

COUNCIL ACTION FORM

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

BACKGROUND:

The 2015/16 Bridge Rehabilitation Program included funding for the East Lincoln Way Bridge over the Skunk River. Planned improvements for this structure included concrete repair to the bridge deck, bridge substructure, and railings. Work also included repair and painting of damaged structural steel on the upstream side of the bridge. **The 2016/17 Bridge Rehabilitation Program included funding for the the Dayton Avenue Bridge over the Union Pacific Railroad.** The bridge approach pavement had settled significantly and as such had begun to cause damage to the bridge structure.

On October 10, 2017 City Council awarded this project to Peterson Contractors, Inc. of Reinbeck, IA in the amount of \$853,467. **Change Order No. 1, the balancing change order, in the amount of \$82,632.90 included additional bridge deck patching and replacement of the east abutment bearings along East Lincoln Way.** Two main factors led to this unforeseen additional work. When the bearings were exposed during construction, damage from rust exposure was discovered, necessitating the replacement of the abutment bearings. Also, an increased rate of delamination of the bridge deck had occurred compared to when the bridge deck sounding was performed in preparation for project design. **Engineering and administration costs were \$50,543 bringing total costs to \$986,642.90.**

Funding is identified in the CIP as **\$375,000** for East Lincoln Way and **\$350,000** for Dayton Avenue. Funding was also included from **\$242,000** of unallocated savings in the Bridge Rehabilitation Program from the 6th Street Bridge project. Also, **\$20,000** has been identified in unobligated funding in the Pavement Restoration CIP Program bringing **total funds available to \$987,000.**

ALTERNATIVES:

1. a) Approve Change Order No. 1 in the amount of \$82,632.90 for the 2015/16 and 2016/17 Bridge Rehabilitation Program – East Lincoln Way and Dayton Avenue.

b) Accept the 2015/16 and 2016/17 Bridge Rehabilitation Program – East Lincoln Way and Dayton Avenue project as completed by Peterson Contractors, Inc. in the amount of \$936,099.90
2. Direct Staff to pursue changes to the project.

MANAGER'S RECOMMENDED ACTION:

The project is complete and has restored deficient areas of the bridges and approach pavements. These repairs restored rideability and completed necessary maintenance to extend the useable lifespan of these structures. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as noted above.