

COUNCIL ACTION FORM

SUBJECT: 2015/16 AND 2016/17 BRIDGE REHABILITATION PROGRAM – EAST LINCOLN WAY AND DAYTON AVENUE

BACKGROUND:

This program provides funding for necessary repairs recommended by the biennial Iowa Department of Transportations (IDOT) bridge inspections. The IDOT requires inspections for bridges within the City of Ames.

The 2015/16 Bridge Rehabilitation Program included funding for the East Lincoln Way Bridge over the Skunk River. **Planned improvements for this structure include concrete repair to the bridge deck, bridge substructure, and railings. Work also includes repair of damaged structural steel on the upstream side of the bridge. Limited work will also replace a portion of the bridge approach paving to tie into new end joints along the structure.**

The 2016/17 Bridge Rehabilitation Program identified the Dayton Avenue Bridge over the Union Pacific Railroad as a structure in need of repair. The bridge approach pavement has settled significantly and as such has begun to cause damage to the end railing on the bridge. **This project will replace the bridge approach pavement and install additional drainage to help aid in controlling any future settlement. Repair to the damaged bridge end railings is also planned.**

Both projects will be constructed in two phases while maintaining one lane of traffic in each direction. Access to businesses will be maintained, however there will be a need to limit left hand turns into and out of driveways in the area due to the head to head traffic that will be maintained during construction. Staff has reached out to area businesses in both locations to further raise awareness about the upcoming project.

WHKS, Inc of Ames, IA has been working with staff to complete plans and specifications for this project with a total estimated construction cost of \$775,532. Engineering and construction administration costs are estimated at \$125,000 bringing **total estimated costs to \$900,532.** Funding is identified in the CIP as \$375,000 for East Lincoln Way and \$350,000 for Dayton Avenue. There also remains \$241,910 of unallocated savings in the Bridge Rehabilitation Program from the 6th Street Bridge project. This brings the **total funds available to \$966,910.**

ALTERNATIVES:

1. Approve the 2015/16 and 2016/17 Bridge Rehabilitation Project by establishing October 4, 2017, as the date of letting and October 10, 2017, as the date for report of bids.
2. Do not proceed with this project.

MANAGER'S RECOMMENDED ACTION:

By approving plans and specifications and setting the letting date, it will be possible to prepare for Spring 2018 construction and extend the life span of these structures.

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