

COUNCIL ACTION FORM

SUBJECT: 2019/20 MULTI-MODAL ROADWAY IMPROVEMENTS (13TH STREET & CLARK AVENUE)

BACKGROUND:

Multi-modal transportation refers to the various modes used by Ames residents to travel the transport system. This program is aimed at improving the roadway to create a safer interaction between multiple modes using alternatives such as improved crossing visibility at intersections, bike detection, and on-street facilities (e.g. bike lanes, sharrows).

Bike lanes consist of a portion of the roadway designated by striping, signing, and pavement markings for the preferential or exclusive use of bicyclists. Sharrows, also known as shared lane markings, are markings used in lanes shared by bicycles and motor vehicles when a travel lane is too narrow to provide a standard width bike lane. Bike detection improvements include retrofitting signalized intersections to radar detection to facilitate the movement of bicycles.

These improvements, when retrofitted into the existing street environment, provide a useful and appropriate route of travel for these popular modes used by Ames residents. The proposed locations and treatments that are identified in the Long-Range Transportation Plan (LRTP) will be noted by project numbers (e.g. ON15) from the LRTP.

This project will install a new pedestrian hybrid beacon at the intersection of 13th Street and Clark Avenue (similar to the device in front of Fire Station #1). WHKS of Ames, Iowa, developed plans and specifications with an estimated budget as shown below:

Revenues		Expenses	
2019/20 Multi-Modal Imp.	\$210,000	Administration	\$10,000
2018/19 Traffic Signal*	\$15,000	Design	\$19,400
		Construction (estimate)	\$131,252
		Signal Cabinet (estimate)	\$15,000
		Signal Poles (estimate)	\$16,000
		Pedestrian Ramps / Conduit	\$30,718
Total	\$225,000	Total	\$222,370

*Savings from 2018/19 Traffic Signal Program (US HWY 30 WB & S. Dakota)

ALTERNATIVES:

1. Approve the plans and specifications for the 2019/20 Multi-Modal Roadway Improvements (13th Street & Clark Avenue) project and establish August 19, 2020, as the date of letting with August 25, 2020, as the date for report of bids.
2. Do not approve this project.

MANAGER'S RECOMMENDED ACTION:

By approving these plans and specifications, it will be possible to create a safer, multi-modal intersection for residents utilizing the area. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as described above.