

ITEM #: 41
 DATE: 05-23-23
 DEPT: PW

COUNCIL ACTION FORM

SUBJECT: 2025/26 TRAFFIC SIGNAL PROGRAM (S. DUFF AVE & S. 3RD STREET)

BACKGROUND:

The annual Traffic Signal Program provides for replacing older traffic signals and for constructing new traffic signals. This will result in improved visibility, reliability, and appearance of signals. This program also provides for maintenance needs as well as traffic signal system upgrades as technology advances.

The signal at the intersection of S Duff Ave/ S 3rd St is programmed for FY 2025/26 in the Capital Improvement Plan (CIP). However, the Iowa DOT will be resurfacing S Duff Ave in 2024, so this project will only include the underground traffic signal work (footings and conduit) to prepare for the resurfacing project. FY 2025/26 of the Traffic Signal Program will be revised in the CIP to reflect only the remaining work to replace the traffic signal utilizing this new underground infrastructure.

Since Ames Area Metropolitan Planning Organization planning funds are being utilized for the 2022/23 Traffic System Capacity Improvements, \$152,000 of Road Use Tax funds originally budgeted for the Capacity studies are now available to be used to complete this underground signal work.

On May 17, 2023, bids were received for this project as follows:

<i>Bidder</i>	<i>Total Bid</i>
<i>Engineer's Estimate</i>	<i>\$82,784.63</i>
Van Maanen Electric	\$108,692.00

Revenues and expenses for this project are as follows:

Revenues		Expenses For Underground Work	
Road Use Tax Savings	\$ 152,000	Administration	\$ 2,500.00
		Design	13,700.00
		Construction	108,692.00
		(est)	
Total	\$ 152,000	Total	\$ 124,892.00

ALTERNATIVES:

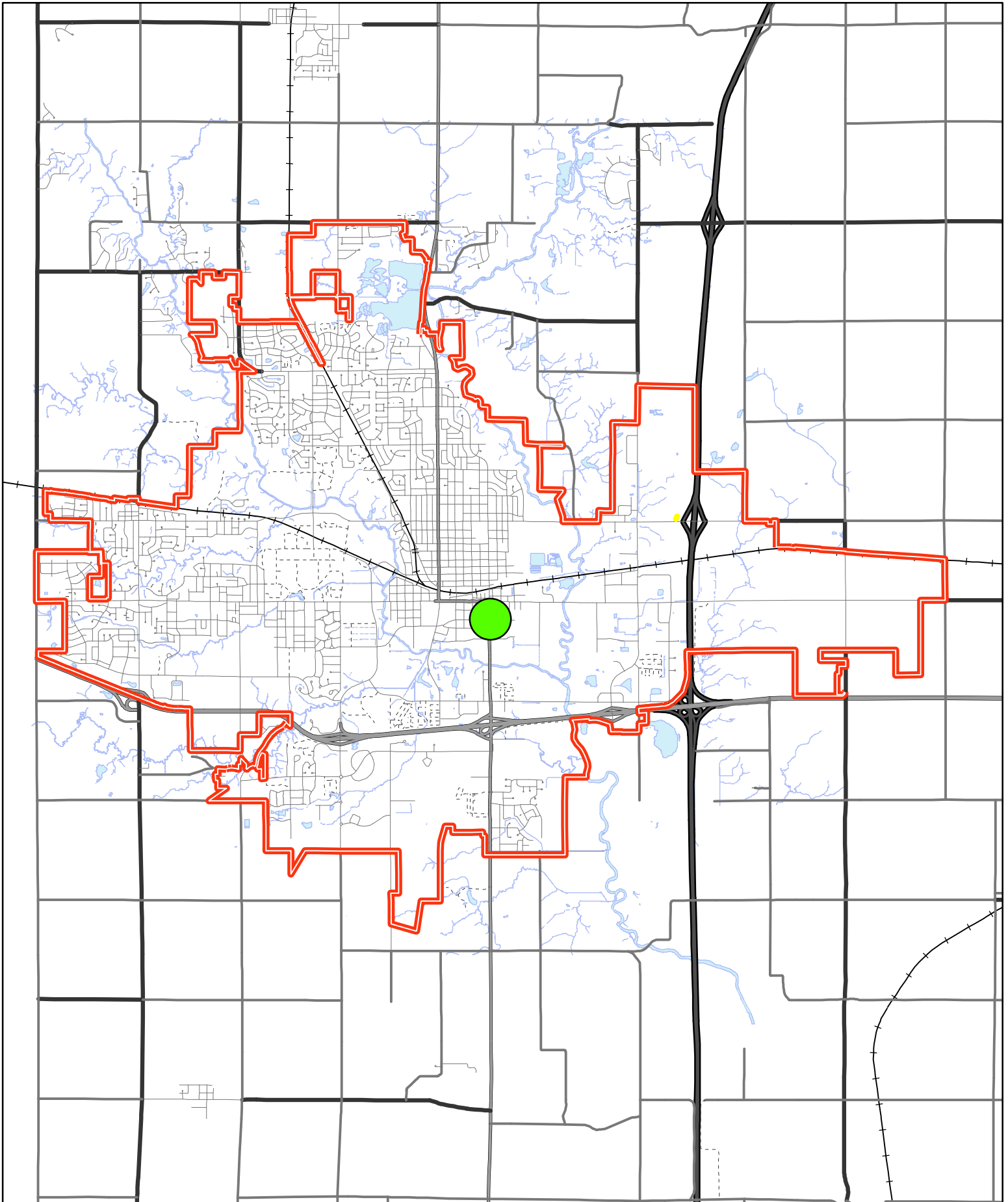
1. a. Accept the report of bids for the 2025/26 Traffic Signal Program (S. Duff Ave & S. 3rd Street – which includes footings and conduit only)

b. Approve the final plans and specifications for this project.

c. Award the 2025/26 Traffic Signal Program (S. Duff Ave & S. 3rd Street) to Van Maanen Electric, Inc. of Newton, Iowa in the amount of \$108,692.00.
2. Award the contract to one of the other bidders.
3. Do not proceed with this project.

CITY MANAGER’S RECOMMENDED ACTION:

By awarding this project, it will be possible to coordinate this underground signal work with the DOT resurfacing project, thereby avoiding the City having to rebuild the pedestrian and ramp improvements that will be done by the IDOT in the summer of 2024 when the traffic signals are installed in FY 2025/26. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as noted above.



2025/26 Traffic Signal Program
S. Duff Avenue & S. 3rd Street

 Project Location



1 inch = 6,612 feet

Date: 4/18/2023

