

**COUNCIL ACTION FORM**

**SUBJECT: 2014/15 ASPHALT STREET PAVEMENT IMPROVEMENTS  
(FERNDALE AVENUE, COY STREET) & 2014/15 WATER SYSTEM  
IMPROVEMENTS – WATER MAIN REPLACEMENT (COY STREET,  
SOUTH FRANKLIN AVENUE)**

**BACKGROUND:**

The Asphalt Street Pavement Improvements program is for reconstruction and resurfacing (rehabilitation) of asphalt streets that are typically located in residential neighborhoods. Streets within residential subdivisions were 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 City Council's goal of strengthening our local neighborhoods.

**The locations for this street project were Ferndale Avenue (24<sup>th</sup> Street to 30<sup>th</sup> Street) and Coy Street (South Franklin Avenue west to the end of the street).**

The Water System Improvements program provides for replacing water mains in areas that experience 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 were South Franklin Avenue (Tripp Street to Coy Street) and Coy Street (South Franklin Avenue west to the end of the street).**

On December 9, 2014, City Council awarded this project to Manatt's Inc. of Ames, Iowa in the amount of \$1,217,069.78. Two change orders were administratively approved by staff. Change Order No. 1 in the amount of \$12,138.75 was for additional interior plumbing associated with bringing two water service lines up to current plumbing code, two 12" hydrant extensions, and the addition of geogrid fabric for subgrade stabilization. Change Order No. 2, a deduction in the amount of \$7,024.88, was the balancing

change order which reflected actual quantities installed in the field. **Construction was completed in the amount of \$1,222,183.65.**

The 2014/15 Asphalt Street Pavement Improvements and 2014/15 Water System Improvements program includes funding and expenses as shown in the following table:

***Program Funding Summary***

2014/15 Asphalt Street Pavement Improvements		
	G.O. Bonds	\$ 1,250,000
2014/15 Water System Improvements		
	Water Utility Fund	\$ 295,138
	<b>Totals</b>	<b>\$ 1,545,138</b>

***Program Expense Summary***

Engineering (actual)	\$ 183,327.55
Construction (actual)	\$ 1,222,183.65
<b>Totals</b>	<b>\$ 1,405,511.20</b>

**ALTERNATIVES:**

1. Accept the 2014/15 Asphalt Street Pavement Improvements (Ferndale Avenue, Coy Street) & 2014/15 Water System Improvements (Coy Street, South Franklin Avenue) as completed by Manatt’s, Inc., of Ames, Iowa, in the amount of \$1,222,183.65.
2. Direct staff to pursue modifications to the project.

**MANAGER’S RECOMMENDED ACTION:**

This project was completed in accordance with the approved plans and specifications and is within the approved budget.

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