PETERS ENGINEERING GROUP
A CALIFORNIA CORPORATION

City of Visalia
Engineering & Building Department
315 E. Acequia Avenue
Visalia, CA 93291

November 20, 2025

Attn: Mr. Jonathan Frausto

Subject: Acequia and Center Avenues Street Rehabilitation Project

Thank you for considering our proposal to provide engineering services for the **Acequia and Center Avenues Street Rehabilitation Project**. We are very interested in having the opportunity to provide these services to the City as our previous experience with similar projects will be an asset to making this project a success.

Peters Engineering Group is a local civil and traffic engineering consulting firm that has completed numerous state-funded Capital Improvement Projects throughout California since our inception in 1998. We also have specific experience completing projects in the City of Visalia and surrounding areas within Tulare County. Mr. David Peters, PE, TE, will serve as Principal-in-Charge and will be assisted by Mr. Will Washburn, PE, as Project Manager. Both are registered civil engineers who are very familiar with the City of Visalia and its needs.

Peters Engineering Group affirms that we do not have any financial, business, or other relationship with the City or any members of the City staff that may have an impact on the outcome of any future projects. Neither do we have clients that may have a financial interest in the outcome of future projects.

Our team is eager to utilize our ideas, skills, and strategies to provide projects that meet the City's goals. Thank you for your time and consideration.

PETERS ENGINEERING GROUP

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PROJECT UNDERSTANDING

Center Avenue and Acequia Avenue between Willis Street and Santa Fe Street represent the heart of downtown Visalia. Retail shops, restaurants, office space, a cinema, hotels, a hospital complex, and several government buildings for both the City of Visalia and Tulare County all converge in this diverse area. On-street parking is at a premium and pedestrian access is essential for this vibrant and popular downtown district. Unfortunately, the existing pavement surface is nearing the end of its functional life. Cracked pavement, utility trenchwork, and localized pavement failures (potholes) are evident. Realizing this need, City Staff and the City Council have prioritized pavement rehabilitation on these two streets that are integral to downtown Visalia. Peters Engineering Group has successfully designed pavement rehabilitation projects for several communities in the Central Valley with downtown areas similar to the proposed project area. Our success is the direct results of a focus on the scope of work for our designs and to seek opportunities to implement alternate pavement installation methods, including full depth HMA replacement and HMA deep lifts intermingled with grind and overlay with crack seal, that will minimize contractor time in the work zone but still providing an end result that will give the community a street with a long design life. ADA access for this area will also be a focal point. Both standard and custom designs will assist in keeping the improvements within the existing right of way, where possible, including possible bulb-out locations to reduce pedestrian time within the street area. The City expects the ramps to be designed in conformance with ADA/PROWAG requirements.

Utility Coordination with existing overhead and underground providers is included. Subsurface exploration of the existing utilities may be necessary to check for potential conflicts with proposed subsurface improvements, including storm drain relocations and traffic signal modifications.

While it is intended that all work be contained within the existing right-of-way, circumstances beyond control may require acquisition. Preliminary right-of-way work is included within the project scope to assist with identifying areas of concern. Actual Right-of-way acquisition services, including preparation of legal descriptions and exhibits, appraisal of value, and negotiation with property owners are not included in the scope, but can be added if requested.

The project design will conform with the standards listed in Part III, Scope of Services, of the RFP. In general, the scope of work includes following:

a. Pavement rehabilitation of Center Avenue from Willis Street to the west side of Locust Street, the east side of Locust Street to the west side of Court Street

(skipping the intersections where there is Caltrans right-of-way) and the east side of Court Street to Santa Fe Street.

b. Pavement rehabilitation of Floral Street from Center Street to the north side of Main Street and from the south side of Main Street to Acequia Avenue.

c. Pavement rehabilitation of Encina Street from Center Street to the north side of Main Street.

d. Pavement rehabilitation of Church Street from Center Street to the north side of Main Street and from the south side of Main Street to Acequia Avenue.

e. Pavement rehabilitation of Bridge Street from Center Street to the north side of Main Street and from the south side of Main Street to the north side of Mineral King Avenue (Caltrans right-of-way).

f. Pavement rehabilitation of Acequia Avenue from Willis Street to the west side of Locust Street, the east side of Locust Street to the west side of Court Street (skipping the intersections where there is Caltrans right-of-way) and the east side of Court Street to Santa Fe Street.

