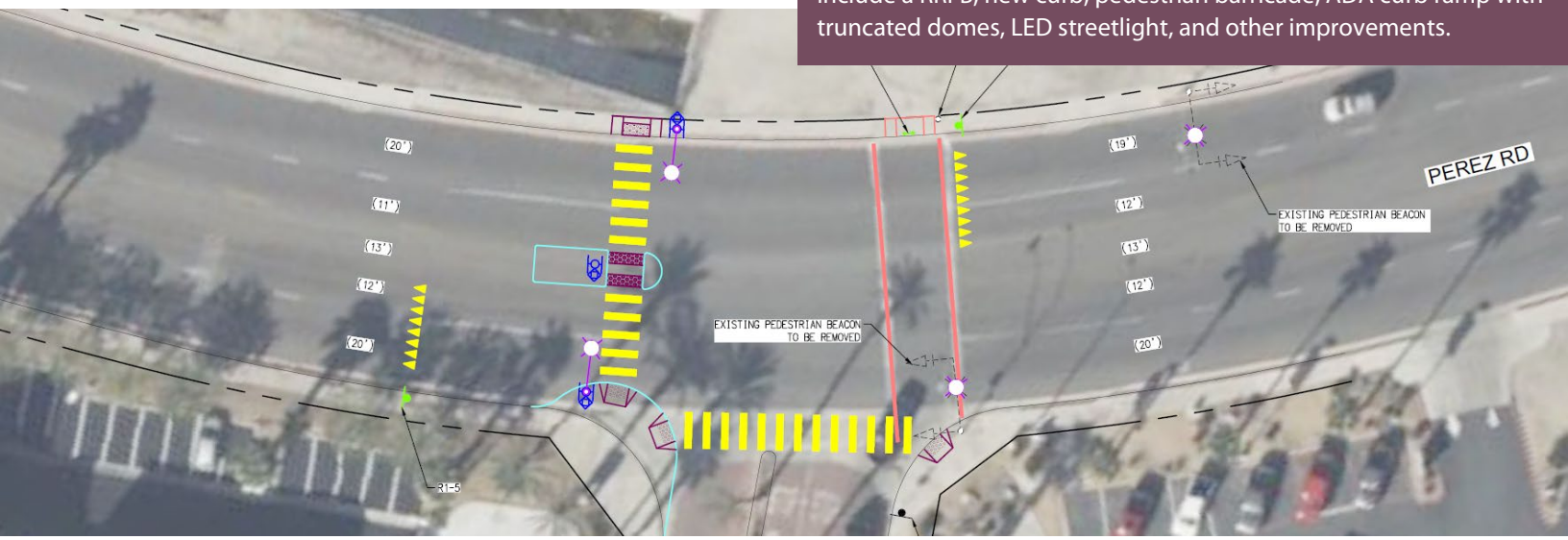
Project Understanding and Approach: HSIPL-5430-039 (C08754)

18 Unsignalized Intersection Upgrades

The City of Cathedral City is set to enhance pedestrian safety by improving 18 intersections. The main focus is upgrading pedestrian curb ramps to comply with ADA standards. A curb extension and median refuge area will also be constructed at one location. Other improvements include the installation of intersection lighting, LED flashing stop signs, high visibility crosswalks, Rectangular Rapid Flashing Beacons (RRFBs), and advanced pavement markings/signage. In collaboration with the City, STC prepared the HSIP grant for this project and carefully selected the improvements and their locations. During grant preparation, STC evaluated each project location to identify which pedestrian ramps needed to be upgraded and determined where other improvements, such as street lighting, should be added/enhanced.

To ensure compliance with current ADA standards and validate the need for other improvements identified in the grant application, STC will conduct detailed fieldwork at the start of the project. Findings from this fieldwork will inform the development of plans that reflect existing conditions and minimize the risk of issues during construction. STC, well-versed in the Local Assistance Procedures Manual, has also included optional services to prepare the funding allocation request on behalf of the City. The team is ready to provide comprehensive services, from design to funding allocation and through bid and construction support.

Proposed Conditions prepared by STC Traffic for the City's HSIP Cycle 11 grant application. The example concept shows the proposed improvements at Perez Road and Kyle Road (East), which include a RRFB, new curb, pedestrian barricade, ADA curb ramp with truncated domes, LED streetlight, and other improvements.



1 of 18 Project Locations: *Shown is Perez Road and Kyle Road (East) Prepared by STC Traffic, Inc.*

Project Understanding and Approach: HSIPL-5430-040 (C08755)

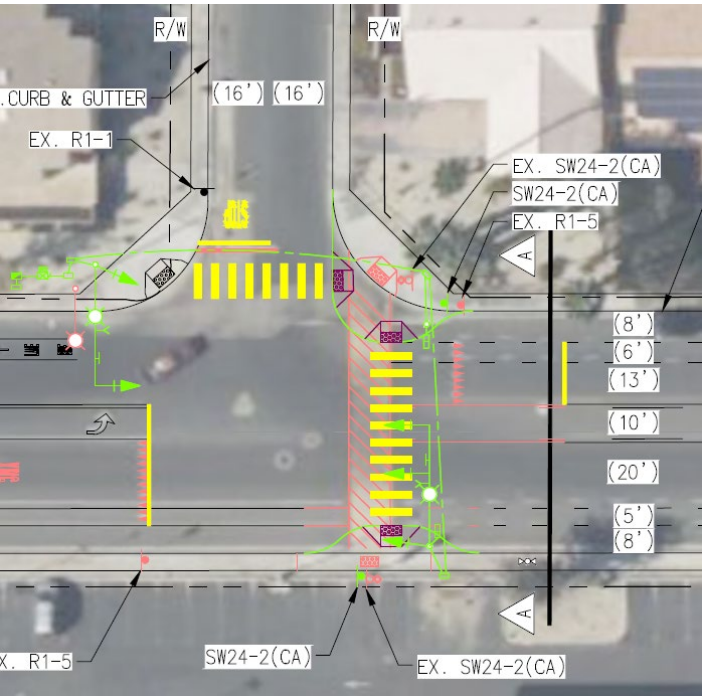
2 Signalized Pedestrian Crossings

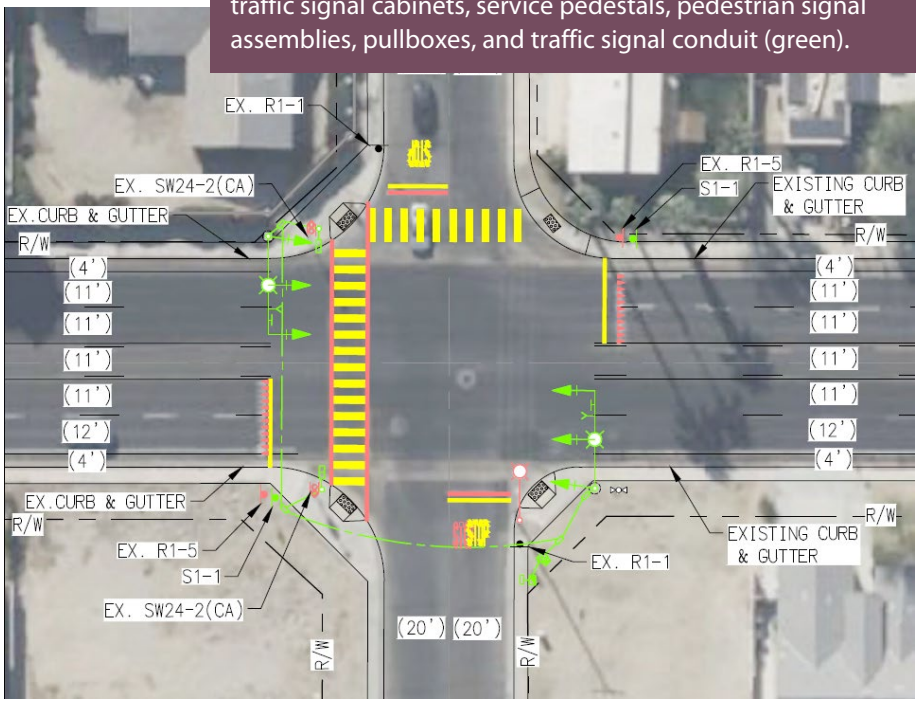
Two new traffic signals will be constructed at the intersections of 30th Avenue/ Avenida La Paz and Cathedral Canyon Drive/ Ortega Road. This comprehensive project will involve the construction of new traffic signals and the implementation of curb bulb-outs, ADA curb ramps, LED safety lighting, high-visibility crosswalks, pavement markings, advanced warning signs, and flashing beacons.

STC has a proven track record of **successfully completing a similar scope of work for the City of Cathedral City on Ramon Road** and is poised to work closely with the City to ensure safety at each intersection. Collaborating with the City, STC has taken the lead in preparing the HSIP grant for this project and has meticulously selected the improvements.

During the grant preparation phase, STC evaluated each project location to develop the proposed layouts presented in Attachment 4 of the grant application. STC will conduct detailed fieldwork at the onset of the project to determine the optimal placement of all traffic signal equipment and identify any potential constraints. STC has also included optional tasks to prepare the funding allocation request on behalf of the City and to establish traffic signal timing for both traffic signals. STC will prepare service requests for each signal as part of the utility coordination task. The STC team is fully prepared to provide a comprehensive range of services, from design to funding allocation and through bid and construction support.

Proposed Conditions prepared by STC Traffic for the City's HSIP Cycle 11 grant application. The two concepts show locations for proposed striping (yellow) and proposed traffic signal cabinets, service pedestals, pedestrian signal assemblies, pullboxes, and traffic signal conduit (green).





Project Locations: *30th Avenue/ Avenida La Paz (Left) and Cathedral Canyon Drive/ Ortega Road (Right) Prepared by STC Traffic, Inc.*

Project Understanding and Approach: HSIPL-5430-042 (C09757)

