



City of Visalia

Shirk Street 100% Professional Engineering Services



Tuesday, July 13, 2026

City of Visalia

ATTN: Chris Crawford, PE, City Engineer
chris.crawford@visalia.gov
315 E. Acequia Avenue
Visalia, CA 93291

4Creeks, Inc.

324 S. Santa Fe Street
Visalia, CA 93292
(559) 802-3052



Tuesday, July 14, 2026

City of Visalia

ATTN: Chris Crawford, PE, City Engineer
chris.crawford@visalia.gov
315 E. Acequia Avenue
Visalia, CA 93291



City of Visalia

Shirk Street 100% Professional Engineering Services

Dear Mr. Crawford,

We have prepared a scope and fee for the services required to complete the proposed project design to widen Shirk Street from approximately 800 feet south of Walnut Avenue to Noble Avenue. 4Creeks is currently in the final stages of the 30% design phase for this project, and this proposal reflects our continued services to advance the design through 100% plans, specifications, and engineer's opinion of probable construction costs.

Building upon the work completed to date, our team will continue advancing the design by refining key elements, incorporating the remaining project components, and preparing a complete, coordinated set of construction documents suitable for bidding and construction as a City capital improvement project.

Our familiarity with the project corridor, existing conditions, and design considerations allows us to efficiently advance the work into final design while maintaining consistency, minimizing rework, and supporting the City's project goals.

We are committed to continuing our partnership with the City of Visalia and believe our team is well-positioned to successfully deliver the final design for the Shirk Street Widening Project.

Respectfully,

Jason Margraf, PE
**Principal Civil Engineer/
Residential Market Sector Lead**

Lisa Wallis-Dutra, PE, TE, PTOE, RSP1
**Principal Civil Engineer/
Traffic Engineer**

Matt Ainley, PE
Chief Executive Officer, 4Creeks

Project Understanding



Project Understanding

The Scope of Work outlined herein is based on conversations with City staff, our experience with the project to date, our experience delivering similar projects for the City of Visalia, and a review of available documentation. Building upon the ongoing 30% design effort currently being completed by 4Creeks, our team will continue coordinating with City staff to refine the project scope, as needed, and advance the project through final design and preparation of the required deliverables. Additionally, following project kickoff and throughout the design phase, we will notify the City if unexpected field conditions, encumbrances, or design requirements necessitate a change in scope. The general scope of work presented herein is for the completion of the 100% design for the Shirk Street Improvements between Walnut Avenue and the State Route 198 interchange.

For the purposes of design, we anticipate the southern project limit to be approximately 800 feet south of the Shirk Street/Walnut Avenue intersection, directly north of the Watson Ditch to allow for interim lane transitions until Shirk Street is widened south of Walnut Avenue and to avoid Watson Ditch improvements. The Shirk Street/Walnut Avenue intersection improvements are currently being designed by others. Therefore, the Shirk Street widening plans will tie into the anticipated northern curb returns of the planned Walnut Avenue intersection. The northern project limits are anticipated to tie into the State Route 198 ramp improvements, which will require coordination with existing conditions, varying cross-sectional widths, and consideration of future ultimate buildout for the full roadway section. 4Creeks will utilize a team of staff and subconsultants to perform the various components of this project. Jason Watts, PE will be the acting project manager and 4Creeks staff will coordinate with all team members to work concurrently, maintain the schedule, and ensure the project goals are achieved.

The scope of work will generally include the following:

- Continue development of the 30% design currently being completed by 4Creeks and advance it into a complete bid package.
- Prepare construction documents identifying existing improvements, improvements by others, and improvements to be constructed by the City.
- Finalize roadway widening design, including median improvements.
- Finalize turning pockets and intersection improvements along the corridor.
- Finalize pavement improvements based on geotechnical recommendations.
- Design frontage improvements, including curb and gutter, sidewalk, landscaping, and driveways.

