



CITY OF KIRKLAND

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MEMORANDUM

To: Kurt Triplett, City Manager

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

Date: November 15, 2010

Subject: NE 73rd Street Improvements – Project Closeout

RECOMMENDATION:

It is recommended that the City Council approve funding adjustments for project close-out of the NE 73rd Street sidewalk and watermain improvement project. With Council's authorization, \$71,803 will be transferred to the Project from the general capital contingency fund, and \$68,998 will be returned from the Project to the water/sewer capital contingency fund to complete the project close-out.

BACKGROUND DISCUSSION:

Based on feedback from a number of neighborhood meetings and the School Walk Route Advisory Committee, NE 73rd St between 130th Ave NE and 132nd Ave NE was prioritized as a high priority walk route for the neighborhood and for children attending Rose Hill Elementary and Junior High Schools. The Project was funded in the Capital Improvement Program for construction along the north side of NE 73rd beginning in 2007.

Design of the NE 73rd Sidewalk project focused on opportunities to incorporate Low Impact Development (LID) practices in order to retain the rural look of the neighborhood and to utilize these developing best management practices on a public project. Many techniques were able to be incorporated due to the roadway width, type of surrounding soils, natural terrain, and adjacent resident receptiveness to the maintenance requirements. The specific LID techniques used in the Project include pervious concrete sidewalks and driveway aprons, and a storm system which includes a series of short pipe segments and meandering rain gardens with drought tolerant plants.

During the design of the LID storm system, it was determined that the existing waterline serving NE 73rd Street, constructed of asbestos cement (AC), would be required to be replaced in conjunction with the Project. This waterline, not originally anticipated to be replaced, was included in the sidewalk project scope of work.

The Project was designed and advertised using two separate schedules: Schedule A addressed the sidewalk and roadway components, and Schedule B addressed the watermain work. Bids were opened on August 27, 2008, and on September 16, 2008, Council approved award of the

contract to Dennis R. Craig Construction in the amount of \$418,896. In order to award the contract, the total project budget was increased by \$223,000 (\$180,000 from water/sewer capital contingency and \$43,000 from general capital contingency). The Project construction contract was accepted on July 21, 2009; construction costs were \$433,105 and total project costs were \$584,839.

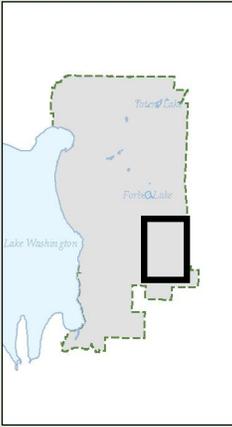
Subsequent to the Project acceptance, the Contractor completed all required paperwork for release of their retained funds and all lien periods have passed. During the Project close-out, it was discovered that the amount of funding approved from the various sources was incorrect; payments made during construction were incorrectly applied to the water schedule of work and not the sidewalk/storm schedule. Although \$585,000 in total funding was approved at acceptance, a total of \$388,000 for Schedule A and \$197,000 was appropriated for Schedule B, at project close-out, the total amount necessary for the sidewalk portion (Sch A) was 460,003 and for the water portion (Sch B) was \$128,202; representing a \$3,366 overall increase in the total Project costs. The final costs at project close-out are as follows:

	<i>Total Cost July 21, 2009 Accept work</i>	Final Eng/Inspection	Final Construction	Final Total Cost	<i>Difference Between Funding & Total Costs</i>
Sch A (Sidewalk)	<i>\$387,728</i>	\$119,250	\$340,752	\$460,003	(\$71,803)
Sch B (Water)	<i>\$197,111</i>	\$35,790	\$92,412	\$128,202	\$68,998
Total Costs	<i>\$584,839</i>	\$155,040	\$433,164	\$588,205	

With Council's approval to close-out and balance the NE 73rd St Sidewalk project budget; \$71,803 will be transferred from the general capital contingency fund, and \$68,998 will be returned to the water/sewer capital contingency fund.