g. Traffic Signal Modifications at City of Visalia intersections within the project area, including Acequia and West, Acequia and Willis, Center and Santa Fe, and Center and Willis. The traffic signal modifications are expected to include the following:

    - Acequia Avenue at West Street
    - Install APS pedestrian push buttons and any additional pedestrian push button posts as necessary.
    - Replace any incandescent overhead lights with LED equivalent light fixtures.
    - Install a 2-inch-wide yellow retro-reflective band on each existing traffic signal backplate.
    - Acequia Avenue at Willis Street
    - Install a video detection system.
    - Install APS pedestrian push buttons and any additional pedestrian push button posts as necessary.
    - Replace any incandescent overhead lights with LED equivalent light fixtures.
    - Install a 2-inch-wide yellow retro-reflective band on each existing traffic signal backplate.
    - Acequia Avenue and Santa Fe Street
    - Install a 2-inch-wide yellow retro-reflective band on each existing traffic signal backplate.
    - Center Avenue at Santa Fe Street
    - Install a 2-inch-wide yellow retro-reflective band on each existing traffic signal backplate.

- Center Avenue at Willis Street
- Install a video detection system.
- Install a traffic monitoring camera.
- Install an emergency vehicle preemption system.
- Install APS pedestrian push buttons on a new pedestrian push button post
- Replace any incandescent overhead lights with LED equivalent light fixtures.
- Install a 2-inch-wide yellow retro-reflective band on each existing traffic signal backplate.

h. Traffic Signal Modifications at Caltrans intersections within the project area for the in-pavement vehicle detection loops within the City's right-of-way, including Acequia and Court, Acequia and Locust, Center and Court, Center and Locust, and Bridge and Mineral King. A Caltrans Encroachment Permit will be prepared and processed for this work.

i. Limited repairs of existing curbs, gutters, sidewalks, drain inlets, and ramps within the project area. There are 46 ramps within the project area that are non-compliant and will be upgraded to current ADA compliance per City Standards.

j. Prepare a parking inventory for all affected streets and provide information in both exhibit and spreadsheet format.

k. Analysis of addition of Class II bike lane on Acequia from Willis to Santa Fe and the impact it will have on parking for review by City Staff and key stakeholders.

l. Analysis of addition of a Class IV bike lane on Center from Willis to Sana Fe and the impact it will have on parking for review by City Staff and key stakeholders.

m. Analysis of ADA pathway on the east side of Bridge Street from the Transit Center to Center Street, with recommendations for proposed work. It is anticipated that this ADA work will be a part of the project.

n. Prepare Geometric Approval Drawing to show preliminary geometric drawing showing lane striping, parking stalls, Class II and Class IV bike lanes, and initial ramp geometry, including potential bulb-outs. Drawing will be reviewed and approved prior to submittal of the 30% plans to provide direction for initial geometric layout.

o. Public Outreach for the project including, a meeting with key stakeholders during preparation of the 30% plans, a presentation to the City Council after the 60% plans, and a public meeting after the 90% plans. Each meeting would include exhibits and other literature to assist the public with understanding the proposed project.

Project Construction Documents will include plans, specifications, and estimates in City format. The proposed schedule includes deliverables for 30%, 60%, 90%, 100%, and final plan submittals.

PROJECT TEAM

Peters Engineering Group (Consultant) has put together a team of established engineers and consultants with experience in municipal engineering projects. David Peters will serve as Principal-in-Charge and is authorized to sign contracts on behalf of the firm. Will Washburn will serve as project manager for this project. The organization chart identifies the staffing and responsibilities for this project. A more detailed list is below:

- Civil Engineering: Will Washburn, Quinn Vosmera, and Brandon Hernandez will provide civil engineering services.
- Traffic Engineering: John Rowland and Brandon Hernandez will provide traffic engineering services.
- Geotechnical: Neva Popenoe will oversee Geotechnical Services
- Surveying: David Horn will oversee topographic and boundary surveying.

PROJECT MANAGEMENT AND APPROACH

Project Management and initiation

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

We will begin the project with a kickoff meeting with City Staff 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.

Communication throughout the project, both written and verbal, are key to effective management. It is expected that phone calls and emails will be responded to in a timely manner, and that submittal schedules are communicated and maintained.

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.