- Develop signing and pavement delineation for the full-width configuration of Shirk Street.
- Finalize drainage improvements, including DI's, laterals, crossings, and storm drain infrastructure.
- Finalize design of the Persian Ditch crossing.
- Design street lighting and electrical components.
- Design underground traffic signal improvements at the Shirk Street/Tulare Avenue intersection for future signalization.
- Continue utility research, coordination, and relocation planning/coordination.
- Design signal interconnect conduit along Shirk Street between Walnut Avenue and the eastbound State Route 198 off-ramp.
- Design median landscaping and irrigation.
- Design interim roadway improvements south of Walnut Avenue approximately 800' to transition traffic to the existing roadway cross section.
- Provide off-site coordination with Caltrans and adjacent property owners and coordination with adjacent projects at Walnut Avenue and State Route 198.
- Provide bidding and construction assistance (optional).
- Provide federal funding support (optional).
- Prepare as-built plans (optional).

The following sections provide a detailed breakdown of the tasks required to advance the project from the current 30% design phase through final 100% plans, specifications, and engineer's opinion of probable construction costs.

Scope of Work



Scope of Work

4Creeks will provide comprehensive design services to support the successful delivery of this project, including preliminary engineering, right-of-way activities, utility relocation coordination, and final plans, specifications, and estimates (PS&E) for construction bidding. Our team is committed to maintaining clear communication and effective coordination with the City and third-party stakeholders throughout the process. The following tasks outline the specific services 4Creeks will provide to the City of Visalia.

Task 1: Project Initiation and Project Management

4Creeks will serve as the prime consultant, directing and coordinating the multidisciplinary design team throughout the project duration. The City of Visalia will be the Contract Administrator for the project. This task shall include the following:

- Provide overall project management, including leading, directing, coordinating, and monitoring the consultant team.
- Provide the City of Visalia with a list of designated consultant contacts.
- Conduct a site visit before the kickoff meeting to assess existing conditions along the project corridor.
- Develop a list of issues, questions, and coordination items for discussion at the project kick-off meeting.
- Identify improvements required to advance the current 30% design to a complete 100% design.
- Prepare and submit an initial project schedule and maintain the schedule throughout the design phase.
- Define the City's and Consultant's responsibilities and review scope and budget with the City.
- Schedule, prepare for, and lead the project kick-off meeting.
- Facilitate ongoing coordination with the City, subconsultants, utility providers, Caltrans, Persian Ditch Company, and other stakeholders, as needed.
- Plan, facilitate, and document project coordination and plan review meetings. The scope assumes an 18-month project duration and includes one (1) two-hour meeting per month, for a total of eighteen (18) meetings, made up of one (1) kickoff meeting and seventeen (17) coordination, status, and/or plan review meetings. Meetings may be held virtually or in person. Meetings exceeding the number or duration assumed herein will be considered additional services and may be provided on a time-and-materials basis upon authorization by the City.
- Prepare and distribute meeting agendas and meeting notes, including action items. Meeting notes will be distributed within three (3) working days following each meeting.
- Prepare and submit monthly invoices.

The above-described **Task 1** services will be provided for a **Fixed Fee of \$35,928**.

Task 2: Topographic Survey

4Creeks will coordinate right of entry with property owners and obtain the topographic information necessary to advance the roadway widening design. Building upon the survey information developed during the 30% design phase, 4Creeks will complete additional topographic field survey, with observable field information. Topographic survey services shall include the following:

- Additional topographic survey to augment the previously completed survey along the Shirk Street frontage, extending from approximately 800 feet south of Walnut Avenue to the State Route 198 interchange, as outlined in the attached limits of survey exhibit.
- Existing observable improvements outside of the right-of-way or directly adjacent thereto that may be affected by the project.
- Adjacent Ditches/Canals, Fields/Orchards, visible and at-grade existing irrigation, and Grass/Landscaped areas.
- Additional Front Yard areas on existing residences (assistance from the City staff to coordinate with homeowners)
- Tie into the City of Visalia benchmark system.
- Tie in adjacent centerline or property line monuments for baseline control of the site and rotate as necessary.
- Preparation of a topographic survey map. Property boundaries will be prepared based on record data and field monumentation.
- Title or agency documentation shall be provided by the City and/or agents.
- Survey of 811 marking and pothole locations

The above-described **Task 2** services shall be provided for a **Fixed Fee of \$15,818**. Any additional items requested, not specifically mentioned above, will be billed as "extra" on a time and materials basis.

