

COUNCIL ACTION FORM

SUBJECT: 2010/11 WATER SYSTEM IMPROVEMENTS (WATER MAIN REPLACEMENT)

BACKGROUND:

The annual Water System Improvements program provides for replacing water mains in areas experiencing rusting water problems. It also provides for installing larger distribution mains in areas with 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 City's Land Use Policy Plan.

This project entailed placing an 8-inch water main along South Oak (South 4th Street to Lincoln Way) and along North Oak (Lincoln Way to North 3rd Street) to replace a 4-inch water main in anticipation of the roadway replacement in the 2013 construction season. This project also included transferring the water services to the new 8-inch water main and abandonment of the 4-inch water main.

On April 12, 2011, City Council awarded this project to MPS Engineers of Des Moines, Iowa, in the amount of \$233,499.60. Construction was completed in the amount of \$265,987.36. This final amount, which is over the original contract, included additional tunneling necessary to save trees, transferring of additional water services off the old water main, and additional fittings necessary to tie the new main to the existing mains.

Project funding was shown in the 2010/11 Capital Improvements Plan in the amount of \$900,000 from the Water Utility Fund.

The 2010/11 Water System Improvements Program includes expenses as follows:

Oak Ave Water Main Replacement (This project)	\$265,987.36
South Duff Water Main Replacement (as bid)	\$143,559.75
Ash Avenue Water Service Transfers (actual)	\$195,439.58
Ash Avenue Water Main Lowering (actual)	\$ 33,651.00
Main Street Water Service Transfers (actual)	\$ 70,000.00
Engineering and Contract Administration (estimated)	<u>\$135,000.00</u>
Total Program Expenses (estimated)	\$843,637.69

ALTERNATIVES:

1. Accept the 2010/11 Water System Improvements (Water Main Replacement) project as completed by MPS Engineers of Des Moines, Iowa, in the amount of \$265,987.36.
2. Direct staff to pursue modifications to the project.

MANAGER'S RECOMMENDED ACTION:

The project has now been completed in accordance with 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, thereby accepting the 2010/11 Water System Improvements (Water Main Replacement) as completed by MPS Engineers of Des Moines, Iowa, in the amount of \$265,987.36.