



LANE ENGINEERS, INC.

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PROFESSIONAL CIVIL ENGINEERING AND LAND SURVEYING SERVICES PROPOSAL

Date: October 10, 2025
Client: City of Visalia
Project: Conyer Street Rehabilitation
Location: Conyer Street from Walnut to Main
Visalia, CA

INTRODUCTION

We appreciate the opportunity to submit this Design Services Proposal for the Conyer Street Pavement Rehabilitation Project in the City of Visalia. This project represents a meaningful opportunity for our team to bring our extensive experience and detailed civil design work to contribute to meeting the City's infrastructure goals while establishing a new, productive and long-term working relationship with the City of Visalia.

It has been several years since we have worked on our last City of Visalia capital improvement project, and we recognize the importance of making a strong and lasting impression. We understand the value that is added to a project by being responsive and paying attention to details. Understanding that clear and frequent communication is a core value for your department, we are committed to upholding that standard. Throughout the project you can expect constant communication, timely responses and transparency from our team. We are confident that this approach combined with the technical expertise of our team will result in a smooth project which will ultimately deliver a successful project to the City of Visalia and its residents.



PROJECT UNDERSTANDING

The proposed project will provide pavement rehabilitation and upgrades to pedestrian facilities along Conyer Street between Walnut Avenue and Main Street. Pavement rehabilitation work will include removing isolated areas of pavement failures (if they exist), pavement milling, pavement overlay, and applying a cape seal at a specific segment of Conyer Street. In addition to pavement rehabilitation, the project will also include design for PROWAG compliant pedestrian improvements along Conyer Street. These improvements include PROWAG compliant curb ramps, alley approaches and infilling of sidewalk gaps and/or removal and replacement of severely damaged and defective public improvements (i.e. curbs, curb/gutter, sidewalks) within the project area. The total scope of work including pavement rehabilitation for different segments of Conyer Street will be divided as follows:

- Conyer Street from Walnut Avenue to Tulare Avenue
 - Pavement rehabilitation will consist of a cape seal treatment only; the limits will be between the lips of gutters and will extend around curb returns to minor streets.
 - New striping and pavement markings. Installation of additional signage, if warranted.
 - Existing curb returns within this segment will be evaluated and redesigned to comply with current ADA, PROWAG and City of Visalia standards. The existing sidewalk within this segment will also be evaluated for accessibility compliance and will include design of concrete sidewalk at deficient areas and new sidewalk to infill the sidewalk gaps on only the east side of Conyer Street. Design of sidewalk infill on the west side of Conyer Street is not within the scope of this project.
 - Removal of existing SCE meter and reinstall on a pad mounted dual meter service pedestal at the intersection of Conyer Street and Walnut Avenue.
- Conyer Street from Tulare Avenue to Main Street
 - The pavement will be rehabilitated by milling the edges of the existing roadway and constructing an HMA overlay (estimated 0.17' to 0.20'). If there are areas that will result in excessively steep cross-slopes because of the overlay, the City of Visalia will be consulted to determine if the entire width of certain sections of Conyer should be milled. The City will also be consulted to determine widths for normal edge milling along the Conyer alignment.
 - Existing curb returns and alley approaches will be evaluated and redesigned to comply with current PROWAG and City of Visalia Standards.
 - Restriping of Conyer Street within the project boundary, and installation of any required signage (e.g. mid-block crosswalk) will be part of this project.
 - Upgrading a traffic signal at Main Street and Conyer Street to convert to video detection installation of new accessible pedestrian push buttons and installation of countdown pedestrian signal heads.

In all areas of the project, we will endeavor to limit the potential right-of-way impacts and come up with creative solutions. However, in all instances it may not be possible to design and install PROWAG compliant ramps within the existing right-of-way. In those specific instances, we will discuss options with the City of Visalia.

The overall limits and depiction of the scope of work is shown in Exhibit 'A'.



PROJECT TEAM

The design team, led by Lane Engineers, will provide general project management, coordination and quality control throughout the duration of the project. Lane Engineers will also provide land surveying services and civil engineering design services for the project. To support specialized aspects of the project, Lane Engineers will retain the following subconsultants.

- JLB Traffic Engineering, Inc. will provide design services to upgrade a traffic signal to a video detection system and emergency vehicle preemption at the intersection of Main St. and Conyer St., and will lead coordinate efforts with SCE to install a metered service pedestal for the existing traffic signal at the intersection of Conyer and Walnut.
- CTL-Krazan will take pavement cores to determine the existing thickness of HMA and AB, R-Value sampling and testing. along Conyer Street, and will provide a project specific report with recommendations for milling and overlaying along Conyer.
- Bedrock Engineering will provide utility locating services using ground penetrating radar, at the intersection of Conyer St. and Main St.
- KRC Safety will be retained by either CTL-Krazan or Lane Engineers, if required, to implement traffic control for the geotechnical field work.



PROJECT APPROACH

Lane Engineers will provide civil design and land surveying services for this project and will be supported by a team of qualified subconsultants to ensure successful project delivery. Our approach focuses on proactive communication, attention to detail, and responsiveness throughout all phases of the project.

Meetings & Project Management

JLB & Lane Engineers will meet in the field to review the scope of the project and make final determinations on the topographic survey, and utility locating needs.

Project Schedule

Prior to the initial kickoff meeting, we will develop a schedule noting major milestones and their approximate dates. The schedule will be further refined, if required, after meeting with the City and updated accordingly at each major milestone. A preliminary schedule is presented in this proposal.

Project Kickoff Meeting

We will begin the project with a kickoff meeting with City Staff and subconsultants to review the project scope, review objectives, identify any potential concerns or constraints, review and discuss timelines and deliverables at various stages of the project. Additionally we will review and discuss Consultant and City responsibilities, discuss format of drawings and specifications, and discuss data requests.