Task 3: Right-of-Way Acquisition

For this project, 4Creeks has teamed with Bender Rosenthal Incorporated (BRI) to provide right-of-way acquisition services. BRI has successfully supported 4Creeks on numerous projects and brings extensive experience in appraisal, acquisition, and coordination services for public infrastructure improvements. It is anticipated that the Shirk Street Widening Project will impact approximately eight (8) parcels under four (4) unique ownerships along the corridor. Right-of-way requirements identified during the 30% design phase will be further refined as the design advances to 100%. BRI will provide project management, appraisal, acquisition, title and escrow coordination, and related right-of-way services in accordance with applicable State and Federal requirements, including Caltrans compliance requirements, if applicable. As part of this work, BRI will perform the following services:

Task 3a: Project Management

- Provide ongoing project management, coordination, and communication with 4Creeks and the City.
- Provide budget tracking, scheduling, progress reporting, quality assurance/quality control, and recommendations regarding right-of-way issues.
- Attend project meetings and provide updates on right-of-way progress.
- Deliverables: Bi-weekly status updates, coordination and progress reporting, and attendance at project meetings, as required.

Task 3b: Appraisal Services

- Develop appraisals of the estimated fair market value of the property rights to be acquired, including temporary construction easements.
- Notify property owners and coordinate property inspections.
- Research subject properties and comparable market data.
- Prepare narrative appraisal reports in accordance with the Uniform Standards of Professional Appraisal Practice (USPAP), the Code of Professional Ethics and Standards of Professional Practice of the Appraisal Institute, and applicable State and Federal requirements.
- Deliverables: Four (4) electronic appraisal reports for the unique ownerships associated with the eight (8) impacted parcels, compliant with applicable State and Federal standards.

Task 3c: Appraisal Review Services

- If required, BRI will coordinate with Chapman & Patton to perform independent appraisal reviews.
- Prepare review reports in accordance with USPAP Standards 3 and 4.
- Forward appraisal review documentation to the City for approval of Just Compensation.
- Deliverables: Four (4) Independent Appraisal Review Certificates associated with the appraisal reports prepared for the impacted parcels, if required.

Task 3d: Acquisition Services

- Upon completion of the appraisals and establishment of Just Compensation, prepare acquisition documents and offer packages.
- Provide required notices to property owners.
- Conduct negotiations with property owners until acceptance or impasse is reached.
- Maintain records of correspondence and acquisition progress.
- Prepare final parcel files to ensure compliance with applicable State and Federal requirements.
- Deliverables: Acquisition of temporary and permanent property rights from four (4) ownerships, including completed acquisition documentation for each negotiation, acquisition, and project settlement.

Task 3e: Title and Escrow Services

- Coordinate with title and escrow companies.
- Review documents for submission to escrow companies.
- Review title reports and escrow documents and ensure proper conveyance of property rights.
- Apply experience to validate the project acquires good title and property rights necessary for completion.
- Coordinate filing of applicable forms and documents with the County Assessor's office.
- Deliverables: Four (4) Preliminary Title Reports, one (1) for each ownership, and completed title and escrow coordination services for four (4) ownerships.

Task 3f: Caltrans Right-of-Way Certification (Optional)

- If required, coordinate with Caltrans District 6 to provide documentation necessary for preparation of draft and final Right-of-Way Certification Document 13-B at Certification Level 1 or 2.

- Deliverables: One (1) draft and one (1) final Right-of-Way Certification Document 13-B at Certification Level 1 or 2, if required.

Eminent domain services are not included in this scope but can be provided, if necessary, under a separate agreement. Formal right-of-way acquisition services, including appraisals, negotiations, and escrow services, will be performed by Bender Rosenthal, Inc. as part of the 4Creeks team. If requested by the City, Appraisal Review services and Right-of-Way Certification services can be added under a separate fee.

The above-described **Task 3** services shall be provided for a **Fixed Fee of \$71,920 (\$74,221 with optional Task 3f)**.

