



City Council Report

Date: May 18, 2026
To: City Council
Through: Michael Kennington, Deputy City Manager/Chief Financial Officer
From: Edward Quedens, Business Services Director
Kristy Garcia, Procurement Administrator
Subject: Three-Year Term Contract with Two-Year Renewal Options for Radar Type Vehicle Detection Systems for Intelligent Transportation Systems for the Transportation Department (Sole Source) **(Citywide)**

Recommendation

Council is requested to approve the award as recommended.

The Transportation Department and Procurement Services recommend awarding the contract to the sole source vendor, Summit Traffic Solutions in an amount not to exceed \$500,000, with an annual increase allowance of up to 5% or the adjusted Consumer Price Index.

Background / Discussion

The Transportation Department currently operates and maintains 515 signalized intersections, where reliable vehicle detection remains essential for smooth traffic flow and safe operations. Traffic signal detection systems play a vital role in maintaining safety and efficiency at intersections by identifying vehicles, pedestrians, and bicycles in real time, allowing signals to adjust timing and manage movements to reduce conflicts. This is a new system and provider with modern technologies. Wavetronix technology supports this effort by analyzing intersection data and recommending updated max-green times, as well as offering the Smart Multi Approach system for cost-effective stop-bar detection.

Transportation originally purchased Wavetronix as a demonstration, and the ITS group is pleased with its performance in monitoring traffic at signalized intersections. Summit Traffic Solutions is the sole and exclusive dealer for Wavetronix traffic radar products in the State of Arizona.

Purchase Information

Action: Award
Procurement Type: Sole Source
Contract Number: 2026106
Local Consideration: Policy did not apply to this procurement method
Protests Received: None
Initial Contract Term: Three years
Possible Renewals: Up to a maximum of two years, subject to Administrative review and

approval

Funding Source: Transportation Department Operating and Capital Improvement Program
Budgets through the Local Street Sales Tax Fund