1 Pedestrian Crossing

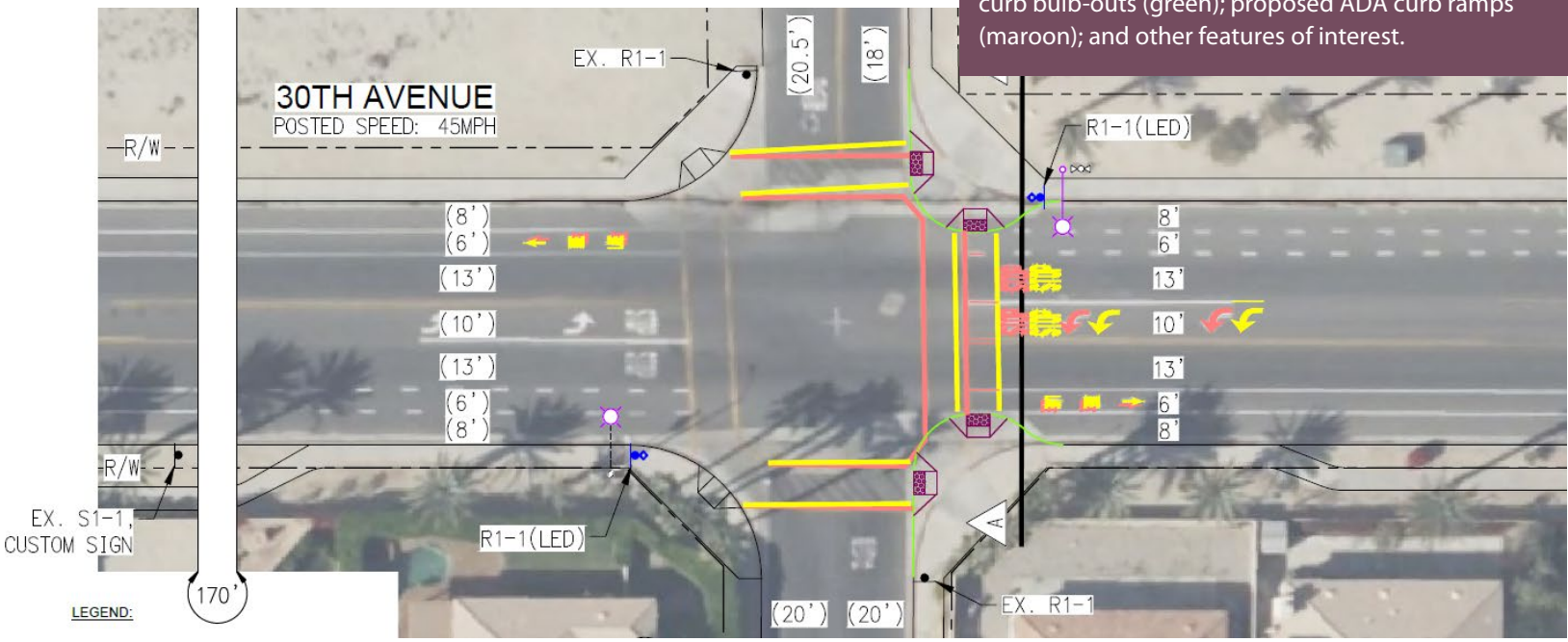
The City of Cathedral City plans to enhance pedestrian safety by improving the intersection of San Eljay Avenue and 30th Avenue.

The main focus is to upgrade curb returns on 30th Avenue with curb extensions and ADA curb ramps. Other improvements include the installation of flashing stop signs, school zone flashing beacons, and LED safety lighting.

In collaboration with the City, STC prepared the **HSIP grant for this project and carefully selected the improvements and their locations.** During grant preparation, STC evaluated each project location to identify which pedestrian ramps needed to be upgraded and determined where other improvements, such as street lighting, should be added or enhanced.

To ensure compliance with current ADA standards and validate the need for other improvements identified in the grant application, STC will conduct detailed fieldwork at the start of the project. Findings from this fieldwork will inform the development of plans that reflect existing conditions and minimize the risk of issues during construction. STC, well-versed in the Local Assistance Procedures Manual, has also included optional services to prepare the funding allocation request on behalf of the City. The team is ready to provide comprehensive services, from design to funding allocation and through bid and construction support.

Proposed Conditions prepared by STC Traffic for the City's HSIP Cycle 11 grant application. The concept shows proposed striping (yellow); proposed curb bulb-outs (green); proposed ADA curb ramps (maroon); and other features of interest.



Project Location: *San Eljay Avenue and 30th Avenue.*
Prepared by STC Traffic, Inc.

IV. Scope of Work

Scope of Work: HSIPL-5430-039 (C08754)

This section summarizes STC's technical approach to successfully accomplishing the Scope of Work items presented in the RFP. Included are the key deliverables for providing the engineering services required by the City and value-added services to enhance the project scope.

Task 1.0 Project Management/ Administration

STC's Project Manager, Phil Kern, PE, will coordinate the day-to-day activities for the project's duration and serve as the primary point of contact. Following the Notice to Proceed (NTP), Mr. Kern will schedule a project kick-off meeting with City staff and the project team to discuss the project objectives, schedule, scope, and City policies and procedures.

Mr. Kern will coordinate progress meetings to discuss design development, staff comments on submittals, and action items. STC will prepare and email meeting agendas to City staff in advance of the meetings and email meeting minutes within five (5) days after each meeting. Mr. Kern will attend up to one (1) City Council meeting to support the project.

STC will submit a progress report with invoices to the City in an organized format and with sufficient detail and backup documentation to clearly identify personnel, hours worked, and tasks completed. STC will control all project documents and provide deliverables and final files to the City in hard-copy and electronic formats.

STC will maintain project files and data in an organized, logical fashion and will be able to promptly retrieve and distribute project information to the City in the event of an audit or PRA request for information.

Task 1 Deliverables:

- *Project Schedule and Updates*
- *Monthly Progress Reports*
- *Meeting Agendas and Minutes*

Task 2.0 Field Work/ Preliminary Plans/ Inventory/ Standards

Task 2.1 Field Work

The STC team will visit each project location to confirm existing conditions and collect relevant information. During field review, STC will evaluate each project location for compliance with the minimum safety standards as provided in the CA-MUTCD, Americans with Disabilities Act (ADA), and City Standards. The project locations will be observed, paying special attention to pedestrian activity, vehicle speed, safety concerns, site constraints, and opportunities. Detailed field notes and photos will record field conditions and be logged for reference. STC will complete City inventories as necessary.

Task 2.1 Key Deliverables:

- *Field Photos and Notes (As Requested)*

Task 2.2 Survey

ERSC will perform field survey of the project locations and determine existing conditions for base map and plan development. The topographic survey will include each curb ramp shown in Attachment 4 of the HSIP application provided with the RFP.

For new ADA ramps, the topographic survey will be collected 25' beyond ECR and BCR within the City's right-of-way and along the gutter line to the spandrel. For curb extensions, the topographic survey will be collected 25' beyond ECR and BCR within the City's right-of-way to the center of the road to ensure sufficient data is collected to tie in grades. During the field survey, observable utilities will be precisely located, and we will complement the field survey with utility as-built research. Existing right-of-way will be plotted from available mapping. Survey will be collected for 49 ramp replacements.

Task 2.2 Deliverables

- *Mapping Base (.DWG format)*
- *Topographic Base (.DWG format)*
- *Surface File (.XML format)*

Taks 2.3 Preliminary Plans

The STC Team will develop a preliminary design package, including plans and engineering cost estimates reflecting a 30% design level of effort for the construction of the mid-block crossing and traffic signal. For detailed plan development information, please refer to Task 4.1.

Task 2.3 Deliverables

- *30% Plans and Engineering Cost Estimate*

Task 3.0 Environmental Documentation

STC will prepare the required environmental documentation in compliance with Caltrans LAPM. State-funded projects do not trigger National Environmental Policy Act (NEPA) compliance, so a Preliminary Environmental Study (PES) submittal is not required. Local HSIP projects must meet the requirements of the California Environmental Quality Act (CEQA). The implementing agency is the lead agency under CEQA and is responsible for self-certifying CEQA compliance.

This project is anticipated to be categorically exempt from CEQA compliance. STC will prepare a Notice of Exemption (NOE) form provided by the State of California Governor's Office of Planning and Research (OPR). STC will submit it to the City for signature and submit it to the Riverside County Clerk for filing.

Task 3 Deliverables

- *CEQA NOE Form*

Task 4.0 Plans, Specifications, and Estimate (PS&E)

Task 4.1 Plans

STC will prepare plans for the improvements shown in Attachment 4 of the HSIP application provided with the RFP. Plans shall conform to the Cathedral City Standard Plans, AASHTO Greenbook, County of Riverside Standard Plans, and Caltrans Standard Plans as applicable. Plans will be prepared utilizing AutoCAD software.

All work identified in the plans will be approved and sealed by a professional Civil Engineer registered in the State of California.

Project Plans shall include:

- Title, General Notes, and Construction Detail Sheets.
- Civil Design Plans including removals, existing and proposed improvement, utility base mapping, etc. Where necessary, the plans shall define the limits of repair to pavement, curb, gutter, sidewalk, ADA upgrades, etc. The plans shall be at a horizontal scale of 1"=10' or 1"=20' as appropriate. The plans will include horizontal and vertical control of all existing and proposed median curbs, new curb ramps, centerline stationing, and depict existing utility locations as noted in the survey. Civil Design Plans to be prepared include Street Improvement Plans and Detail Sheet. Demolition limits, elevation information, and profiles will be shown on each improvement plan.
- Signing and Striping Plans at a horizontal scale of 1"=40'. Signing and striping plans shall be prepared to meet the latest edition of the CA MUCTD. The plans will include full geometry of the roadway and appropriate signing and striping improvements for the City's preferred location alternative. The plans will incorporate all aspects of existing and proposed signing and striping design. The striping limits are limited for each project location and it is anticipated that four locations will be shown per plan sheet.
- Street Light Plans at a horizontal scale of 1"=40'. The design will be developed in accordance with Cathedral City Design Standards, Ordinances and Regulations, Caltrans Standard Plans and Specifications, and the CA MUTCD. Plans will include general notes, construction notes, details for pole location, luminaire type, and service connection (*Cont.*)

  It is expected an existing service point will energize each new street light. Luminaire upgrades to LED will be identified on the signing and striping plans for locations where no new street light pole is needed.

The STC Team will submit plans to the City for review at the 90% and 100% completion levels.

Task 4.1 Deliverables

- *HSIPL-5430-039 (C08754): 1 Title Sheet, 1 Detail Sheet, 17 Civil Improvement Sheets (20 Scale), 4 Signing and Striping Sheets (40 Scale), and 1 Street Light Sheet (40 Scale) [90% and 100% Levels of Completeness]*

Task 4.2 Specifications

STC will prepare project specifications utilizing the City's current boilerplate bid package, special provisions, and the latest editions of the AASHTO Greenbook for Public Works Construction, Caltrans specifications and City Standards.

Task 4.2 Deliverables

- *90% and 100% Bid Package in Word Format*

Task 4.3 Engineers Estimate

The STC Team will provide an itemized engineer's cost estimate at the 90% and 100% levels of design for all proposed improvements. The estimates will be detailed with unit prices and quantities for individual line items of work and specified equipment based on the historical cost index. Cost estimate details, including items and descriptions, will be consistent with bid items and specification sections.

Task 4.3 Deliverables

- *90% and 100% Engineers Cost Estimate in Excel Format*

Task 5.0 Funding Allocation Request (Optional Task)

STC will prepare all necessary documents required for the Construction Funding Allocation Request (CON) in compliance with LAPM state-funded HISP project implementation procedures. STC understands that no right-of-way acquisition is anticipated for this project. STC will prepare LAPM's right-of-way certification form well before the construction funding allocation request submittal to avoid any setbacks. Any LAPM 14-D submitted to utility companies as part of Task 2 will be included in the right-of-way certification submittal to Caltrans. It is anticipated that the City will submit all LAPM forms prepared by STC to Caltrans District 8 DLAE.

Task 5. Deliverables

- *Request for Funding Allocation Form*
- *Approved CEQA Notice of Exemption Documents (Scope Task 3)*
- *Right-of-Way Certification*
- *State-only Finance Letter for Construction*
- *Detailed Engineer's Cost Estimate for Construction Items*
- *Printout from List of Selected HSIP Projects Highlighting City's Project*

Task 6.0 Bidding Assistance

The STC Team will provide support during bidding. This work will include but is not limited to, attendance at the pre-bid meeting, responding to Requests for Information (RFI) during the project advertisement period, logging all questions and responses, and preparing addenda, as necessary. All communication will be directed to the City for issuance to bidders. STC will have no direct contact with any bidders.

The City will be responsible for construction contract advertisement, award, and admin.

