



CITY OF KIRKLAND

Department of Public Works
123 Fifth Avenue, Kirkland, WA 98033 425.587.3809
www.ci.kirkland.wa.us

MEMORANDUM

To: David Ramsay, City Manager

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

Date: December 3, 2009

Subject: 120TH AVE NE & NE 73RD ST WATER MAIN REPLACEMENT – AWARD CONTRACT

RECOMMENDATION:

It is recommended that Council award the 120th Avenue NE & NE 73rd Street project to Freeman Bell LLC of Pacific, WA for the amount of \$267,855.62. In addition, it is recommended that \$90,000 of the project funds be transferred into the annual street preservation program to provide for the half-street overlay that will be required by the watermain project.

BACKGROUND AND DISCUSSION:

The 120th Avenue NE & NE 73rd Street Water Main Replacement project replaces approximately 2,100 lineal feet of Asbestos Cement (AC) water main with 8" ductile iron pipe (Attachment A). The existing AC water main is susceptible to breaks and is not capable of providing adequate fire flow. The replacement of individual water service lines and fire hydrant connections along the project alignment is also included in the work.

With an engineer's estimate of \$412,000, staff first advertised for contractor bids on October 28, 2009, followed by a bid opening on November 12, 2009. Due to the current economic conditions, there continues to be a high numbers of bidders for projects. This project had twenty-nine contractor bids with total bid prices ranging from \$267,856 to \$428,312 and an average bid equal to \$311,033. The ten lowest bids and engineers estimates are as follows:

Contractor	Total Bid
Freeman Bell, LLC	\$ 267,855.62
Laser Underground & Earthworks Inc.	\$268,095.75
B&B Utilities & Excavating, LLC	\$272,819.25
T Barger Dirtworks	\$273,312.00
Mosbrucker Excavating, Inc.	\$273,476.25
Kar-Vel Construction	\$289,332.84
Titan Earthwork	\$295,437.24
Archer Construction, Inc.	\$297,433.76
VJM Construction Co., Inc.	\$302,269.28
Aurora Engineering, Inc.	\$ 305,346.23
Engineers Estimate	\$412,043.03

The high number of bidders and close bid prices indicate the construction market has continued to stay highly competitive. A historical construction cost comparison shows that costs are now as low as those of

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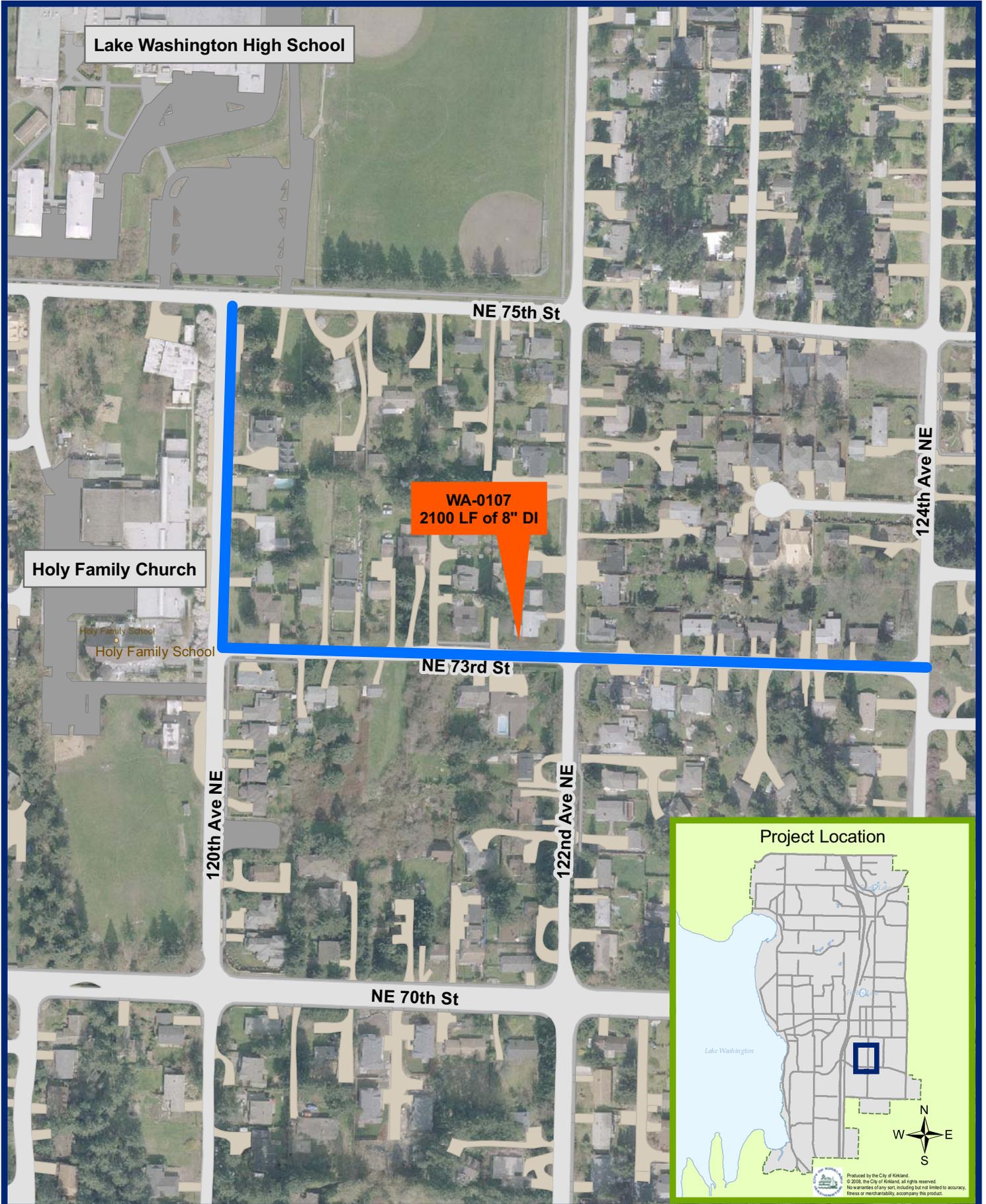
five years ago (Attachment C), accordingly, the low bid falls well under the current construction budget and provides for a significant project contingency (Attachment B). With Council approval, construction will begin in January, 2010 with substantial completion expected in March, 2010.

