



CITY OF KIRKLAND

Department of Public Works

123 Fifth Avenue, Kirkland, WA 98033 425.587.3809

www.ci.kirkland.wa.us

MEMORANDUM

To: Kurt Triplett, City Manager

From: Dave Snider, P.E., Interim Capital Projects Manager
Ray Steiger, P.E., Interim Public Works Director

Date: July 8, 2010

Subject: 120TH AVE NE / NE 73RD ST WATER MAIN REPLACEMENT -- ACCEPT WORK

RECOMMENDATION:

It is recommended that City Council accept the 120th Ave NE/NE 73rd St Water Main Replacement Project, as constructed by Freeman Bell LLC of Pacific, WA, and establish the statutory 45-day lien period. In addition, it is recommended that \$90,000 of the project funding be transferred to the Annual Street Preservation Program to provide for future overlay of streets impacted by the water main improvements.

BACKGROUND AND DISCUSSION:

The 120th Ave NE/NE 73rd St Water Main Replacement Project provided for the installation of 2,100 lineal feet of 8" diameter ductile iron pipe. The new pipe replaced aging asbestos cement (AC) water main that was susceptible to breaks and incapable of meeting fire flow requirements (Attachment A).

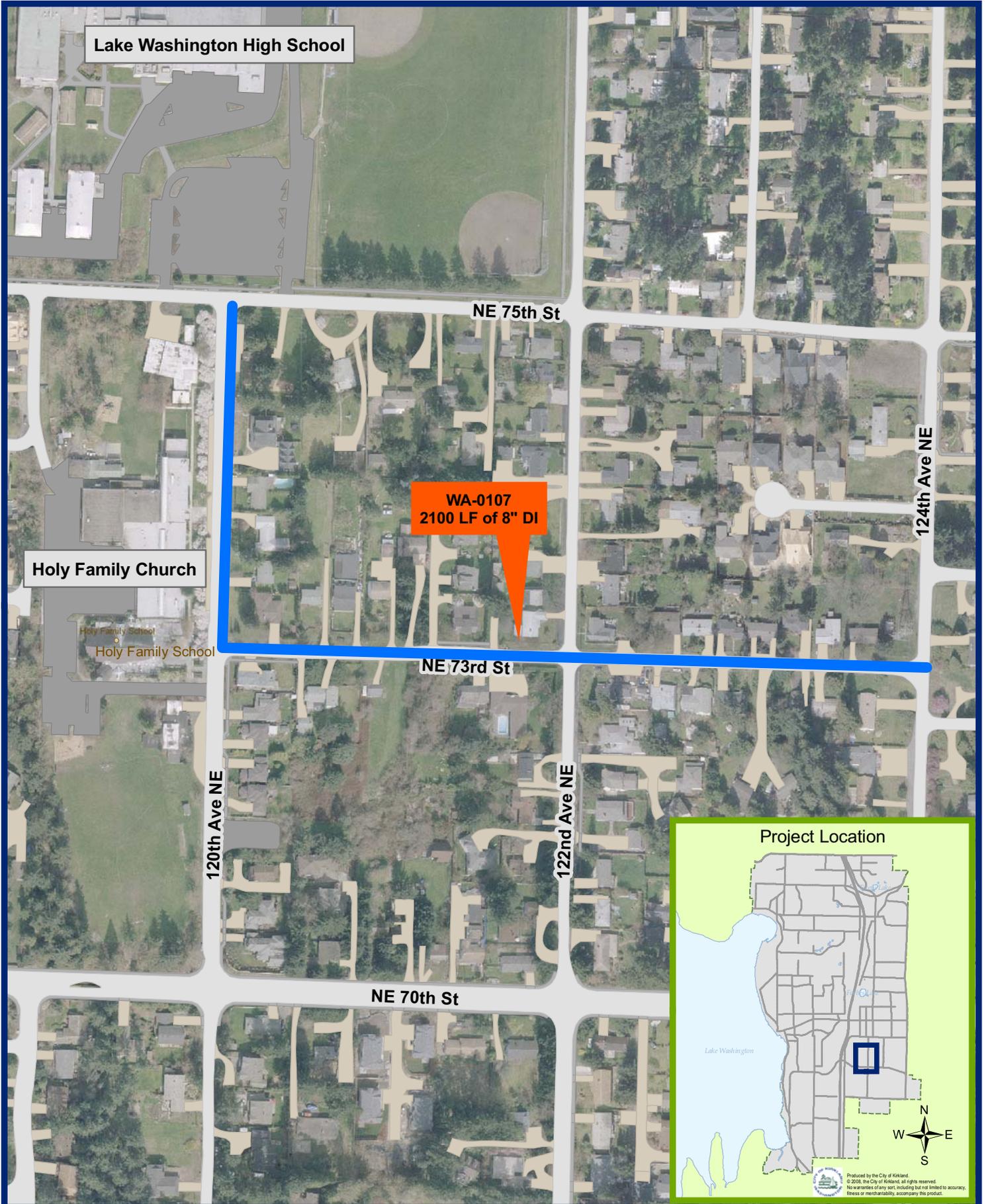
At their regular meeting on December 6, 2009, Council awarded the contract for this Project to Freeman Bell, LLC in the amount of \$267,856; work began February 1, 2010 and was complete on April 14, 2010. Total payment to the Contractor was \$265,646; there was one no-cost change order issued. The total construction cost per foot of pipe was approximately \$130 per foot (Attachment B).

