

ITEM #:	21
DATE:	07-28-26
DEPT:	PW

COUNCIL ACTION FORM

**SUBJECT: 2020/21 & 2021/22 INTELLIGENT TRANSPORTATION SYSTEM PROGRAM
(PHASES 1 AND 2)**

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. This project combined Phases 1 and 2 of the ITS Network into a single Iowa Department of Transportation (DOT) bid letting and contract.

At the July 12, 2022 meeting, City Council awarded a contract to Van Maanen Electric, Inc. of Newton, Iowa in the amount of \$3,800,582.00.

Work was completed in the amount of \$3,586,282. This project is now working through the Iowa DOT audit process. Balancing change orders for Phases 1 and 2 have been created to reflect field final measured quantities. The change orders for each phase are identical amounts to provide simplicity in the ICAAP Grant reimbursement process.

Phase	As-Bid Contract	Change Order Amounts	Adjusted Final Contract Subtotals
Phase 1	\$1,937,985	(\$107,150) (this Council action)	\$1,830,835
Phase 2	1,862,597	(107,150) (this Council action)	1,755,447
TOTAL	\$3,800,582	(\$214,300)	\$3,586,282

The tables below show the expenses and revenues for this project with the balancing change order.

Phases 1 and 2 Expenses	Totals
Construction (as-bid)	\$3,800,582
Change Orders (balancing) (this Council action)	(214,300)
Final Construction Amount	3,586,282
Design	397,365
Administration	150,000
TOTAL	\$4,133,647

Phases 1 and 2 Revenues	Totals
Road Use Tax	\$1,122,579
G.O. Bonds	754,860
Local Option Tax	275,000
ICAAP Grant Funding	2,576,518
TOTAL	\$4,728,957

The approval of these change orders will allow the DOT audit process to continue. Upon audit completion, final acceptance of the project will be brought to City Council.

ALTERNATIVES:

1. Approve Phase 1 Change Order No. 1 in the deduct amount of (\$107,150) and Phase 2 Change Order No. 1 in the deduct amount of (\$107,150).
2. Do not approve the change orders and direct staff to pursue other options.

CITY MANAGER'S RECOMMENDED ACTION:

By approving these change orders, Phases 1 and 2 of the ITS Network can move closer to final acceptance pending Iowa DOT audit concurrence. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1 as described above.

ATTACHMENT(S):

[ITS Cumulative Phase Map.pdf](#)