

TASK ORDER NO. 4  
UNDER  
AGREEMENT FOR PROFESSIONAL CONSULTANT SERVICES – RFQ 769-22  
SERVICE GROUP CATEGORY 1 – ROADWAY AND STRUCTURES ENGINEERING

DATED DECEMBER 2, 2022

BETWEEN

THE CITY OF LANCASTER, "OWNER"  
AND  
PAVEMENT ENGINEERING, INC. "CONSULTANT"

PROJECT TITLE: 2025 PMP Preventative Maintenance Project (Reference: PWCP 24-021)

PROJECT DESCRIPTION: Prepare Plans, Specifications and Estimates (PS&E)

SCOPE OF WORK: Per Attached Exhibit "1", Scope of Services

PERIOD OF SERVICES: Per Attached Exhibit "2", Schedule

COMPENSATION  
FOR SERVICES: Per Fee Schedule - Not to Exceed \$109,440.00

"OWNER"

"CONSULTANT"

CITY OF LANCASTER

PAVEMENT ENGINEERING, INC.

By \_\_\_\_\_  
Marissa Diaz  
Director – Public Works

By \_\_\_\_\_  
Joseph L. Ririe, PE  
President

Date \_\_\_\_\_

Date \_\_\_\_\_

EXHIBIT “1”

SCOPE OF SERVICES

The work to be performed under this task order shall include:

- A. Task Order 4 – Scope of Services

## **EXHIBIT 1: SCOPE OF SERVICES**

### **PROJECT BACKGROUND, DESCRIPTION, AND LOCATION**

The City of Lancaster is looking to resurface approximately 3.3 Lane Miles of roads, as part of the 2025 PMP Road Rehabilitation Project. This project will include streets that are candidates for Rehabilitation treatments. The Consultant shall finalize Design Base Mapping, provide Final Pavement Recommendations, and provide quantities and other information necessary for the preparation of plans, specifications and estimates for this project, as part of this Task Order.

The proposed locations for the 2025 PMP Road Rehabilitation Project include the following:

#### **1 – 40<sup>th</sup> Street West from Avenue L to Avenue K**

PEI shall assist City of Lancaster in finalizing the project location list and treatment selection by Pavement Evaluation of the existing section and providing pavement recommendations up to the available construction budget.

One of the primary goals of the road improvements will be to extend the life of the roads by 5-7 years, proposed treatments may include a combination of strategic preventative maintenance treatments such as implementation of Slurry Seal, Micro-Surfacing, or Thin Maintenance Overlays.

### **GENERAL SCOPE OF SERVICES AND SCHEDULE**

The general scope of services includes:

1. Project Management, Progress Meetings and Coordination with City staff
  - 1.1 Coordination and Management of Sub-consultants (if any)
2. Research and Field Investigation
3. Utility Coordination, Notices and Letters including with local Bus Services/Routes
4. Preparing PS&E's in accordance with current City of Lancaster standards, policies and procedures
5. Civil Plans (PS&E's)
  - 5.1 Construction Plans

## 5.2 Striping, Signing and Marking Plans (Existing or Provided by the City)

### 6. Quantity Sheets

#### **ITEMS TO BE PROVIDED BY THE CITY**

The City will provide record street improvement plans, record storm drains and sewer plans, record recycled water, street lighting, traffic signal, striping/signing/marketing plans and any other record plans regarding city-owned facilities.

#### **DESIGN STANDARDS AND CONSULTANT EXPECTATIONS**

The proposed improvements shall, at a minimum, follow the City of Lancaster Municipal Code and Engineering Design Guidelines Policies and Procedures Manual. Consultant shall refer to the City's Master Plan of Trails and Bikeways and Complete Streets for the development of the signing, striping, and marking plans.

The Consultant shall provide to the City deliverables in hardcopy and electronic format as detailed in the City's Standards for CAD Deliverables. All drawings shall be prepared in AutoCAD.

#### **PROJECT PERSONNEL**

The Consultant shall adequately staff the project to deliver a high quality project on time and within budget.

The Consultant shall establish a single individual as PM/PE, who shall stay with this project from beginning to completion. The consultant shall obtain prior written approval of the City prior to replacement of PM/PE for any reason.

The PM/PE shall be a registered Professional Civil Engineer licensed by the State of California with minimum of ten years of experience in similar projects after obtaining registration.