Task 4: Right-of-Way Support (Time and Materials)

Right-of-way support services will be provided by 4Creeks to assist in the development of right-of-way documents and to support the acquisition process led by Bender Rosenthal, Inc. It is assumed that the project will impact approximately eight (8) parcels along the Shirk Street corridor. Based on this assumption, the following services will be provided:

- Prepare legal descriptions and perform research for right-of-way acquisition areas.
- Provide right-of-way staking to support acquisition and design verification.
- Review Preliminary Title Reports (PTRs) as needed to confirm existing rights-of-way, easements, and property ownership.

The above-described **Task 4** services shall be provided on a **Time and Materials Basis for an estimated fee of \$18,170**.

Task 5: Construction Plans, Specifications, and Cost Estimates

Under this task, the 4Creeks Team will provide services necessary to complete the project design in accordance with the goals and objectives stated in this proposal. The 4Creeks Team shall also continue to coordinate with utility companies as needed for design. The 4Creeks Team will submit contract documents to the City for review at the 60%, 90%, and 100% stages of completion. The City is anticipated to provide a consolidated set of review comments at each submittal stage. The 4Creeks Team will revise the PS&E documents in accordance with applicable City comments. This task shall include the following services:

- The plan set will be prepared in accordance with City of Visalia standard plans and specifications, as well as designed to conform to current State and Federal regulations. Improvement plans will be generated on 22"x34" plan sheets.
- The topographic survey shall be shown faded in the background within the improvement plans, as appropriate.
- Where underground piping is constructed, plan and profile views of the piping shall be shown on the same drawing. We will provide profiles on the street improvement design sheets, but profiles will not be included on street light and fiber optic interconnect plan sheets.
- Drawing page numbers will vary by discipline (C1 for Civil, L1 for Landscape, and so on), but there will be an overall sheet count in the border that consecutively shows all drawing page numbers 1, 2, 3, etc.
- Plan text shall be readable when the plans are reduced to 50% of their original size.
- City and Caltrans standard plans referenced shall be included on the detail sheets in the plans.
- Pedestrian path and facilities shall comply with current ADA regulations regarding slopes and minimum clearances.
- CAD drawings will be developed in accordance with City of Visalia standards, found on the City website:
- http://www.ci.visalia.ca.us/depts/community_development/engineering/survey_cadd.asp with the exception that descriptions in the Layer Properties Manager description column and a description list for each layer are not required.
- Additionally, CAD drawings will be developed utilizing Autodesk Civil 3D 2023 or a later compatible version.
- Complete improvement plans and construction details for City review and comment.
- Civil Engineering plans shall show and be based on stationing along the street centerline and based on the 30% Improvement Plans for all horizontal and road cross sectional information. It is understood that the future Class 1 trail, along the western edge of the street cross section will not be a portion of this project and will be designed by others with the future development of parcels west of Shirk. The shared use path along the eastern edge of the street cross section shall be designed. Grading transitions, demolition, relocations and utilities, may extend west of the top of curb and will be a portion of the final design. The plans shall include, but not be limited to, the following sheets:
 - Cover Sheet – Shall include general notes, legend abbreviations, project title, project benchmark used and its location, sheet index, overall project map with sheet limits shown, vicinity map, utility company contacts, applicable permits, and other items as determined by the City.