Geotechnical Report

The geotechnical consultant will be authorized to proceed with the taking pavement cores and R-value sampling and testing. A report will be prepared with recommendations for the mill and overlay. During the kickoff meeting, we will discuss with the City if there are any special considerations with respect to the location and timing of the work. Refer to Exhibit B for the planned testing locations.

Utility Locating

The utility locating service will be authorized to proceed with their work at this stage of the project. The utility locator will only be locating utilities at the intersection of Conyer & Main to mitigate the potential risk associated with a new pole foundation interfering with existing underground utilities. During the kickoff meeting, we will discuss with the City if there are any special considerations regarding the timing of the work.

Topographic Survey & Field Investigation

Lane Engineers will prepare a topographic survey within the project boundaries and topographic survey limits that will include existing curb ramps, alley approaches, utility features and sidewalks. A field walk has already been performed to gain an understanding of the project and existing curb ramps, sidewalks, etc. It is anticipated that additional field walks and supplemental topographic survey information will need to be gathered to support the design phase of the project. The limits of the topographic survey are depicted in Exhibit C and will include the following:

- Conyer from Walnut to Tulare: Survey will include limits of curb lines, signage, striping, pavement markings, manholes, valve boxes, monuments, etc. to determine the limits and area for a cape seal. Additional and more detailed topographic survey in Conyer from Walnut to Tulare to support detailed design for new PROWAG compliant ramps (approximately 28 ramps) and sidewalk evaluation and infill along the east side of Conyer.
- Conyer from Tulare to Main: Survey will include grades throughout to design for pavement milling and an HMA overlay, and redesign for new PROWAG compliant ramps (approximately 26 ramps), five alley approaches, and three City driveways.
- The intersection of Conyer Street and Tulare Avenue will be excluded as the ramps have been reconstructed in the current year (2025)



For the portion of the topographic survey between Tulare and Main, we will research existing utility maps, existing City drawings, and interpret paint markings and other USA markings to predict the approximate alignment and location of existing utilities within the public right-of-way. The existing utilities will be plotted on the topographic survey based on the data we gathered and based on the interpretation of said data and evidence in the field.

Construction Documents (Plans Specifications & Estimates)

The project team will prepare and provide progress plans, review and update project manual and cost estimates that reflect the work being done. The progress milestones for submittal of construction documents to the City will be 30%, 60%, 90% and 100%, and a Final Plan Set for bidding and construction. The design for the new concrete improvements (curb returns and sidewalk infill) between Walnut Avenue and Tulare Avenue will be shown on its own dedicated plan sheets. This will provide clarity and flexibility during the bidding process, allowing this portion of the work to be bid separately, if desired by the City. Additionally, this work will be listed under a separate Alternate Bid Schedule in the Project Bid Manual. It is expected that the plans will be prepared on the City of Visalia title block, and the City will provide us with the appropriate CAD files.

- **30% PS&E:** We will meet with City staff in-person, or via Teams to present, review and discuss the 30% plans which will consist of proposed locations for new poles for pedestrian push buttons, new signal equipment, re-designed curb, drive approach modifications, and alley modifications. We expect to be able to identify potential conflicts with utilities or right-of-way at this stage. We will also show proposed curb ramp locations and general configurations. A very high-level construction cost estimate will be prepared at this stage. The City, at their option, may retain the plans for further review and comment to provide one consolidated and non-conflicting set of review comments on the 30% drawings.
- **60% PS&E:** The 30% plan review comments from the City will be incorporated into the 60% drawing set. We will add to the existing plan set, the traffic signal modification plans which will show size of proposed conduit runs, pull boxes, splice vaults, cables, wiring, signal equipment and PROWAG compliant ramps. Traffic signal electrical sheets will show location of electrical pull boxes, traffic signal controllers, pedestrian push button poles, EVP equipment, EVP scheme, etc. The civil drawings will contain detailed grading at curb ramps, additional details, cross-sections, etc. We will prepare a more refined construction cost estimate and prepare a bid list/schedule and construction specifications and special provisions formatted according to the City of Visalia requirements. The 60% plans will be submitted to the City along with a consolidated response-to-comments for City review and comment. It is expected that the City will review provide a single consolidated and non-conflicting set of comments on the 60% PS&E.
- **90% PS&E:** The 60% plan review comments from the City will be incorporated in the 90% PS&E and any comments on the construction cost estimates, and other progress bid documents will be incorporated into the 90% drawing set. The 90% PS&E will be submitted to the City along with a consolidated response-to-comments for City review and comment. It is expected that the City will review provide a single consolidated and non-conflicting set of comments on the 60% PS&E.
- **100% PS&E:** The 90% plan review comments from the City will be incorporated into the 100% PS&E. The documents will be largely bid-ready at this point, but we will make a final submittal to allow one final opportunity to provide any final comments prior to preparing the project to go to bid. The 100% PS&E will be submitted to the City for review and comments. It is expected that the City will review and provided a single consolidated and non-conflicting set of comments on the 100% PS&E.



- Final PS&E: The 100% plan review comments from the City will be incorporated into the Final 100% PS&E. We will arrange a final Teams meeting with the City to review the final comments, go over recommendations, and discuss preparing the project for bid.

Right of Way Coordination & Support

We will provide right-of-way coordination and support to the City by providing a legal description and plat map for either an easement or right-of-way dedication if it is determined, along with the City, that certain corners at certain intersections require additional right-of-way to be able to construct PROWAG compliant improvements. Recognizing the cost and time required to obtain right-of-way, the design of the project will endeavor to minimize to the extent reasonable and feasible, the right-of-way impacts.