The Consultant shall establish a single individual as Utility Coordinator, who shall stay with this project from beginning to completion. The consultant shall obtain prior written approval of the City prior to replacement of Utility Coordinator for any reason.

#### **ADDITIONAL INFORMATION**

The Consultant shall establish and apply internal accounting methods and procedures acceptable to the City for documenting and monitoring contract costs. The Consultant shall submit a consolidated monthly invoice in a format acceptable to the City and broken down in a manner consistent with the Task Order. The Consultant shall include with the monthly invoice a progress

report that reflects the work completed within the invoice period. Payments to the Consultant are to be in arrears. The Consultant must have actually incurred and paid the costs prior to invoicing the City.

The City shall make progress payments per the completed units detailed in Exhibit 3 submitted by the Consultant. The Consultant shall generate an invoice that details the specific units completed with a cost breakdown with hourly rates for each field function, shall provide sufficient back up to verify expenditures claimed and Consistency with fee grids submitted in the cost proposal and Exhibit “A” Rate Schedule in the Agreement for Professional Consultant Services RFQ 769-22 and a brief progress report describing work completed during the invoicing period, delay details if schedule is slipping, how the Consultant will recover the schedule to meet the contract completion date, and work to be completed in the next invoicing period.

The invoice must include a summary table that details the total contract price, previously paid, current invoice amount, and remaining balance.

Consultant shall not start work prior to receiving Notice to Proceed. The Notice to Proceed shall be issued in writing once the insurance documents are submitted and approved and a Task Order has been executed.

Consultant shall not perform additional work without written authorization from the City of Lancaster PM. Written Authorization shall come in the form of an Additional Authorization to the Task Order.

**This project shall comply with the requirements of SB 854 and Labor Code 1771.** Consultant shall be responsible for determining if any portion of its scope of work trigger the requirements of SB 854 and/or Labor Code 1771 and shall promptly notify City of any such requirement.

## **DETAILED SCOPE OF WORK**

### **TASK 1 PROJECT MANAGEMENT AND COORDINATION (INCLUDES UTILITY NOTICES/COORDINATION)**

Perform all project management, scheduling, utility notices (Letters A, B & C), quality control, and quality assurance tasks necessary to maintain the project schedule, budget, and a high- quality set of deliverables to the City. Consultant will maintain a project schedule and provide weekly project status reports throughout the duration of the project. Consultant shall notify the Project Manager of any scope, schedule or budget issues that may arise.

Coordination of meetings necessary for the work. For purposes of this proposal, PEI will assume that there will have five (5) in-person meetings including:

- One project kick-off meeting
- One meeting to discuss proposed treatments, estimated construction costs and final project location list
- One meeting to assure a quality base mapped project, 30% plan progress
- One meeting to discuss 60% plan progress
- One meeting to discuss 90% plan progress

Consultant shall organize up to two (2) additional meetings to complete the project. Additional meetings may include meeting with other agencies such as utility companies or neighboring municipalities (if necessary).

Consultant shall coordinate and work with the following City Divisions during design: Capital Program and Development Engineering Division (primary), City Engineering Division (Traffic Engineering Section), and Public Works Division (Utility & Maintenance Services Sections). Any correspondence between Consultant and City employees, other than the Project Manager, shall be copied same day to the Project Manager as well as in the final deliverables.

Although the design and construction of these project locations include primarily local road funds, the Consultant shall be responsible for determining permits required to construct the project. Consultant shall prepare for the City's signature any required permits from State, Federal or other agencies/entities.

For Utility Notices, Letter A shall be distributed at 30% design, Letter B shall be distributed at 60% design, and Letter C shall be sent at 100% design of PS&E' s. Continued communication, correspondence and coordination are expected between each Utility Notice until completion of project. Consultant shall receive and file current atlas/utility maps from all agencies and utilize all utility information for the development of PS&E's. Utility Letter Templates for A, B & C are provided in the appendix. Note: Consultant shall include in their proposal any potential costs for requesting utility maps, plans or data from any of the utility agencies during the utility notice process (Letter A, B & C) and design phase of the project. Consultant will be expected to adhere to all utility agency rules and regulations and may be asked to sign any non-disclosure agreements while obtaining utility maps.

