

COUNCIL ACTION FORM

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

BACKGROUND:

This program provides for the construction of fiber optic communication and a technology platform for Phases 1 and 2 of the Intelligent Transportation Systems (ITS) Master Plan. The project will modernize the traffic signal system by providing a high-bandwidth communication system that will integrate all connected signals. It will allow the City of Ames to leverage technologies such as traffic adaptive and real-time video, while significantly increasing the resolution of transportation data available to the City.

Staff has been working with GBasi and HR Green, the consultant team developing this project. The consultants and City staff have completed plans and specifications with a total estimated construction cost of \$3,195,947.

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

Revenues	FY 20/21	FY 21/22	Combined
Road Use Tax Fund	\$225,820	\$197,600	\$423,420
G.O. Bonds	\$141,900	\$160,400	\$302,300
Accessibility Enhancement*	\$235,100	\$206,000	\$441,100
Iowa Clean Air Attainment Program	\$1,176,518	\$1,400,000	\$2,576,518
		Total	\$3,743,338

**The project will affect several signals needing ADA upgrades. The funds from this program are approximately split between Road Use Tax Funds and Local Option Sales Tax.*

Expenses	FY 20/21	FY 21/22	Combined
Design	\$193,740	\$203,625	\$397,365
Construction	\$1,586,000	\$1,609,947	\$3,195,947
Administration			\$150,000
		Total	\$3,743,312

This project is scheduled to have a June 21, 2022, letting, conducted through the Iowa Department of Transportation (DOT). Construction is anticipated to occur in 2023 with completion in the fall of 2023.

ALTERNATIVES:

1. Approve plans and specifications for the 2020/21 & 2021/22 Intelligent Transportation System Program (Phases 1 and 2) and establish June 21, 2022, as the date of letting and June 28, 2022, as the date for the report of bids.
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. Approval of the plans and specifications will continue to keep this project on the Iowa DOT's June 21, 2022, letting schedule.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as described above.