

**COUNCIL ACTION FORM**

**SUBJECT: WATER SYSTEM IMPROVEMENTS (SUMMIT AVENUE AND CRESCENT STREET) PROJECT COMPLETION**

**BACKGROUND:**

The annual Water System Improvements program provides for replacing water mains in areas that are experiencing rusting water problems. It also provides for installing larger distribution mains in areas that have a high concentration of 4-inch supply lines, transferring water services from 4-inch water mains in streets where larger water mains exist, and abandoning 4-inch 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-inch supply lines and less than desirable fire-fighting capacity (predominately 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.

As part of the 13<sup>th</sup> Street Water Main Replacement Project (Crescent Street to Furman Aquatic Center), the City received complaints of low pressure on Summit Avenue, Crescent Street, and 13<sup>th</sup> Street near the project during the testing of the water main. The 4-inch main along Summit Avenue and Crescent Street was identified as having insufficient capacity (approximately a 2-inch capacity) due to build-up in the existing pipe. This location was highlighted in the Water Distribution System Study as needing to be replaced. Considering the circumstance, this project was re-prioritized to provide reliable water in that area. Additionally, Summit Avenue and Crescent Street were included in the 2008/2009 Seal Coat Removal/Asphalt Reconstruction Program, which was under contract with Manatt's, Inc. to be completed in summer 2009. Manatt's agreed to schedule their work following completion of this water main project.

On November 25, 2008, City Council awarded the contract to Ames Trenching & Excavating, of Ames, Iowa, in the amount of \$224,831.00. Construction was completed in the amount of \$192,641.88. Some pavement restoration was completed under the 2008/2009 Asphalt Resurfacing/Seal Coat Reconstruction Program to facilitate the construction of both projects, which results in the amount of \$16,944.22 paid through this project. Engineering and construction administration expenses were in the amount of \$31,440. Total project costs, as detailed above, are \$241,026.10.

This project will use remaining funds from the 2007/08 Water System Improvement Program, which was budgeted in the amount of \$900,000 from the Water Utility Fund. The following table shows the financial obligations of the 2007/08 Water System Improvement Program.

<u>Project</u>	<u>Contract Amount</u>
Water Service Transfers (est.)	\$ 99,421.00
State Avenue & Lettie Street Main Replacement (est.)	\$ 433,894.08
13 <sup>th</sup> Street Water Main Replacement Contribution	\$ 46,300.00
Summit Avenue and Crescent Street Replacement	\$ 192,641.88
Pavement Restoration (2008/2009 Asphalt Resurfacing)	\$ 16,944.22
Engineering and Construction Administration (est.)	\$ 110,798.82
Total	\$ 900,000.00

**ALTERNATIVES:**

1. Accept the Water System Improvements (Summit Avenue and Crescent Street) as completed by Ames Trenching & Excavating of Ames, Iowa, in the amount of \$192,641.88.
2. Direct staff to pursue modifications to the project.

**MANAGER'S RECOMMENDED ACTION:**

This project has now been certified as complete by the project engineer. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby accepting the Water System Improvements (Summit Avenue and Crescent Street) as completed by Ames Trenching & Excavating of Ames, Iowa, in the amount of \$192,641.88.