

COUNCIL ACTION FORM

SUBJECT: 2019/20 TRAFFIC SIGNAL PROGRAM (LINCOLN WAY & BEACH AVE)

BACKGROUND:

The Traffic Signal Program is the annual program that provides for replacing older traffic signals and constructing new traffic signals in the City, which will result in improved visibility, reliability, and appearance of signals. This program provides the upgrading of the traffic signal system technology. In recent years, traffic signal replacements have included video detection systems instead of in-pavement loop detection systems that had previously been used (frequently a point of vehicle detection failure). Another advantage of the video-based detection system is that it detects bicycles in addition to vehicles. **This project will install a new signal and new pedestrian ramps at the intersection of Lincoln Way & Beach Avenue.**

On August 19, 2020, bids were received for this project as follows:

<i>Bidder</i>	<i>Total Bid</i>
<i>Engineer's estimate</i>	\$237,183.50
Voltmer, Inc.	\$309,684.19

The revenues and expenses for this project are as follows:

Revenues	Expenses
Road Use Tax \$370,750	Administration \$ 15,000.00
	Design 21,400.00
	Construction 309,684.19
	Signal Cabinet 31,868.00
	Signal Poles 35,320.00
Total \$370,750	Total \$ 413,272.19
	Shortage \$42,522.19

The bid received exceeds the estimated construction cost by a substantial amount. Staff believes that better bid pricing could be achieved if the project was rebid in late Fall 2020. Additionally, it is anticipated that a necessary easement with Iowa State University will be not approved until November 2020.

ALTERNATIVES:

1. a. Accept the report of bids for the 2019/20 Traffic Signal Program (Lincoln Way & Beach Ave) project.
b. Approve the final plans and specifications for this project.
c. **Reject all bids and direct staff to rebid the project.**
2. a. Accept the report of bids for the 2019/20 Traffic Signal Program (Lincoln Way & Beach Ave) project.
b. Approve the final plans and specifications for this project.
c. Direct staff to find additional funding to cover project shortfall.

CITY MANAGER'S RECOMMENDED ACTION:

The bid received for this project significantly exceeds the project budget. Staff believes a better bid environment could be obtained by waiting until fall to re-bid the project. Additionally, this will provide staff time to complete a necessary easement with Iowa State University.

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