



CITY OF KIRKLAND

Department of Public Works

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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: June 5, 2008

Subject: NE 126th Street / 94th Avenue NE Channel Restoration
AWARD CONTRACT

RECOMMENDATION:

It is recommended that City Council award the contract for the NE 126th Street / 94th Avenue NE Channel Restoration project to MVG, LLC of Maple Valley, WA in the amount of \$99,408.00 and approve the request for an additional \$36,900.00 in funding for the project.

BACKGROUND AND DISCUSSION:

The NE 126th Street / 94th Avenue NE Channel Restoration project is located on a tributary to Juanita Creek commonly known as Billy Creek. The tributary originates from outside City limits in the Finn Hill area of unincorporated King County and is a large source of sediment to the Juanita Creek main-stem. This section of the tributary was identified in the Surface Water Master Plan as a location where poor riparian vegetation and eroded (down cut) channel sections exist. When complete, this project will reduce erosion and sediment transport to Juanita Creek by adding in-stream rock and log structures, removing invasive plant species and replanting with native vegetation.

The project is located upstream and approximately one block away from another surface water restoration project (the 95th Avenue NE Sediment Pond Restoration project) (Attachment A). Because of their close proximity, potential to benefit from lower unit prices and to reduce impacts to residents during construction; the two projects were originally planned to be bid and constructed together during the summer of 2007. As design work began on the combined projects, unexpected permitting requirements associated with fish passage criteria delayed progress. Washington Department of Fish and Wildlife (WDFW) requires that work in streams meet specific fish passage criteria. The original scope of both projects did not anticipate the need to meet fish passage criteria because the tributary is completely disconnected from Juanita Creek for fish passage by a three foot hanging culvert, and there have been no documented fish sightings upstream of that fish barrier (Attachment B). WDFW determined that because the downstream fish passage barrier is man made (culvert) and not naturally occurring, the culvert could potentially be removed and fish could be introduced to the tributary; therefore requiring all projects upstream to meet fish passage criteria. This determination required additional engineering time and eventually led to separating the two projects and bidding the subject project by itself. The second project, the 95th Ave NE Sediment Pond Restoration project is currently being re-evaluated to determine if the planned improvements can be constructed while meeting fish passage criteria.

The NE 126th Street / 94th Avenue NE Channel Restoration project was advertised on the Shared Small Works Roster and on May 28, 2008 bids were opened. Four bids were received as follows:

Contractor	Bid
MVG, LLC	\$99,408.00
<i>Engineers Estimate</i>	<i>\$99,953.00</i>
Talakai Construction	\$112,433.50
The Phoinix Corp.	\$119,920.91
A-1 Landscaping	\$142,561.10

A review of the bids received (Attachment C) indicates that they are consistent with the engineers estimate and slightly below previous bids considering inflation, and as such, staff recommends proceeding with the award.