Bidding Services Assistance

At the City's option, we will provide assistance to the City during the bid process to help City staff respond to any questions, respond to requests for information (RFIs) and prepare any bid addenda, if required. We assume that the City will primarily take the lead and will only involve the design team on technical issues directly related to the design.

Construction Support Services

At the City's option, we will provide assistance to the City during the construction phase of the project to help City staff respond to any questions, any requests for information (RFIs) and for modification of the plans and/or preparation of change orders. It assumed that submittals will be reviewed and completed by City staff and the design team may assist from time-to-time. We assume the City will primarily take the lead on construction administration and will only involve the design team on technical issues directly related to the design.

At the completion of construction, as-built drawings will be prepared which will reflect contractor markups of any minor changes or deviations made in the field. The as-built drawings will be prepared in a format acceptable to the City.



PRELIMINARY SCHEDULE

We understand that the City wishes to move forward with the design of the project to have a bid ready set in approximately 12 months from authorization to proceed for the project. This schedule is based on the assumption that the City will promptly provide plan review comments during the different progress set submittals and when design direction or clarification is requested by the design team.

Milestone	Duration	Cumulative Duration	Approximate Start Date	Approximate End Date
City Council Approval	1 Day	1 Day	11/3/2025	11/3/2025
Project Meetings	1 Day	3 Weeks	11/24/2025	11/24/2025
Project Schedule	Ongoing	Ongoing	11/24/2025	Ongoing
Project Kickoff Meeting	1 Day	4 Weeks	12/1/2025	12/1/2025
Geotechnical Sampling & Testing	4 Weeks	6 Weeks	12/15/2025	1/12/2026
Utility Locating	1 Day	6 Weeks	12/15/2025	12/15/2025
Topographic Survey & Basemap	6 Weeks	12 Weeks	12/22/2025	2/2/2026
Right-of-Way Coordination & Support	Ongoing	Ongoing	2/2/2026	Ongoing
Prepare & Submit 30% PS&E	6 Weeks	18 Weeks	2/2/2026	3/16/2026
City Review & Comment	4 Weeks	22 Weeks	3/16/2026	4/13/2026
Prepare & Submit 60% PS&E	6 Weeks	28 Weeks	4/13/2026	5/25/2026
City Review & Comment	4 Weeks	32 Weeks	5/25/2026	6/22/2026
Prepare & Submit 90% PS&E	6 Weeks	38 Weeks	6/22/2026	8/3/2026
City Review & Comment	2 Weeks	40 Weeks	8/3/2026	8/17/2026
Prepare & Submit 100% PS&E	2 Weeks	42 Weeks	8/17/2026	8/31/2026
City Review & Comment	2 Weeks	44 Weeks	8/31/2026	9/14/2026
Prepare & Submit Final PS&E	2 Weeks	46 Weeks	9/14/2026	9/28/2026

Note: The preliminary schedule is intended to conservatively estimate a 1-year timeframe from City Council approval to bid-ready PS&E. The schedule is not exact and may be subject to change.



SCOPE OF SERVICES

The fee noted below includes services for the following items:

1) Project Management

- Conduct Field Review meeting with subconsultant JLB and with City of Visalia staff, if City staff desires to attend.
- Develop project schedule and update throughout the duration of the design process. An updated schedule will be provided to the City at the end of each month, beginning with the first full month of the project. Upon providing Final PS&E to the City of Visalia, we will no longer update the project schedule
- Project Kickoff Meeting with City of Visalia staff, Lane Engineers, and JLB to review City and Consultant responsibilities, review scope, schedule, discuss format of drawings and specifications, discuss data request (e.g. as-built drawings)
- Coordinate with City to verify dimension and limits of rehabilitated A.C. pavement, and limits of cape seal
- Coordination with Visalia Unified School District (VUSD) for improvements which may adjoining or be on VUSD property
- Coordination with utilities companies (e.g. Cal Water, SCE) to the extent the pavement rehabilitation and ramp improvements may affect boxes and manhole covers
- Coordinate with City to verify pavement rehabilitation details (i.e. milling depth and width, and overlay thickness)
- Provide overall project management and coordination with subconsultants, including communication with City of Visalia staff on challenges, progress and status of project, compilation of submittals of PS&E, review and distribution of comments from City staff to subconsultants

2) Geotechnical Report

- CTL-Krazan, as a subconsultant to Lane Engineers, will complete up to five testhole borings to determine the existing pavement section thickness at various location in Conyer Avenue. The holes created in the pavement will be backfilled and compacted with a concrete plug. The pavement cores will be taken within the traveled lanes of Conyer Street to minimize potential conflicts with existing utilities.
- CTL-Krazan will collect soil samples at the subgrade of each testhole for R-value testing.
- A brief report will be prepared reporting observations.
- A geotechnical report with recommendations for the pavement milling and HMA overlay is included within this scope of services.

3) Utility Locating

- Bedrock Engineering, as a subconsultant for Lane Engineers, will provide underground utility locating services at the intersection of Conyer and Main, to facilitate the design and installation of new accessible pedestrian signal (APS) push buttons.
- Bedrock will generate an 811 ticket and will search for and mark existing underground utilities using ground penetrating radar and/or electromagnetic pipe and cable locator at all four corners of the intersection from the lip of gutter to approximately 3' behind the back of sidewalk