- Topographic Survey – The survey plans shall show existing topographic survey information, and text shall be legible, plan readable, and at the appropriate scale. Plans shall show boundary and survey control information.
- Demolition Plans – Show existing features or objects to be removed. These sheets will show existing topographic survey information, and text shall be legible, plan readable, and at the appropriate scale.
- Utility Sheets – These plan sheets shall show existing utilities as identified through utility plats and information from boring and potholing performed during the 30% design. Sheets shall identify utility improvements to be removed or relocated. 4Creeks will take the lead in coordinating utility relocations as needed. Relocations and any new information will need to be incorporated into the utility sheets as coordination takes place throughout design.
- Civil Plan Sheets – These sheets shall show proposed improvements. The existing topographic survey information shall be faded in the background of the plans and shall be readable, as appropriate. Civil Plan Sheets shall include the following items:
 - Stationing, offsets, invert elevations for proposed manholes, storm and sewer structures, stubs, pipes, concrete improvements, etc.
 - Pipe type, size, slope, and segment length.
 - Profiles of proposed and existing pipelines and structures. Profiles shall be on the same sheet as plan views.
 - Removal and replacement information for all affected improvements.
 - Full-width improvements for Shirk Street, as established in the 30% design phase, including curb returns with ADA-compliant ramps and transitions to adjacent properties.
 - Horizontal and vertical design of proposed improvements.
 - Typical cross sections as appropriate, or as approved by the City of Visalia.
 - The grading "match line" is to be shown in fill and cut areas, with match grades.
 - Locations of utilities to be relocated (if any).
 - Hatching patterns to properly define construction.
 - Dimensions, where necessary.
 - Construction keynotes to direct construction activities on the same sheet.
 - Sheet match lines with station and sheet references listed.
- Drainage Design – 4Creeks shall develop the roadway drainage plan. Drainage plan sheets shall show drainage systems design and shall include inlet locations with station/offset, pipe layouts, and size.
- Street Cross Sections – Cross sections shall show dimensions of proposed and existing improvements, right-of-way location, and typical pavement sections.
- Sign, Striping, and Markings Plans – 4Creeks will prepare Signing, Striping, and Markings Plans within the project boundary. The plans will show items to be removed, reused/relocated, or installed (new). Layout of items will include dimensions/distances to clearly define the construction to the contractor. The plans shall be in compliance with the California Manual on Uniform Traffic Control Devices (most recently revised version at the time of contract execution) and the 2025 Caltrans Standard Plans and Specifications.
- Design of a temporary intersection with Walnut Avenue will be provided. The design will verify Walnut Avenue approaches in the east-west directions and will evaluate the ability for U-turns. The temporary intersection design will include lane transitions, signing and striping, and tapers.
- Civil Detail Sheets – These sheets shall include construction details to direct construction activities. Details referenced on the plans shall be included on the detail sheets. Curb accessibility ramps shall be detailed with vertical and horizontal dimensions as necessary. All City standard details used shall be included on the detail sheets, with a maximum of eight (8) City standard details per page, configured in two (2) rows of four (4).
- After the plans are completed, the 4Creeks Team will be responsible for providing the City with a CD (or other data transfer method) containing electronic CAD files and other associated files. Submittals and approval through CalTrans are included within Task 12.
- Specifications:
 - Under this task, the 4Creeks Team will prepare technical specifications and complete all special provisions and bid item descriptions for City review at the 90% and 100% submittal stages, and address comments received from the City at each stage.
 - The City will provide the 4Creeks Team with the City's standard template construction specifications. The 4Creeks Team will be responsible for coordinating with City staff and updating the template as needed for this project.
- Engineer's Estimate of Probable Construction Cost
 - The cost estimate will be used to develop the bid schedule for competitive bidding.
 - The estimate shall include quantities, unit prices, subtotals, contingencies, and total cost.
 - Quantities layers shall be included in CAD for verification during construction.

- Implement a project-specific Quality Control program for the contract duration as follows:
 - Perform independent checks of plans, calculations, and deliverables; correct and back-check before each submittal.
 - Identify and track conflicts for resolution; document critical reviews and milestones.
 - QC Roles: Mr. Jason Watts, PE, and Ms. Lisa Wallis-Dutra, PE, TE, PTOE, RSPI, will lead the QC efforts and can attend the coordination meetings at the City's request.

The above-described **Task 5** services shall be provided for a **Fixed Fee of \$287,280**.

Task 6: Traffic Signal Design

4Creeks will complete design plans for underground traffic signal improvements at the intersection of Shirk Street and Tulare Avenue. The improvements will include pull boxes and conduit with a pull rope, based on the traffic signal layout completed with the 30% design plans. It is our understanding that the planned traffic signal at the Shirk Street/Tulare Avenue intersection is not currently warranted. Therefore, only the underground components (pull boxes and conduits) will be included as part of the design. Traffic signal improvements and/or modifications at other locations are excluded.

The above-described **Task 6** services shall be provided for a **Fixed Fee of \$14,172**.