Continued coordination throughout the project with the City is necessary including coordination with all utility agencies and AVTA.

The following is a list of the representative utility companies/agencies that shall be contacted (but not limited to):

- Southern California Edison
- Southern California Gas
- AT&T
- Frontier
- Sanitation Districts of Los Angeles County, District #14
- Spectrum
- Los Angeles County Waterworks (Consultant shall determine if any privately owned water companies are within the project boundaries and coordinate with those agencies)
- AVTA
- City of Lancaster (Sewer, Storm Drain, Recycles Water, Streetlights, Traffic Signals)

Consultant shall conduct surface identification of all utilities located at project locations. The Consultant shall submit to each utility company a preliminary set of plans that provide the project locations, proposed treatment (including depth of treatment) and identify any areas where existing utilities may conflict with the proposed improvements.

Consultant must provide quality assurance and control of survey, design plans, specifications, and estimates prior to each submittal. This task is required to verify that no unsafe design changes have been made or proposed, geometric layout has not been critically altered, improvement goals are being met, economy of project is maintained, plans are consistent across improvements, there are no conflicts between trades, and construction integrity of the design is insured.

## **TASK 2 RESEARCH AND GEOTECHNICAL SERVICES**

### **2.1 Research**

Research shall include all avenues required that may be used in support of the engineering design improvements between the project limits, to produce a complete PS&E package; as a minimum, the following shall be provided:

- Research all existing record drawings from City, County and/or other agencies that have jurisdiction within the project sites and record drawings or atlas/utility maps. Consultant shall verify the details/items represented on all record drawings obtain all updated record drawings from proper sources.
- Research all survey records and obtain tie sheets, field books, monument recovery notes and/or street improvements plans depicting centerline of ROW survey monumentation from the County other than City issued records.

- Research pertinent record maps, vesting deeds and Assessor Parcel information to compile the boundary lines from a "best fit" combination of these record sources.
- Consultant shall perform a field review. The field investigation will be used to document general alignment, visually evaluate any noticeable or potential drainage issues, and to take note of issues that may affect the design. In addition, the Consultant shall take the opportunity to verify existing record plans, utility responses, and survey information available at the time of the field visit. A photo log of the site shall also be provided to the City.

### **TASK 3 MAPPING AND SURVEYING SERVICES & BASE MAPS (30% PLANS, TREATMENT SELECTION & ESTIMATE)**

#### **3.1 Mapping and Surveying**

Field survey shall include all mapping and surveying tasks required to produce a complete topographic map that may be used in support of civil design of improvements at each location for this project including all extended and transition limits for the purpose of striping, signing and markings. Surveying may include the following:

Perform centerline control survey. All centerline intersections, beginning and ending curves and major control points shall be found (or established if not existing) and measured. If a point must be reset to establish the centerline, a corner record and/or record of survey must be filed with the County for all set points and a copy returned to the City.

PEI shall conduct the design surveying as necessary for the final engineering work. Topographic base map will be produced by ground survey methods. The base maps shall identify all existing street improvements, drainage structures, fire hydrants, utility facilities, landscaping, striping, markings, signs, streetlights, and other appurtenant improvements in each project area.

PEI's survey crew shall conduct site visits to gather data and details needed to design the project. The latitudinal limits of the survey will be within the street right-of-way and 250' past the intersection unless otherwise specified.

All elevations shall be referenced to the closest found City and County benchmark. Flow line elevations along the gutter will be included to determine the limits of removal for curb and gutter. Design cross sections shall be plotted using a 1:4 vertical and a 1:40 horizontal scale at 50' intervals to depict proposed and existing elevations and cross slope.

### **3.2 Base Map**

Develop and/or update an electronic base map of the selected street areas for both project sites. City will provide incomplete base maps for one of the two project locations. PEI will be responsible for verifying that information is accurate and complete. Base maps shall be compatible with the City's current ACAD system. The development of the base maps shall consist of surveying and drafting plan locations showing all surface and underground utilities, asphalt concrete limits, and striping and signage. Each surveyed feature shall be clearly labeled or noted by a symbol as identified in the field.