4) Topographic Survey & Background Map

- The topographic survey will locate the visible physical features within the project limits such as buildings, fences, gates, vaults, trees, parking areas, pavements, quarter crowns, and ground elevations. Grades will be taken at approximately 50-foot cross sections, but additional measurements will be gathered as necessary to depict the existing improvements per the limits defined in the attached Exhibit 'C'.
- Topographic survey will include everything within the right of way, but additional detail will be gathered beyond the right of way around ramps and alleyways. Near ramps and alleyways the following will be located accurately: corners of utility boxes, corners of signal light base plates, and additional pavement elevations near lip of gutter.
- Horizontal datum will be California State Plane Coordinates, Zone 4 as established by the California Survey and Drafting Services real time network.
- Vertical datum will be NGVD 29 based on the nearest available City of Visalia Benchmark.
- Underground utilities locations such as gas, telephone, cable television, electric company, water, etc., are included in this proposal to the extent that they can be plotted from surface evidence and record drawings provided by the respective utility companies and/or Client. The cost of record drawings from the utility companies are included within the proposal.
- City and/or State right of way will be determined throughout project limits based on a combination of monuments located during field work, record maps, and other City provided information.
- Any storm drain that is located within topographic survey limits will be located and invert elevations will be measured for any inlets that will need to be relocated. Sewer manholes will be located, but no inverts will be measured.
- Some of the information for underground utilities within the site (such as utility depths and inverts) may not be accessible without potholing the utility and measuring depths and inverts of the exposed piping. If pot holing is necessary, outside sources will be required to excavate and expose utilities. This work, if required, will be billed on a time and materials basis per the attached fee schedule, or in accordance with a separate agreement.
- The drawing will be prepared in AutoCAD Civil 3D 2023 (R2018 .dwg format) at a suitable scale for design purposes. We will coordinate with the project team for desired sheet orientation and scale.

5) Civil Plans, Specifications & Estimates (PS&E)

- Evaluate condition of existing pavement slopes, condition of various curbs and gutters and make recommendations to City for removal and replacement.
- Prepare Civil Drawings and progress drawings at 30%, 60%, 90%, 100% and final completion. The Civil Drawings will include the following:
 - General Project Coversheet
 - City of Visalia General Notes
 - Demolition Plan Showing the extents of pavement milling and the extents of curb/gutter, ramp, and sidewalk removal to facilitate the construction of new improvements. Separate demolition plan sheets will be prepared for the ramps and concrete work along Conyer from Walnut to Tulare so they can be bid separately if desired by the City.
 - Conyer Street Rehabilitation Plans from Walnut to Tulare (Plan View Only).
 - The segment between Walnut Avenue to Tulare Avenue will receive a cape seal treatment. The plans will note the limits of the cape seal and will show how to deal with existing manhole covers, valve covers, and any other monuments (e.g. utility cover shields, or other methods acceptable to the City of Visalia), to protect them from the cape seal



- treatment. The plans will also call for raised pavement markers to be installed (to mark fire hydrant locations) per City Standard Specifications.
- Existing curb ramps and alley approaches within the segment between Walnut Avenue to Tulare Avenue will be evaluated and redesigned under scope item number 6.
 - Conyer Street Rehabilitation Plans from Tulare to Main (Plan View Only)
 - The segment between Tulare Avenue and Main Street will be rehabilitated by milling the edges of the existing asphalt roadway and overlaying with asphalt. The exact details, thickness and extents will be coordinated with the City of Visalia. The plans will call to raise valve boxes and manholes to grade as appropriate.
 - Existing curb ramps and alley approaches within the segment between Tulare Avenue and Main Street will be evaluated and redesigned to comply with current PROWAG and City of Visalia standards, excluding the intersection of Conyer and Tulare, for which new ramps are presently under construction as of the date of this proposal. It is anticipated that enlarged grading/drainage details will be shown at a drawing scale of 1" = 5'.
 - Cross Sections of roadways and pedestrian walkways at various locations as appropriate and to provide sufficient information and detail for construction
 - Pavement Delineation Plans & Signage Plan to replace, in kind, the former striping and pavement markings that will be covered up by pavement the cape seal and pavement overlay. We will identify areas where the former pavement striping and/or street signage may need to be modified, or where signage or striping was formerly missing.
 - The segment between Tulare Avenue and Main Street is designated a Class 2 Bike Route. This section will be restriped in kind to meet current City Standards for a Class 2 Bike Route.
 - The segment between Walnut Avenue and Tulare Avenue is designated as a proposed Class 3 Bike Route. This section will include striping and signage to meet current City Standards for a Class 3 Bike Route.
 - Project specific civil details
 - City of Visalia Standard Details
 - Revise Plans per City comments at the various stages (30%, 60%, 90%, 100%)
 - Coordinate with the City of Visalia to prepare Project Manual as follows:
 - Review and modifications of special provisions
 - Insert appropriate technical specifications
 - Prepare Bid Item Description
 - Prepare Bid Proposal (Bid Sheet) Form
 - Provide Engineer's Estimate
- 6) PS&E for Ramps & Sidewalk from Walnut to Tulare
- This item will include detailed design for sidewalks and new curb ramps, consistent with the scope of work presented in scope item #5 immediately above to include the following:
 - Enlarged grading/drainage improvement details to redesign new PROWAG compliant ramps within the segment between Walnut Avenue to Tulare Avenue (excluding redesign of curb returns at the intersection of Tulare Ave. & Conyer St which are presently under construction as of the date of this proposal. Also excluding redesign of curb returns at the intersection of Walnut



Avenue and Conyer St.) It is anticipated that enlarged grading/drainage details will be shown at a drawing scale of 1" = 5'.

- Plan view of new sidewalk to be constructed to infill sidewalk gaps on the east side of Conyer Street within the segment between Walnut Avenue to Tulare. Existing sidewalk on the east side of Conyer Street within this segment will be evaluated for ADA compliance. If portions of the sidewalk are found noncompliant, the sidewalks will be redesigned as necessary to meet ADA standards.

