

Legislation Text

File #: BILL NO. 17-89, **Version:** 1

AN ORDINANCE APPROVING THE AWARD OF BID NO. 40632472 FOR BRIDGE MAINTENANCE FY17 TO PCI ROADS, LLC AND AUTHORIZING THE CITY MANAGER TO ENTER INTO AN AGREEMENT FOR THE SAME IN THE AMOUNT OF \$343,327.65.

Issue/Request:

An ordinance approving the award of Bid No. 40632472 for Bridge Maintenance FY17 to PCI Roads, LLC and authorizing the City Manager to enter into an agreement for the same in the amount of \$343,327.65.

Key Issues:

This project was included in the FY 2017 Capital Improvements Plan budget adopted by Council as part of the FY2017 annual budget

This project is a result of bridge inspections that detailed the condition of the bridges that identified maintenance needed to keep the bridges open at their full load capacity

This project will prolong the life of the structures by performing bridge deck repairs, safety fence repairs, and replace expansion joints

Proposed City Council Motion:

FIRST MOTION: I move for a second reading of AN ORDINANCE APPROVING THE AWARD OF BID NO. 40632472 FOR BRIDGE MAINTENANCE FY17 TO PCI ROADS, LLC AND AUTHORIZING THE CITY MANAGER TO ENTER INTO AN AGREEMENT FOR THE SAME IN THE AMOUNT OF \$343,327.65.

SECOND MOTION: I move for adoption of AN ORDINANCE APPROVING THE AWARD OF BID NO. 40632472 FOR BRIDGE MAINTENANCE FY17 TO PCI ROADS, LLC AND AUTHORIZING THE CITY MANAGER TO ENTER INTO AN AGREEMENT FOR THE SAME IN THE AMOUNT OF \$343,327.65.

Background:

This contract includes bridge rehabilitation work on two bridges, the West Main Street bridge over SW 2nd Street and the NW Chipman Road bridge over the Union Pacific Railroad (between NW Donovan Rd and NW Commerce Dr).

Both bridges were built in the early 1970s and have had various maintenance activities performed over the years. According to the 2015 bridge inspection reports, performed by MoDOT and City Staff, the bridges are in good structural shape, and the proposed rehabilitation activities are recommended to extend the life of bridges and maintain the current traffic load capacities. The maintenance requirements of the West Main Street Bridge and the Chipman Road Bridge will extend the service life of the bridges, prohibit weakening of

the substructure and improve safety.

West Main Street Bridge work includes:

- 1) The removal of the crumbling stone and supporting elements. The stone continues to deteriorate, and there is a risk of it falling onto SW 2nd Street. A decorative fence will replace the stone and wood.
- 2) The bridge deck will be patched and overlaid in order to preserve the integrity of the bridge's substructure.

NW Chipman Road Bridge (over Union Pacific Railroad) work includes:

- 1) The replacement of the expansion joints on the westbound lanes; both westbound expansion joints have failed and require replacement. No deck work is anticipated on the westbound lanes.
- 2) Deck repairs of the concrete pavement on the eastbound lanes. The eastbound lanes have several places requiring the removal of asphalt patches and unsound concrete. The repair work will help preserve the integrity of the bridge's substructure.

Impact/Analysis:

The Public Works Engineering Division issued Bid No. 40632472 Bridge Maintenance FY17 on February 24, 2017. The bid was posted with QuestCDN and on the City's website. A pre-bid conference was held on March 7, 2017. Two (2) responsive bids were received by the March 17, 2017 opening date. PCI Roads, LLC was determined to be the lowest, responsible and responsive bidder by City Staff. Though only two bids were received, this is more indicative of the type of work, which is very specialized, and the two primary Contractors who perform this type of work (in the metro) both submitted bids.

This project was put out to bid last summer. Only one bid was received, and it was above the budgeted amount. Staff rejected the bid and revised the plans to account for using Tudor Road as a detour route. The plan revisions generated a second bid and resulted in an estimated saving of approximately \$150,000 compared to the bid submitted in 2016.

Timeline:

Start: June 2017

Finish: September 2017

Other Information/Unique Characteristics:

The West Main Street bridge will be completely closed to traffic while the work is performed, however access to SW 2nd Street from SW Main Street will not be impacted. Notifications to various downtown groups and a press release will be generated. Coordination occurred with Downtown Lee's Summit Main Street in order to consider any impacts to scheduled events, and their only request was to keep the bridge open to vehicle and foot traffic during Downtown Days; this request was incorporated into the construction contract documents.

The Chipman Road Bridge is composed of two separate bridges with each bridge carrying two lanes of traffic. In order for the work to proceed safely each bridge will have to be separately closed. The contractor will only work on the expansion joint repairs on the westbound lanes or the deck repairs on the eastbound lanes but will not do both at the same time.

Closure will only occur over the weekends. Closure may start after 10 pm on Friday, and the opening must occur before 5 am on Monday. Traffic will be diverted away from Chipman Road and onto the newly completed Tudor Road.

Staff designed the project resulting in a cost savings versus a private firm performing the work.

Presenter: Scott Ward, Senior Staff Engineer

Recommendation: Staff recommends approval of AN ORDINANCE APPROVING THE AWARD OF BID NO. 40632472 FOR BRIDGE MAINTENANCE FY17 TO PCI ROADS, LLC AND AUTHORIZING THE CITY MANAGER TO ENTER INTO AN AGREEMENT FOR THE SAME IN THE AMOUNT OF \$343,327.65.

Committee Recommendation: Public Works Committee meetings were cancelled in March and April by Chairman Mosby so this item is moving straight to City Council.