Task 7: Utility Research and Coordination

Our understanding is that 4Creeks will take the lead in coordinating relocation of utilities within the project limits, as needed, and will build upon coordination efforts initiated during the 30% design phase. Utility services include the following:

- Provide updates on utility coordination at project meetings.
- Obtain utility maps, record drawings, and available utility information from utility providers.
- Identify potential utility conflicts within the project corridor.
- Update the project base mapping to reflect utility information.
- Prepare utility conflict maps to support design development and coordination.
- Utilize potholing data to verify existing utility locations and resolve conflicts.
- Issue notice to owner forms to all utilities where conflicts are present.
- Assist the City in evaluating potential liability associated with utility relocations.
- Coordinate with utility companies to determine relocation requirements, design constraints, and timing.
- Develop solutions for utility conflicts, including relocation, protection, or adjustment of facilities.
- Prepare utility plans for inclusion in the final construction document package.
- Prepare the Right-of-Way Utility Clearance Memo for City approval.
- Coordinate with utility companies to facilitate relocation of facilities in advance of construction, where feasible, inclusive of the overhead electric poles.
- Coordinate anticipated, new utility installs within the project corridor, such as the CalWater 12" main from Tulare Avenue north to Noble Avenue.

The above-described **Task 7** services shall be provided for a **Fixed Fee of \$40,677**.

Task 8: Street Light and Fiber Interconnect Design

Street lighting and fiber interconnect design plans will be prepared as part of the overall construction document package. Building upon design efforts initiated during the 30% phase, these systems will be advanced and refined to support final design. Street light and fiber interconnect design plans will be prepared on the same sheets and will include plan views only. Under this task, 4Creeks will perform the following services:

- Design and draft a street lighting system to City Standards.
- Calculate the street lighting voltage drop to ensure it meets City Standards.
- Design and draft fiber interconnect conduits and pull boxes (3" conduit with boxes at 500'). Fiber optic cabling is excluded.
- Include Street Light and Fiber Interconnect Plans with the design submittals to the City for review.
- Address applicable City comments as needed.
- Request final approval of the Street Light Plan.

The above-described **Task 8** services shall be provided for a **Fixed Fee of \$11,931**.

Task 9: Landscape and Irrigation Construction Documents

Landscape and irrigation design services will be provided by PCS Group, a subconsultant to 4Creeks, and incorporated into the overall construction document package. PCS Group will prepare landscape and irrigation construction documents, including plans, specifications, calculations, and supporting documentation. Landscape and irrigation improvements will be designed for the project median areas between Walnut Avenue and Noble Avenue. Landscape improvements within the western and eastern landscape tracts are anticipated to be designed and constructed as part of future development projects and are therefore excluded from this scope of work. A further breakdown of the scope of work is provided below:

- Construction Documents:
 - Provide a planting soils plan indicating soil treatment type, location, and requirements.
 - Provide an irrigation plan indicating the locations, types, and sizes of the irrigation sprinkler heads and piping for the automatic irrigation system. Prepare ABI881 Water Conservation documentation as required by the State of California.
 - Prepare hydrozone plans.
 - Prepare irrigation schedules.
 - Prepare water calculations.
 - Provide a planting plan indicating the locations, types, sizes, and quantity of trees, shrubs, lawn, and ground cover.
 - Provide planting soil, irrigation, and planting details.
 - Provide tree protection, planting soil, irrigation, and planting specifications.
 - Coordinate with the City of Visalia and make adjustments as necessary to the Construction Documents to satisfy the requirements.
 - This section includes a total of two (2) hours of project meetings. Additional meetings, other than those described, shall be billed at hourly rates.
 - This section includes a total of three (3) submittals to the City for review and approval. Any additional submittals required shall be done on a time-and-materials basis after receiving approval from the City in writing before beginning the work.

The above-described **Task 9** services shall be provided for a **Fixed Fee of \$20,700**.

