

**COUNCIL ACTION FORM**

**SUBJECT: 2009/10 WATER SYSTEM IMPROVEMENTS  
(DUFF AVENUE 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.

This project entailed placing an 8-inch water main along Duff Avenue from 5<sup>th</sup> Street to 6<sup>th</sup> Street to replace the 4-inch water main and to transfer services. This project also included transferring services on Duff Avenue from Main Street to 5<sup>th</sup> Street, which allowed for abandonment of the 4-inch water main.

On February 9, 2010, City Council awarded this contract to Halbrook Excavating, Inc., of Ankeny, Iowa, in the amount of \$83,469.40. Construction was completed in the amount of \$80,527.01. Engineering and Administration costs for the four projects in the 2009/10 Water Improvements program are shown below.

The 2009/10 Water System Improvements Program includes expenses as follows:

Oakland Street Water Main Replacement	\$293,950.45
Duff Avenue Water Main Replacement	\$ 80,527.01
Water Service Transfers	\$ 91,764.80
South Duff Area Storm Sewer Project	\$240,000.00
Engineering and Contract Administration	<u>\$110,000.00</u>
	\$819,184.65

This project is shown in the 2009/10 budget with financing in the amount of \$900,000 from the Water Utility Fund. Remaining funds will be used for contingencies on the active contracts.

**ALTERNATIVES:**

1. Accept the 2009/10 Water System Improvements (Duff Avenue Water Main Replacement) as completed by Halbrook Excavating, Inc., of Ankeny, Iowa, in the amount of \$80,527.01.
2. Direct staff to pursue modifications to the project.

**MANAGER'S RECOMMENDED ACTION:**

By accepting the project the reliability of water system and water quality for our citizens was improved.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby accepting the 2009/10 Water System Improvements (Duff Avenue Water Main Replacement) as completed by Halbrook Excavating, Inc., of Ankeny, Iowa, in the amount of \$80,527.01.