7) Traffic Signal Upgrade Plans, Specifications & Estimates (PS&E) at Conyer & Main

- JLB Traffic Engineering, as a subconsultant to Lane Engineers, will produce PS&E for upgrading the traffic signal at the intersection of Conyer & Main to include accessible pedestrian push buttons, video detection, emergency vehicle preemption, and countdown pedestrian signals. PS&E will be prepared at progress intervals of 30%, 60%, 90%, 100% and final for bidding and construction.
- The traffic signal sheets will consist of the following:
 - Location of electrical appurtenances such as pull boxes, traffic signal controllers, traffic signal poles, mast arms, vehicle signal heads, proposed location of EVP equipment on the mast arms along with EVP for each direction
 - Proposed emergency vehicle preemption scheme
 - Location of controller and service pedestal
 - Location of electrical point of service source
 - Location of conduits, pull boxes and splice vaults
- Revise Plans per City comments at the various stages of submittal.
- JLB will coordinate with Lane Engineers and City of Visalia to prepare traffic-related portions for incorporation into a Project Manual as follows:
 - Review of special provisions
 - Insert appropriate technical specifications
 - Prepare Bid Item Description
 - Prepare Bid Proposal (Bid Sheet) Form
 - Prepare Engineer's Estimate
- All specifications, bid information and cost estimates, including responses to plan review comments will be merged into a single concise document, as appropriate from the project team.

8) SCE Electrical Point of Service Plans, Specification & Estimates (PS&E) at Conyer & Walnut

- JLB Traffic Engineering, as a subconsultant to Lane Engineers, will produce PS&E for the installation of new dual meter service pedestal. JLB will attend a field meeting with SCE and the City of Visalia to discuss the modified electrical point of service and JLB will assist the City with responses to questions related to the SCE application.
- Revise Plans per City comments at the various stages of submittal.
- JLB will coordinate with Lane Engineers and City of Visalia to prepare electrical-related portions for incorporation into a Project Manual as follows:
 - Review of special provisions
 - Insert appropriate technical specifications
 - Prepare Bid Item Description
 - Prepare Bid Proposal (Bid Sheet) Form
 - Prepare Engineer's Estimate
- All specifications, bid information and cost estimates, including responses to plan review comments will be merged into a single concise document, as appropriate from the project team.



9) Tulare to Main Right of Way Support

- Provide legal description and exhibit for right of way acquisition if required because of proposed improvements.
- Fee includes preliminary title report for affected parcel, as required for approval by the City of Visalia.
- Fee includes a maximum of 10 legal description and exhibits. If less than 10 are required, fee will only be billed in proportion to the amount provided (\$2,200 per legal and exhibit).
- City will be responsible for all communication and coordinating signatures with landowners.

10) Walnut to Tulare Right of Way Support

- Provide Right of Way Acquisition services consistent with scope of work provided in scope item #9 immediately above for the segment of Conyer between Walnut and Tulare

11) Monument Preservation

- Locate and tie out all flush monuments to be destroyed during pavement rehabilitation on Conyer Street between Tulare Avenue and Main Street. Initial research indicates one flush monument at the intersection of Mineral King and Conyer.
- File corner records with the Tulare County Surveyor with ties taken preconstruction. Ties will be utilized that will survive construction and the replacement of the ramps.
- Construction surveyor will be responsible for utilizing corner records to re-establish monuments during construction phase.

12) Bidding Services Assistance (Optional)

- The City of Visalia will advertise and award the project. Lane Engineers will provide up to 30 hours and JLB will provide up to 10 hours to assist the City during bidding. If additional hours are needed, we will promptly notify the City. During the bidding process we will assist with the following
 - Attend pre-bid meeting with City (if required and if applicable)
 - Assist the City in preparing responses to questions and requests for information (RFIs) which are technical and related to the design.
 - Support the City's project manager by providing answers to questions and preparing documents for bid addenda, if required.

13) Additional Bidding Services Assistance (Optional)

- The bidding services for the additional design under scope item #6 intended to allot additional time to perform the same bidding assistance tasks but associated with the additional design tasks in this proposal.
- Under this scope item, Lane Engineers will provide up to an additional 30 hours of time of bidding assistance associated with the concrete work on Conyer between Walnut and Tulare



14) Construction Support Services (Optional)

- Lane Engineers will provide up to 115 hours of time and JLB will provide up to 10 hours of staff time to help answer questions related to technical design on the project. It is assumed the City of Visalia will primarily review submittals and handle any other administrative-related questions or issues that may arise. If additional hours are needed during construction, we will promptly notify the City. During construction, we will assist with the following
 - Attend Pre-construction meeting with Contractor and City (if required and if applicable)
 - Assist City in review submittals which propose a substitution of materials
 - Assist City with responses to RFIs and other contractor questions related to the design work
 - Assist City with change orders related to design work and review change order requests.
 - Site visits if necessary
 - Prepare “as-built” plans using contractor markups from the field. As-built plans will not be developed using survey data.

15) Additional Construction Support Services (Optional)

- The construction support services for the optional design is intended to allot additional time to perform the same construction support tasks but associated with the additional design tasks under scope item and #8 in this proposal.
- Under this scope item, Lane Engineers will provide up to an additional 115 hours of time to assist the City during construction for the concrete work on Conyer between Walnut and Tulare.



