

## City of Stephenville – Scope of Services

Project - Pavement Management Services

Firm: Eugene C. Calvert, PE

September 9, 2024

### Project Description

The following Scope of Service describes the services and project tasks to be performed and completed by Eugene Calvert (ENGINEER) for the City of Stephenville, (OWNER) for PAVEMENT MANAGEMENT SERVICES for the City maintained streets within the City of Stephenville, Texas.

### Scope of Services

Listed below is a specific description of tasks to be performed as part of the project.

### Pavement Analysis

- I. **Task Orders.** The Engineer shall provide services as detailed in the attached Pavement Analysis Task Order. Each Task describes the scope of Work to be performed by the Engineer and/or Subcontractor (Transmap Corporation), including as applicable and without limitation, a description of the items to be delivered (the "Deliverables"), timing requirements, reporting, quality and acceptance criteria, and the applicable Fees. The Task Order is attached to and incorporated into this Agreement.
- II. **Proprietary Information.** Except when otherwise authorized in writing by the Owner, all drawings, specifications, technical data, digital data, and other information furnished to the Engineer either by the Owner or developed by the Engineer or others in connection with the Scope of Services are, and will remain the property of the Owner and may not be copied or otherwise reproduced or used in any way except in connection with the Scope of Services or used in any manner detrimental to the interests of the Owner or Engineer.
- III. **Jurisdiction and Severability.** The laws of Texas shall govern the validity of this Agreement, its interpretation and any claims related to it. If any of the provisions contained in this Agreement are held invalid, illegal, or unenforceable, the enforceability of the remaining provisions shall not be impaired thereby. Limitations of liability, indemnities, and other express representations shall survive termination of the Agreement for any cause.
- IV. **Termination.** All or part of this Agreement may be terminated by the Owner at its convenience. In such an event, the Engineer will be entitled to compensation for Services competently performed up to the date of termination. The Engineer will not be entitled to compensation for services not performed.
- V. **Schedule.** The schedule and/or terms of completion for the performance of the Work under this Agreement shall be 90 days or as mutually agreed from the date of the Notice to Proceed. If the Engineer or Owner estimates that the Work will not be completed by the mutually agreed upon schedule or time of completion and the Engineer does not propose a solution satisfactory to the Owner, the Engineer will accelerate services until such time as the Owner determines that progress conforms to the completion of the Pavement Management Services.

**Compensation**

The Owner shall compensate the Engineer on a lump sum amount of per Task as defined in the Pavement Analysis Task Order. Total compensation shall not exceed \$52,940.10 unless otherwise approved by the Owner. Invoices shall be submitted monthly by the Engineer, in a format acceptable to the Owner, based upon the percentage of SERVICES completed to date. The Engineer shall seek written approval for any SERVICES outside of the stated scope before performing said SERVICES.

Engineer is responsible for all costs of the Subcontractor.

**Owner: City of Stephenville**

**Engineer: Eugene C. Calvert, PE**

By: \_\_\_\_\_

By: \_\_\_\_\_

Print name: Doug Svien

Print name: Eugene Calvert, P.E.

Title: Mayor

Title: Owner

Date Signed: \_\_\_\_\_

Date Signed: \_\_\_\_\_

Engineer Firm's Certificate No.: 114916  
State of Texas

Address for Owner's receipt of notices:

Address for Owner's receipt of notices:

City of Stephenville - Attn: Nick Williams, P.E.  
298 W Washington Street  
Stephenville, Texas 76401  
254-918-1223

Eugene C. Calvert  
207 S. Fairway Street  
Henrietta, Texas 76365  
254-595-3173

Eugene Calvert PE

**City of Stephenville, Texas  
Project - Pavement Management Services**

**Pavement Analysis Task Order**

<b>Task</b>	<b>Description</b>	<b>Comments</b>	<b>Total</b>
1.1	Field Data Collection	Transmap will utilize their Crack Map 3D technology (LCMS) for pavement collection - 100% coverage - 360-degree image view of all roadways (ROW) with their panoramic Ultra HD solution - Ground based LIDAR. 90 centerline miles.	\$10,439.10
1.2	Advanced Inspections - 100% Analysis of All Through Lanes	Transmap will process all the data collected in the field. Delivery of Crack Map Orthophotography (MrSID of cracks on an image), Crack intelligence data (Rankings of all the cracks, hot spot analysis), Image delivery, Ride Quality failed location	\$5,489.00
1.3	Network Setup and Review	Transmap will use the Agency's centerline file and create the necessary fields, ID's and formatting to produce a pavement centerline	\$327.00
1.4	ASTM D6433 Network Level Formatting	ASTM D6433 distress standards / Average pavement width included. 1,050 street sections.	\$7,392.00
1.5	PMS PCI Load	Formatting distress data and centerline file for mass load to produce official PCI results	\$2,723.00
1.6	GIS Integration	Transmap will link all PCI data to the Agency's centerline file	\$1,090.00
1.7	True Area Calculation	Transmap will update PAVER and the Agency's GIS file to represent the True Area of pavement - True area will be an accurate width of pavement not just an average width from samples - This will assist the Paving Manager with actual widths to establish cost to replace pavement	\$4,578.00
1.8	Pavement Management Practice Definition "Boot Camp"	Transmap will meet with the agency to review maintenance/rehabilitation activities, analysis procedures, and collect any existing information on roadways (ADT data, construct dates, maintenance dates, etc.) This process will setup the reporting task	\$4,235.00
1.9	Reporting	Transmap will put together written/tabular and GIS map data to support traditional preventative maintenance pavement reporting - Budget scenarios with actual dollar amounts per M&R activity - 5-year work plan	\$6,028.00
2.1	Transmap Project Management	Standard project management includes staff allocation, phone calls, overall project coordination and updates	\$5,014.00
2.2	Eugene Calvert PE Project Management	Project management includes phone calls, travel expenses, overall project coordination, updates and project reporting	\$5,625.00

Total                      \$52,940.10



Eugene C. Calvert, PE  
Texas Firm # 114916