Task 6. Deliverables

- *Pre-bid Meeting Attendance, Written RFI Responses, Addenda, Tabulated Response to RFI and Addenda*

Task 7.0 Construction Support

The STC Team will provide construction support. This work will include, but is not limited to, responding to the Contractor's RFIs during construction, conferring with the City's Construction Manager regarding RFIs as appropriate, reviewing and approving shop drawings, and preparing final record drawings. All communication will be directed to the City for issuance to the Contractor. STC will have no direct contact with the Contractor. This task excludes regularly scheduled construction observation.

Task 7. Deliverables

- *Pre-Construction Meeting Attendance, Written RFI Responses, Shop Drawing Review, and Final Record Drawings*

Task 8.0 Utility Coordination

STC will coordinate with utility companies to obtain as-builts for utility facilities within the project limits. The obtained utility information will be used to develop a utility base map and identify any utilities that may be impacted by the proposed construction. STC will create and maintain a utility contact matrix detailing contacts, issues, dates, and other pertinent information. STC will send the draft final plans to each utility company for conflict review.

Task 8. Deliverables

- *Atlas Maps (As Requested by City)*

Scope of Work: HSIPL-5430-040 (C08755)

This section summarizes STC's technical approach to successfully accomplishing the Scope of Work items presented in the RFP. Included are the key deliverables for providing the engineering services required by the City and value-added services to enhance the project scope.

Task 1.0 Project Management/ Administration

STC's Project Manager, Phil Kern, PE, will coordinate the day-to-day activities for the project's duration and serve as the primary point of contact. Following the Notice to Proceed (NTP), Mr. Kern will schedule a project kick-off meeting with City staff and the project team to discuss the project objectives, schedule, scope, and City policies and procedures.

Mr. Kern will coordinate progress meetings to discuss design development, staff comments on submittals, and action items. STC will prepare and email meeting agendas to City staff in advance of the meetings and email meeting minutes within five (5) days after each meeting. Mr. Kern will attend up to one (1) City Council meeting to support the project.

STC will submit a progress report with invoices to the City in an organized format and with sufficient detail and backup documentation to clearly identify personnel, hours worked, and tasks completed. STC will control all project documents and provide deliverables and final files to the City in hard-copy and electronic formats.

STC will maintain project files and data in an organized, logical fashion and will be able to promptly retrieve and distribute project information to the City in the event of an audit or PRA request for information.

Task 1 Deliverables:

- *Project Schedule and Updates*
- *Monthly Progress Reports*
- *Meeting Agendas and Minutes*

Task 2.0 Field Work/ Preliminary Plans/ Inventory/ Standards

Task 2.1 Field Work

The STC team will visit each project location to confirm existing conditions and collect relevant information. During field review, STC will evaluate each project location for compliance with the minimum safety standards as provided in the CA-MUTCD, Americans with Disabilities Act (ADA), and City Standards. The project locations will be observed, paying special attention to pedestrian activity, vehicle speed, safety concerns, site constraints, and opportunities. Detailed field notes and photos will record field conditions and be logged for reference. STC will complete City inventories as necessary.

Task 2.1 Key Deliverables:

- *Field Photos and Notes (As Requested)*

Task 2.2 Survey

ERSC will perform field survey of the project locations and determine existing conditions for base map and plan development. The topographic survey will include the two project locations shown in Attachment 4 of the HSIP application provided with the RFP. For new ADA ramps, the topographic survey will be collected 25' beyond ECR and BCR within the City's right-of-way and along the gutter line to the spandrel. For curb extensions, the topographic survey will be collected 25' beyond ECR and BCR within the City's right-of-way to the center of the road to ensure sufficient data is collected to tie in grades. During the field survey, observable utilities will be precisely located, and we will complement the field survey with utility as-built research. Existing right-of-way will be plotted from available mapping. Survey will be collected for two intersections.

Task 2.2 Deliverables

- *Mapping Base (.DWG format)*
- *Topographic Base (.DWG format)*
- *Surface File (.XML format)*

Task 2.3 Preliminary Plans

The STC Team will develop a preliminary design package, including plans and engineering cost estimates reflecting a 30% design level of effort for the construction of the mid-block crossing and traffic signal. For detailed plan development information, please refer to Task 4.1.

Task 2.3 Deliverables

- *30% Plans and Engineering Cost Estimate*

Task 3.0 Environmental Documentation

STC will prepare the required environmental documentation in compliance with Caltrans LAPM. State-funded projects do not trigger National Environmental Policy Act (NEPA) compliance, so a Preliminary Environmental Study (PES) submittal is not required. Local HSIP projects must meet the requirements of the California Environmental Quality Act (CEQA). The implementing agency is the lead agency under CEQA and is responsible for self-certifying CEQA compliance.

This project is anticipated to be categorically exempt from CEQA compliance. STC will prepare a Notice of Exemption (NOE) form provided by the State of California Governor's Office of Planning and Research (OPR). STC will submit it to the City for signature and submit it to the Riverside County Clerk for filing.

Task 3. Deliverables

- *CEQA NOE Form*

Task 4.0 Plans, Specifications, and Estimate (PS&E)

Task 4.1 Plans

STC will prepare plans for the improvements shown in Attachment 4 of the HSIP application provided with the RFP. Plans shall conform to the Cathedral City Standard Plans, AASHTO Greenbook, County of Riverside Standard Plans, and Caltrans Standard Plans as applicable. Plans will be prepared utilizing AutoCAD software.

All work identified in the plans will be approved and sealed by a professional Civil Engineer registered in the State of California.

Project Plans shall include:

- Title, General Notes, and Construction Detail Sheets.
- Civil Design Plans including removals, existing and proposed improvement, utility base mapping, etc. Where necessary, the plans shall define the limits of repair to pavement, curb, gutter, sidewalk, ADA upgrades, etc. The plans shall be at a horizontal scale of 1"=10' or 1"=20' as appropriate. The plans will include horizontal and vertical control of all existing and proposed median curbs, new curb ramps, centerline stationing, and depict existing utility locations as noted in the survey. Civil Design Plans to be prepared include Street Improvement Plans and Detail Sheet. Demolition limits, elevation information, and profiles will be shown on each improvement plan.
- Signing and Striping Plans at a horizontal scale of 1"=40'. Signing and striping plans shall be prepared to meet the latest edition of the CA MUCTD. The plans will include full geometry of the roadway and appropriate signing and striping improvements for the City's preferred location alternative. The plans will incorporate all aspects of existing and proposed signing and striping design. The striping limits are limited for each project location, and it is anticipated that four locations will be shown per plan sheet.
- Traffic Signal Plans at a horizontal scale of 1"=20'. The designs will be developed in accordance with Cathedral City Design Standards, Ordinances and Regulations, Caltrans Standard Plans and Specifications, and the CA MUTCD. Plans will include general notes, construction notes, phase diagrams, pole and equipment schedules, conduit and conductor schedules, and details for pole locations and foundations, pull boxes, conduits, and splicing. Other elements of design will include EVP systems, pole and mast-arm signage, APS and countdown signal heads, cabinets and controllers, and LED safety lighting. **The need for interconnect will be discussed with the City and included on the traffic signal design plans as necessary.**

The STC Team will submit plans to the City for review at the 90% and 100% completion levels.

Task 4.1 Deliverables

- *HSIPL-5430-040 (C08755): 1 Title Sheet, 1 Detail Sheet, 2 Civil Improvement Sheets (20 Scale), 2 Signing and Striping Sheets (40 Scale), and 2 Traffic Signal Sheets (20 Scale) [90% and 100% Levels of Completeness].*

Task 4.2 Specifications

STC will prepare project specifications utilizing the City's current boilerplate bid package, special provisions, and the latest editions of the AASHTO Greenbook for Public Works Construction, Caltrans specifications and City Standards.

Task 4.2 Deliverables

- *90% & 100% Bid Package in Word Format*

Task 4.3 Engineers Estimate

The STC Team will provide an itemized engineer's cost estimate at the 90% and 100% levels of design for all proposed improvements. The estimates will be detailed with unit prices and quantities for individual line items of work and specified equipment based on the historical cost index.

Task 4.3 Deliverables

- *90% and 100% Engineers Cost Estimate in Excel Format*

Task 5.0 Funding Allocation Request (Optional Task)

STC will prepare all necessary documents required for the Construction Funding Allocation Request (CON) in compliance with LAPM state-funded HISP project implementation procedures. STC understands that no right-of-way acquisition is anticipated for this project. STC will prepare LAPM's right-of-way certification form well before the construction funding allocation request submittal to avoid any setbacks. Any LAPM 14-D submitted to utility companies as part of Task 2 will be included in the right-of-way certification submittal to Caltrans. It is anticipated that the City will submit all LAPM forms prepared by STC to Caltrans District 8 DLAE.

Task 5. Deliverables

- *Request for Funding Allocation Form*
- *Approved CEQA Notice of Exemption Documents (Scope Task 3)*
- *Right-of-Way Certification*
- *State-Only Finance Letter for Construction*
- *Detailed Engineer's Cost Estimate for Construction Items*
- *Printout from List of Selected HSIP Projects Highlighting City's Project*

Task 6.0 Bidding Assistance

The STC Team will provide support during bidding. This work will include but is not limited to, attendance at the pre-bid meeting, responding to RFI during the project advertisement period, logging all questions and responses, and preparing addenda, as necessary. All communication will be directed to the City for issuance to bidders. STC will have no direct contact with any bidders. The City will be responsible for construction contract advertisement, award, and admin.

Task 6. Deliverables

- *Pre-Bid Meeting Attendance, Written RFI Responses, Addenda, Tabulated Response to RFI and Addenda*

Task 7.0 Construction Support/Signal Timing

The STC Team will provide construction support. This work will include, but is not limited to, responding to the Contractor's RFIs during construction, conferring with the City's CM regarding RFIs, reviewing shop drawings, and preparing final record drawings. This task excludes construction observation.

Task 7. Deliverables

- *Pre-Construction Meeting Attendance, Written RFI Responses, Shop Drawing Acceptance, and Final Record Drawings*
- *Signal Timing Sheets (Optional)*

Task 8.0 Utility Coordination

STC will coordinate with utility companies to obtain as-builts for utility facilities within the project limits. The obtained utility information will be used to develop a utility base map and identify any impacted utilities. STC will create and maintain a utility contact matrix detailing contacts, issues, dates, and other pertinent information. STC will send the draft final plans to each utility company for conflict review. During the detailed design phase of the project, STC will work with the City & Southern California Edison (SCE) to coordinate the location of the service points for the new traffic signals. STC will assist in initiating the service request to obtain the SCE work order map and their requirements prior to the bid phase.

Task 8. Deliverables

- *Atlas Maps (As Requested by City)*
- *SCE Service Request*

Scope of Work: HSIPL-5430-042

This section summarizes STC's technical approach to successfully accomplishing the Scope of Work items presented in the RFP. Included are the key deliverables for providing the engineering services required by the City and value-added services to enhance the project scope.

Task 1.0 Project Management/ Administration

STC's Project Manager, Phil Kern, PE, will coordinate the day-to-day activities for the project's duration and serve as the primary point of contact. Following the Notice to Proceed (NTP), Mr. Kern will schedule a project kick-off meeting with City staff and the project team to discuss the project objectives, schedule, scope, and City policies and procedures.

Mr. Kern will coordinate progress meetings to discuss design development, staff comments on submittals, and action items. STC will prepare and email meeting agendas to City staff in advance of the meetings and email meeting minutes within five (5) days after each meeting. Mr. Kern will attend up to one (1) City Council meeting to support the project.

