

**COUNCIL ACTION FORM**

**SUBJECT:** TORONTO AREA 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 current and future land uses, in accordance with the Land Use Policy Plan.

**This particular project was an unplanned, emergency replacement due to water quality issues.** The project entailed placing an 8-inch water main along Toronto Street from North Dakota to Alberta Avenue, along Windsor Court, along Arizona Avenue from Toronto Street to Ontario Street, and along Tucson Circle east from Arizona Avenue. This project also included transferring water services to the new 8-inch water main and abandonment of the 6-inch water main. **The project was in response to the neighborhood voicing concerns regarding rusty water in the area.**

On February 26, 2014, City Council awarded the project to J & K Contracting, LLC of Ames, IA in the amount of \$298,735.47. Two change orders were administratively approved by staff in accordance with Purchasing Policies and Procedures. The first change order, in the amount of \$17,511.18, included changes in the type of work from directional boring to open cut construction. This change was deemed necessary because underground utility and service conflicts would have left the new water main too shallow or unnecessarily deep, thus increasing future maintenance costs. The second and final change order, a deduction in the amount of \$5,266.25, was the balancing change order for the project and reflected actual quantities installed in the field.

Construction was completed in the amount of \$310,980.40. Final acceptance of this project was delayed over the winter of 2013/14 to ensure proper vegetative restoration growth in the spring of 2014. Engineering and contract administration costs totaled \$46,650, bringing overall project costs to \$357,630.40.

A total of \$450,000 in funding had been identified for this project from unobligated Water Utility funds budgeted for previous Water System Improvements projects.

**ALTERNATIVES:**

1. Accept the Toronto Area Water Main Replacement as completed by J&K Contracting LLC of Ames, Iowa, in the amount of \$310,980.40.
2. Direct Staff to pursue modifications to the project.

**MANAGER'S RECOMMENDED ACTION:**

Staff and City Council were able to respond to resident water quality concerns in this area by utilizing unobligated funds from previous projects. This project was completed in accordance with the approved plans and specifications and within the amount available.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1 as described above.