Consistent with Council's direction earlier this year, staff is also transferring \$90,000 from this watermain project to the Annual Street Preservation Program to offset the long term impacts of watermain construction on City streets. The watermain work included asphalt patches and crack sealing of the patch seams to the specific areas disturbed; however, given the good condition of the existing roadway, an overlay was not warranted at this time. The overlay of impacted streets will be incorporated into the overall Annual Street Preservation Program.

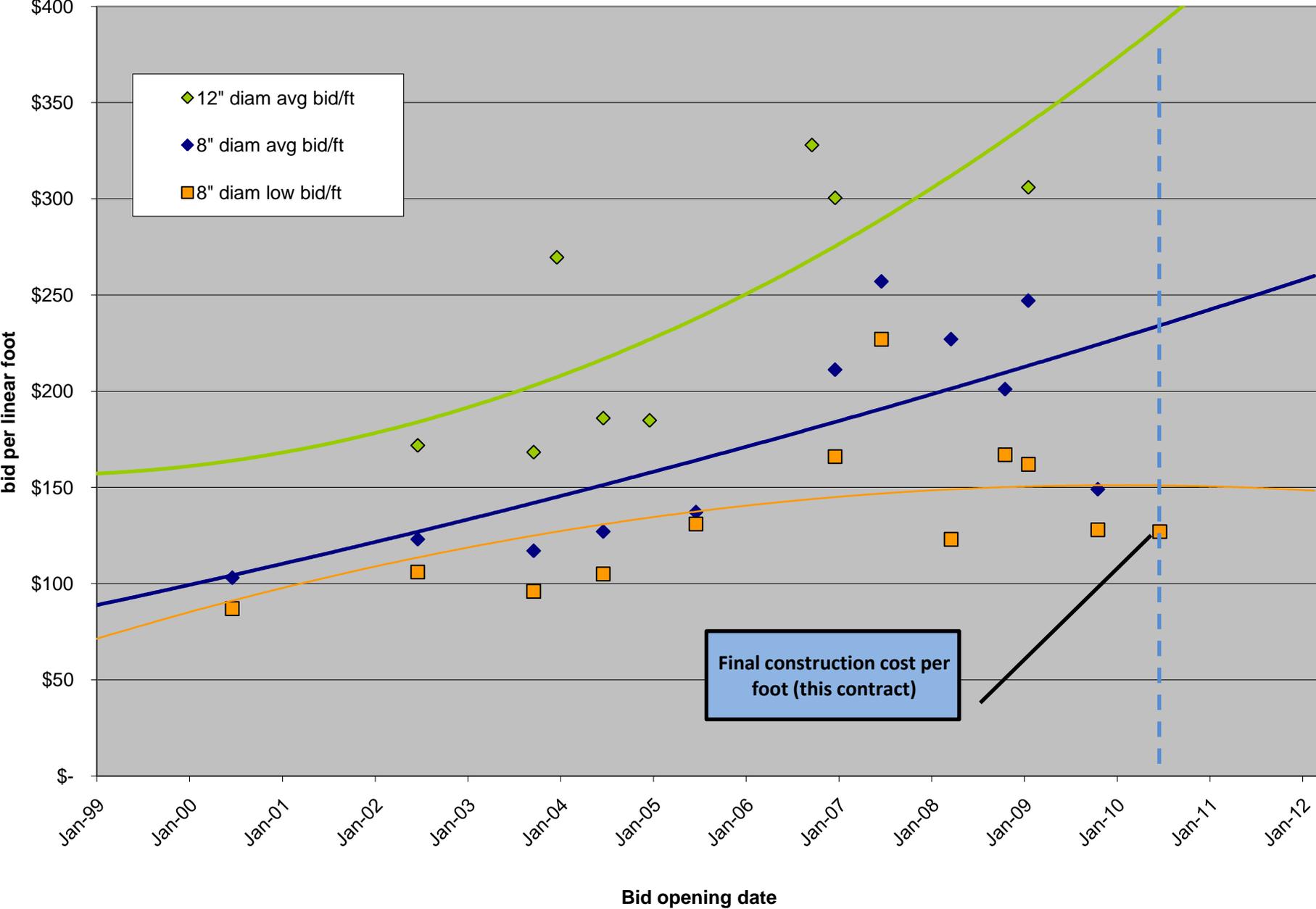
With total Project expenses of \$556,800 and an approved budget of \$827,000, there is a budget surplus of \$270,200 (Attachment C), and at final project close-out, remaining funds will be returned to the water/sewer capital contingency.

Attachment: (2)

120th Avenue NE & NE 73rd Street Water Main Replacement
WA-0107



Historical comparison of watermain bids



120th Avenue NE / NE 73rd Street Water Main Replacement

Project Budget Report

