

COUNCIL ACTION FORM

SUBJECT: 2021/22 TRAFFIC SIGNAL PROGRAM (UNIVERSITY BLVD & SOUTH FOURTH STREET)

BACKGROUND:

The Traffic Signal Program is the annual program that 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.

In recent years, improvements have included using video detection instead of in-pavement loop detection systems that had previously been used and frequently failed. Another advantage of the video detection system is that it detects bicycles in addition to vehicles. **This project includes traffic signal and pedestrian ramp replacement at the intersection of University Boulevard and South Fourth Street.**

WHKS of Ames, Iowa, developed plans and specifications with an estimated budget as shown below:

Revenues		Expenses	
Road Use Tax	\$ 400,000	Administration	\$ 10,000.00
Road Use Tax Savings	59,000	Design	24,300.00
		Construction (est.)	247,323.75
		Gridsmart Detection	23,495.00
		Signal Cabinets	40,180.00
		Signal Poles	58,359.00
Total	\$ 459,000	Total	\$ 403,657.75

The \$59,000 in Road Use Tax savings comes from the 2019/20 Traffic Signal Program (Lincoln Way & Beach) and the 2020/21 Traffic Signal Program (S. Duff & S. 5th Street) projects.

ALTERNATIVES:

1. Approve the plans and specifications for the 2021/22 Traffic Signal Program (University Blvd & South Fourth Street) project and establish January 19, 2022, as the date of letting with January 25, 2022, as the date for report of bids.
2. Do not approve this project.

CITY MANAGER'S RECOMMENDED ACTION:

By approving these plans and specifications, it will be possible to improve an aging traffic signal for residents using this intersection.

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