

COUNCIL ACTION FORM

SUBJECT: 2015/16 WATER SYSTEM IMPROVEMENTS PROGRAM #2 – WATER MAIN REPLACEMENT (SOUTH DUFF AVENUE)

BACKGROUND:

The Water System Improvements program provides for replacing water mains in areas that are experiencing rusty water problems. It also provides for installing larger distribution mains in areas that have a high concentration of 4” supply lines, transferring water services from 4” water mains in streets where larger water mains exist, and abandoning 4” water mains. Eliminating duplicate water mains, where possible, improves water flow and helps reduce rusty water. Installing larger distribution lines in areas that have a high concentration of 4” supply lines and less than desirable fire-fighting capacity (predominantly in the older areas of the community) provides larger supply quantities in relation to the current and proposed land uses, in accordance with the Land Use Policy Plan.

The location for water main replacement with this project is South Duff Avenue (South 5th Street to Lincoln Way).

Staff has completed plans and specifications for this contract with a total estimated construction cost of \$356,328. Engineering and construction administration costs are estimated at \$53,449, bringing **total estimated costs for this project to \$409,777.**

The Water System Improvements are shown in the 2015/16 Capital Improvements Plan (CIP) with \$975,000 in funding. From this program, approximately \$250,000 will be utilized for the water main replacement on Wellons Drive that is planned with the 2015/16 Asphalt Street Pavement Improvements project and \$222,399 will be utilized for the water main replacement on County Club Boulevard that is planned with the FY 2015/16 Water System Improvements Program #1. This leaves approximately \$500,000 in available funding for this project.

Please note, the FY 2015/16 CIP locations for this program were adjusted to mirror street improvement projects scheduled in the same CIP fiscal year; which are also a high priority for replacement of the water main pipe due to age, number of breaks, or the size of the pipe. By combining both a street improvement project with a water main replacement project, the City typically sees a significant cost savings. In this instance, East 3rd Street and East Avenue water main replacement projects were identified to be replaced in the FY 2015/16 CIP in conjunction with the street improvements anticipated for these same locations. However, the above mentioned street improvement projects have been reprioritized and thus the water main replacements have also been reprioritized.

ALTERNATIVES:

1. Approve the plans and specifications for the FY 2015/16 Water System Improvements Program #2 (South Duff Avenue) project and establish March 2, 2016, as the date of letting and March 22, 2016, as the date for report of bids.
2. Do not approve this project.

MANAGER'S RECOMMENDED ACTION:

By approving these plans and specifications, it will be possible to improve the reliability of the water system and to improve water quality for our citizens in this area.

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