STC will submit a progress report with invoices to the City in an organized format and with sufficient detail and backup documentation to clearly identify personnel, hours worked, and tasks completed. STC will control all project documents and provide deliverables and final files to the City in hard-copy and electronic formats.

STC will maintain project files and data in an organized, logical fashion and will be able to promptly retrieve and distribute project information to the City in the event of an audit or PRA request for information.

Task 1 Deliverables:

- *Project Schedule and Updates*
- *Monthly Progress Reports*
- *Meeting Agendas and Minutes*

Task 2.0 Field Work/ Preliminary Plans/ Inventory/ Standards

Task 2.1 Field Work

The STC team will visit each project location to confirm existing conditions and collect relevant information. During field review, STC will evaluate each project location for compliance with the minimum safety standards as provided in the CA-MUTCD, Americans with Disabilities Act (ADA), and City Standards. The project locations will be observed, paying special attention to pedestrian activity, vehicle speed, safety concerns, site constraints, and opportunities. Detailed field notes and photos will record field conditions and be logged for reference. STC will complete City inventories as necessary.

Task 2.1 Key Deliverables:

- *Field Photos and Notes (As Requested)*

Task 2.2 Survey

ERSC will perform field survey of the project locations and determine existing conditions for base map and plan development. The topographic survey will include each curb ramp shown in Attachment 4 of the HSIP application provided with the RFP.

For new ADA ramps, the topographic survey will be collected 25' beyond ECR and BCR within the City's right-of-way and along the gutter line to the spandrel. For curb extensions, the topographic survey will be collected 25' beyond ECR and BCR within the City's right-of-way to the center of the road to ensure sufficient data is collected to tie in grades. During the field survey, observable utilities will be precisely located, and we will complement the field survey with utility as-built research. Existing right-of-way will be plotted from available mapping. Survey will be collected for one intersection.

Task 2.2 Deliverables

- *Mapping Base (.DWG format)*
- *Topographic Base (.DWG format)*
- *Surface File (.XML format)*

Taks 2.3 Preliminary Plans

The STC Team will develop a preliminary design package, including plans and engineering cost estimates reflecting a 30% design level of effort for the construction of the mid-block crossing and traffic signal. For detailed plan development information, please refer to Task 4.1.

Task 2.3 Deliverables

- *30% Plans and Engineering Cost Estimate*

Task 3.0 Environmental Documentation

STC will prepare the required environmental documentation in compliance with Caltrans LAPM. State-funded projects do not trigger National Environmental Policy Act (NEPA) compliance, so a Preliminary Environmental Study (PES) submittal is not required. Local HSIP projects must meet the requirements of the California Environmental Quality Act (CEQA). The implementing agency is the lead agency under CEQA and is responsible for self-certifying CEQA compliance.

This project is anticipated to be categorically exempt from CEQA compliance. STC will prepare a Notice of Exemption (NOE) form provided by the State of California Governor's Office of Planning and Research (OPR). STC will submit it to the City for signature and submit it to the Riverside County Clerk for filing.

Task 3 Deliverables

- *CEQA NOE Form*

Task 4.0 Plans, Specifications, and Estimate (PS&E)

Task 4.1 Plans

STC will prepare plans for the improvements shown in Attachment 4 of the HSIP application provided with the RFP. Plans shall conform to the Cathedral City Standard Plans, AASHTO Greenbook, County of Riverside Standard Plans, and Caltrans Standard Plans as applicable. Plans will be prepared utilizing AutoCAD software.

All work identified in the plans will be approved and sealed by a professional Civil Engineer registered in the State of California.

Project Plans shall include:

- Title, General Notes, and Construction Detail Sheets.
- Civil Design Plans including removals, existing and proposed improvement, utility base mapping, etc. Where necessary, the plans shall define the limits of repair to pavement, curb, gutter, sidewalk, ADA upgrades, etc. The plans shall be at a horizontal scale of 1″=10′ or 1″=20′ as appropriate. The plans will include horizontal and vertical control of all existing and proposed median curbs, new curb ramps, centerline stationing, and depict existing utility locations as noted in the survey. Civil Design Plans to be prepared include Street Improvement Plans and Detail Sheet. Demolition limits, elevation information, and profiles will be shown on each improvement plan.
- Signing and Striping Plans at a horizontal scale of 1″=40′. Signing and striping plans shall be prepared to meet the latest edition of the CA MUCTD. The plans will include full geometry of the roadway and appropriate signing and striping improvements for the City's preferred location alternative. The plans will incorporate all aspects of existing and proposed signing and striping design. The striping limits are limited for each project location and it is anticipated that four locations will be shown per plan sheet.
- Street Light Plans at a horizontal scale of 1″=40′. The design will be developed in accordance with Cathedral City Design Standards, Ordinances and Regulations, Caltrans Standard Plans and Specifications, and the CA MUTCD. Plans will include general notes, construction notes, details for pole location, luminaire type, and service connection (*Cont.*)

  It is expected an existing service point will energize each new street light. Luminaire upgrades to LED will be identified on the signing and striping plans for locations where no new street light pole is needed.

The STC Team will submit plans to the City for review at the 90% and 100% completion levels.

Task 4.1 Deliverables

- *HSIPL-5430-042 (C08757): 1 Title Sheet, 1 Detail Sheet, 1 Civil Improvement Sheets (20 Scale), 1 Signing and Striping Sheets (40 Scale), and 1 Street Light Sheet (40 Scale) [90% and 100% Levels of Completeness].*

Task 4.2 Specifications

STC will prepare project specifications utilizing the City's current boilerplate bid package, special provisions, and the latest editions of the AASHTO Greenbook for Public Works Construction, Caltrans specifications and City Standards.

Task 4.2 Deliverables

- *90% and 100% Bid Package in Word Format*

Task 4.3 Engineers Estimate

The STC Team will provide an itemized engineer's cost estimate at the 90% and 100% levels of design for all proposed improvements. The estimates will be detailed with unit prices and quantities for individual line items of work and specified equipment based on the historical cost index. Cost estimate details, including items and descriptions, will be consistent with bid items and specification sections.

Task 4.3 Deliverables

- *90% and 100% Engineers Cost Estimate in Excel Format*

Task 5.0 Funding Allocation Request (Optional Task)

STC will prepare all necessary documents required for the Construction Funding Allocation Request (CON) in compliance with LAPM state-funded HISP project implementation procedures. STC understands that no right-of-way acquisition is anticipated for this project. STC will prepare LAPM's right-of-way certification form well before the construction funding allocation request submittal to avoid any setbacks. Any LAPM 14-D submitted to utility companies as part of Task 2 will be included in the right-of-way certification submittal to Caltrans. It is anticipated that the City will submit all LAPM forms prepared by STC to Caltrans District 8 DLAE.

Task 5. Deliverables

- *Request for Funding Allocation Form*
- *Approved CEQA Notice of Exemption Documents (Scope Task 3)*
- *Right-of-Way Certification*
- *State-only Finance Letter for Construction*
- *Detailed Engineer's Cost Estimate for Construction Items*
- *Printout from List of Selected HSIP Projects Highlighting City's Project*

Task 6.0 Bidding Assistance

The STC Team will provide support during bidding. This work will include but is not limited to, attendance at the pre-bid meeting, responding to Requests for Information (RFI) during the project advertisement period, logging all questions and responses, and preparing addenda, as necessary. All communication will be directed to the City for issuance to bidders. STC will have no direct contact with any bidders.

The City will be responsible for construction contract advertisement, award, and admin.

Task 6. Deliverables

- *Pre-bid Meeting Attendance, Written RFI Responses, Addenda, Tabulated Response to RFI and Addenda*

Task 7.0 Construction Support

The STC Team will provide construction support. This work will include, but is not limited to, responding to the Contractor's RFIs during construction, conferring with the City's Construction Manager regarding RFIs as appropriate, reviewing and approving shop drawings, and preparing final record drawings. All communication will be directed to the City for issuance to the Contractor. STC will have no direct contact with the Contractor. This task excludes regularly scheduled construction observation.

Task 7. Deliverables

- *Pre-Construction Meeting Attendance, Written RFI Responses, Shop Drawing Review, and Final Record Drawings*

Task 8.0 Utility Coordination

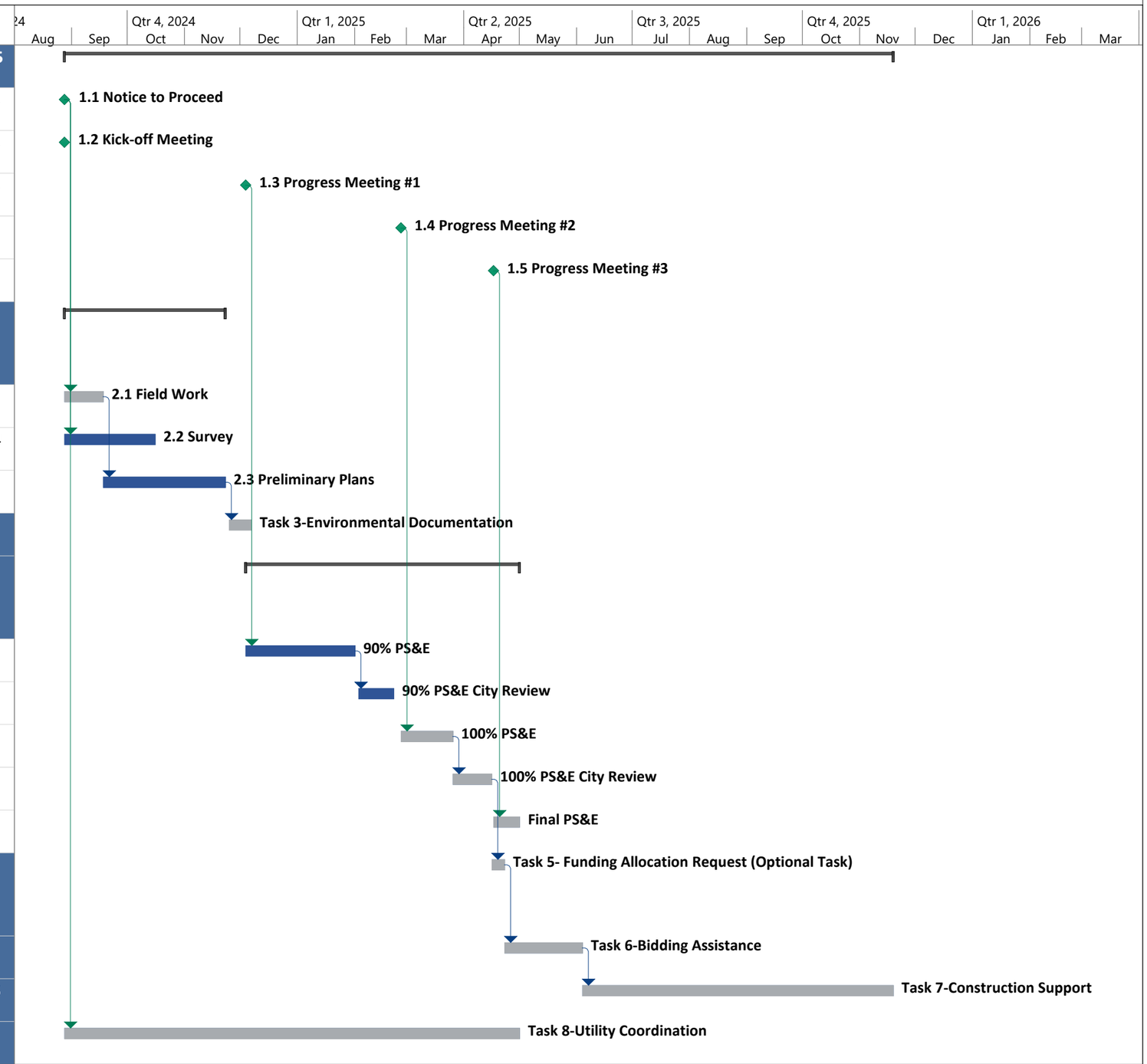
STC will coordinate with utility companies to obtain as-builts for utility facilities within the project limits. The obtained utility information will be used to develop a utility base map and identify any utilities that may be impacted by the proposed construction. STC will create and maintain a utility contact matrix detailing contacts, issues, dates, and other pertinent information. STC will send the draft final plans to each utility company for conflict review.

