



CITY OF NOVI CITY COUNCIL
NOVEMBER 17, 2025

SUBJECT: Approval to award services to ICC-IMS through the TXShare cooperative purchasing program, in the amount of \$101,865 to perform a road condition survey of the City's roads.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering Division

KEY HIGHLIGHTS:

- Road condition data will be collected for approximately 245 miles of City-owned major and local roads.
- City staff recommend utilizing ICC-IMS's services as the technology used will provide more accurate data, including structural integrity.

	FY 2025/26
EXPENDITURE REQUIRED	\$ 21,391.70 Major Roads <u>\$ 80,473.55 Local Roads</u> \$ 101,865.25 Total
BUDGET Major Street Fund 202-449.30-805.000 Local Street Fund 203-449.30-805.000	\$ 24,300 Major Roads <u>\$ 80,474 Local Roads</u> \$ 104,774 Total
APPROPRIATION REQUIRED	\$ 0
FUND BALANCE IMPACT	\$ 0

BACKGROUND INFORMATION:

Historically, road condition data has been collected manually by the City's engineering consultants. This entails driving every City-owned road and visually rating

the roads based on the PASER (Pavement Surface Evaluation and Rating) scale. While this technique is sufficient, it is time-consuming and involves some errors. For example, one person may rate a road differently than another person, and environmental factors, such as how the sun is hitting the pavement, may obscure road defects. Staff recently utilized ICC-IMS to collect sidewalk condition data for City sidewalks. The company, International Cybernetics and Infrastructure Management Services (ICC-IMS), also offers road condition surveys using an IrisPRO Pave™. The IrisPRO Pave™ collects georeferenced, high-resolution 3D imagery of the pavement surface, and longitudinal and transverse profile measurements. The data can be used to quantify the type, severity, and quantity of surface distresses. All the data collected can be integrated into the City's existing GIS system. The City will have a 90-day free trial and one year paid (15 months) to use ICC-IMS's online data visualization platform, after which an annual fee would be applied to continue use of the platform (\$2,262.00/year).

Additionally, a structural survey will be performed with a Fast-Falling Weight Deflectometer, which will provide data on the structural integrity of the road base course. City staff recommend utilizing ICC-IMS's services as the technology used will provide more accurate data, including structural integrity. The integrity data could help reduce and improve geotechnical investigations.

Staff obtained a proposal from ICC-IMS to collect road condition data for approximately 245 miles of City-owned major and local roads. The attached proposal outlines the scope of services and provides a budgetary estimate of \$101,865.25. City engineering consultant, AECOM, recommends utilizing ICC-IMS's services as they were unable to find other comparable companies offering these services. The proposal pricing is based on the pavement analysis services awarded through the TXShare cooperative purchasing program (Agreement #2022-063). The TXShare Cooperative Purchasing program is operated by the North Central Texas Council of Governments (NCTCOG). The road survey would take one to two months to complete and would begin in the spring.

RECOMMENDED ACTION: Approval to award services to ICC-IMS through the TXShare cooperative purchasing program, in the amount of \$101,865 to perform a road condition survey of the City's roads.