



CITY OF NOVI CITY COUNCIL
FEBRUARY 24, 2025

SUBJECT: Approval to award services to ICC-IMS through the TXShare cooperative purchasing program, in the amount of \$68,097 to perform a sidewalk condition survey of the City's sidewalks.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering Division

KEY HIGHLIGHTS:

- Sidewalk condition data will be collected for approximately 220 miles of City concrete sidewalk along major and local roads.
- City engineering consultant, AECOM, recommends utilizing ICC-IMS's services as they were unable to find other comparable companies offering these services.

	FY 2024/25
EXPENDITURE REQUIRED	\$ 68,097
BUDGET Municipal Street Fund 204-446.00-975.024	\$ 68,097
APPROPRIATION REQUIRED	\$ 0
FUND BALANCE IMPACT	\$ 0

BACKGROUND INFORMATION:

Over the last five years, City staff have been researching and developing a neighborhood sidewalk repair program. A pilot program was completed in Meadowbrook Glens in 2022, followed by a second program in 2024 that repaired sidewalks in five subdivisions (Chase Farms, Willowbrook Farms, Bristol Corners, Yerkes Manor, Westminster Village). For the 2022 and 2024 programs, the City's engineering consultants walked each sidewalk and manually measured deflections and noted

other deterioration. While this technique is sufficient, it is time-consuming and involves some human error.

For the next phase of the neighborhood sidewalk repair program, staff are proposing a multi-year program that will divide the city into districts and will address neighborhood sidewalk repairs in at least one district per year. Having sidewalk condition data for all city sidewalks prior to planning the multi-year program would be ideal.

Staff recently became aware of a company that provides sidewalk condition surveys. The company, International Cybernetics and Infrastructure Management Services (ICC-IMS), uses a golf cart-like vehicle equipped with sensors to accurately measure deflections and gaps in the sidewalk joints. Additionally, the data can be used to quantify the type, severity, and quantity of surface distresses. Sidewalk imagery is also collected and made available for review. 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).

Staff obtained a proposal from ICC-IMS to survey its sidewalks along major and local roads. The attached proposal outlines the scope of services and provides a budgetary estimate of \$68,097. 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 sidewalk survey would take 1-2 weeks to complete plus 2-3 weeks to process the data.

RECOMMENDED ACTION: Approval to award services to ICC-IMS through the TXShare cooperative purchasing program, in the amount of \$68,097 to perform a sidewalk condition survey of the City's sidewalks.