The Consultant shall prepare all base maps in accordance with the latest City of Lancaster Engineering Design Guidelines and label all land uses on base maps. Base mapping shall be field verified to ensure base mapping is reflective of existing conditions. Wherever the City guidelines are absent of the latest industry updates, standards or details, PEI shall utilize the latest Standard Specifications and Plans for Public Works Construction (Green Book), the Los Angeles County Department of Public Works Design Standards and Caltrans Standards. Wherever there are conflicts in design standards, PEI shall submit a clarification in writing to the Project Manager for direction and approval. In most cases, the more stringent standards shall apply to the design and development of PS&E's.

Plans shall be in English units and must conform to Caltrans, Federal, City, and County standards, regulations, policies, procedures, manuals, and practices. PEI shall provide clear, concise, and complete Plans. PEI shall include other details that are of benefit to and/or requested by the City, such as existing utility covers, existing driveways, curb ramps, etc., and to provide enough detail to delineate pavement limits.

## **TASK 4 ENGINEERING PLANS (60%, 90%, 100% PS&Es)**

### **4.1 General**

PEI shall prepare construction documents (PS&E's) for the project, which shall cover the work necessary to bid and construct the improvements described in this Task Order (including quantities of each individual item and treatment that would be included in bid schedule). The plans shall show tie back into existing curbs or AC edge of pavement and flow line. PEI shall make all submittals in hardcopy (3) and electronic (editable and PDF) copies on disk. The following submittals are envisioned for the completion of the design: 30% Plans, (covered under Task 3), 60% PS&E, 90% PS&E, and 100% (Final) PS&E's.

Existing roadways, structures, utilities, and other items affected by the project will be shown in addition to the proposed construction. The plans will include vertical and horizontal layout and design, pavements, existing curb ramps, typical sections, details, existing signing and striping, ROW and property lines and any necessary details.

The following plan sheets are anticipated to be in the design:

- a) Title sheet - Includes project information, vicinity map, location map, benchmark, sheet index, and City and utility contact information.
- b) Notes - Contains standard City and Engineers notes, legend, and abbreviations.
- c) Survey Control (as necessary) - Contains Surveyor's notes and benchmark information, control data, curve and line tables, and plan showing control points and start/end construction labeled in cyan and right-of-way lines labeled in proper colors per City of Lancaster standards.
- d) Sections and Details - Contains typical roadway sections, sheet layouts, and details for work described on the plans.
- e) Demolition Sheet - Shows items to be removed, relocated, or protected.
- f) Plan Sheets - For the street improvements, standard roadway plan sheets shall be used. The plan view will be prepared at a scale of 1"=40' for horizontal and 1"=10' for vertical. Utility modifications to relocate clear of the proposed improvements shall also be shown on the plan view of the sheets. The sheets will provide the appropriate construction call outs, including limits of the project, pavement areas, curb, gutter, ramps, and other details necessary to construct the project. The plans will include sufficient detail to locate the improvements based on roadway station callouts and horizontal line and curve data. The plan will include the right-of-way clearly marked and adjacent properties identified by parcel number and property owner.
- g) Construction Details - Project details will be included as necessary. Details may include pavement section details, drainage details, utility relocation details, new utility construction details, etc. for the project design. However, details may also include curb return conforms or grading details. In addition, specific design criteria will be provided to accommodate and create safe and ADA compliant pedestrian facilities. Pavement will be designed to the same structure as existing intersection pavements or based on a resulting Geotechnical report R-values and Testing and Traffic Index as provided by the City.
- h) Striping, Signing and Marking Plans - The plans will use California MUTCD references and detail numbers, where applicable and available, and specific information to specify signing, striping or pavement markings not included in the current manual. A schedule of proposed striping and a schedule of pavement markings to be provided by the City. Thermoplastic shall be included for all long ling striping, including but not limited to, lane lines, broken lane lines, double solid lines, and edge lines. Project limits to include all required approach striping. For Signs, the size, shape, lettering type and size, colors, and symbols, to specify signs not included in the current manual. A schedule of proposed signs to be provided by the City. Project limits to include all required approach signing.

- i) Final Bid Set - 100% PS&E's - Final Plans, Specifications and Estimates include 100% plans, stamped and signed for Bid package.

