

REPORT TO THE BOARD OF MAYOR & ALDERMEN

DATE: April 13, 2026
FROM: Neetu Singh, Traffic Engineer
SUBJECT: Review of Bids and Award of Contract for Miovision Video Detection Installation

INTRODUCTION:

The purpose of this agenda item is for the Mayor and Aldermen (BMA) to review bids and consider awarding a contract to Shelby Electric for installation of Miovision Video Detection at Poplar Avenue/Houston Levee Road and Houston Levee Road/Kohl's Drive intersections.

BACKGROUND:

The Town's existing Iteris Vantage Edge 2 traffic signal processors are nearing end-of-life due to discontinued support, necessitating an upgrade. To evaluate a potential replacement and inform future decisions, a pilot project is proposed deploying Miovision systems at two key intersections: Poplar Avenue/Houston Levee and Houston Levee/Kohl's Entrance. These locations were selected due to the complexity of the Poplar Avenue/Houston Levee intersection and the critical coordination required between this intersection and the nearby Kohl's Entrance signal for efficient traffic flow along both Poplar Avenue and Houston Levee corridor.

This pilot will assess system performance, data output, and the feasibility of integrating Miovision into the Town's current traffic signal network. Miovision offers several key advantages, including accurate traffic counts, remote access via a web interface, ability to change detection zones, remote intersection connection capabilities (for intersections on the same system), real-time intersection monitoring, and the potential for smart corridor implementation (dynamic timing plans for intersections on the same system).

DISCUSSION:

The project will include equipment procurement, installation, system configuration, testing & validation, and commissioning services for Miovision video detection systems at two (2) intersection locations:

- Poplar Avenue/Houston Levee Road
- Houston Levee Road/Kohl's Driveway

The scope of work also includes traffic control, any traffic signal equipment modifications, boring new conduit lines and other items of work as called for in the contract documents or as required for a completed project. The vendor will also train and support town personnel on system operations and maintenance procedures.

Three (3) vendors requested copies of the bid packet from the Procurement Department. One (1) vendor submitted a bid for \$94,000. Liquidated damages are set at \$250.00 per day.

Staff Recommendation: Staff recommends approval of Miovision Video Detection System project.

**BUDGET IMPACT:
CIP**

Fund	Dept.	Obj. Code	Description	Approved Line Item Budget	Previous Expenses	Proposed Expense	Balance	Budget Impact
321	43120	939-202602	Miovision Video Detection	\$115,000.00	\$0.00	\$94,000.00	\$21,000.00	N/A

ATTACHMENTS:

[Vicinity Map - Miovision Video Detection.pdf](#)
[TC2026-16 - Bid Tabulation Memo.pdf](#)

PROPOSED MOTION:

To approve the contract with Shelby Electric for the installation of Miovision Video Detection project in the amount of \$94,000.00.

Board Action: Motion By _____ Seconded By _____

Vote Total	Hall	Jordan	Robbins	Marshall	Stamps	Fraser
Yes						
No						
Abstain						