

COUNCIL ACTION FORM

SUBJECT: 2017/18 TRAFFIC SIGNAL PROGRAM – EAST LINCOLN WAY/DAYTON AVENUE

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 upgrading of the traffic signal system technology. In recent years, traffic signal replacements have included radar 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 radar detection system is that it detects bicycles in addition to vehicles. **This project will install a new signal and new pedestrian ramps at E. Lincoln Way and Dayton Avenue.**

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

| Revenues | | Expenses | |
|-----------------|------------------|---------------------------|------------------|
| Road Use Tax | \$375,000 | Administration | \$15,000 |
| | | Design | \$17,867 |
| | | Construction | \$322,872 |
| Total | \$375,000 | Total | \$355,739 |
| | | Contingency (5.1%) | \$19,261 |

ALTERNATIVES:

1. Approve the plans and specifications for the 2017/18 Traffic Signal Program – East Lincoln Way/Dayton Avenue project and establish February 21, 2018, as the date of letting with February 27, 2018, 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 provide better service 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.