



CITY OF KIRKLAND
Department of Public Works
123 Fifth Avenue, Kirkland, WA 98033 425.587.3800
www.ci.kirkland.wa.us

MEMORANDUM

To: Marilynne Beard, Interim City Manager

From: Ray Steiger, P.E., Interim Public Works Director
Aaron McDonald, P.E., Project Engineer

Date: March 23, 2010

Subject: 100th Ave NE / 99th PI NE Sidewalk (CNM 0060) – ACCEPT WORK

RECOMMENDATION:

It is recommended that City Council accept the construction of the 99th PI NE/100th Ave NE Sidewalk Project, as constructed by Langsholt Construction of Monroe, WA., and establish the statutory 45 day lien period. It is also recommended that Council approve an increase of \$23,000 in City funds for Project close-out.

BACKGROUND DISCUSSION:

The 100th Ave NE / 99th PI NE Sidewalk Project, identified as a part of the City's continued focus on Safe School Walk Routes, resulted in the construction of 1,350 feet of new sidewalk, between NE 112th St and NE 116th St serving A.G. Bell School and Juanita Village (Attachment A). The Project included the installation of permeable concrete sidewalk, new concrete curb and gutter, a half-street asphalt overlay, new rockery retaining walls, storm drain system improvements, planter strips and a small rain garden.



Funding for the Project is a combination of City funds, Neighborhood Connections grant funds and an Urban Sidewalk Program Grant from the Washington State Transportation Improvement Board (TIB). The Neighborhood Connections Grant money was contributed by the South Juanita Neighborhood Association in the amount of \$25,000.

This Project is the second CIP constructed permeable concrete sidewalk for the City, as part of a Low Impact Development (LID) focus, where storm water is kept

Memo to Marilynne Beard
99th / 100th Ave Sidewalk
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on-site thus reducing the need for large and costly storm water detention facilities. LID techniques also help with water quality by allowing infiltration of storm water into the groundwater table. This aids in maintaining stream base flows, reducing in-stream water temperatures, and reduces stream erosion by moderating peak storm flows within existing streams and ultimately to Lake Washington.

The original budget for this project was \$714,000. The Engineer's Estimate for the construction phase of the project was \$292,000 and on March 24, 2009 we received a total of 9 bids with Langsholt Construction providing the low bid of \$172,364.50; at their regular meeting of April 7, 2009, Council awarded the contract. In September, during the revised 2009-2014 CIP process, the overall project budget was reduced by \$200,000 due to the lower engineer's estimate. In addition, the TIB notified us that, due to the low construction contract amount, the original grant amount of \$150,000 would be reduced by approximately \$72,000, resulting in a revised overall budget of \$442,000 (Attachment B).

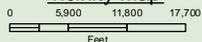
During the construction, the condition of the existing roadway pavement required an increase in the original paving limits. As a result, pavement quantities increased by approximately \$44,000 (an 80% increase from the estimated quantity). Also, the steep grade and elevation differences between the new sidewalk and the adjacent properties resulted in increased material quantity costs as "field-fit" adjustments were made to achieve appropriately accessible driveway grades for properties along the new improvements. The total amount paid to the contractor was \$252,473.62, including four change orders. In addition, once construction was started, a geotechnical engineer was needed to verify the soil conditions.

The total project costs will be approximately \$465,000, and the City's share of those costs has increased as a result of the reduced TIB grant amount. City staff was in close contact with TIB staff throughout the construction process; however, we have been informed in writing that the original grants funds that were withheld at the time of the contract award were reallocated elsewhere, and there is no more TIB money available for this Project. Due to the reduction in the TIB grant and the unanticipated change orders, the amount of City funds needed to complete the Project is approximately \$23,000 (Attachment C) over the approved budget. A fiscal note (see attached) recommends that the additional funds be transferred from the Street Improvement Fund.

