

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:

The first portion of this project 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 street improvements with this project are Dotson Drive (Baughman Road to 225 feet 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 second portion of this project is the Water System Improvements program, which 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 with a high concentration of 4" supply lines and less than desirable fire-fighting capacity (predominantly in older areas of the community) provides larger supply quantities in relation to the current and proposed land uses.

The locations for water main replacement with this project are Wellons Drive and Wellons Circle, which coincide with the planned street improvements.

Staff completed plans and specifications for this contract with a base bid and the option to include one add alternate bid which is the potential to include sub-drains with the project.

On February 17, 2016 bids for the project were received as follows:

<i>Bidder</i>	<i>Base Bid</i>	<i>Add Alternate Bid</i>	<i>Total Bid (Base + Alternate)</i>
Engineer's Estimate	\$ 1,606,654.35	\$ 68,857.50	\$ 1,675,511.85
Manatts, Inc	\$ 1,706,760.82	\$ 55,574.63	\$ 1,762,335.45

The project recommended for award is the base bid with the add alternate for subdrain for a total project cost of \$1,762,335.45. The additional costs above the Engineer's estimate are primarily related to increased costs for the special backfill material.

The following table summarizes the funding distribution and expense breakdown for this project.

<i>Program Funding Summary</i>	<i>Location</i>	
	2015/16 Asphalt St Pvmnt Imprv (Wellons Area)	
2015/16 Asphalt Street Pavement Improvements Program		
G.O. Bonds	\$	1,850,000.00
2015/16 Water System Improvements Program		
Water Utility Fund	\$	186,560.00
Total Funding	\$	2,036,560.00
<i>Program Expense Summary</i>		
Engineering & Contract Administration (estimated)	\$	264,350.32
Construction Costs (estimated)	\$	1,762,335.45
Total Expenses	\$	2,026,685.77

Any remaining funds will be utilized for other prioritized locations, under separate bid packages.

ALTERNATIVES:

1. a. Accept the report of bids for the 2015/16 Asphalt Street Pavement Improvements Program (Dotson Drive, Baughman Road, Beedle Drive, Wellons Drive, Wellons Circle, Jeffrey Lane, Harris Street, Aplin Road) and 2015/16 Water System Improvements (Wellons Drive, Wellons Circle).
 - b. Approve the final plans and specifications for this project.
 - c. Award the 2015/16 Asphalt Street Pavement Improvements Program and 2015/16 Water System Improvements to Manatts, Inc. of Ames, Iowa, in the amount of \$1,762,335.45.
2. a. Accept the report of bids for the 2015/16 Asphalt Street Pavement Improvements Program and 2015/16 Water System Improvements.
 - b. Reject award and direct staff to modify the project for a future bid letting.

3. Do not proceed with the project at this time.

MANAGER'S RECOMMENDED ACTION:

The combining of these two projects is intended to minimize the inconvenience to area residents by consolidating the projects into one construction season. In addition, staff believes that this strategy will provide cost savings to the City by minimizing patching costs related to the water main work. By awarding this project, it will be possible to improve the reliability and quality of the water system and improve street conditions for our citizens.

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