FEES

1) Project Management	\$20,200
2) Geotechnical Report	\$11,100*
3) Utility Locating	\$2,900*
4) Topographic Survey & Background Map.	\$65,200*
5) Civil Plans, Specifications & Estimates (PS&E)	\$163,800
6) PS&E for Ramps & Sidewalks from Walnut to Tulare.....	\$62,500
7) Traffic Signal Upgrade PS&E at Conyer & Main	\$22,300
8) SCE Electrical Point of Service PS&E at Conyer & Walnut	\$6,500
9) Tulare to Main Right of Way Support.....	NTE \$22,000
10) Walnut to Tulare Right of Way Support.....	NTE \$22,000
11) Monument Preservation	\$2,500
12) Bidding Services Assistance (Optional)	Hourly NTE \$6,900
13) Additional Bidding Services Assistance Associated (Optional)	Hourly NTE \$4,400
14) Construction Support Services (Optional)	Hourly NTE \$21,800
15) Additional Construction Support Services Associated (Optional)	Hourly NTE \$15,300

Total Maximum Fee Excluding Optional Services \$401,000

Total Maximum Fee Including Optional Services..... \$449,400

***Fee includes prevailing wage rates for field work as required by law and compliance reporting as required by Department of Industrial Relations.**



Items Excluded:

- Marking and/or Potholing of underground utilities (unless specifically noted within scope of services)
- Set/establish property corner monuments.
- Record of Survey
- Traffic Control Plans for Construction in City of Visalia or Caltrans Right-of-Way
- Encroachment Permitting with Caltrans
- Responding to or addressing comments from Caltrans
- Design of special structures
- Storm Water Pollution Prevention Plan (SWPPP)
- Dust Control Plan
- Traffic Impact Study
- Environmental Studies/reports
- Public Utility Plans
- Construction Surveying
- Agency Fees or application fees
- Any work not specifically noted in the scope of services

ADDITIONAL NOTES

- 1) The scope of professional services contained herein is based on a request for proposal (RFP) and subsequent meetings and call with the City of Visalia, and various information provided by City of Visalia staff.
- 2) We understand, based on a meeting with City of Visalia staff, that the limits of the design work being contemplated is fully within the right-of-way of the City of Visalia, and therefore encroachment permitting with Caltrans is excluded from the scope of this proposal.
- 3) All Drawings prepared by Lane Engineers, Inc. will be computer drafted using 2023 AutoCAD Civil 3D or later version (R2018.dwg format). Lane Engineers, Inc. drawings standards will be used.
- 4) The City of Visalia shall provide all available record improvement drawings of Conyer Street in the areas to be improved.
- 5) It is our understanding that the City of Visalia will prepare the portions of the project manual that are not mentioned in the scope of services, which include but are not limited to (cover page, table of contents, notice inviting bids, general provisions, miscellaneous forms, forms to be filled out by the bidding contractors).
- 6) CEQA processing will be completed by the City.
- 7) Fees for additional services, if required, will be based on the attached fee schedule.



LANE ENGINEERS, INC.

Civil • Structural • Surveying
979 North Blackstone Street
P.O. Box 1059
Tulare, CA 93275-1059
Phone: (559) 688-5263 / Fax: (559) 688-8893

CITY OF VISALIA RFQ NO. 24-25-29 FEE SCHEDULE EFFECTIVE FOR 1 YEAR FROM CONTRACT EXECUTION DATE

COURT APPEARANCE, DEPOSITIONS AND EXPERT TESTIMONY

Registered Engineer or Licensed Land Surveyor\$ 465.00

CIVIL ENGINEERING

Principal Civil Engineer.....\$ 245.00
Senior Civil Engineer.....\$ 221.00
Associate Civil Engineer.....\$ 201.00
Civil Engineer\$ 180.00

LAND SURVEYING

Principal Land Surveyor\$ 231.00
Senior Land Surveyor\$ 210.00
Associate Land Surveyor\$ 190.00
Land Surveyor\$ 171.00

STRUCTURAL ENGINEERING

Principal Structural Engineer.....\$ 249.00
Senior Structural Engineer.....\$ 228.00
Associate Structural Engineer.....\$ 206.00
Structural Engineer\$ 185.00

SUPPORT SERVICES

Assistant Engineer / Surveyor III.....\$ 160.00
Assistant Engineer / Surveyor II.....\$ 146.00
Assistant Engineer / Surveyor I.....\$ 130.00
Engineering / Surveying Technician III.....\$ 146.00
Engineering / Surveying Technician II.....\$ 137.00
Engineering / Surveying Technician I.....\$ 122.00
Engineering Aide.....\$ 88.00
1-Man Survey Crew.....\$ 245.00
2-Man Survey Crew.....\$ 345.00
Clerical.....\$ 109.00

REIMBURSABLES

20lb B&W Bond Prints (24" x 36"; 18" x 26").....\$ 2.45/per sheet (plus tax)
20lb B&W Bond Prints (30" x 42").....\$ 3.95/per sheet (plus tax)
Vellum B&W Prints (24" x 36"; 18" x 26").....\$ 7.55/per sheet (plus tax)
Vellum B&W Prints (30" x 42").....\$ 9.10/per sheet (plus tax)
Mylar B&W Prints (18 x 26).....\$ 11.40/per sheet (plus tax)
Mylar B&W Prints (24 x 36).....\$ 12.60/per sheet (plus tax)
Mylar B&W Prints (30 x 42).....\$ 18.15/per sheet (plus tax)
B&W Copies (8 ½" x 11").....\$ 0.36/per sheet (plus tax)
Color Copies (8 ½" x 11").....\$ 0.67/per sheet (plus tax)
B&W Copies (8 ½" x 14; 11" x 17").....\$ 0.52/per sheet (plus tax)
Color Copies (8 ½" x 14; 11" x 17").....\$ 1.05/per sheet (plus tax)
SubconsultantsCost + 15%
Other Direct Costs (i.e. Equipment Rental, Postage, and Shipping)Cost + 15%
* Equipment costs will be billed as a Reimbursable ExpenseCost + 15%

EXHIBIT 'A'

SCOPE OF WORK EXHIBIT



LEGEND

- CAPE SEAL REHABILITATION (±115,000 SF)
- GRINDING AND OVERLAY REHABILITATION (±172,200 SF)
- EVALUATE AND REDESIGN CURB RAMP DESIGN (TYP.) (5 ALLEY APPROACHES, 3 CITY DRIVE APPROACHES & 26 CURB RAMP)
- EVALUATE AND REDESIGN CURB RAMP DESIGN - ADDITIONAL ITEM (28 CURB RAMP)