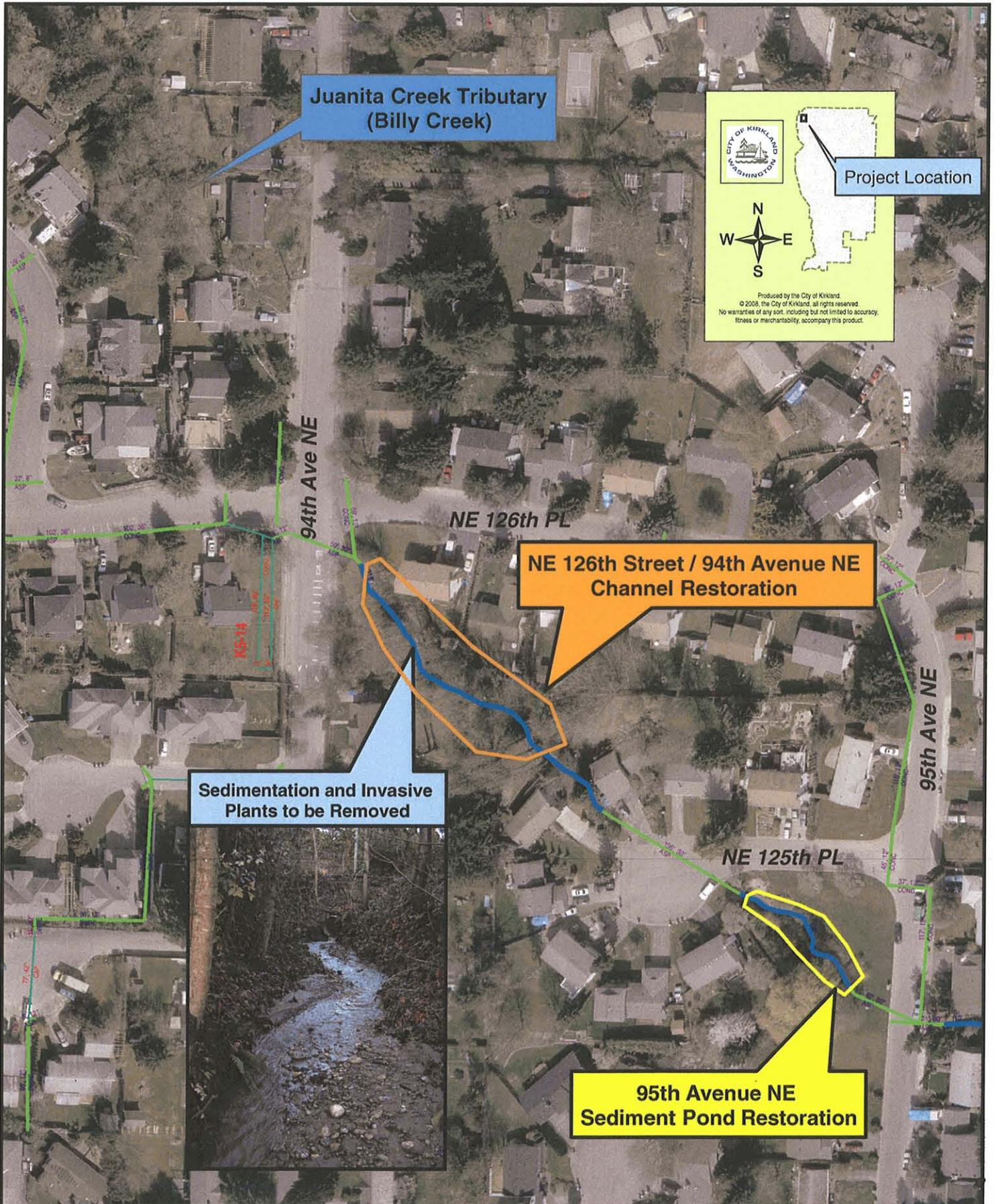
The approved budget for the NE 126th Street / 94th Avenue NE Channel Restoration project is \$184,100. The budget was based on a project cost estimate developed in the Surface Water Master Plan completed in 2004 and incorporated into the 2006-2011 CIP, spring 2005. Based on current permitting requirements, the estimate did not include adequate funding for design and permitting, especially with regards to fish passage requirements, as at that time they were not as comprehensive. Now that all permits have been issued, design is complete and bids are received, a budget shortfall of \$36,900 has been identified (Attachment D). The shortfall can be contributed to in-house and design engineering cost related to the additional time spent meeting permitting conditions and analyzing fish passage requirements.

With Council award of the NE 126th Street / 94th Avenue NE Channel Restoration project, additional funding would come from the Surface Water Capital Contingency (Attachment E). Construction is anticipated to begin in early July with substantial completion expected in September, 2008.