Task 8. Deliverables

- *Atlas Maps (As Requested by City)*

Project Schedule
HSIPL-5430-039 (C08754)

ID	Task Name	Duration	Start	Finish
1	**Task 1-Project Management and Meetings**	**320 days**	**Wed 8/28/24**	**Tue 11/18/25**
2	1.1 Notice to Proceed	0 days	Wed 8/28/24	Wed 8/28/24
3	1.2 Kick-off Meeting	0 days	Wed 8/28/24	Wed 8/28/24
4	1.3 Progress Meeting #1	0 days	Wed 12/4/24	Wed 12/4/24
5	1.4 Progress Meeting #2	0 days	Wed 2/26/25	Wed 2/26/25
6	1.5 Progress Meeting #3	0 days	Thu 4/17/25	Thu 4/17/25
7	**Task 2- Field Work/ Preliminary Plans/ Inventory/ Schedule**	**63 days**	**Wed 8/28/24**	**Fri 11/22/24**
8	2.1 Field Work	15 days	Wed 8/28/24	Tue 9/17/24
9	2.2 Survey	35 days	Wed 8/28/24	Tue 10/15/24
10	2.3 Preliminary Plans	48 days	Wed 9/18/24	Fri 11/22/24
11	**Task 3-Environmental Documentation**	10 days	Mon 11/25/24	Fri 12/6/24
12	**Task 4-Plans, Specifications, and Estimates (PS&E)**	106 days	Wed 12/4/24	Wed 4/30/25
13	90% PS&E	43 days	Wed 12/4/24	Fri 1/31/25
14	90% PS&E City Review	15 days	Mon 2/3/25	Fri 2/21/25
15	100% PS&E	20 days	Wed 2/26/25	Tue 3/25/25
16	100% PS&E City Review	15 days	Wed 3/26/25	Tue 4/15/25
17	Final PS&E	10 days	Thu 4/17/25	Wed 4/30/25
18	**Task 5- Funding Allocation Request (Optional Task)**	5 days	Wed 4/16/25	Tue 4/22/25
19	**Task 6-Bidding Assistance**	30 days	Wed 4/23/25	Tue 6/3/25
20	**Task 7-Construction Support**	120 days	Wed 6/4/25	Tue 11/18/25
21	**Task 8-Utility Coordination**	176 days	Wed 8/28/24	Wed 4/30/25

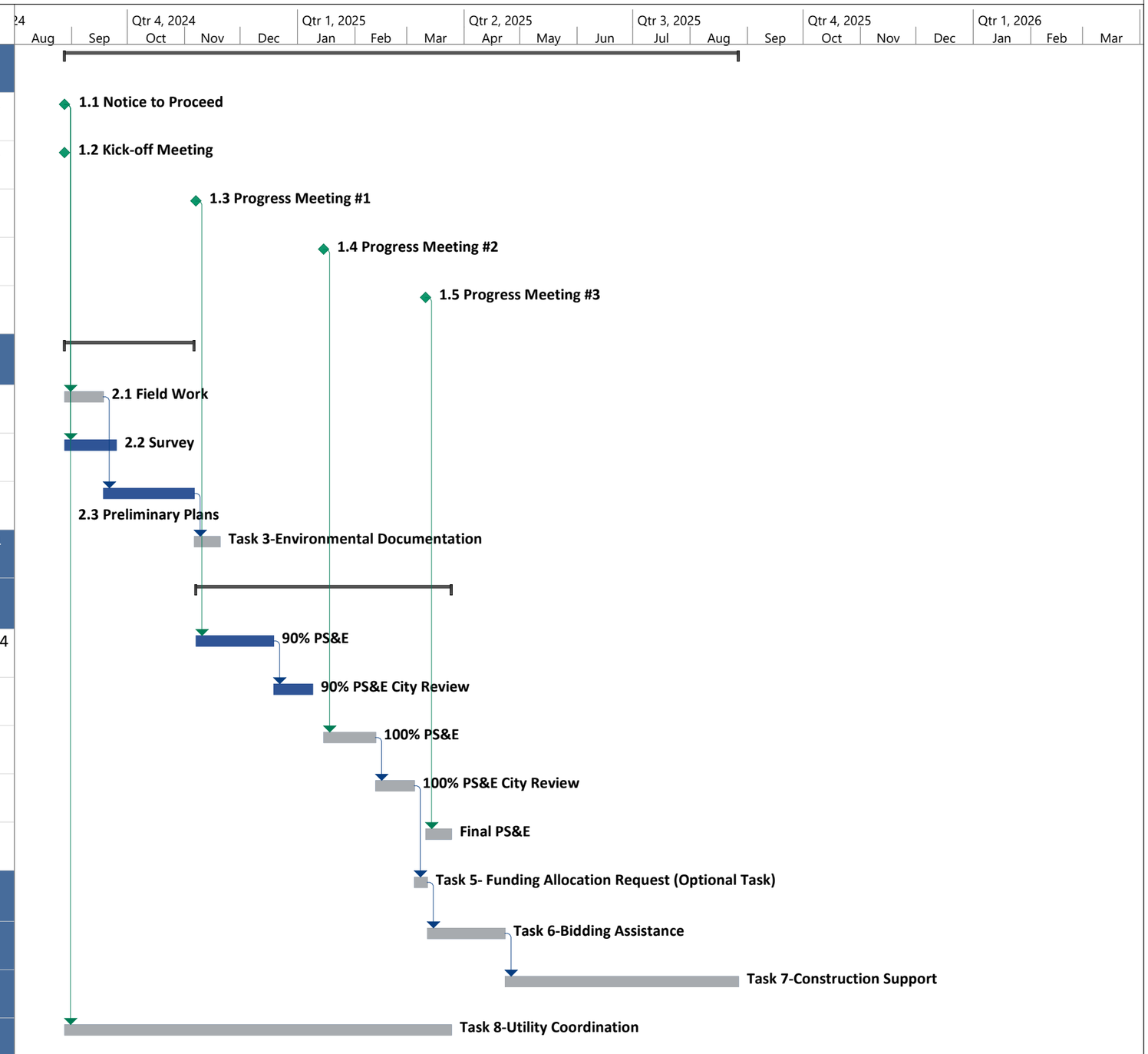


September 18, 2024

STC Task | City Task | Milestone | Summary

Project Schedule
HSIPL-5430-040 (C08755)

ID	Task Name	Duration	Start	Finish
1	**Task 1-Project Management and Meetings**	**260 days**	**Wed 8/28/24**	**Tue 8/26/25**
2	1.1 Notice to Proceed	0 days	Wed 8/28/24	Wed 8/28/24
3	1.2 Kick-off Meeting	0 days	Wed 8/28/24	Wed 8/28/24
4	1.3 Progress Meeting #1	0 days	Thu 11/7/24	Thu 11/7/24
5	1.4 Progress Meeting #2	0 days	Wed 1/15/25	Wed 1/15/25
6	1.5 Progress Meeting #3	0 days	Tue 3/11/25	Tue 3/11/25
7	**Task 2- Field Work/ Preliminary Plans/ Inventory/ Schedule**	**50 days**	**Wed 8/28/24**	**Tue 11/5/24**
8	2.1 Field Work	15 days	Wed 8/28/24	Tue 9/17/24
9	2.2 Survey	20 days	Wed 8/28/24	Tue 9/24/24
10	2.3 Preliminary Plans	35 days	Wed 9/18/24	Tue 11/5/24
11	**Task 3-Environmental Documentation**	10 days	Wed 11/6/24	Tue 11/19/24
12	**Task 4-Plans, Specifications, and Estimates (PS&E)**	98 days	Thu 11/7/24	Mon 3/24/25
13	90% PS&E	30 days	Thu 11/7/24	Wed 12/18/24
14	90% PS&E City Review	15 days	Thu 12/19/24	Wed 1/8/25
15	100% PS&E	20 days	Wed 1/15/25	Tue 2/11/25
16	100% PS&E City Review	15 days	Wed 2/12/25	Tue 3/4/25
17	Final PS&E	10 days	Tue 3/11/25	Mon 3/24/25
18	**Task 5- Funding Allocation Request (Optional Task)**	5 days	Wed 3/5/25	Tue 3/11/25
19	**Task 6-Bidding Assistance**	30 days	Wed 3/12/25	Tue 4/22/25
20	**Task 7-Construction Support**	90 days	Wed 4/23/25	Tue 8/26/25
21	**Task 8-Utility Coordination**	149 days	Wed 8/28/24	Mon 3/24/25

