

Public Works

STAFF REPORT



SUBJECT: 2024 Pavement Condition Index Update
MEETING: Public Works Committee Meeting – 17 SEP 2024
DEPARTMENT: Public Works
STAFF CONTACT: Nick Williams

RECOMMENDATION:

Staff supports approval of the professional services agreement with Eugene C. Calvert, P.E. for Pavement Management Services to update the Pavement Condition Index for the city's street network.

BACKGROUND:

The city's street network includes approximately 87 centerline miles of local roadway, not including state highways, consisting primarily of asphalt surfaces as well as some concrete and brick paving.

A pavement analysis captures data to classify existing pavement conditions and helps to identify solutions for future pavement treatments and maintenance programs. The last pavement analysis was performed in 2018.

PROPOSAL

A proposal from the firm of Eugene C. Calvert P.E., former Stephenville City Engineer, is attached to this memorandum. Mr. Calvert proposes to utilize the services of Transmap Corporation, as a sub-contractor, for pavement data collection.

The scope of work includes the use of automated data collection technology whereby each street is photographed with camera-mounted vehicles using a laser crack measurement system, analyzed to determine the extent and severity of multiple types of distresses, and assigned a pavement condition score. Data is then loaded into MicroPAVER, a software developed by the US Army Corps of Engineers, for analysis where a multi-year workplan will be developed. Mr. Calvert proposes to complete the work within 90-days.

FISCAL IMPACT SUMMARY:

Project funding for the \$52,940.10 cost is available in the adopted FY23-24 budget. The Finance Department has confirmed ample funds exist to perform the full project scope.

ATTACHMENTS:

A copy of the proposal is attached for review.