

ITEM #: 27
 DATE: 03-25-25
 DEPT: PW

COUNCIL ACTION FORM

SUBJECT: 2024/25 INTELLIGENT TRANSPORTATION SYSTEM PROGRAM (PHASE 4)

BACKGROUND:

The Intelligent Transportation System (ITS) Program provides for the installation of infrastructure for a traffic adaptive signal system that will conduct real-time optimization of traffic and pedestrian flow at signalized intersections.

Traffic adaptive systems provide a significant improvement in efficiency and will optimize travel times during all times of the day. Completion of the network is programmed with six phases (an overall phasing map is attached). Traffic signal improvements rank as one of the highest priority areas from the Resident Satisfaction Survey.

This project is for Phase 4 of the program which will primarily expand the ITS network along Lincoln Way from University Blvd. to South Dakota Avenue and Mortensen Road from University Blvd. to South Dakota Avenue.

Staff has been working with HR Green and GBAsi, the consultant team developing this project. On March 18, 2025, bids for the project were received as follows:

Bidder	Bid Amount
<i>Engineer's Estimate</i>	\$2,254,037.90
Van Maanen Electric, Inc.	\$2,200,000.00
Iowa Signal Inc.	\$2,225,433.69

The table below shows the estimated expenses and revenues for the project:

Estimated Expenses		Available Revenue	
Design	\$ 241,150.00		
Construction	\$2,200,000.00		
Administration	\$ 150,000.00		
		Road Use Tax Fund	\$ 558,900
		G.O. Bonds	\$ 476,100
		ICAAP Grant*	\$1,521,280
		Road Use Tax (Savings from FY 23-24 Phase 3)	\$ 50,000
TOTAL	\$2,591,150		\$2,606,280

*The ICAAP Grant is for 80% of eligible construction costs up to a maximum of \$1,521,280.00

Construction is anticipated to occur beginning in 2025 and be completed early in 2026.

ALTERNATIVES:

1. Approve final plans and specifications for the 2024/25 Intelligent Transportation System Program (Phase 4) and award a contract to Van Maanen Electric, Inc. of Newton, Iowa in the amount of \$2,200,000
2. Do not approve this project.

CITY MANAGER'S RECOMMENDED ACTION:

This project will facilitate improvements to traffic management and reduction in emissions along project corridors. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as described above.

ATTACHMENT(S):

[CAF Map.pdf](#)