Public Outreach

It is anticipated that there will be three different public meetings for this project. The first will be a meeting during preparation of the 30% plans with key stakeholders including City and Caltrans personnel, local business owners, and key elected officials. This meeting will discuss the existing and proposed geometrics and how potential pedestrian and bike improvements might affect the existing parking spaces. The second meeting will be a presentation of the 60% level plans to the City Council during either a regular meeting or Council workshop. This will allow follow up from the initial meeting and identify progress with the plans. The third meeting will be a public meeting at either the City Council chambers or other large area where the public will be invited to see the 90% level plans and the project scope and potential construction schedule and staging can be introduced.

Topographic Survey and boundary (Coordination with Caltrans required)

Consultant 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 described above and depicted in Exhibit C.

Consultant 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.

Right of Way Activities (If applicable)

Consultant 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.

Utility Coordination

Consultant will provide preliminary design information to Visalia-area utility companies with a request for locations of underground facilities to be shown on the plans. Utility A, B, and C letters will be sent to affected utilities and their data requested and verified.

Subsurface Exploration (If applicable)

To supplement the utility research and confirm clearance for construction, potholing may be performed at the direction of the City.

Pavement Core Sampling

The geotechnical consultant will be authorized to proceed with taking pavement cores and R-value sampling and testing. A report will be prepared with recommendations for pavement rehabilitation. 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 C for the planned testing locations.

Civil Engineering Design

Consultant will prepare a Geometric Approval Drawing, 30%, 60%, 90%, 100%, and finally Construction Documents for bidding and construction. It is expected that the plans will be prepared on the City of Visalia title block.

a. Geometric Approval Drawing (GAD): Consultant will provide preliminary geometric drawing showing lane striping, parking stalls, Class II and Class IV bike lanes, and initial ramp geometry, including potential bulb-outs. Drawing will be reviewed and approved prior to submittal of the 30% plans to provide direction for initial geometric layout.
b. 30% PS&E: Consultant provide the 30% plans which will consist of proposed pavement, ADA ramps (including bulb-outs), preliminary striping, preliminary cross-sections, and existing signal components. A preliminary opinion of probably construction cost will be prepared at this stage. The City will provide one consolidated and non-conflicting set of review comments on the 30% drawings.
c. 60% PS&E: The 30% plan review comments from the City will be incorporated into the 60% drawing set. Consultant will include traffic signal modification plans for City traffic signals. The civil drawings will contain detailed grading at curb ramps, additional details, cross sections, etc. An updated preliminary opinion of probable cost will be provided, 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 comment/response-spreadsheet cataloging the

previous City comments and responses from the Consultant. It is expected that the City will review and provide a single consolidated and non-conflicting set of comments on the 60% PS&E.

d. 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 comment/response-spreadsheet cataloging the previous City comments and responses from the Consultant. It is expected that the City will review and provide a single consolidated and non-conflicting set of comments on the 60% PS&E.

e. 100% PS&E: The 90% plan review comments from the City will be incorporated into the 100% PS&E. A final submittal will be provided to the City for 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 provide a single consolidated and non-conflicting set of comments on the 100% PS&E.

Construction Documents: 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.

Caltrans Traffic Signal Loop Detector Replacement

Under a separate set of plans, Consultant will prepare Traffic Signal Modification plans (E Sheets) with a separate cover sheet and submit as an encroachment permit project as the City's consultant to Caltrans. Consultant will process provide plans to City for review prior to submitting to Caltrans. Consultant anticipates three (3) submittals with Caltrans prior to their approval of the encroachment permit. Once the project is bid, the City and Contractor will need to provide a separate rider permit to Caltrans for work within their right of way. Plans will be included in overall project specifications and bid with the street improvement plans, as a separate bid item.

Bidding Services Assistance

At the City's option, Consultant will review and respond to requests for information (RFI's) during the bidding portion of the project and provide addendum plans as necessary for clarification. The City will primarily take the lead and will only involve the design team on technical issues directly related to the design. This phase will be billed on time and materials, not to exceed the budget in Exhibit C

Construction Support Services

At the City's option, Consultant will review submittals during construction. Consultant will review and respond to requests for information (RFI's) during the construction portion of the project. Four site visits during construction are included in this scope. If an addendum or addition review is required due to a change in the scope of work, or more than four visits will be required, then it will be regarded as additional services. This phase will be billed on time and materials, not to exceed the budget in Exhibit C.