CONYER STREET

NORTH



SCALE: 1" = 250'



LANE ENGINEERS, INC.
CIVIL • STRUCTURAL • SURVEYING
979 North Blackstone Street
Tulare, California 93274
559.688.5263
www.laneengineers.com

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Lane Project No: P25-122

EXHIBIT 'B'

BORING LOCATION EXHIBIT



LANE ENGINEERS, INC.
CIVIL • STRUCTURAL SURVEYING
979 North Blackstone Street
Tulare, California 93274
559.688.5263
www.laneengineers.com

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Lane Project No: P25-122



● BORING LOCATIONS

CONYER STREET

NORTH



SCALE: 1" = 500'

EXHIBIT 'C'

TOPOGRAPHIC SURVEY LIMITS



LANE ENGINEERS, INC.
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SEE LOWER LEFT



SEE UPPER RIGHT

CONYER STREET

NORTH



SCALE: 1" = 250'

Conyer St. Rehabilitation Project

Personnel	Principal Civil Engineer (Aaron Oliver \$245)	Civil Engineer (Jose Lemus \$180)	Assistant Engineer I (David Garcia \$130)	Principal Land Surveyor (Ben Mullins \$231)	2-Man Survey Crew (Dave Duffin & Brant Souza/Michael Sanchez \$345)	Surveyor III (Dave Duffin \$160)	Survey Tech I (Brant Souza/Michael Sanchez \$122)	Preliminary Title Report	CTL-Krazan	Bedrock Engineering	JLB Traffic Engineering	SUB TASK TOTAL	TASK TOTAL
Project Management													
Field Meeting with JLB	2.00	2.00	2.00									\$ 1,110.00	
Develop Schedule	2.00	4.00										\$ 1,210.00	
Kickoff Meeting with COV (Prepare & Minutes)	2.00	2.00	2.00									\$ 1,110.00	
General Coordination with City	2.00	12.00	4.00									\$ 3,170.00	
Coordination with VUSD	2.00	8.00										\$ 1,930.00	
Coordination with Cal Water	2.00	8.00	6.00									\$ 2,710.00	
Coordination with SCE, AT&T Etc.	2.00	8.00	6.00									\$ 2,710.00	
Overall Project Management	4.00	16.00										\$ 3,860.00	
Review City Documents (Plans, Specs, PROWAG)	2.00	6.00	6.00									\$ 2,350.00	
													\$ 20,160.00
Geotechnical Report									Lump Sum				\$11,100
Utility Locating at Conyer & Main										Lump Sum			\$ 2,900.00
Topographic Survey & Background Map													
Research Record Drawings							16.00					\$ 1,952.00	
Initial Monument Recon/Control/Bench loop					16.00							\$ 5,520.00	
Analyze and calculate R/Ws				24.00								\$ 5,544.00	
Topo Field Work					80.00							\$ 27,600.00	
Draft Topo (No paperspace)						24.00	112.00					\$ 17,504.00	
QA/QC Coordination				24.00								\$ 5,544.00	
Utility Plats (Direct Cost)												\$ 1,500.00	
													\$ 65,164.00
Civil plans, Specifications & Estimates (PS&E)													
Base Plan	2.00	20.00	36.00									\$ 8,770.00	
Phatch		8.00	18.00									\$ 3,780.00	
Sheet Set Manager		8.00	8.00									\$ 2,480.00	
Modify TIN Surface	1.00	12.00	16.00									\$ 4,485.00	
Demo Layers in Topo		12.00	24.00									\$ 5,280.00	
Title Block		2.00	2.00									\$ 620.00	
Evaluate exist. pavement, curb & gutter	4.00	6.00	6.00									\$ 2,840.00	
<i>Civil Drawings</i>												\$ -	
Coversheet		4.00	8.00									\$ 1,760.00	
COV General Notes		2.00	4.00									\$ 880.00	
Demolition Plan & Pavement Milling Plan	3.00	15.00	30.00									\$ 7,335.00	
Cape Seal Delineation & Dimension Plans	3.00	10.00	20.00									\$ 5,135.00	
<i>Improvement Plans (Tulare to Main)</i>												\$ -	
Evaluate and redesign 26 curb ramps	8.00	120.00	26.00									\$ 26,940.00	
Evaluate and redesign 5 alley approaches	3.00	20.00	10.00									\$ 5,635.00	
Evaluate and redesign 3 City drive approaches	2.00	11.00	6.00									\$ 3,250.00	
Pavement Overlay Plans	1.00	15.00	30.00									\$ 6,845.00	
2 Street X-Sections South of Tulare	1.00	8.00	4.00									\$ 2,205.00	
2 Street X Sections North of Tulare	1.00	8.00	4.00									\$ 2,205.00	
Pavement Delineations & Signage Plans	2.00	32.00	56.00									\$ 13,530.00	
Project specific civil details	2.00	24.00	16.00									\$ 6,890.00	
City of Visalia Standard Details	1.00	4.00	8.00									\$ 2,005.00	