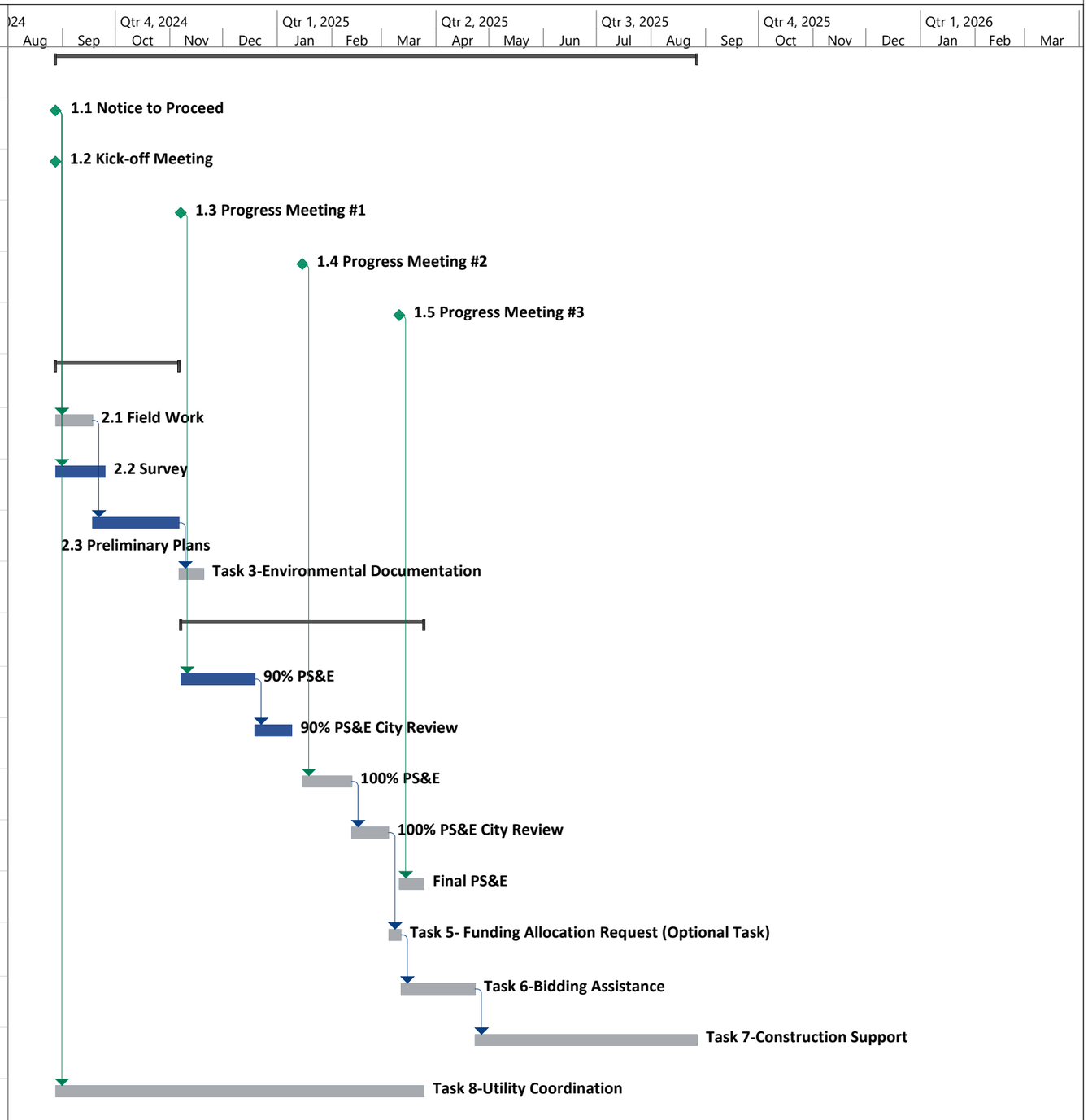


September 18, 2024

STC Task | City Task | Milestone | Summary

Project Schedule
HSIPL-5430-042 (C08757)

ID	Task Name	Duration	Start	Finish	Predecessors
1	**Task 1-Project Management and Meetings**	**260 days**	**Wed 8/28/24**	**Tue 8/26/25**	
2	1.1 Notice to Proceed	0 days	Wed 8/28/24	Wed 8/28/24	
3	1.2 Kick-off Meeting	0 days	Wed 8/28/24	Wed 8/28/24	
4	1.3 Progress Meeting #1	0 days	Thu 11/7/24	Thu 11/7/24	
5	1.4 Progress Meeting #2	0 days	Wed 1/15/25	Wed 1/15/25	
6	1.5 Progress Meeting #3	0 days	Tue 3/11/25	Tue 3/11/25	
7	**Task 2- Field Work/ Preliminary Plans/ Inventory/ Schedule**	**50 days**	**Wed 8/28/24**	**Tue 11/5/24**	
8	2.1 Field Work	15 days	Wed 8/28/24	Tue 9/17/24	2
9	2.2 Survey	20 days	Wed 8/28/24	Tue 9/24/24	2
10	2.3 Preliminary Plans	35 days	Wed 9/18/24	Tue 11/5/24	8
11	**Task 3-Environmental Documentation**	10 days	Wed 11/6/24	Tue 11/19/24	10
12	**Task 4-Plans, Specifications, and Estimates (PS&E)**	98 days	Thu 11/7/24	Mon 3/24/25	
13	90% PS&E	30 days	Thu 11/7/24	Wed 12/18/24	4
14	90% PS&E City Review	15 days	Thu 12/19/24	Wed 1/8/25	13
15	100% PS&E	20 days	Wed 1/15/25	Tue 2/11/25	5
16	100% PS&E City Review	15 days	Wed 2/12/25	Tue 3/4/25	15
17	Final PS&E	10 days	Tue 3/11/25	Mon 3/24/25	6
18	**Task 5- Funding Allocation Request (Optional Task)**	5 days	Wed 3/5/25	Tue 3/11/25	16
19	**Task 6-Bidding Assistance**	30 days	Wed 3/12/25	Tue 4/22/25	18
20	**Task 7-Construction Support**	90 days	Wed 4/23/25	Tue 8/26/25	19
21	**Task 8-Utility Coordination**	149 days	Wed 8/28/24	Mon 3/24/25	2

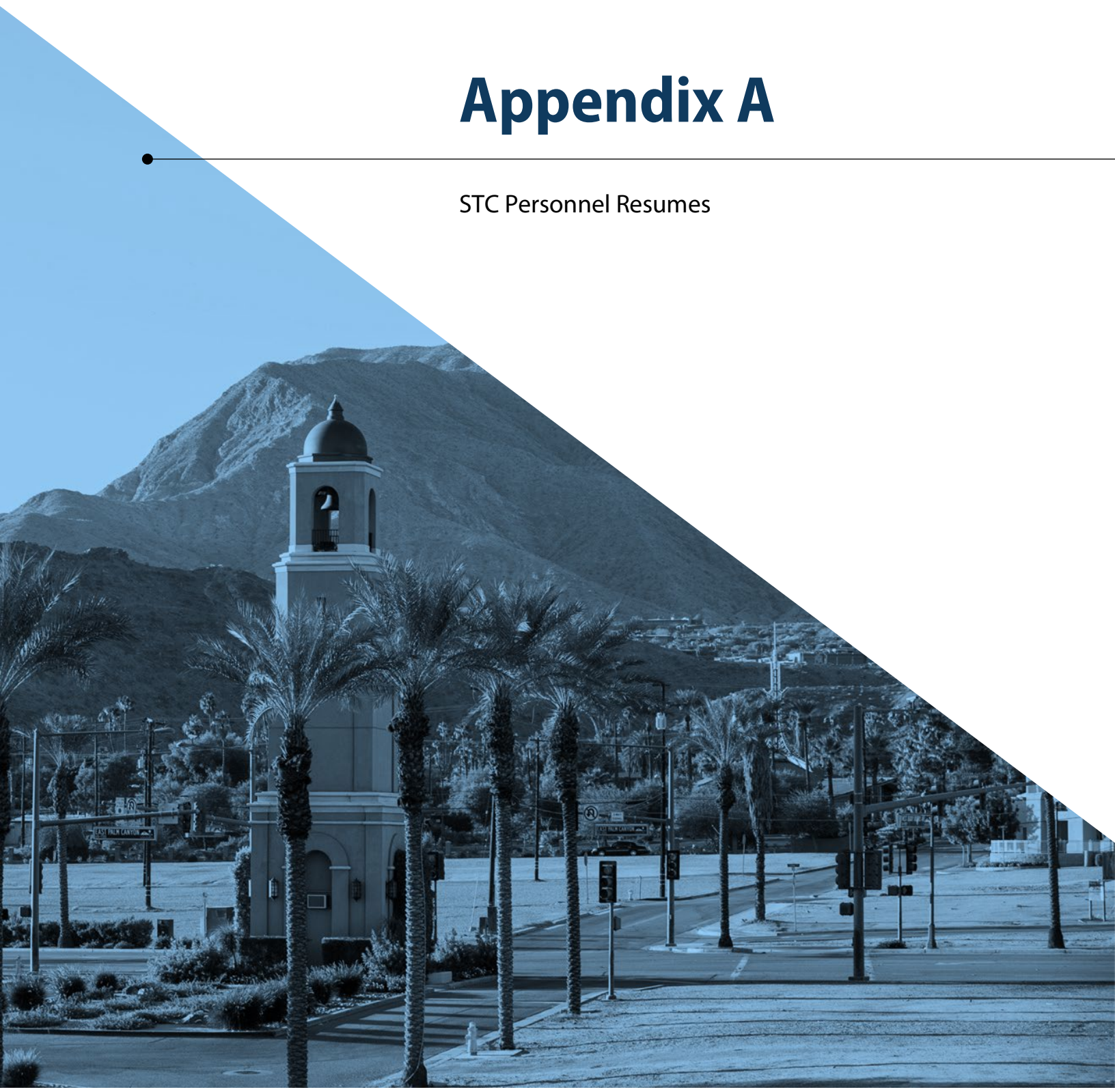


September 18, 2024

STC Task | City Task | Milestone | Summary

Appendix A

STC Personnel Resumes



PROJECT MANAGER

Phil Kern PE

Phil has over 37 years of experience in the planning, design, permitting, and construction support of a wide range of public works, transportation, infrastructure, and capital improvement projects for public agencies. The last 20 years of his career have focused on the design and delivery of capital projects through on-call contracts and serving as staff extension for public agencies. Phil leads civil engineering design for STC's on-call services contracts.

Years of Experience: 37

Education

B.S. Civil Engineering, San Diego State University, 1983

Professional Registrations

Professional Engineer (Civil) CA, #40831

Relevant Experience

City of Cathedral City, Ramon Road Signalized Pedestrian Crossing, 2022-Present

Principal Engineer. Cathedral City was awarded an HSIP Grant to construct a HAWK signal near the intersection of Ramon Road/ Avenida La Paloma. Under STC's recommendation, the City selected a standard pedestrian signal operations with 3-section signal heads and a staggered crosswalk. Phil provided review of civil elements of the project.

City of Banning, HSIP RRFB Design at Various Intersections, 2023-Present

Principal Manager. STC was selected to provide engineering design for implementation of Rectangular Rapid Flashing Beacons (RRFB) at four unsignalized intersections along Ramsey Street, one of the City's major east-west arterials that serves as an alternate route to Interstate 10. The project design also includes enhanced crosswalk striping, retroreflective signage, and ADA compliance pedestrian curb ramps. Phil oversaw survey coordination and preliminary and final design.

City of Poway, HSIP Poway Road Corridor Improvements, 2023-Present

Principal Manager. Project improvements include safety signage, installation or extension of medians, and traffic signal modifications to implement dilemma zone detection at five signalized intersections along the project corridor. Phil is responsible for coordination and development of PS&E for median improvements.

City of National City, Westside Mobility Improvements, 2016-2019

Project Manager. The project was part of the ATP for implementing pedestrian and bicycle improvements identified in the City's Westside Specific Area Plan, with emphasis on traffic calming and mobility. Phil oversaw all elements of design, which included: traffic signal modifications, roundabouts, new street lighting, reconfiguration of a two-way street to a one-way street, raised sidewalk and crosswalk along a walking route to school, Class II bike lanes, green bike boxes at signalized intersection, and enhanced crosswalks with curb extensions and high intensity signing and striping. The project was awarded the 2018 ASCE Award of Excellence in the Bikeways and Trails category.

City of La Mesa, Massachusetts Ave and Blackton Dr Pedestrian and Bike Improvements, 2019-2021

Project Manager. This regional ATP-funded project was meant to fill a gap in the City of La Mesa Bike Network by installing a northbound Class II bicycle lane on the east side of Massachusetts Avenue. It constructed new pedestrian ramps, a crosswalk, and medians. Project design and construction had to account for additional school traffic alongside normal pedestrian and bicycle traffic.

PRINCIPAL-IN-CHARGE

Jason Stack TE, PTOE

Jason is the founder of STC Traffic and has over 25 years of experience managing transportation planning, traffic engineering, and ITS projects for various agencies throughout the Inland Empire. He brings a holistic approach to transportation planning, addressing the physical, environmental, and mobility needs of communities, and combining his strong understanding of engineering fundamentals with operations expertise to provide creative solutions for municipal agencies. He is a recognized expert in highly specialized traffic signal operations, ITS design and integration, and signal timing planning.

