



CITY COUNCIL MEMORANDUM

TO: City Council

FROM: Matthew R. Schmitz, MPA - City Manager

DATE OF MEETING: July 14, 2025

ITEM TITLE: Signal Upgrade – 150 Hwy and Enterprise Dr.

BACKGROUND:

For several months now, we have been experiencing issues with the signal at 150 Hwy and Enterprise Dr. Unfortunately, the only solution found so far is to replace the detection system at the signal. This signal is the responsibility of the City, and this has been verified with the Iowa Department of Transportation.

DISCUSSION:

In working with ILPT to determine the best path forward on this item, we have reached the conclusion that replacing the detection system is the most suitable option. In reviewing detection systems, we also believe that transitioning from a camera-based system to a radar-based system will provide significantly improved performance at this intersection and in traffic detection.

Earlier this year, I met with Kenyon Brown from General Traffic Controls, and we discussed updating this intersection to a radar-based system. He provided a quote (attached) of \$31,800, giving credit for trading in the existing equipment. We're unsure whether the existing equipment can be traded in or if the cable will need to be replaced, so I propose a budget of \$40,000 for this replacement project.

The recently issued bond provided sufficient additional funds to cover this cost, and since we were planning to pay for speed signage, the wording used in the bond is adequate to allow some of those extra funds to be utilized for this project.

RESULTS:

The City has established priorities during strategic planning sessions. This item supports the Vision from that session of supporting and enhancing City infrastructure. This item helps achieve that vision by repairing failed infrastructure and ensuring that it is adequate for future needs at the intersection.

FINANCIAL CONSIDERATION:

While this project is not currently budgeted, funding is available from the recently issued bond. Additionally, this can be included in the next Budget Amendment to facilitate this project.

RECOMMENDATION:

Staff recommends a motion to authorize the City Manager to proceed with this project and to take necessary actions to update the signal.