

ITEM # 17
DATE: 10-23-07

COUNCIL ACTION FORM

SUBJECT: 2006/07 WATER SYSTEM IMPROVEMENTS (WATER MAIN REPLACEMENT)

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. The 2006/07 program locations for replacement of water mains were Beach Avenue (Lincoln Way to Mortensen Road) and Story Street (Wilmouth Avenue to Howard Avenue).

On September 26, 2006, City Council awarded the contract to Ames Trenching & Excavating, Inc. of Ames, IA, in the amount of \$447,893.00.

In accordance with purchasing policies, staff approved Change Orders No. 1 and 2 that included costs for additional valves, tapping sleeves, connections, and deduction for pavement (due to the reconstruction of Beach). **Change Order No. 3 includes new water main and associated work on Garfield Avenue (Ontario Street to Quebec Street). This work was identified as a priority due to an unusual number of main breaks on the existing 6-inch water main on Garfield Avenue in the recent weeks.** Change Orders No. 1 through 3 will increase the amount of the contract by \$78,592.50, resulting in a total contract amount of \$526,485.50.

This project is shown in the 2006/07 Capital Improvement Plan with financing in the amount of \$900,000 from the Water Utility Fund. The remainder of the funds will be utilized for design and construction of additional water system improvement projects.

Other work in the 2006/07 Water Systems Improvements is shown below:

| <u>Expense</u> | |
|--------------------------------------|---------------|
| Design & Construction Administration | \$ 75,490.55 |
| Water Service Transfers | \$ 177,921.58 |
| Other Minor Projects | \$ 14,610.96 |
| Change Orders 1 through 3 | \$ 78,592.50 |

This brings total projected contract expenses to approximately \$873,000.

ALTERNATIVES:

1. Approve Change Orders No. 1 through 3 for the 2006/07 Water System Improvements (Water Main Replacement).
2. Direct staff to pursue modifications to the project.

MANAGER'S RECOMMENDED ACTION:

It is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby approving Change Orders No. 1 through 3 for the 2006/07 Water System Improvements (Water Main Replacement).