Attachments: Vicinity Map
 Project Budget Report
 Fiscal Note

NE 73rd Street Sidewalk & Waterline replacement

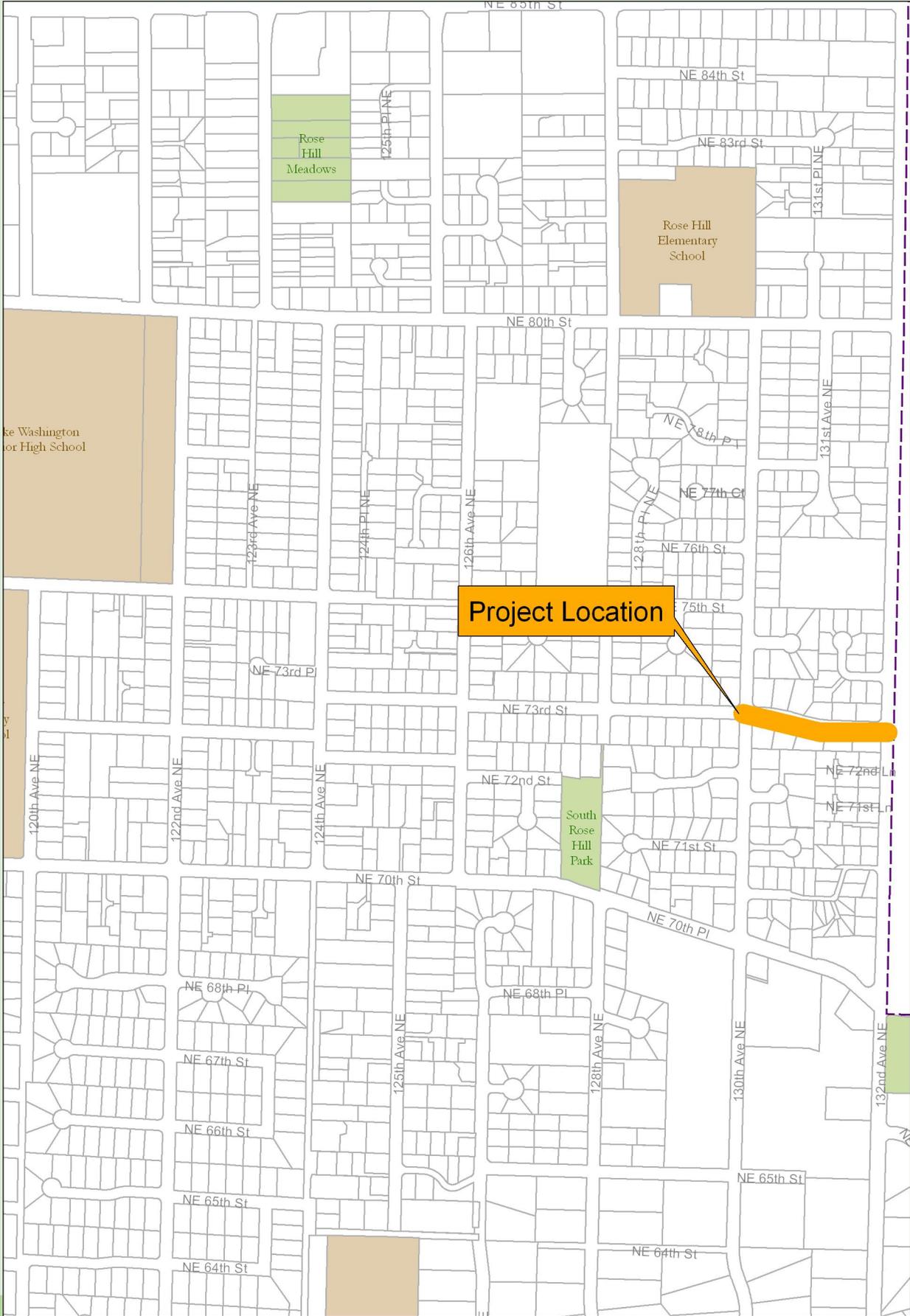


Vicinity Map



Map Legend

- Fire Station
- City of Kirkland Boundary
- Building Footprint
- Railroad Centerline
- Dock/Pier
- Lake
- Tax Parcel Boundary
- Street Centerline
- Pavement Edge
- Park
- School
- Address Point
- Tax Parcels

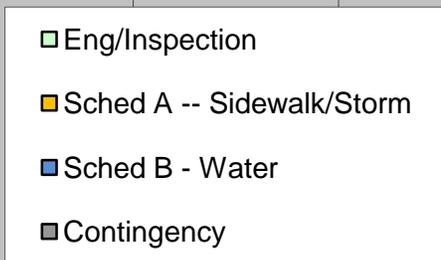


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NE 73RD STREET SIDEWALK & WATER MAIN PROJECT (CNM 0052)

PROJECT BUDGET REPORT

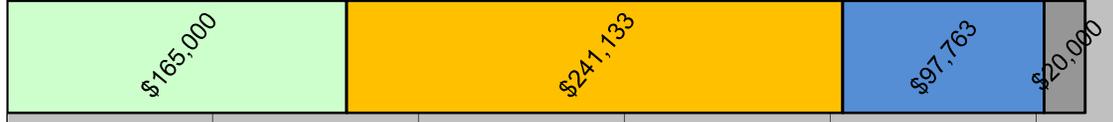
PHASE



BASE BUDGET
(2008-2013 CIP)

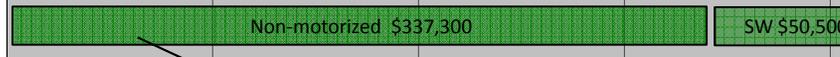


AWARD CONTRACT
(Sept. 16, 2008)



APPROVED BUDGET
\$585,000

ACCEPT WORK
(July 21, 2009)



Individual component funding amount

REQUESTED BUDGET
\$588,205

PROJECT CLOSE OUT
(this memo)



ESTIMATED COST

ATTACHMENT B

FISCAL NOTE

CITY OF KIRKLAND

Source of Request							
Ray Steiger, Interim Public Works Director							
Description of Request							
Request for additional funding of \$71,803 from the General Capital Contingency for the completion and closing of NE 73rd Street Sidewalk project-CNM 0052. Additional funding of \$43,800 for this project was approved in July 2009. (Note that the related watermain project is returning funds to the water/sewer capital contingency reserve to close the project.)							
Legality/City Policy Basis							
Fiscal Impact							
One-time use of \$71,803 of the General Capital Contingency balance. The contingency is able to fully fund this request.							
Recommended Funding Source(s)							
Reserve	Description	2010 Est End Balance	Prior Auth. 2009-10 Uses	Prior Auth. 2009-10 Additions	Amount This Request	Revised 2010 End Balance	2010 Target
	General Capital Contingency	2,444,561	266,514	0	71,803	2,106,244	9,032,430
	2009-10 Prior Authorized Uses of the General Capital Contingency include \$64,000 for the Kirkland Transit Center (local funding), \$43,800 for the NE 73rd Street Sidewalk, \$98,544 for the return of the 2008 Interest Backfill to the General Fund, and \$60,170 to the General Fund for pandemic flu supplies (from Public Safety project balances).						
Revenue/Exp Savings							
Other Source							
Other Information							
Prepared By	Neil Kruse, Senior Financial Analyst				Date	November 18, 2010	