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

The anticipated schedule for project is to have a project set of improvement plans and specifications ready 9-12 months from authorization to proceed. The below 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 Consultant.

Milestone	Duration	Cumulative Duration	Approximate Start Date	Approximate End Date
City Council Approval	1 Day	1 Day	12/1/2025	12/1/2025
Project Management	Ongoing	Ongoing	12/8/2025	Ongoing
Project Initiation	1 Day	1 Week	12/8/2025	12/8/2025
Project Schedule	Ongoing	Ongoing	12/8/2025	Ongoing
Topographic Survey	5 weeks	2 weeks	12/15/2025	1/12/2026
Utility Coordination	Ongoing	Ongoing	3/2/2026	Ongoing
Geotechnical Engineering	5 weeks	6 weeks	12/15/2025	1/12/2026
Stakeholder Meeting	1 Day	11 weeks	2/19/2026	2/19/2026
30% Plan Submittal	8 weeks	7 weeks	1/12/2026	3/9/2026
City Review and Comment	4 weeks	15 weeks	3/9/2026	4/6/2026
60% PS&E Submittal	7 weeks	19 weeks	4/6/2026	5/25/2026
City Review and Comment	4 weeks	26 weeks	5/25/2026	6/22/2025
City Council Meeting Project Presentation	1 Day	29 weeks	6/15/2026	6/15/2026
90% PS&E Submittal	5 weeks	30 weeks	6/22/2026	7/27/2026
City Review and Comment	4 weeks	35 weeks	7/27/2026	8/24/2026
100% PS&E Submittal	3 weeks	39 weeks	8/24/2026	9/14/2026

City Review and Comment	3 weeks	42 weeks	9/14/2026	10/5/2026
Construction Documents	2 weeks	44 weeks	10/5/2026	10/19/2026

Note: The preliminary schedule is intended to conservatively estimate a 9–12-month 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, Project Initiation, and Project Schedule**
    a. Conduct Field Review meeting with City of Visalia staff, if City staff desires to attend.
    b. Develop project schedule and update throughout the duration of the design process. An updated schedule will be provided to the City after each submittal. Upon providing Construction Documents to the City of Visalia, we will no longer update the project schedule.
    c. Project Kickoff Meeting with City of Visalia staff, Consultant to review City and Consultant responsibilities, review scope, schedule, discuss format of drawings and specifications, discuss data request (e.g. as-built drawings), discuss project limits, and potential pavement rehabilitation strategies.
    d. 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, and review and distribution of comments from City staff to subconsultants.

2. **Public Outreach and Development**
    a. During preparation of the 30% planset and after approval of the Geometric Approval Drawing, coordinate a meeting with select business owners, community organizations, City Staff, Caltrans Staff, and other personnel deemed appropriate by City Staff. This meeting will provide exhibits and a powerpoint presentation and opportunity for feedback from the community. This meeting will discuss the existing and proposed geometrics and how potential pedestrian and bike improvements might affect the existing parking spaces.
    b. After City review of the 60% planset, attend either a City Council meeting or City Council workshop to provide full size drawings for Council and public review. Prepare powerpoint presentation, if necessary to discuss the status of the project and the implementation of current comments. The meeting could be formal or informal, depending on the preference of City Staff
    c. After City review of the 90% planset, attend a public meeting where the community can review the plans and identify potential impacts to their frontage. Prepare a powerpoint presentation, if necessary to discuss the status of the project, potential construction staging, and potential bidding and construction timelines.

3. Topographic Survey

a. 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'.

b. 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.

c. Horizontal datum will be California State Plane Coordinates, Zone 4 as established by the California Survey and Drafting Services real time network.

d. Vertical datum will be NGVD 29 based on the nearest available City of Visalia benchmark.

e. 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.

f. 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.

g. 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.

h. 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 determined to be necessary, work will be performed at time and materials per item 8 of the scope below.

i. The drawing will be prepared in AutoCAD Civil 3D 2023 at a suitable scale for design purposes. We will coordinate with the project team for desired sheet orientation and scale.

4. Preliminary Right of Way Activities (if applicable)

Consultant 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.

5. Utility Coordination

Consultant will provide preliminary design information to Visalia-area utility companies with a request for locations of underground facilities to be shown on the plans. Utility A, B, and C letters will be sent to affected utilities and their data requested and verified.