Years of Experience: 25

Education

B.S. Civil Engineering, University of Massachusetts at Lowell

Professional Registrations

Professional Engineer (Traffic) CA, #2790

Professional Traffic Operations Engineer, USA, #4174

Relevant Experience

City of Cathedral City, LRSP and HSIP Grant Support, 2023-Present

Principal-In-Charge. Jason provided QA/QC oversight in development of the City's Local Roadway Safety Plan, which developed the priority projects that the City has successfully pursued for HSIP funding to implement. Jason also oversees all HSIP grant management, providing technical expertise for complex elements and long-range planning efforts, including for Cathedral City's Cycle 11 projects identified in this RFP.

City of Jurupa Valley, HSIP Citywide Traffic Signal Communications Upgrades, 2023-Present

Principal-In-Charge. STC helped prepare the HSIP grant that secured funding for citywide traffic signal system safety improvements through improved traffic signal interconnect and signal timing, coordination, and operation and upgraded traffic signal heads with retroreflective back plates. Jason is overseeing documentation and assessment of the existing traffic signal communications system, Caltrans processing, and development of PS&E.

City of Temecula, HSIP Fiber Optic Communications Upgrades and Implementation, 2022-Present

Principal-In-Charge. Jason oversaw development of the successfully awarded HSIP Cycle 11 grant applications that funded improvements including fiber and wireless traffic signal interconnect, state-of-the-art ATC control technology, new traffic signal coordination, safety lighting upgrades, traffic signal and pedestrian head visibility and upgrades, and signal rewiring. Jason led design and is currently overseeing implementation efforts.

City of Menifee, HSIP Citywide Traffic Signal Communications Upgrades, 2017-2020

Principal-In-Charge. The project involved citywide upgrades to the wireless interconnect system including radios, controllers, and related communication equipment to improve safety and operations via optimized traffic signal timing coordination. The project provided communication to all 62 signals in the City. Jason provided QA/QC oversight for PS&E and technical assistance, including development of controller timing sheets and Transparity coordination.

City of Encinitas, HSIP Z-Crosswalk for El Camino Real, 2017-2018

Principal-In-Charge. STC was tasked with designing a staggered crosswalk and pedestrian signal on El Camino Real, a prime arterial carrying six travel lanes and divided by a raised landscape median. The goal was to provide a safer pedestrian crossing to connect shopping centers. Jason provided QA/QC for the complex signal design and oversaw phasing and timing operations.

CONSTRUCTION MANAGER

Brett Hansen IMSA I

Brett leads STC's construction engineering and construction management support services. He is well-versed in standard specifications and plans required by government agencies, skilled in field analysis, and has expertise in electrical and communications systems. He supports HSIP projects by providing construction support, utility coordination, technical specifications and cost estimates for bid packages, and on-site integration support.

Years of Experience: 13

Education

B.S. Civil Engineering (mathematics minor), California State University, Chico, 2011

Certifications

IMSA Level 1 - Traffic Signal Field Technician

Corning Fiber Installation Certified

Relevant Experience

City of Cathedral City, Ramon Road Signalized Pedestrian Crossing, 2022-Present

Construction Manager. Cathedral City was awarded an HSIP Grant to construct a HAWK signal near the intersection of Ramon Road/ Avenida La Paloma, to address pedestrian and bicyclist collisions between Candlewood Drive and Shifting Sands Trail. Under STC's recommendation, the City selected a standard pedestrian signal operations with 3-section signal heads and a staggered crosswalk. Brett provided constructability review and Spec review and discussion for staging of work and working days

City of Hemet, HSIP Cycle 10 Citywide Traffic Signal Visibility Upgrades, 2023-Present

Construction Manager. The City was awarded an HSIP grant to upgrade existing backplates with retroreflective backplates at 40 signalized intersections throughout the City's major arterials. Brett has overseen field investigations, field inventory, and is providing bid and construction support.

City of Jurupa Valley, HSIP Cycle 10 Citywide Traffic Signal Coordination and Safety Upgrades, 2023-Present

Construction Manager. The project aims to implement citywide traffic signal system safety improvements through improved traffic signal interconnect and signal timing, coordination, and operation and upgraded traffic signal heads with retroreflective back plates. Brett developed preliminary cost estimates and will lead construction support services.

City of San Bernardino, HSIP Cycle 9 Signal Hardware Upgrades at 224 Signalized Intersections, 2022-2024

Construction Manager. Project will replace or install new equipment to the City's existing traffic signal system. Hardware upgrades include traffic signal heads, pedestrian signal heads, and pedestrian pushbuttons. Brett was responsible for construction support.

City of National City, HSIP Project Support Services, 2016-Present

Construction Manager/Senior Project Engineer. Brett supports various traffic engineering and construction management tasks for the City on an on-call basis. He conducts field reviews, utility coordination, prepares PS&E packages, and provides construction support and inspections for various HSIP projects. These projects include citywide traffic signal and pedestrian ADA improvements, pedestrian crossing enhancements, traffic signal communications upgrades, citywide LED safety lighting upgrades, and citywide protected left-turn enhancements.

Joseph has over 13 years of experience in traffic engineering design and lighting design for various public municipal projects. He is experienced in preparing PS&E for various traffic engineering and street lighting projects, including federally funded design projects. Joseph is IMSA Level II Certified and is experienced in implementing and integrating various traffic systems and operations projects including traffic signal timing, traffic signal equipment, street lighting, communications network, and ITS systems.

Years of Experience: 13

Education

B.S. Civil Engineering, San Diego State University, 2008

Certifications

IMSA Level 1 - Roadway Lighting Technician

IMSA Level 2 - Traffic Signal Field Technician

SENIOR PROJECT ENGINEER

Joseph Walters IMSA II

Relevant Experience

City of Cathedral City, Ramon Road Signalized Pedestrian Crossing, 2022-Present

Senior Project Engineer. Cathedral City was recently awarded a HSIP Grant to construct a HAWK signal near the intersection of Ramon Road/ Avenida La Paloma, to address pedestrian and bicyclist collisions between Candlewood Drive and Shifting Sands Trail. Under STC's recommendation, the City selected a standard pedestrian signal operations with 3-section signal heads and a staggered crosswalk. Joseph reviewed project specifications and is providing construction bid support.

City of Banning, HSIP RRFB Design at Various Intersections, 2023-Present

Senior Project Engineer. STC was selected to provide engineering design for implementation of Rectangular Rapid Flashing Beacons (RRFB) at four unsignalized intersections along Ramsey Street, one of the City's major east-west arterials that serves as an alternate route to Interstate 10. The project design also includes enhanced crosswalk striping, retroreflective signage, and ADA compliance pedestrian curb ramps. Joseph developed GIS utility base files and PS&E at 60%, 90%, and 100% submittal.

City of Jurupa Valley, HSIP Citywide Traffic Signal Communications Upgrades, 2023-Present

Senior Project Engineer. STC helped prepare the HSIP grant that secured funding for citywide traffic signal system safety improvements through improved traffic signal interconnect and signal timing, coordination, and operation and upgraded traffic signal heads with retro-reflective back plates. Joseph was responsible for PS&E review at 60% and 90% submittal.

City of Lake Elsinore, HSIP Traffic Signal Improvements, 2020

Senior Project Engineer. The goal of the project was to implement new dilemma zone detection systems and flashing beacon warning assemblies for eight signalized intersections. The project included adjusting plans to a new intersection as directed by the City. Joseph was responsible for developing specifications, completing PES forms and RFA forms for construction, and providing QA/QC for final PS&E.

City of Hemet, HSIP Traffic Signal Equipment Upgrades Project, 2020

Senior Project Engineer. Under a contract for on-call plan checking, STC was tasked with developing PS&E for signal equipment upgrades at 40 intersections prior to the grant construction RFA deadline. Equipment included LED safety lighting pedestrian countdown heads, APS push buttons, and 2070 controllers. Joseph was responsible for developing specifications for final submittal.

SYSTEMS ENGINEER

Alain Hungerford IMSA I

Alain has over 13 years of experience in providing support for ATMS/ITS deployments and continued operation for various agencies throughout North America. Working closely with City Engineers, he provides detailed information to assist in decision making while performing operational improvements. He actively monitors and operates several City TMCs from STC's office, providing support for both Central Systems and controller operations. Alain currently works in an on-call basis for agencies throughout the Inland Empire, providing support for traffic signal operations and signal systems, with specialized expertise in traffic management centers.

Years of Experience: 13

Certifications

IMSA Level 1 - Traffic Signal Field Technician

Relevant Experience

City of Temecula, HSIP Fiber Optic Communications System Upgrade Project, 2021-2022

Systems Engineer. The project was the first deployment of IP based communications in the City with many new state-of-the-art technologies and applications. Fiber capacity and network improvements were coordinated with the City's IT department to meet additional needs beyond traffic signal communication. Alain was responsible for developing base and coordinated signal timing, synchro model analysis, bench testing, deployment and fine-tuning of signal timing, and performance reporting.

City of Menifee, HSIP Citywide Traffic Signal Communication Upgrades, 2020-2021

Systems Engineer. STC prepared two successful HSIP Cycle 7 grant applications for installation of wireless interconnect systems on the City's East and West side, with related communication upgrades to improve safety and operations via optimized traffic signal coordination. Alain developed and tested controller timing and provided extensive onsite integration support. Alain assisted in the first-time conversion from the outdated 170 controller platform to the ATC platform with McCain's Omni controller software citywide.

City of National City, Sweetwater Road Bikeway, 2019-2020

Systems Engineer. STC was tasked to provide construction support services for traffic signal modifications and a HAWK signal associated with the Sweetwater Road bikeway improvements. Alain oversaw electrical systems inspection, development of signal timing and testing, verification of installed facilities, turn-on support for traffic and HAWK signal, and punchlist support.

City of Encinitas, HSIP N. Coast Highway Pedestrian Crossing Signals, 2021-2022

Systems Engineer. STC was tasked to provide electrical inspection and signal timing in support of two additional installations of Rapid Rectangular Flashing Beacons along Coast Highway 101. Alain oversaw signal timing development and bench testing.

City of National City, HSIP Citywide Traffic Signal and ADA Improvements, 2018-2019

Systems Engineer. STC prepared the HSIP application and designed the safety upgrades at nine intersections, which included installation of pedestrian crosswalk striping, ADA enhancements, and traffic signal equipment, including ADA-compliant pedestrian push buttons and upgraded controllers. Alain was responsible for controller programming and converting and testing signal timing.

PROJECT ENGINEER II

Gianluca Pesaresi EIT

Gianluca has over 7 years of experience in the fields of traffic engineering and traffic signal operations. Prior to joining STC, he served as a traffic engineering intern for the City of Encinitas, where he was primarily responsible for assisting with traffic calming measures in residential areas, reviewing traffic control plans, and working closely with citizens to resolve traffic-related issues. In his current role, Gianluca applies his experience and technical skills in traffic engineering design, data collection/analysis, graphics production, and before/after traffic analyses in support of municipal projects.

Years of Experience: 7

Education

B.S. Civil Engineering, San Diego State University, 2017

Professional Registrations

Engineer-In-Training (EIT), CA # 162712

Relevant Experience

City of Cathedral City, HSIP Ramon Road Signalized Pedestrian Crossing, 2020-Present

Project Engineer II. STC evaluated the optimal location and control type for the proposed mid-block pedestrian crossing, prompting the City to forgo a HAWK signal for a standard pedestrian signal crossing as the option that offered greater benefits. Gianluca supported the Basis of Design and memorandum for evaluating the optimal location, scope resubmittal to Caltrans, PS&E, and utility coordination.