In order to allow construction to proceed during this (cold and wet) time of the year, it is recommended that the asphalt paving associated with the project restoration be deferred to a dryer season and completed with the City's street preservation program. \$90,000 funding for the paving is recommended to be transferred from the watermain project to the street preservation program.

Attachments (3)

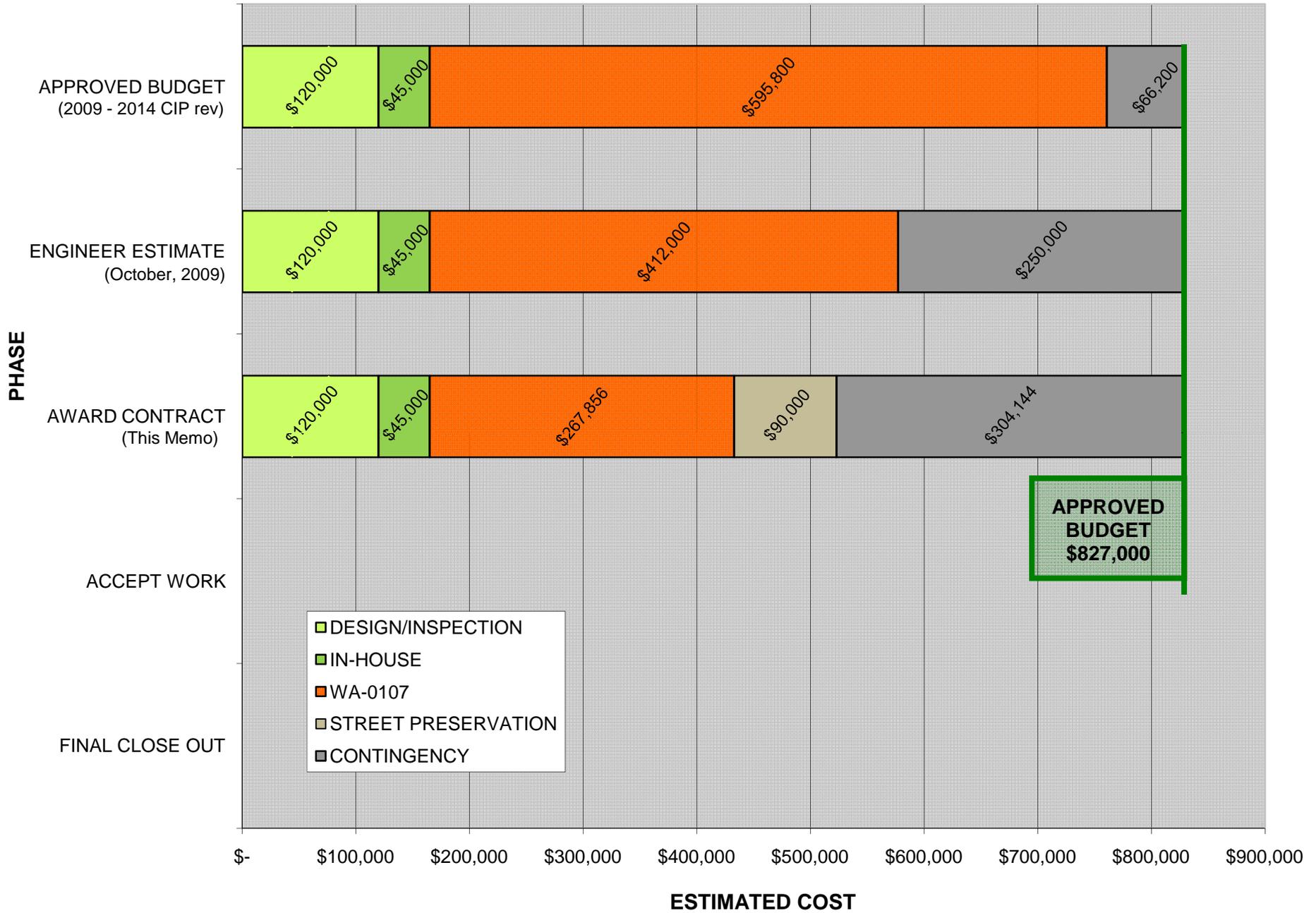
Site Map

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



120th Avenue NE / NE 73rd Street Water Main Replacement (WA-0107)

Project Budget Report



Historical Watermain Replacement Construction Cost Comparison