Task 10: Potholing (Time and Materials) (Optional)

Potholing services will be performed to support utility coordination and final design by verifying the location and depth of existing underground utilities within the project corridor. This task assumes performing 3-days of potholing, with an estimated five (5) potholes per day. It is understood that the number of potholes can't be guaranteed due to field factors such as; traffic control, ability to find existing utilities, etc. To complete this task, the following services will be provided:

- Non-destructive hydrovac excavation services to visually verify and document the location and depth of approximately fifteen (15) existing underground utilities.
- Provide water, traffic control plans, traffic control setup and tear down, visual verification of utility, sawcut and breakout of surface material, backfill and compaction, HMA restoration where needed, and disposition location.
- Pothole report documentation.
- Assumed seven (7) pothole locations will be within the existing asphalt, and will require flagging for verification, and a return trip for HMA restoration.
- Assumed three (3) days for this work.

The above-described **Task 10** services shall be provided on a **Time and Materials basis for an estimated fee of \$63,199**.

Task 11: Off-Site Coordination

Off-site coordination services will be performed to support the development of the project design and ensure consistency with adjacent improvements and external agency requirements. Building upon coordination efforts initiated during the 30% design phase, 4Creeks will continue to coordinate with applicable agencies and stakeholders to advance the project through final design. To complete this task, the following services will be provided:

- Coordinate with Caltrans regarding improvements associated with State Route 198, including ramp and frontage road connections.

- Submittal and approval of the portions of the Shirk Street improvement plans within and/or effected by CalTrans right-of-way.
- Lead coordination related to the Caltrans encroachment permit process (traffic-related items to be completed by others).
- Coordinate design considerations associated with the State Route 198 bridge crossing, as applicable.
- Coordinate design elements at the Walnut Avenue intersection to ensure compatibility with adjacent or planned improvements.
- Conduct coordination meetings in the field with adjacent property owners to review existing conditions, discuss potential project impacts, and obtain input to support design refinement. This scope assumes property walks for up to eight (8) parcels involving five (5) property owners, with approximately two (2) hours allocated per parcel for site review and discussion.
- Attend up to two (2) coordination meetings with outside agencies and stakeholders.

The above-described **Task 11** services shall be provided for a **Fixed Fee of \$49,332.**

Task 12: Bidding and Construction Assistance (Time and Materials) (Optional)

Bidding and construction assistance services will be provided, as requested by the City, to support project delivery following completion of the design phase. To complete this task, the following services will be provided:

- Assist the City in responding to bidder questions and preparing addenda during the bidding phase.
- Attend one (1) pre-bid meeting, if requested by the City.
- Provide consultation and interpretation of the construction documents, as requested by the City.
- Assist the City in responding to Requests for Information (RFIs) submitted during construction.
- Attend the preconstruction meeting, if requested by the City.
- Furnish revised drawings or details to address field conditions or design clarifications.
- Assist the City in reviewing construction change orders.
- Review material submittals and shop drawings, if requested by the City.

The above-described **Task 12** services shall be provided on a **Time and Materials basis for an estimated fee of \$20,480.**

Task 13: Federal Funding (Optional)

Under this task, the 4Creeks Team shall provide the following services:

- Plans
 - Add Federal Project Number
- Bid Schedule
 - Adjust Bid Schedule to accommodate Federal Requirements (if needed)

Our understanding is that the City staff will be responsible for completing all Federal paperwork and authorization processes, and that this will generally include the following tasks:

- Project Bid Book
 - Insert required Federal forms and language
- LAPM Submittal
 - Perform all work necessary to take the project through proper approval processes
- PS&E Package
- E-76 Construction Authorization

The above-described **Task 13** services shall be provided for a **Fixed Fee of \$2,934.**

Task 14: As-Built Plans (Optional)

The City will require the Contractor to maintain a set of marked-up construction as-built plans throughout the duration of the project. Upon completion of construction, the City may request that the 4Creeks Team prepare final as-built plans based on the Contractor's marked-up documents. Under this task, the 4Creeks Team will perform the following services:

- Coordinate with the City and Contractor to obtain and review marked-up as-built plans and supporting documentation.
- Incorporate Contractor redlines and field changes into the project CAD files.

- Prepare a complete and final set of as-built plans reflecting constructed conditions.
- Provide administrative support, including coordination, document management, and delivery of final files.

The above-described **Task 14** services shall be provided for a **Fixed Fee of \$12,604**. Mileage and material costs associated with as-built coordination and preparation are included in this task.

