

ITEM #: 25
 DATE: 06-11-24
 DEPT: PW

COUNCIL ACTION FORM

SUBJECT: **2023/24 TRAFFIC SIGNAL PROGRAM**

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. **This project includes the traffic signal replacement at the intersection of S. Duff Avenue and Chestnut Street. On May 23, 2023, City Council awarded the project to Van Maanen Electric, Inc. of Newton, Iowa in the amount of \$256,658.30.**

The construction of this project was coordinated with the Iowa DOT resurfacing project of US 69. It was determined during construction that new pavement markings would not be done with the traffic signal project, but rather installed with the IDOT resurfacing project this summer when all pavement markings in the South Duff corridor will be refreshed. Also, the vehicle detection system at this intersection was installed with Phase 1 of the Intelligent Transportation System. These changes resulted in deductions to the total contract amount.

These deductions along with final field measured quantities led to a balancing change order in the deduct amount of (\$63,584.50), bringing the final construction cost to \$193,073.80. The revenues and expenses for this project are as follows:

Revenues		Expenses	
CIP Road Use Tax (RUT)	\$456,000	Administration	\$ 22,600.00
		Design	\$ 23,100.00
		Construction	\$193,073.80
		Signal Cabinet	\$ 45,048.00
		Signal Poles	\$ 67,569.00
Total	\$456,000	Total	\$351,390.80

ALTERNATIVES:

1. a. Approve the balancing change order for the 2023/24 Traffic Signal Program in the deduct amount of (\$63,584.50).
 b. Accept the 2023/24 Traffic Signal Program project as completed by Van Maanen Electric, Inc. of Newton, Iowa in the amount of \$193,073.80.
2. Direct staff to pursue modifications to the project.

CITY MANAGER'S RECOMMENDED ACTION:

The project has now been completed in accordance with the approved plans and specifications. **Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as noted above.**

ATTACHMENT(S):

[Project Location Map.pdf](#)

[Certification Letter 2023-24 Traffic Signal S Duff-Chestnut.pdf](#)