### **Phases for PS&E's**

(For 30% Plans, see Task 3)

#### **4.2 60% PS&E's**

Prior to 30% PS&E's PEI shall have met with the City of Lancaster to obtain approval of proposed FINAL treatment selection and project segments. The Final project segments shall be mapped as per Task 3. After approval of the base plans (30% Plans), the Consultant will produce 60% design documents. The 60% design documents will include preliminary plans, technical specifications, and estimates (i.e., rough order of magnitude, or opinions of probable construction costs). The plans will include horizontal control and call-outs to sufficiently layout the design elements (plan and profile, survey control, demo plans, curb, gutter, existing striping/signing/markings plans, affected utilities such as manholes, vaults, handhole boxes, etc., miscellaneous utility improvements and construction details) PEI shall identify any major drainage issues (i.e., low points). Following the submittal and the 60% review, PEI will arrange to meet with the City to discuss the design comments. The City will provide PEI with one non- conflicting set of redline mark-up plans. Utility Notification Letter B to be sent with 60% plans to all utilities per Task 1. Engineer's estimate shall be drafted and totaled for City Engineer's review; draft shall follow City's Bid Schedule format (sample to be provided by City).

PEI shall assist the City with the Traffic Engineering documents, including plans, specifications and estimates (PS&E), for construction. The City will provide the main body of the specifications called Part D; specifications expected of PEI shall be limited to technical provisions required to meet design intent by the consultant such as but not limited to details, cut sheets and specifications for items beyond the Greenbook. Part D shall remain as close as possible to the template provided by the City. Technical changes and recommendations shall be approved by the City.

#### **4.3 90% PS&E's**

Based on the 60% comments, PEI will bring the 60% design documents to a 90% level of design. The 90% design documents will include plans and estimates for the project. The plans will include necessary horizontal control in addition to vertical grades to layout the design elements, including detailed grades at curb returns, profiles, details on existing or proposed utilities and sufficient details to construct all the design elements; design documents shall street improvements plans, striping/signing/markings plans (provided by the City) and construction details.

Prior to the 90% submittal, PEI shall verify quality assurance of the horizontal and vertical control of the proposed layout to verify that the design is accurate with respect to City sign standards and

that no unsafe design changes are proposed, and construction integrity of the design is maintained.

Following the 90% submittal and City review, PEI will arrange to meet with the City to discuss the design comments. The City will provide PEI with one non-conflicting set of redline mark-up plans.

**PS&E's for Final Bid Set** - Final Plans include 100% plans, specifications and estimates, stamped and signed for Bid package. PEI shall deliver 100% construction documents (Final Bid Set). No formal meeting is anticipated following City review.

## **TASK 5 DELIVERABLES**

PEI shall provide to the City deliverables in hardcopy and electronic format for all phases shown below and as detailed in the Capital Program Division's Standards for CAD Deliverables, WORD (Specifications) and EXCEL (Estimate) files. Provide hard copies in numbers as stated.

Cost of the following deliverables shall include reimbursable costs including but not limited to shipping, supplies, etc.:

### **5.1 Project Management, Coordination and Utility Notices**

- a. PDF of Kick-off Meeting (1) (Agenda and Minutes)
- b. PDF of Cope Acceptance Meeting (Agenda and Minutes)
- c. PDF of Progress Meetings (3) (Agenda and Minutes for 30%, 60% and 90%)
- d. PDF of Utility Meetings, Coordination Calls/Emails, Correspondence, Notification Letters (B & C) and all Utility issued record Maps (WORD for Utility Notification Letters)
- e. PDF copies of Permit Documentation/Correspondence/Notices (if permits necessary)
- f. PDF and MICROSOFT PROJECT FOR GANTT CHART of Detailed Project Schedule
- g. A disk containing a copy of utility contact log and utility notifications/request for information/record drawings research letters.
- h. Excel Spreadsheet Report of Affected Utilities for Adjustment.

### **5.2 Research**

- a. PDF of all record maps not issued by City (street, storm, sewer, electrical etc.)
- b. PDF of all atlas/utility maps not issued through Letter B & C process

- c. PDF of all of survey records, tie sheets, field books, monument records, etc.  
(not provided by City)
- d. PDF of boundary and ROW maps obtained
- e. PDF of all record maps, vesting deeds and Assessor Parcel information (not provided by City)
- f. PDF of all incidental research documents (not provided by City)
- g. PDF Revised Pavement Recommendation Report (Report shall include treatment options with cost to life-cycle recommendations, and constructability considerations).