City of Cathedral City, HSIP Citywide Traffic Signal Hardware Upgrades, 2024-Present

Project Engineer II. STC prepared the successful HSIP application and are currently developing PS&E for traffic signal hardware upgrades at 49 intersections, including retroreflective backplates, LED safety lighting, and IISNS. Gianluca assisted with grant preparation, field investigations, and preliminary engineering.

City of Jurupa Valley, HSIP Citywide Traffic Signal Coordination and Safety Upgrades, 2023-Present

Project Engineer III. Supported HSIP grant development for citywide traffic signal system safety improvements through improved traffic signal interconnect and signal timing, coordination, and operation, and upgraded traffic signal heads with retroreflective back plates. Gianluca conducted extensive field reviews and developed PS&E.

City of Poway, HSIP Poway Road Corridor Improvements, 2023-Present

Project Engineer II. Project improvements include safety signage, installation or extension of medians, and traffic signal modifications to implement dilemma zone detection at five signalized intersections along the project corridor. Gianluca conducted field reviews, developed exhibits for alternatives analysis, developed base work, and prepared PS&E for traffic signal and civil countermeasures.

City of National City, Mid-Block Pedestrian Crossings, 2019

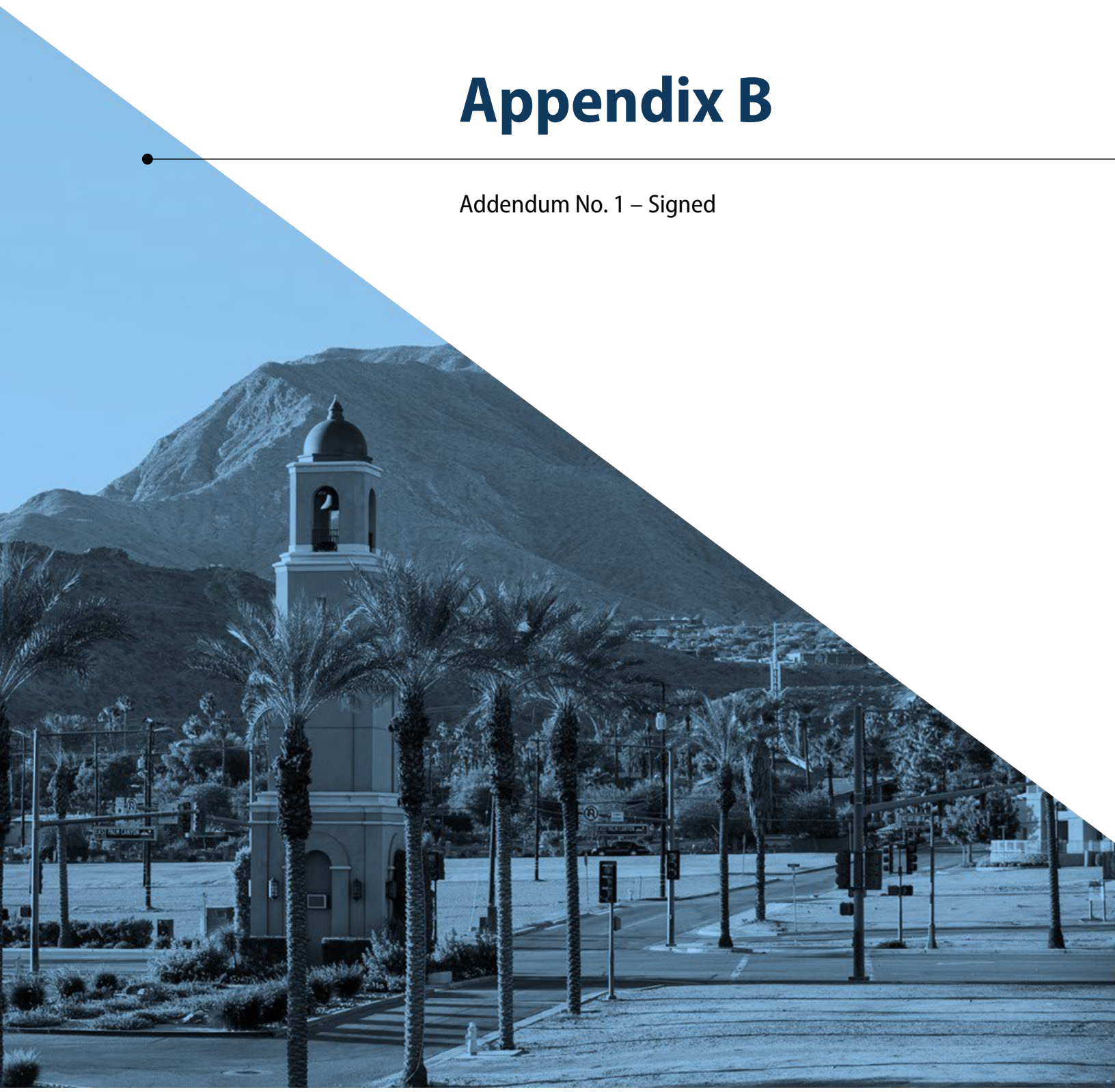
Project Engineer II. The project implemented pedestrian safety enhancements at six mid-block crosswalks and installed new LED fixtures at various intersections and crosswalks. Gianluca provided construction support and revised as-builts.

City of Carlsbad, Rectangular Rapid Flashing Beacons, 2019-2020

Project Engineer II. STC was tasked with the design of 16 pedestrian crosswalks utilizing solar-powered RRFB at various locations. Gianluca assisted with field investigations and development of PS&E for signing and striping and design of additional sidewalk at locations with substandard ADA clearance to allow an adequate path around the new assemblies.

Appendix B

Addendum No. 1 – Signed



Cathedral City

DATE: September 12, 2024

TO: All Prospective Bidders and Plan Holders

RE: **HSIP CYCLE 11 PROJECTS:**
HSIPL-5430-039 (C08754) - 18 Unsignalized Intersection Upgrades
HSIPL-5430-040 (C08755) - 2 Signalized Pedestrian Crossings
HSIPL-5430-042 (C08757) - 1 Pedestrian Crossing

ADDENDUM NUMBER 1

The following shall be considered as incorporated into the request for qualifications and proposals for the above referenced projects. Portions of Contract Documents not specifically mentioned in this Addendum remain in force.

Consultants are directed to make the following changes:

- **RFQ/P MODIFICATION - SUBMITTAL DATE**

  CLARIFICATION ON SUBMITTAL DEADLINE AND METHOD OF SUBMISSION

  Section VIII. SUBMITTAL PROCEDURES:
  - **The original paragraph stating:**

  "Submittals shall comply with all conditions, requirements and specifications contained herein, with any departure constituting sufficient cause for rejection of the proposal at the City's sole discretion. The submittal shall contain the name of this RFQ/P, consultant's name, address, and phone number. Respondents shall provide four (4) copies of the Work Proposal and one (1) sealed copy of the Cost Proposal.

  Faxed or emailed submittals will not be accepted. All proposal submittals shall be mailed or delivered and received by the City no later than September 11, 2024, at 11:00 am PDT, addressed as follows:

  Engineering Design Support Services
  HSIP Cycle 11 (C08754, C08755, C08757)
  Engineering Department
  City of Cathedral City
  68700 Avenida Lalo Guerrero
  Cathedral City, CA 92234"

  - **Is replaced with the following paragraph:**

  "Submittals shall comply with all conditions, requirements and specifications contained herein, with any departure constituting sufficient cause for rejection of the proposal at the City's sole discretion. The submittal shall contain the name of this RFQ/P, consultant's name, address, and phone number. Respondents shall provide four (4) copies of the Work Proposal and one (1) sealed copy of the Cost Proposal. **Additionally, submit ALL documents in one external, electronic data storage device such as a flash drive**

Faxed or emailed submittals will not be accepted. All proposal submittals shall be mailed or delivered and received by the City **no later than September 19, 2024, at 11:00 am PDT**, addressed as follows:

Engineering Design Support Services
HSIP Cycle 11 (C08754, C08755, C08757)
Engineering Department
City of Cathedral City
68700 Avenida Lalo Guerrero
Cathedral City, CA 92234"

- Additionally, the title page and section V. state "September 18, 2024, at 11:00 am" as the due date and time for submitting proposals. **Both sections should replace the due date and time to "September 19, 2024, at 11:00 am" and remain consistent with the changes made to Section VIII.**

- **RFQ/P MODIFICATION - SUBMITTAL FORMAT**

CLARIFICATION ON SUBMITTAL PAGE LIMIT AND FORMAT

Section IX. SUBMITTAL FORMAT:

- **The original paragraph stating:**

"Consultants are encouraged to keep their proposals brief and relevant to the specific work required. Proposals shall be limited to fifteen (15) pages total. The front and back covers, table of contents, and tab separators will not count as part of the page limit. Similarly, full resumes may be attached along with the client reference list and will not count as part of the limit."

- **Is replaced with the following paragraph:**

"Consultants are encouraged to keep their proposals brief and relevant to the specific work required. Proposals shall be **limited to twenty-five (25) pages total**. The front and back covers, table of contents, and tab separators will not count as part of the page limit. Similarly, full resumes may be attached along with the client reference list and will not count as part of the limit."

- **The original paragraph from sub-section A-iv stating:**

"Provide a description of the work objectives by task, sub-task, and deliverables that are anticipated to be provided."

- **Is replaced with the following paragraph:**

"Provide a description of the work objectives by task, sub-task, and deliverables that are anticipated to be provided, **separated by project**."

- **The original paragraph from sub-section A-v stating:**

"A comprehensive Gantt/Critical Path Method (CPM) schedule shall be submitted describing the activities."

- **Is replaced with the following paragraph:**

"A comprehensive Gantt/Critical Path Method (CPM) schedule shall be submitted **for each individual project,** describing the activities."

- **RFQ/P MODIFICATION - SCOPE OF SERVICES**

ADDITION OF TASK 7. UTILITY COORDINATION

Section III. SCOPE OF SERVICES:

- **The original section III. SCOPE OF SERVICES has a total of 6 tasks**

- **Section III: SCOPE OF SERVICES shall now have 7 tasks, with task 7 stating the following:**

"**7. Utility Coordination**

The consultant shall be responsible for coordinating schedules, meetings, field reviews, and work orders with Utility Companies that have jurisdiction of materials, equipment, or services that are expected to be modified or interrupted during the design or construction phase of a project. The consultant is expected to take preemptive measures to avoid delays of a project due to lack of coordination or communication with utility companies.

Deliverable(s): Authorization forms, Agreement forms, Utility work orders

- **RESPONSE TO QUESTIONS**

Refer to Response to Questions (Addendum #1, Attachment 1).

The Consultant is hereby notified; As stipulated under "Section IX. Submittal Format" of the RFP, Addendum No.1 must be acknowledged in the Work Proposal of the submitted Proposal Package. Failure to do so may result in the City designating said proposal as "Non-Responsive."

APPROVED:

Armando J. Garcia Baldizzone, P. E.
City Engineer

Attachments:

1. Response to Questions

END OF ADDENDUM NUMBER 1

Acknowledged: Jason Stack, TE, PTOE
President, STC Traffic, Inc.