Attachment A: 100th Avenue NE/99th Place NE Sidewalk Project



Vicinity Map



Map Legend

— Major Streets



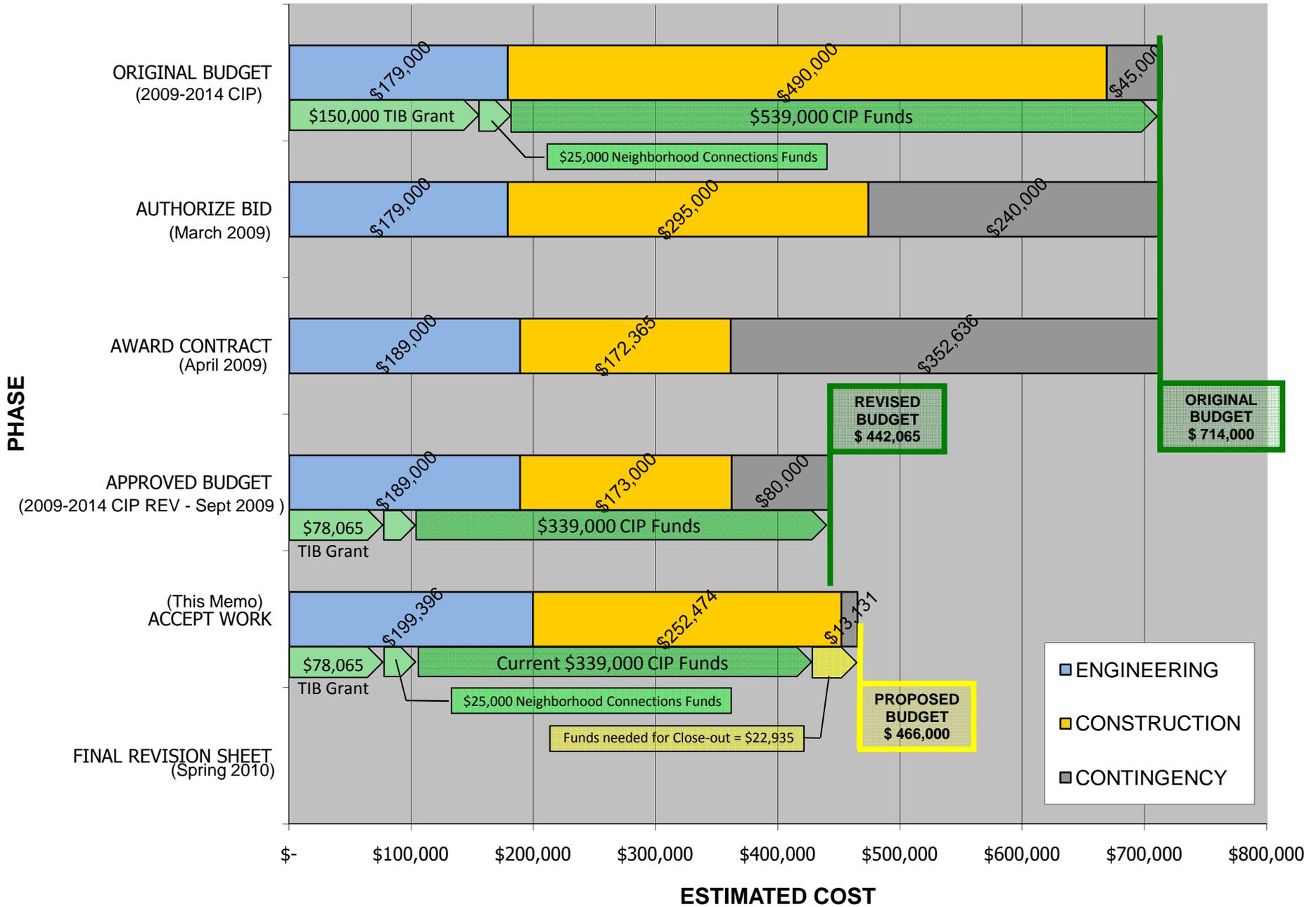
Project Corridor



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fitness or merchantability, accompany this product.

Drawn by: Aaron McDonald
Drawn On: 3/26/2009

**100th Ave NE/99th Pl. NE Sidewalk
(CNM - 0060)
PROJECT BUDGET REPORT**



FISCAL NOTE

CITY OF KIRKLAND

Source of Request							
Ray Steiger, Interim Public Works Director							
Description of Request							
Request for additional funding of \$23,000 from the Street Improvement Fund for the completion of the 100th Ave NE/99th PI NE Sidewalk Project.							
Legality/City Policy Basis							
Fiscal Impact							
One-time use of \$23,000 of the Street Improvement Fund balance. The fund 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
	Street Improvement Fund	994,576	0	0	23,000	971,576	994,576
Revenue/Exp Savings							
Other Source							
Other Information							

Prepared By	Sri Krishnan, Sr. Financial Analyst	Date	March 25, 2010
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