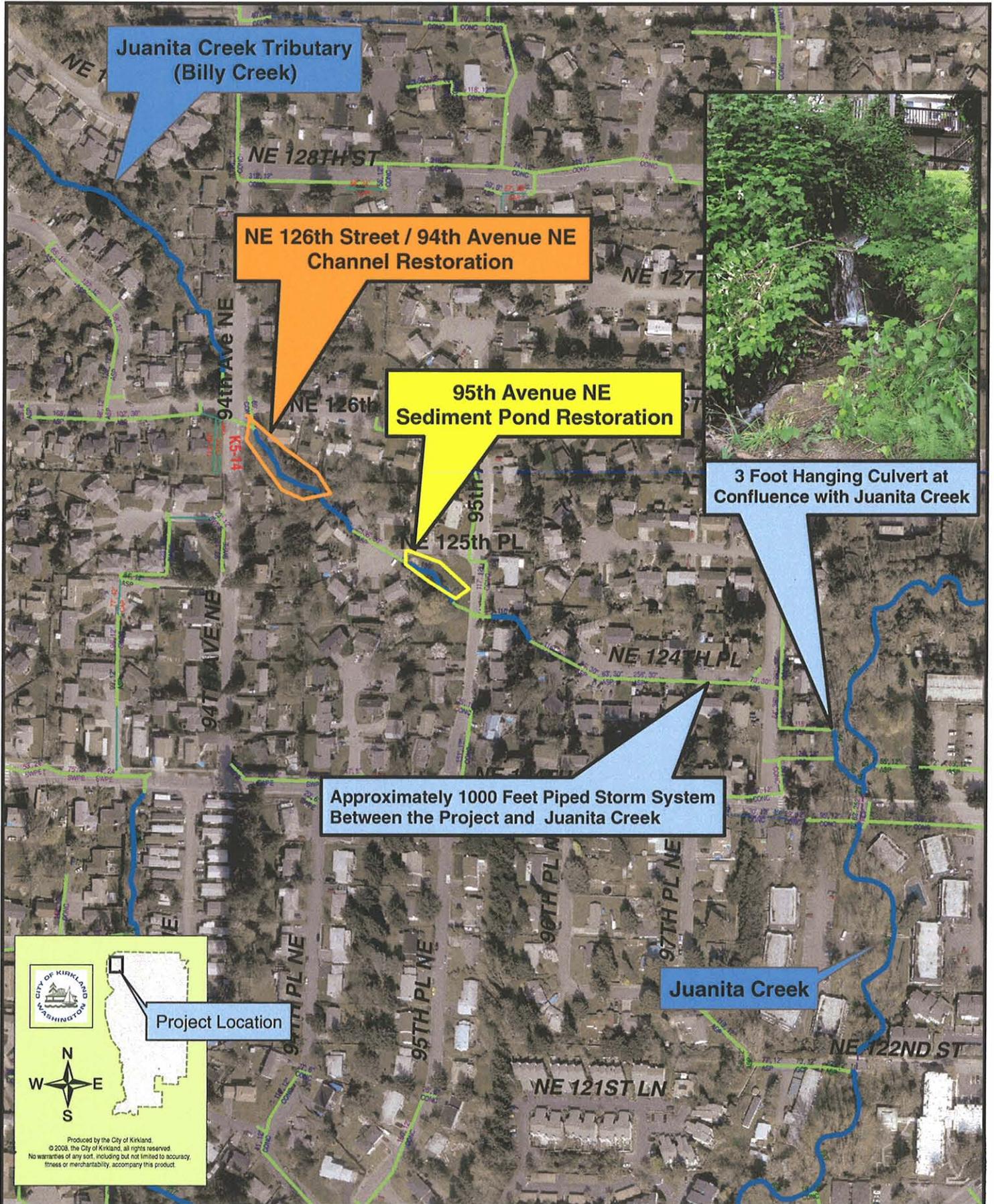
Attachments: (5)

