

COUNCIL ACTION FORM

SUBJECT: WATER POLLUTION CONTROL FACILITY STREET REPAIRS

BACKGROUND:

The Water Pollution Control Facility (WPCF) was originally graded and paved with asphalt in 1988 as a part of the original plant construction. Since the time of placement, the pavement has seen repeated heavy loads and many freeze and thaw cycles that have deteriorated the pavement and caused failure. The major pavement failures include fatigue cracking along with rutting and raveling. These issues with the pavement are a result of poor surface water drainage, along with the original design thickness of the asphalt not being able to meet traffic demands it must serve.

This project will consist of removing and replacing the existing failed pavement with both asphalt and concrete. Concrete will be placed in areas of heavy loading to prevent any asphalt rutting in the future. To reduce material cost for the project, the millings from the existing pavement will be used to repair areas of poor sub-base and also resurfacing the granular roads at the facility. Along with removing and replacing the pavement, minor grading to the facility will be included to help improve drainage of the site.

The project will include the option to repave the site with either asphalt or concrete. This maximizes the number of potential bidders and gives the City the greatest flexibility to choose the alternative that is most cost effective. There will also be an add alternate to remove and replace the curb, gutter, and sidewalk associated with the Administration Building. The award will be based on the base bids, with the ability to include the add alternate based on available budget.

The total estimated construction project cost is \$425,000. This estimated cost includes the base bid, add alternate 1, and add alternate 2 or 3. The work was designed in-house, so there are no engineering fees. This project was included in the 2013/14 Capital Improvements Plan for the amount of \$450,000.

ALTERNATIVES:

1. Grant preliminary approval to the plans and specifications and issue a Notice to Bidders, setting November 12, 2015 as the bid due date and November 24, 2015 as the date for public hearing and award.
2. Do not approve plans and specifications at this time.

MANAGER'S RECOMMENDED ACTION:

The existing pavement at the WPCF has exceeded the original design life and has started to fail in the past several years. These failures are due to poor drainage and heavy loads that the facility sees on a regular basis. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1 as stated above.