City of Visalia Responsibilities

- Provide information/data as noted above.
- Review documents and provide timely decisions.
- Process invoices on time.
- Provide maps, surveys, and records.
- Coordinate internally.
- Coordination and Notifications with existing property owners impacted by the project.
- Provide standard specifications.

Exclusions

- Permit fees or any fees not listed in our scope of services.
- Traffic counts and/or traffic signal warrant studies.
- Signal timing plan(s) for any traffic signal or signal system.
- Traffic signal initiation/turn-on.
- Complete traffic signal design plans for the Shirk Street/Tulare Avenue intersection (only underground conduit and pull boxes to be included for future signalization).
- Traffic signal plans for any other intersection within the project limits.
- Any design work for the permanent Walnut Avenue intersection or roadway improvements.
- Any work associated with complying to Caltrans LAPM requirements for federally funded projects.
- Watson Ditch improvement plans.
- Any work not specifically listed in this scope of services.

4Creeks is capable and willing to perform many of these excluded services, and/or hire subconsultants to perform these services, as needed by the City. If the City would prefer that 4Creeks add additional tasks to our proposal to cover these services, please let us know.



Fee Proposal

4CREEKS

Task	Fee
Task 1: Project Initiation and Project Management	\$35,928
Task 2: Topographic Survey	\$15,818
Task 3: Right-of-Way Acquisition (Bender Rosenthal, Inc.) (Task 3f Optional)	\$74,221
Task 4: Right-of-Way Support	\$18,170
Task 5: Construction Plans Specifications, & Cost Estimates	\$287,280
Task 6: Traffic Signal Design	\$14,172
Task 7: Utility Research & Coordination	\$40,677
Task 8: Street Light & Fiber Interconnect Design	\$11,931
Task 9: Landscape & Irrigation Construction Documents (PCS Group)	\$20,700
Task 10: Potholing (4Creeks Build) (Optional)	\$63,199
Task 11: Off-site Coordination	\$49,332
Task 12: Bidding & Construction Assistance (Optional)	\$20,480
Task 13: Federal Funding (Optional)	\$2,934
Task 14: As-Built Plans (Optional)	\$12,604
Total Without Optional Tasks	\$568,229
Total With Optional Tasks	\$667,446

Proposed Schedule



Proposed Project Schedule

Below is the proposed project schedule which anticipates the 60%–100% submittals and a 4-week review for final PS&E approval. This schedule also assumes that the City will provide all necessary design information and respond to questions in a timely manner.

To meet this schedule, Notice to Proceed shall be provided to 4Creeks no later than August 10, 2026. The items listed below are being provided to give the City the best chance possible of meeting their schedule. Our staff will aggressively pursue these items to get approvals as soon as reasonably possible.

Schedule

Below is the proposed design schedule for the project.

<u>Task</u>	<u>Completion Date</u>
Notice to Proceed	August 10, 2026
Kick off Meeting with City	August 17, 2026 (1 week)
Topographic Survey	October 12, 2026 (8 weeks)
City Coordination	October 26, 2026 (2 weeks)
60% PS&E	February 15, 2027 (16 weeks)
City Review	March 15, 2027 (4 weeks)
90% PS&E	July 6, 2027 (16 weeks)
City Review	August 3, 2027 (4 weeks)
100% PS&E	October 26, 2027 (12 weeks)
<u>City Approval Final PS&E</u>	<u>November 23, 2027 (4 weeks)</u>

Total Estimated Duration 41 weeks

The Schedule above assumes a 4-week review by the City for 60%–90% submittals and a 4-week review for final PS&E approval. This schedule also assumes that the City will provide all necessary design information and respond to questions in a timely manner. The schedule presented is an estimate, and is approximately 15.5 months in duration. To provide schedule buffer for coordination and optional design items, a total of 18-months is anticipated from NTP to final City approvals.

Development of the utility sheets and project geometry will be prioritized so the City can start utility coordination and right-of-way acquisition as early as possible in the design process.

Overhead electric and dry utility pole relocations are anticipated to be take between 18–24 months and should be prioritized in coordination with those utility owners. Additionally, the pole relocations may impact the timing for the final plan approval schedule presented herein and the associated start of construction.



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