Site Map

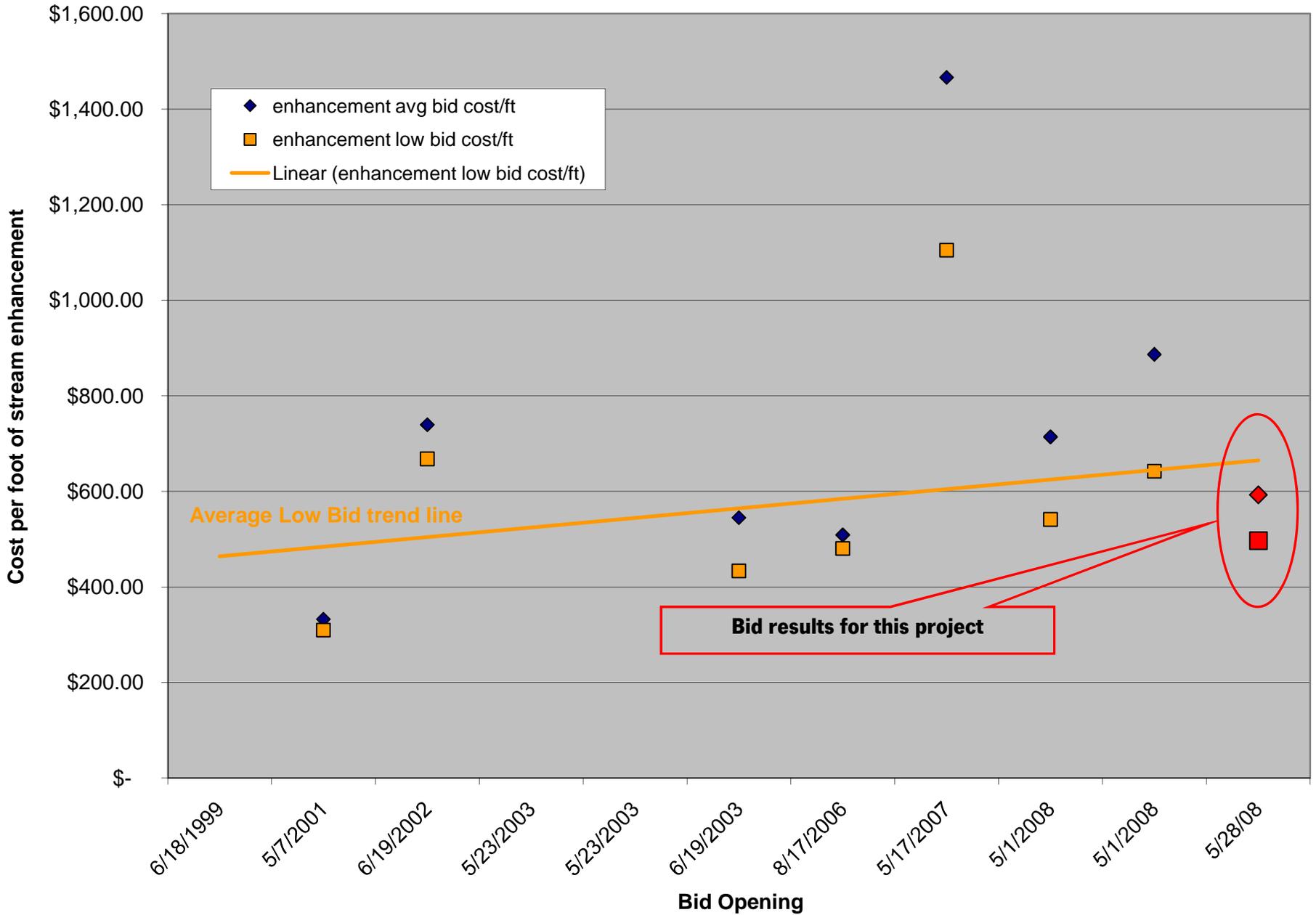
NE 126th Street / 94th Avenue NE Channel Restoration - SD-0039