Conyer St. Rehabilitation Project

Personnel	Principal Civil Engineer (Aaron Oliver \$245)	Civil Engineer (Jose Lemus \$180)	Assistant Engineer I (David Garcia \$130)	Principal Land Surveyor (Ben Mullins \$231)	2-Man Survey Crew (Dave Duffin & Brant Souza/Michael Sanchez \$345)	Surveyor III (Dave Duffin \$160)	Survey Tech I (Brant Souza/Michael Sanchez \$122)	Preliminary Title Report	CTL-Krazan	Bedrock Engineering	JLB Traffic Engineering	SUB TASK TOTAL	TASK TOTAL
<i>Revisions and Resubmittals</i>												\$ -	
30% QAQC	1.00	6.00	8.00									\$ 2,365.00	
30% Submittal		4.00										\$ 720.00	
30% Meeting	2.00	2.00										\$ 850.00	
30% Revise Per City Comments	1.00	8.00	8.00									\$ 2,725.00	
60% QAQC	4.00	8.00	16.00									\$ 4,500.00	
60% Submittal		2.00										\$ 360.00	
60% Meeting	2.00	2.00										\$ 850.00	
60% Revise Per City Comments	2.00	8.00	16.00									\$ 4,010.00	
90% QAQC	2.00	8.00	16.00									\$ 4,010.00	
90% Submittal		2.00										\$ 360.00	
90% Meeting	2.00	2.00										\$ 850.00	
90% Revise Per City Comments	2.00	8.00	16.00									\$ 4,010.00	
100% QAQC	1.00	4.00	8.00									\$ 2,005.00	
100% Submittal		2.00										\$ 360.00	
100% Meeting	1.00	2.00										\$ 605.00	
100% Revise Per City Comments	1.00	4.00	8.00									\$ 2,005.00	
Prepare Final PS&E	1.00	8.00										\$ 1,685.00	
Assemble City Std Specifications	1.00	4.00	8.00									\$ 2,005.00	
Prepare Special Provisions	1.00	18.00	8.00									\$ 4,525.00	
Estimate Quantities	1.00	8.00	16.00									\$ 3,765.00	
Prepare Bid Sheet	1.00	10.00	8.00									\$ 3,085.00	
Prepare Engineer's Estimate	1.00	8.00										\$ 1,685.00	
Coordination with JLB	3.00	16.00										\$ 3,615.00	
													\$ 163,820.00
PS&E for Ramps & Sidewalk from Walnut to Tulare													
Add Sidewalk infill to Plans (includes evaluating & redesign exist. sidewalk)	4.00	24.00	24.00									\$ 8,420.00	
Evaluate and redesign curb ramps (28)	8.00	124.00	31.00									\$ 28,310.00	
Prepare Engineer's Estimate	1.00	8.00										\$ 1,685.00	
Additional QAQC Time	6.00	24.00	48.00									\$ 12,030.00	
Additional Time to Revise Per City Comments	6.00	24.00	48.00									\$ 12,030.00	
													\$ 62,475.00
Traffic Signal Upgrade PS&E at Conyer & Main											Lump Sum		\$ 22,300.00
Electrical Point of Service PS&E at Conyer & Walnut											Lump Sum		\$ 6,500.00
Tulare to Main Right of Way Support				4.00		4.00		\$633 Lump Sum				\$ 2,197.00	
													\$ 21,970.00
Walnut to Tulare Right of Way Support (Optional)				4.00		4.00		\$633 Lump Sum				\$ 2,197.00	
													\$ 21,970.00

Conyer St. Rehabilitation Project

Personnel	Principal Civil Engineer (Aaron Oliver \$245)	Civil Engineer (Jose Lemus \$180)	Assistant Engineer I (David Garcia \$130)	Principal Land Surveyor (Ben Mullins \$231)	2-Man Survey Crew (Dave Duffin & Brant Souza/Michael Sanchez \$345)	Surveyor III (Dave Duffin \$160)	Survey Tech I (Brant Souza/Michael Sanchez \$122)	Preliminary Title Report	CTL-Krazan	Bedrock Engineering	JLB Traffic Engineering	SUB TASK TOTAL	TASK TOTAL
Tulare to Main Monument Preservation				4.00	2.00	6.00						\$ 2,574.00	
													\$ 2,574.00
Bidding Services Assistance (Optional)													
Attend Pre-bid meeting	2.00	2.00										\$ 850.00	
Assist with answering questions & RFIs	1.00	8.00	4.00									\$ 2,205.00	
Prepare documents for bid addenda	1.50	8.00	4.00									\$ 2,327.50	
JLB Bidding Support											Lump Sum	\$ 1,430.00	
													\$ 6,812.50
Additional Bidding Services Assistance (Optional)													
Attend Pre-bid meeting	2.00	2.00										\$ 850.00	
Assist with answering questions & RFIs	1.00	6.00	4.00									\$ 1,845.00	
Prepare documents for bid addenda	1.00	5.00	4.00									\$ 1,665.00	
													\$ 4,360.00
Construction Support Services													
Attend Pre-construction Meeting	2.00	2.00	2.00									\$ 1,110.00	
Respond to RFIs	1.00	20.00	10.00									\$ 5,145.00	
Assist with Change Orders	1.00	20.00	10.00									\$ 5,145.00	
Site Visits (3 max)	2.00	6.00	6.00									\$ 2,350.00	
Review Submittals	4.00	24.00	10.00									\$ 6,600.00	
JLB Construction Support											Lump Sum	\$ 1,430.00	
													\$ 21,780.00
Additional Construction Support Services (Optional)													
Respond to RFIs	2.00	2.00	2.00									\$ 1,110.00	
Assist with Change Orders	1.00	14.00	10.00									\$ 4,065.00	
Site Visits (3 max)	1.00	14.00	10.00									\$ 4,065.00	
Review Submittals	2.00	6.00	6.00									\$ 2,350.00	
	1.00	12.00	10.00									\$ 3,705.00	
													\$ 15,295.00
Total Hours	134.50	906.00	737.00	60.00	98.00	38.00	128.00					Total:	\$ 449,180.50
Labor Hourly Rate	\$ 245.00	\$ 180.00	\$ 130.00	\$ 231.00	\$ 345.00	\$ 160.00	\$ 122.00						