



## CITY OF KIRKLAND

Department of Public Works

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[www.ci.kirkland.wa.us](http://www.ci.kirkland.wa.us)

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### MEMORANDUM

**To:** David Ramsay, City Manager

**From:** Daryl Grigsby, Public Works Director  
Ray Steiger, P.E., Capital Projects Manager

**Date:** July 23, 2009

**Subject:** 2008 WATER SYSTEM IMPROVEMENT PROJECT - NORTH  
ACCEPT WORK AND ESTABLISH LIEN PERIOD

#### RECOMMENDATION:

It is recommended that the City Council accept the 2008 Water System Improvement Project - North as constructed by KarVel Construction Company of Renton, WA and establish the required 45-day lien period.

#### BACKGROUND AND DISCUSSION:

The 2008 Water System Improvement Project - North replaced approximately 4,900 lineal feet of asbestos cement (AC) water main with 8" ductile iron pipe, at three separate locations (Attachment A). The aging AC water main was susceptible to breaks and not capable of providing adequate fire flow. The replacement of individual water service lines and fire hydrant connections along the project alignment has also been completed.

At their regular meeting on November 18, 2008, Council awarded the contract for this project to KarVel Construction Company in the amount of \$815,571, approximately \$211,000 under the construction budget. Work began February 2, 2009 and was complete on June 16, 2009. Total payments to the contractor equal \$873,600; \$58,029 over the contract amount. The additional construction costs are due to higher than anticipated quantities for asphalt patching along the 10<sup>th</sup> Avenue portion of the project (WA-0060). The asphalt patch along 10<sup>th</sup> Avenue was widened from a typical five foot width to nine feet wide in order to extend the asphalt to the north edge of 10<sup>th</sup> Avenue. The wider patch was necessary for the repair of poor subsurface areas encountered throughout the project alignment and will provide a more structurally stable, longer lasting patch.

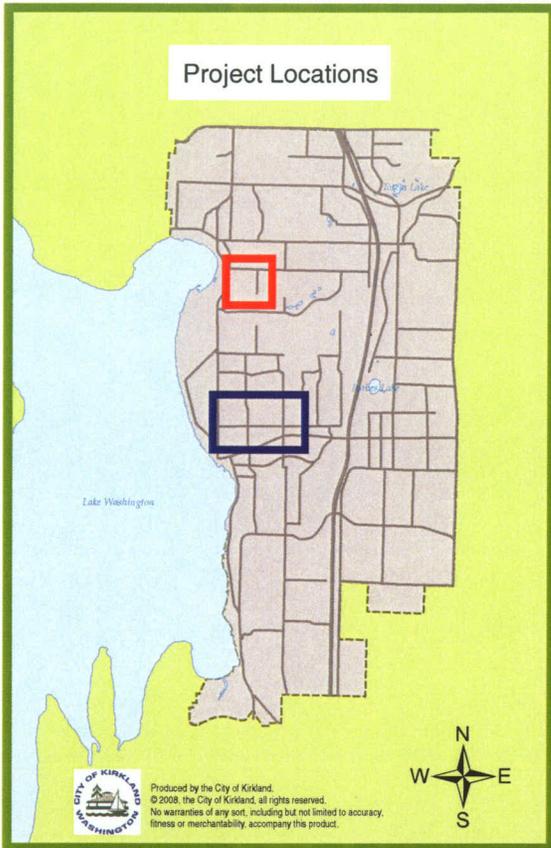
With an approved budget of \$1,438,100, total project expense equals \$1,153,000, leaving a \$285,100 surplus (Attachment B). At project close-out, all remaining project monies will be returned to the water/sewer capital contingency.

Attachment: (2)

# Site Map

## 2008 Water System Improvements Project - North

WA-0059 WA-0060 WA-0077



**2008 Water System Improvements Project - North  
WA-0059 WA-060 WA-0077  
Project Budget Report**