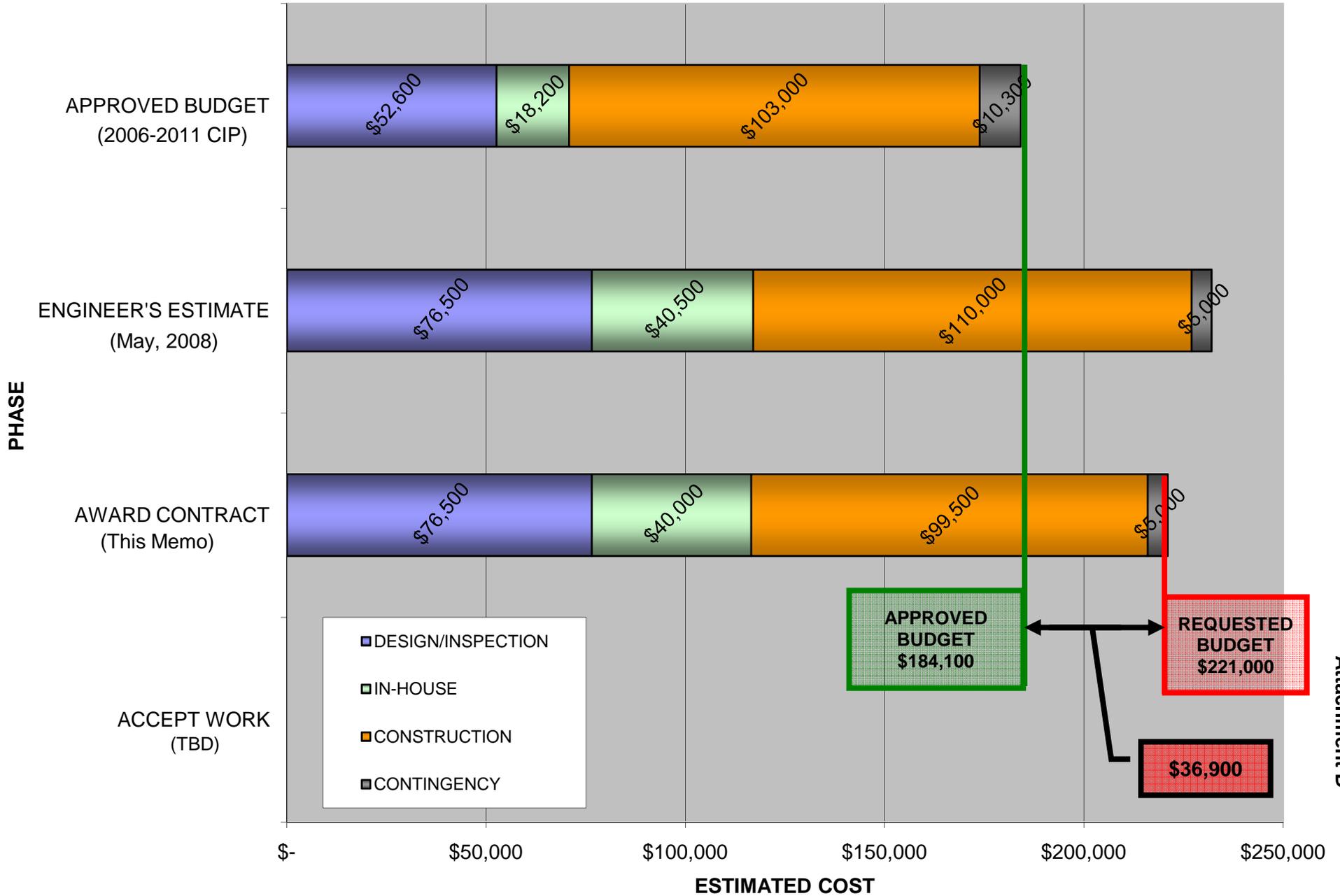
Project Location in Relation to Fish Passage Barrier at Confluence with Juanita Creek



Historical comparison of surface water projects



**NE 126th Street/ 94th Avenue NE Channel Restoration (SD-0039)
PROJECT BUDGET REPORT**



FISCAL NOTE

CITY OF KIRKLAND

Source of Request							
Daryl Grigsby, Public Works Director							
Description of Request							
Request additional funding of \$36,900 from the Surface Water Capital Contingency for the NE 126th Street/94th Ave NE Channel Restoration project. The project incurred additional costs for design and permitting, especially regarding fish passage requirements, which were not in place at the time the original budget was developed.							
Legality/City Policy Basis							
Fiscal Impact							
One-time use of \$36,900 of the Surface Water Capital Contingency. The contingency is able to fully fund this request.							
Recommended Funding Source(s)							
Reserve	Description	2008 Est End Balance	Prior Auth. 2007-08 Uses	Prior Auth. 2007-08 Additions	Amount This Request	Revised 2008 End Balance	2008 Target
	Surface Water Capital Contingency	876,760	360,500	0	36,900	479,360	876,760
	Prior 2007-08 Authorized Uses include \$360,500 for the Juanita Creek Channel Enhancements project for additional design work due to Dept. of Fish and Wildlife permits and higher than anticipated construction costs received on opened bids.						
Revenue/Exp Savings							
Other Source							
Other Information							

Prepared By	Neil Kruse, Budget Analyst	Date	June 6, 2008
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