6. Subsurface Exploration (if applicable)

To supplement the utility research and confirm clearance for construction, potholing may be performed at the direction of the City This task may include the following:

a. Obtain an encroachment permit from the City and provide traffic control plan signed by a licensed civil engineer.
b. Mark locations for required USA utility clearance. Coordinate with all other impacted utility agencies to locate their facilities.
c. Provide traffic control in accordance with the traffic control plan.
d. Potholing to identify the location, depth, type, and number of affected utilities.
e. The information resulting from the potholes will be shown on the final plans.
f. A survey of USA markings to verify utility locations shown on the plans. Coordination with the project surveyor will be required.
g. If any potholes extend below pavement or sidewalks, the potholes will be backfilled with aggregate base or sand cement slurry followed by surface treatment complying with the City of Visalia Design & Improvements Standards. In grass areas, the potholes will be tamped to the extent that all of the removed soils are replaced as backfill. Landscaping will be replaced in kind.
h. The impacts to underground utilities will be determined and project plans will be sent to the utility companies identifying any relocation required. Consultant will coordinate with affected agencies well in advance to facilitate relocation prior to the construction of the project.

i. Consultant will coordinate with the affected utility companies to provide relocation plans and the necessary permits and agreements. Relocation data received from the utility companies will be shown on the plans.

7. Pavement Core Sampling (Geotechnical Engineering)

a. Consultant will complete fourteen (14) test-hole borings to determine the existing pavement section thickness at various locations in the project as depicted on Exhibit C. The holes created in the pavement will be backfilled and compacted with a concrete plug. The pavement cores will be taken in locations approved by the Consultant and City Staff.

b. Consultant will collect soil samples at the subgrade of each test-hole for R-value testing.

c. A brief report will be prepared reporting observations.

d. A geotechnical report with recommendations for the pavement rehabilitation is included within this scope of services.

8. Civil Engineering Design

a. Evaluate condition of existing pavement slopes, condition of various curbs and gutters and make recommendations to City for removal and replacement.

b. Prepare Geometric Approval Drawing, showing proposed striping, preliminary ramp geometrics, conceptual cross sections, parking layouts, and general layout of the project. City Staff will review prior to the stakeholder meeting for conformance with the intent of the project. Once approved by City Staff, this drawing will be used as a basis for the 30% submittal and for preparation of exhibits and materials for the stakeholder meeting in Public Outreach and Development.

c. Prepare Civil Drawings and progress drawings at 30%, 60%, 90%, 100% and final completion. The Civil Drawings will include the following:

i. General Project Coversheet

ii. City of Visalia General Notes

iii. 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.

iv. Street Rehabilitation Plans (Plan View Only). These plans will include a legend, plan views with pavement rehabilitation, ADA ramp locations with callouts to detail sheets, sidewalk and curb and gutter reconstruction locations, and notes and directions for construction.

v. Cross Sections of roadways and pedestrian walkways at various locations as appropriate and to provide sufficient information and details for construction.

vi. Pavement Delineation Plans & Signage Plans for design of striping and pavement markings for the project, including lane lines, bike lanes, stencils, turn arrows, etc. Acequia has a designated Class 2 Bike Route. While there is no designated Class IV bike lane on Center, this will be proposed with the initial GAD for review by City Staff and key stakeholders.

vii. Project specific civil details

d. Revise Plans per City comments at the various stages (30%, 60%, 90%, 100%)

e. Coordinate with the City of Visalia to prepare Project Manual as follows:

i. Review and modifications of special provisions

ii. Insert appropriate technical specifications

iii. Prepare Bid Item Description

iv. Prepare Bid Proposal (Bid Sheet) Form

v. Provide Engineer's Estimate

9. Electrical Design (Loop Detector Caltrans Submittal)

Prepare Traffic Signal Modification Drawings at E Sheets and progress drawings at 30%, 90%, 100% and final completion. The plan set will include the following:

a. Caltrans Coversheet

b. Caltrans General Notes

c. Existing Traffic Signal layout

d. Proposed Traffic Signal layout

e. Traffic Signal detail sheet

f. Pavement Delineation Plans & Signage Plans for design of striping and pavement markings for the within Caltrans Right of Way, if required.

g. Revise Plans per Caltrans comments at the various stages (30%, 90%, 100%)

10. Bidding Services Assistance

a. The City of Visalia will advertise and award the project. During the bidding process Consultant will assist with the following

i. Attend pre-bid meeting with City (if required and if applicable)

ii. Assist the City in preparing responses to questions and requests for information (RFIs) which are technical and related to the design.

iii. Support the City's project manager by providing answers to questions and preparing documents for bid addenda, if required.