### **5.3 Mapping, Surveying and Base Map (30% Plans)**

- a. Consultant shall provide to the City deliverables in hardcopy and electronic format as detailed in the Capital Program Divisions Standards for CAD Deliverables
- b. A disk containing digital photos taken during the field survey
- c. PDF copies of all maps/exhibits/data obtained during the course of the survey
- d. PDF copies of list of APN's and identification of areas where ROW acquisition would be needed.
- e. A disk containing copies of all survey records from tie sheets, field books and monumentation recovery notes not issued by City (if recording of monumentation was required during the course of the fieldwork).
- f. 30% Plans (demolition, street layout, plan and profile, storm drainage, water facility, street lighting electrical and traffic signal, landscaping and irrigation, preliminary existing striping/signing/markings and any preliminary construction details)
- g. A disk containing editable AutoCAD files of all legal descriptions, exhibits, and road deeds.
- h. Excel Spreadsheet of Centerline and corner tie quantities and locations for replacement after construction.

### **5.4 Plans (60%, 90% & 100% PS&E's)**

- a. 60% Plans and Estimates (P&E's) - (3-hard copies)
- b. 90% PS&E's (3-hard copies)
- c. PDF copy of list of APN's and identification of areas where ROW acquisition will be needed (for 60%, 90% and 100% phases).
- d. Excel Spreadsheet of Material Testing Quantities

- e. Excel Spreadsheet of Bid Item Quantity Inspection sheets (Breakdown by street segment)
- f. PS&E's Final Bid Set (100%) - stamped and signed (3-hard copies)
- g. Consultant shall provide to the City deliverables in hardcopy and electronic format for all items a. through h. described above.

**ADDITIONAL SERVICES NOT INCLUDED**

Services other than those set forth in this exhibit shall constitute extra services. Extra services include but are not limited to, attendance at meetings other than those included in the Scope of Services, additional plan sheets, topographic survey, etc. shall be considered additional services and will be performed only with written authorization from the City and for additional fees to be negotiated prior to authorization.

EXHIBIT "2"

SCHEDULE

A. Task Order 4 – Schedule

## EXHIBIT 2: SCHEDULE

Immediately following selection, the selected Consultant will be notified with a Notice of Intent to Award. Task Order will be processed and executed as soon as possible, and shall be in place prior to Notice to Proceed.

<b>TASKS</b>	<b>COMPLETE BY</b>
Council Approval/Notice to Proceed	12/10/2024
60% Submittal #1	12/17/2024
60% Submittal #1 Comments	1/21/2025
90% Submittal #2	2/18/2025
100% Submittal #3	3/11/2025
Final 100% Phase 2 Submittal	4/1/2025
Phase 2 Notice Inviting Bids	4/8/2025
Phase 2 Advertise	4/24/2025
Phase 2 Addendum	5/6/2025
Phase 2 Bid Opening	5/13/2025
Phase 2 Staff Report Due	5/27/2025
Phase 2 Award	6/24/2025
Phase 2 Construction Start	7/28/2025

City review periods, as noted in Exhibit 1, are included in this schedule; no additional time will be awarded for allowable time with City.

*With submittal of a Proposal, the Consultant acknowledges understanding and awareness of the proposed schedule. No price adjustments will be permitted for acceleration.*

EXHIBIT “3”

FEE SCHEDULE

The Consultant shall maintain separate costs and shall identify the specific costs. The costs under this task order shall include:

A. Task Order 4 – Fee Schedule

**EXHIBIT 3: PAYMENT AND FEES\***

TASK NO.	DESCRIPTION	PRICE
<b>1.</b>	<b>PROJECT MANAGEMENT and COORDINATION</b>	<b><u>\$14,240.00</u></b>
<b>2.</b>	<b>RESEARCH SERVICES</b>	<b><u>\$5,400.00</u></b>
2.1	Research	
<b>3.</b>	<b>MAPPING &amp; SURVEYING SERVICES</b>	<b><u>\$26,100.00</u></b>
3.1	Mapping and Surveying	
3.2	Base Map	
3.3	Concept Level Budget Analysis	
<b>4.</b>	<b>PREPARE DIAGRAMMATIC "FOR CONSTRUCTION" EXH</b>	<b><u>\$63,700.00</u></b>
4.1	Prepare Diagrammatic Exhibits (30%)	
4.2	Prepare Diagrammatic Exhibits (60%)	
4.3	Prepare Diagrammatic Exhibits (90%)	
4.4	Prepare Diagrammatic Exhibits (100%)	
<b>TOTAL COST*</b>		<b><u>\$109,440.00</u></b>
TIME AND MATERIALS NOT TO EXCEED		

