

COUNCIL ACTION FORM

SUBJECT: 2007/08 WATER SYSTEM IMPROVEMENTS (WATER MAIN REPLACEMENT)

BACKGROUND:

The annual 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-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.

This project entailed placing a 12-inch water main along the west side of Manning Avenue from Lincoln Way to the old middle school, including transferring of services. The project also placed a 12-inch main from the old middle school to Mortensen Road on the west side of State Avenue. There was also main replacement on Lettie Street from State Avenue to Wilmouth Avenue, and a connection made from State Avenue to Wilmouth Avenue on the south side of the old middle school. These projects were identified in the November 2005 Water Distribution System Study, completed by Stanley Consultants, which loops the west pressure zone of the water distribution system. Staff secured easements from the Ames Community School District for this project.

On May 27, 2008, City Council awarded this contract to CE Contracting, LTD of Hampton, Iowa, in the amount of \$433,894.08. Construction was completed in the amount of \$442,548.02. This project was shown in the 2007/08 approved budget with financing in the amount of \$900,000 from the Water Utility Fund. Other projects constructed with funding from this 2007/08 program include:

<u>Project</u>	<u>Contract Amount</u>
Water Service Transfers (est.)	\$ 84,220.60
State Avenue & Lettie Street Main Replacement	\$ 442,548.02
13 th 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.)	\$ 117,345.28
Total	\$ 900,000.00

ALTERNATIVES:

1. Accept the 2007/08 Water System Improvements (Water Main Replacement) as completed by CE Contracting, LTD of Hampton, Iowa, in the amount of \$442,548.02.
2. Direct staff to pursue other options.

MANAGER'S RECOMMENDED ACTION:

This project has been constructed in accordance with the approved plans and specifications, and should now be accepted as complete.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby accepting the 2007/08 Water System Improvements (Water Main Replacement) as completed by CE Contracting, LTD of Hampton, Iowa, in the amount of \$442,548.02.