

Legislation Text

File #: BILL NO. 17-197, **Version:** 1

AN ORDINANCE APPROVING CHANGE ORDER #2 - WITH PCI ROADS, LLC FOR THE BRIDGE MAINTENANCE FY17 PROJECT, AN INCREASE OF \$66,256.80 FOR A REVISED CONTRACT PRICE OF \$514,673.85. (PWC 8-15-17)
(NOTE: First reading - City Council - August 24, 2017.)

Issue/Request:

AN ORDINANCE APPROVING CHANGE ORDER #2 - WITH PCI ROADS, LLC FOR THE BRIDGE MAINTENANCE FY17 PROJECT, AN INCREASE OF \$66,256.80 FOR A REVISED CONTRACT PRICE OF \$514,673.85.

Key Issues:

- Eliminating the 2" Epoxy Polymer overlay on the Main Street Bridge.
- Adding a 2" Silica Fume Concrete overlay to the Main Street Bridge.
- Adding a ¾" Epoxy Polymer overlay to the EB Chipman Bridge.

Proposed City Council Motion:

I move for adoption of AN ORDINANCE APPROVING CHANGE ORDER #2 - WITH PCI ROADS, LLC FOR THE BRIDGE MAINTENANCE FY17 PROJECT, AN INCREASE OF \$66,256.80 FOR A REVISED CONTRACT PRICE OF \$514,673.85.

Background:

Due to the excessive repairs needed on the Main Street Bridge deck, it is anticipated that the service life of the structure is now between 10 and 20 years. With this shortened life, the epoxy polymer overlay no longer makes sense economically. For that reason, it was decided to apply a Silica Fume concrete overlay in lieu of the Epoxy Polymer overlay. The most recent Silica Fume overlay lasted 25 years on the Main Street Bridge. This results in significant savings to the project.

With the contract in place and the specialized materials on hand to provide an Epoxy Polymer Overlay, it was decided to apply a ¾" Epoxy Polymer overlay on the EB Chipman Road Bridge. While the number of patches on this structure is significant, all of the patches were half sole (just deep enough to encompass the first layer of reinforcing steel). With the deck completely patched, now is the best time to seal the bridge deck with a ¾" Epoxy Polymer overlay. This material will seal the deck from all moisture and chlorides from road salt, preventing future deterioration. With the Epoxy Polymer overlay in place, it is anticipated that little to no deck repair will be required on this structure for 30 years.

Presenter: Michael Anderson, Construction Manger

Recommendation: Staff recommends approval of an Ordinance approving Change Order #2 - with PCi Roads, LLC for the Bridge

Maintenance FY17 project, an increase of \$66,256.80 for a revised contract price of \$514,673.85.

Committee Recommendation: The Public Works Committee voted 3-1 (Mayor Pro Tem Binney "No") to recommend to City Council AN ORDINANCE APPROVING CHANGE ORDER #2 - WITH PCI ROADS, LLC FOR THE BRIDGE MAINTENANCE FY17 PROJECT, AN INCREASE OF \$66,256.80 FOR A REVISED CONTRACT PRICE OF \$514,673.85.