TOTAL COST AMOUNT WRITTEN IN WORDS \_\_\_\_\_  
 one hundred nine thousand four hundred forty dollars \_\_\_\_\_

\*\* Hours are for progress tracking purposes only. This is a lump sum not to exceed contract to provide services as described in Exhibit 1, *complete*. Additional hours and associated costs will only be considered for change in scope and must be authorized in writing prior to expenditure.



## Pavement Engineering Inc. 2023 PROFESSIONAL FEE SCHEDULE

### Engineering Services

Senior Principal Engineer .....	\$260/hr
Principal Engineer .....	\$230/hr
Senior Associate Engineer .....	\$200/hr
Associate Engineer .....	\$180/hr
Assistant Engineer .....	\$175/hr

### Technical Services

Project & Construction Managers .....	\$175/hr
Laboratory Manager .....	\$180/hr
Senior Engineering Technician.....	\$155/hr
Engineering Technician .....	\$140/hr
Inspector* .....	\$140/hr
Laboratory Technician.....	\$115/hr
Clerical .....	\$ 80/hr

### Field Services

PW Deflection Testing** .....	\$525/hr
PW Deflection Testing Travel* .....	\$360/hr
PW Coring** .....	\$430/hr
PW Traffic Control.....	\$280/hr
PW Coring Travel / Traffic Control Travel*.....	\$225/hr

\*Two (2) hour minimum      \*\*Four (4) hour minimum

### Basis of Charges

#### Miscellaneous Charges

Equipment rental, reproductions, testing (other than by PEI), photographic expenses and other outside services:..... Cost + 15%

#### Payments

Invoices will be submitted either semi-monthly or monthly and are payable upon receipt. Interest of 1-1/2% per month (but not exceeding the maximum rate allowable by law) will be payable on any amounts not paid within 30 days, payment thereafter to be applied first to accrued interest and then to the principal unpaid amount. Attorneys' fees or other costs incurred in collecting any delinquent amount shall be paid by the client.



### California Levine Act Statement

California Government Code Section 84308, commonly referred to as the "Levine Act," prohibits any Lancaster official from participating in any action related to a contract or application if he or she receives any political contributions totaling more than \$250 within the previous twelve months, and for twelve months following the date a final decision is rendered.

The Levine Act also requires a Lancaster City official who has received such a contribution to disclose the contribution on the record of the proceeding.

Current Lancaster City Council Members are listed at:

<https://www.cityoflanasterca.org/government/city-officials/city-council-copy>

Current Planning Commissioners are listed at:

<https://www.cityoflanasterca.org/government/commissions-appointments/planning>

Proposers are responsible for accessing this link to review the names prior to answering the following questions.

1. Have you or your company, or any agent/board member on behalf of you or your company/entity, made any political contributions of more than \$250 to any Lancaster City Council Member or other city official in the 12 months preceding the date of the submission of your proposal or application, or the anticipated date of any Council action?

YES If yes, please identify the Council Member(s)/city official(s):

NO

2. Do you or your company/entity, or any agency on behalf of you or your company/entity, anticipate or plan to make any political contribution of more than \$250 to any Lancaster City Council Member or other city official in the 12 months following any Council action related to your proposal or application?

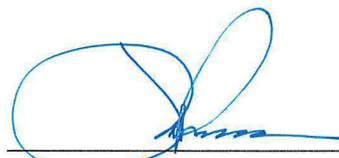
YES If yes, please identify the Council Member(s) /city official(s)::

NO (Please note that if this is a contract lasting more than one (1) year that you must update this form if there are any contributions made after the contract is awarded)

Answering yes to either of the two questions above does not preclude the Lancaster City Council from awarding a contract or approving an application or any subsequent action. It does however, preclude the identified Council Member (s) from participating in any actions related to your proposal or application.

10/28/2024

Date



Signature of authorized individual

Pavement Engineering Inc

Company/Applicant Name

Joseph L. Ririe  
President