11. Construction Support Services

a. Consultant will attend pre-construction meeting, review and respond to requests for information (RFI's), prepare field change drawings as necessary, and provide assistance during construction as requested. 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.

CLIENT'S DUTIES AND RESPONSIBILITIES

The Client shall:

a. Provide all criteria and full information concerning Client's requirements for the project, including as-builts, record drawings, etc for existing improvements where available. Potholing for existing elevations of existing utilities will be provided at time and materials in the above scope of work.

b. Assist in coordination of public meetings, including room scheduling, contact information for stakeholders, and assistance in preparation of staff reports or other City Council agenda item procedure.

c. Provide Consultant with plans indicating the locations, types, and sizes of existing improvements.

d. Provide an arborist, as necessary.

e. Give prompt notice to Consultant whenever Client observes or otherwise becomes aware of any development that affects the scope or timing of Consultant's services.

f. At Client's discretion, authorize and direct Consultant to provide necessary Additional Services.

g. Pay for any outside agency permits.

h. Provide environmental clearance.

i. Coordinate contract approval and process invoices in accordance with contract stipulations.

a. Provide available City record improvement drawings.

j. Review and distribute project submittals to appropriate City Staff or outside agencies.

k. Send pre-prepared letters to Southern Cal Gas and Southern Cal Edison for existing facility mapping.
l. Coordinate and deliver comments received on project submittals.
m. Provide standard template for project specifications.
n. Communicate regarding schedule and inform of deadlines for plan reviews, submittal of staff reports, bidding procedures, construction submittal reviews, etc.
o. Give reasonably prompt consideration to all matters such that there will be no substantial delays in the processing of the work tasks.

ADDITIONAL SERVICES

The Client may, at its sole discretion, request that Consultant perform Additional Services. Both parties, prior to proceeding with these services, shall execute a written amendment to this Agreement.

Additional services will be required if Consultant is to perform services not specifically described herein. Additional Services will be required if Consultant is required to attend additional meetings not already identified in this scope of work, including but not limited to project design team, public hearings, planning commission meetings, and city council meetings.

RIGHT TO RELY

Consistent with the professional standard of care, Consultant shall be entitled to rely upon the accuracy of data and information provided by the Client or others without independent review or evaluation unless specifically required in the Scope of Services.

