

COUNCIL ACTION FORM

SUBJECT: 2015/16 ASPHALT STREET PAVEMENT IMPROVEMENTS (DOTSON DR, BAUGHMAN RD, BEEDLE DR, WELLONS DR, WELLONS CIR, JEFFREY LN, HARRIS ST, APLIN RD) & 2015/16 WATER SYSTEM IMPROVEMENTS (WELLONS DR, WELLONS CIR)

BACKGROUND:

This is the annual program for reconstruction and resurfacing (rehabilitation) of asphalt streets that are typically located in residential neighborhoods. Streets within residential subdivisions have been installed using full-depth asphalt pavement since mid-1970. Full-depth replacement of these streets has become necessary due to structural pavement failure. Rehabilitation of existing asphalt streets is possible where the base asphalt layer is solid, but the surface course has failed. This program was created to support the City Council's goal of strengthening our local neighborhoods.

The locations for reconstruction with this project are Dotson Drive (Baughman Road to 225 ft. south of Lincoln Way), Baughman Road, Beedle Drive (Aplin Road to Lincoln Way), Wellons Drive, Wellons Circle, Jeffrey Lane, Harris Street (Jeffrey Lane west to cul-de-sac), and Aplin Road (Beedle Drive to Wellons Drive).

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 locations for water main replacement with this project are Wellons Drive and Wellons Circle, to coincide with the asphalt reconstruction work.

Staff has completed plans and specifications for this contract with a base bid estimated construction cost of \$1,606,654.35. One add alternate bid is included to potentially add sub-drains to the project with an estimated construction cost of \$68,857.50. This makes the total base bid + add alternate bid estimated construction cost of \$1,675,511.85. Engineering and construction administration costs are estimated at \$251,327, bringing total estimated costs for this project to \$1,926,838.85.

The Asphalt Street Pavement Improvements are shown in the 2015/16 Capital Improvements Plan with \$1,850,000 in available funding and the Water System

Improvements are shown in the 2015/16 CIP with \$975,000 in funding. Remaining Water System Improvement funds will be utilized at other prioritized locations under separate bid package(s).

Staff held a project informational meeting with area property owners, residents and businesses to receive input on the project timing, staging and design. Comments were received and incorporated into the project design to minimize the duration that residents would be without access to their properties and that business access would be closed or temporarily relocated.

ALTERNATIVES:

1. Approve the plans and specifications for the 2015/16 Asphalt Street Pavement Improvements (Dotson Dr, Baughman Rd, Beedle Dr, Wellons Dr, Wellons Cir, Jeffrey Ln, Harris St, Aplin Rd) and the 2015/16 Water System Improvements (Wellons Dr, Wellons Cir) projects and establish February 17, 2016, as the date of letting and February 23, 2016, as the date for report of bids.
2. Do not approve this project.

MANAGER'S RECOMMENDED ACTION:

The combining of these two projects is intended to minimize the inconvenience to area residents by consolidating these projects into one construction season. In addition, this strategy should provide cost savings to the City by minimizing patching costs related to the water main work. By approving these plans and specifications, it will be possible to improve the reliability of the water system and to improve both water quality and street access 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.