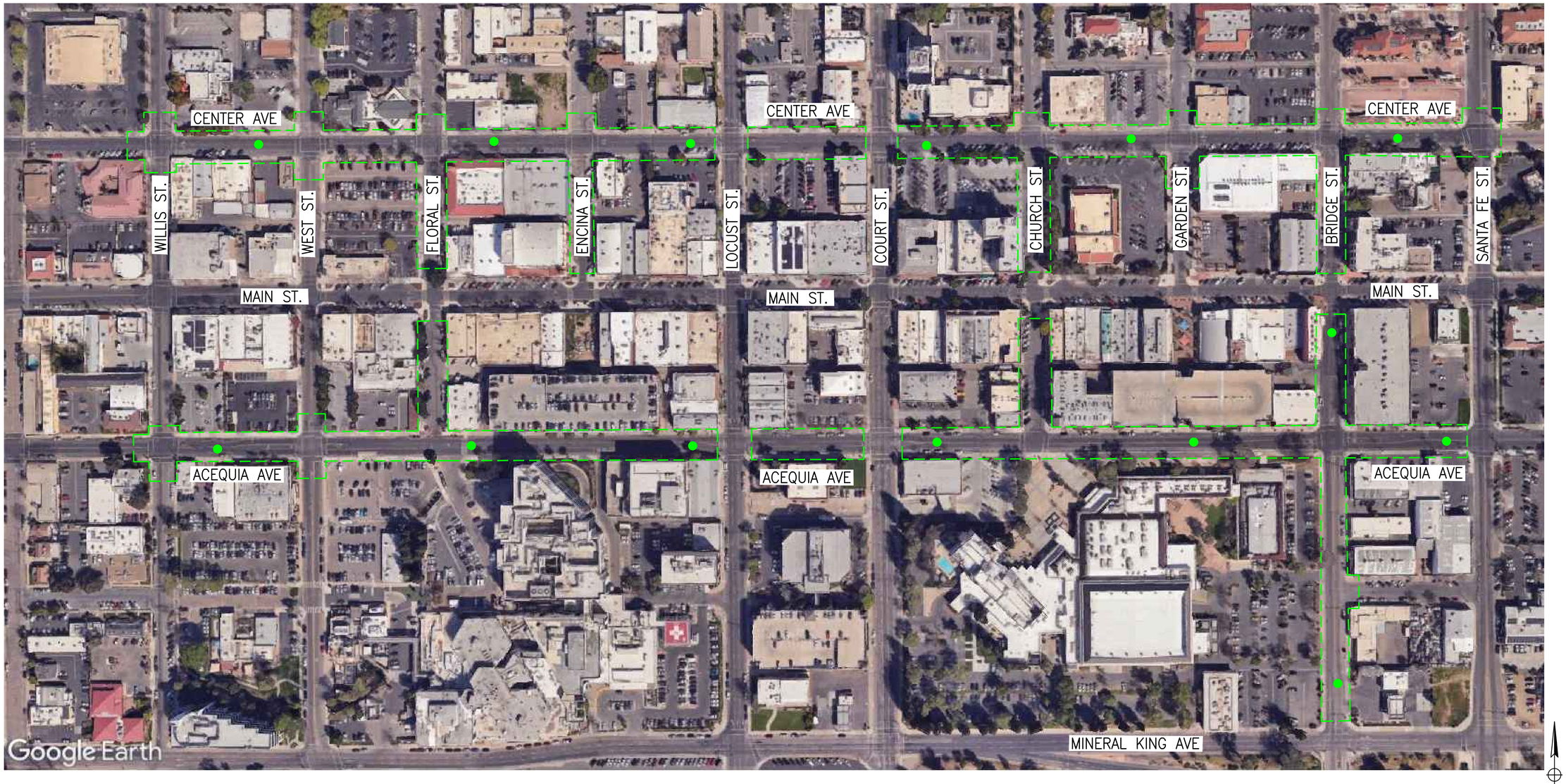
COMPENSATION

Consultant's fee for the services described herein shall be in accordance with Exhibit "B" and billed to the Client on a lump sum per task basis monthly on a percent complete basis.

City of Visalia
Acequia and Center Ave. Street Rehabilitation Project CP0601
Engineering Fee Proposal

Task	Description	Person-Hours								Other Direct Costs	Total
		Principal Engineer @ $240 /hr	Senior Civil Engineer @ $220 /hr	Civil Engineer @ $195 /hr	Staff Engineer @ $170 /hr	Clerical @ $100 /hr	Surveyor	Potholing	Geotechnical		
1	**PRELIMINARY ENGINEERING, BIDDING ASSISTANCE, AND CONSTRUCTION SUPPORT**										
1	Project Management	24	90	0	0	20				$150	$27,710
2	Project Initiation	2	8	2	2	6				$100	$3,670
3	Project Schedule	2	20	8	0	12				$50	$7,690
4	Public Outreach and Development	32	70	30	24	24				$500	$35,910
5	Topographic Survey	2	12	20	20	4	$75,100			$150	$86,070
6	Preliminary Right of Way Activties (if applicable)	2	6	8	8	8				$50	$5,570
7	Utility Coordination	2	20	10	40	4				$200	$14,230
8	Subsurface Exploration (T&M Optional)	2	10	8	4	2		$32,000		$100	$37,220
9	Pavement Core Sampling (Geotechnical Engineering)	2	6	8	4	2			$36,000	$100	$40,340
10	Civil Engineering Design	60	400	424	860	12				$500	$332,980
11	Electrical Design (Caltrans Signals submittal)	8	48	24	100	8				$50	$35,010
12	Bidding Services Assistance (T&M Optional)	8	20	24	12	4				$200	$13,640
13	Construction Support Services (T&M Optional)	40	120	80	24	24				$1,000	$59,080
	Total Task 1 Hours/Fee	**186**	**830**	**646**	**1098**	**130**					
										Subtotal =	**$699,120**

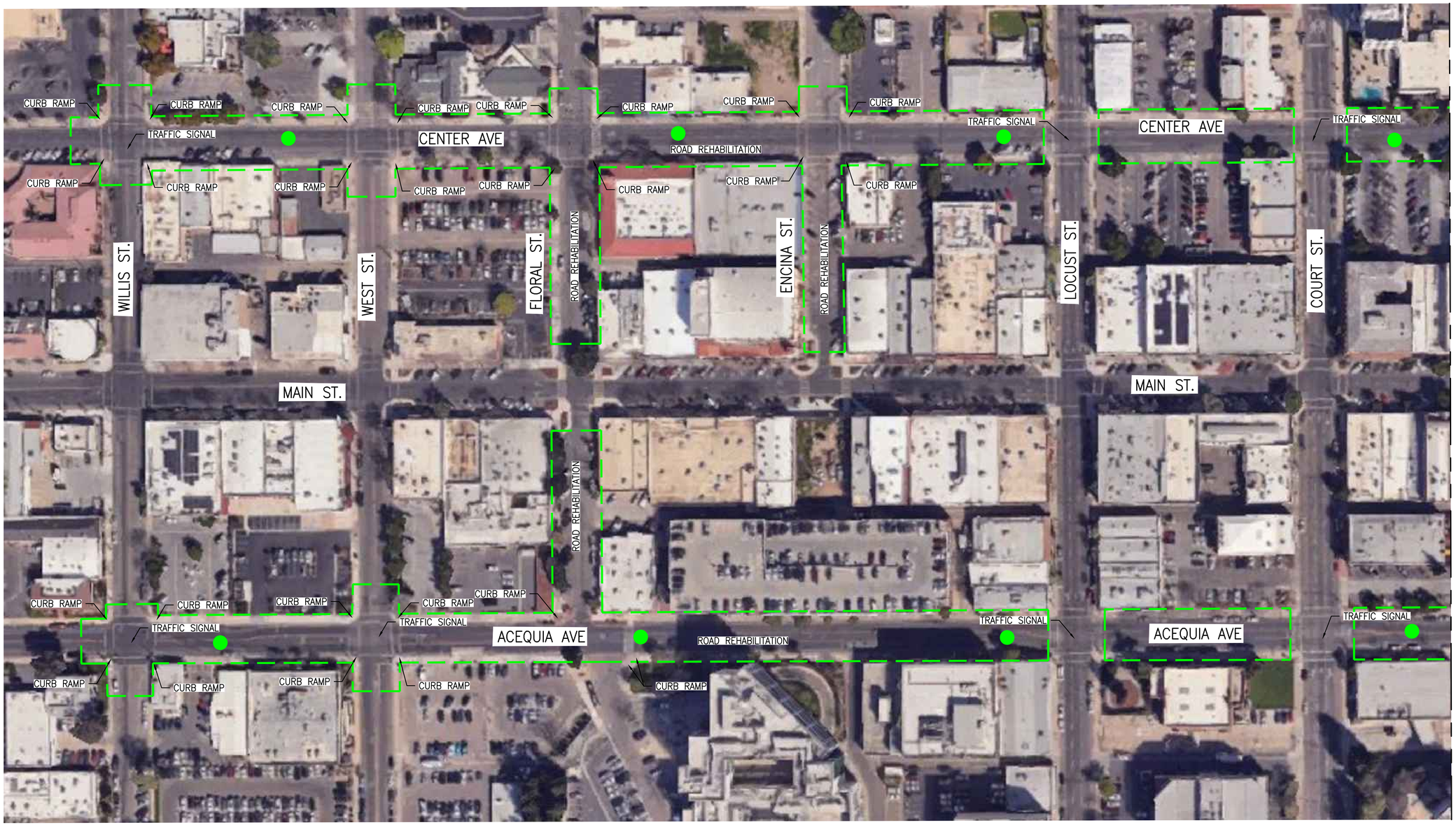
BORING LOCATIONS (R-VALUE TESTING AT ALL LOCATIONS)



PROJECT AREA

NOT TO SCALE

BORING LOCATIONS (R-VALUE TESTING AT ALL LOCATIONS)



SEE SHEET 3

WILLIS ST. TO COURT ST.

NOT TO SCALE

BORING LOCATIONS (R-VALUE TESTING AT ALL LOCATIONS)

CHURCH ST. TO SANTA FE ST.

NOT TO SCALE