



CITY OF KIRKLAND
Department of Public Works
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www.kirklandwa.gov

MEMORANDUM

To: Kurt Triplett, City Manager
From: David Snider, P.E., Capital Projects Manager
Pam Bissonnette, Interim Public Works Director
Date: August 22, 2013
Subject: 100TH AVENUE NE BICYCLE LANES – AWARD CONTRACT

RECOMMENDATION:

It is recommended that City Council:

- award the construction contract for the 100th Avenue NE Bicycle Lanes Project to Road Construction Northwest, Inc. of Renton, WA, in the amount of \$190,470, and
- approve a budget increase of \$27,000 using REET 2 Reserves.

BACKGROUND DISCUSSION:

The 100th Avenue NE Bicycle Lanes Project (CNM 0069) will provide bicycle, pedestrian and traffic improvements on 100th Ave NE, between NE 124th Street and NE 132nd Street. The Project includes new bike lanes along the corridor with new Rapid Flashing Beacons (RFB) installed at two existing median island pedestrian crossings. The RFB's will replace the existing in-pavement lights that are out of service and no longer maintainable. To accommodate the addition of new bike lanes, the roadway pavement will be restriped with narrower vehicle travel lanes, together with the narrowing of the two existing landscaped median islands (Attachment A).



The Project's traffic improvements also include the removal and replacement of existing traffic detector loops at two signalized intersections in order to accommodate the new narrowed travel lane configuration; two median island street trees will also be replaced with new more suitable columnar trees in order to accommodate the narrower median islands.

The project will result in five 10-foot wide vehicle lanes with two 5-foot bike lanes. The volume on 100th Avenue NE is relatively high and the narrower lanes may result in drivers

slowing down, providing a "traffic calming" effect with the bicycle lane providing more of a buffer for pedestrians. Larger vehicles may take two lanes for short periods of time; 10-foot wide travel lanes have successfully been used in several places throughout the City, although, this 5 lane cross-section will be a first in Kirkland for the narrower lane widths. Staff research indicates that other cities have safely used 10-foot travel lanes in a 5 lane configuration.

The Project is currently funded by federal Surface Transportation Program (STP) funds (\$119,000) and City reserve funds (\$128,000); the Project's current total budget is \$247,000 (Attachment B). With an engineer's estimate of \$166,160 for construction, the Project was first advertised for contractor bids on July 10; on July 17, 2013, two contractor bids were received with Road Construction Northwest, Inc., being the lowest responsive bidder, as shown below:

CONTRACTOR	TOTAL BID
<i>Engineer's Estimate</i>	<i>\$166,160.00</i>
Road Construction Northwest, Inc.	\$190,470.00
Westwater Construction	\$212,530.00

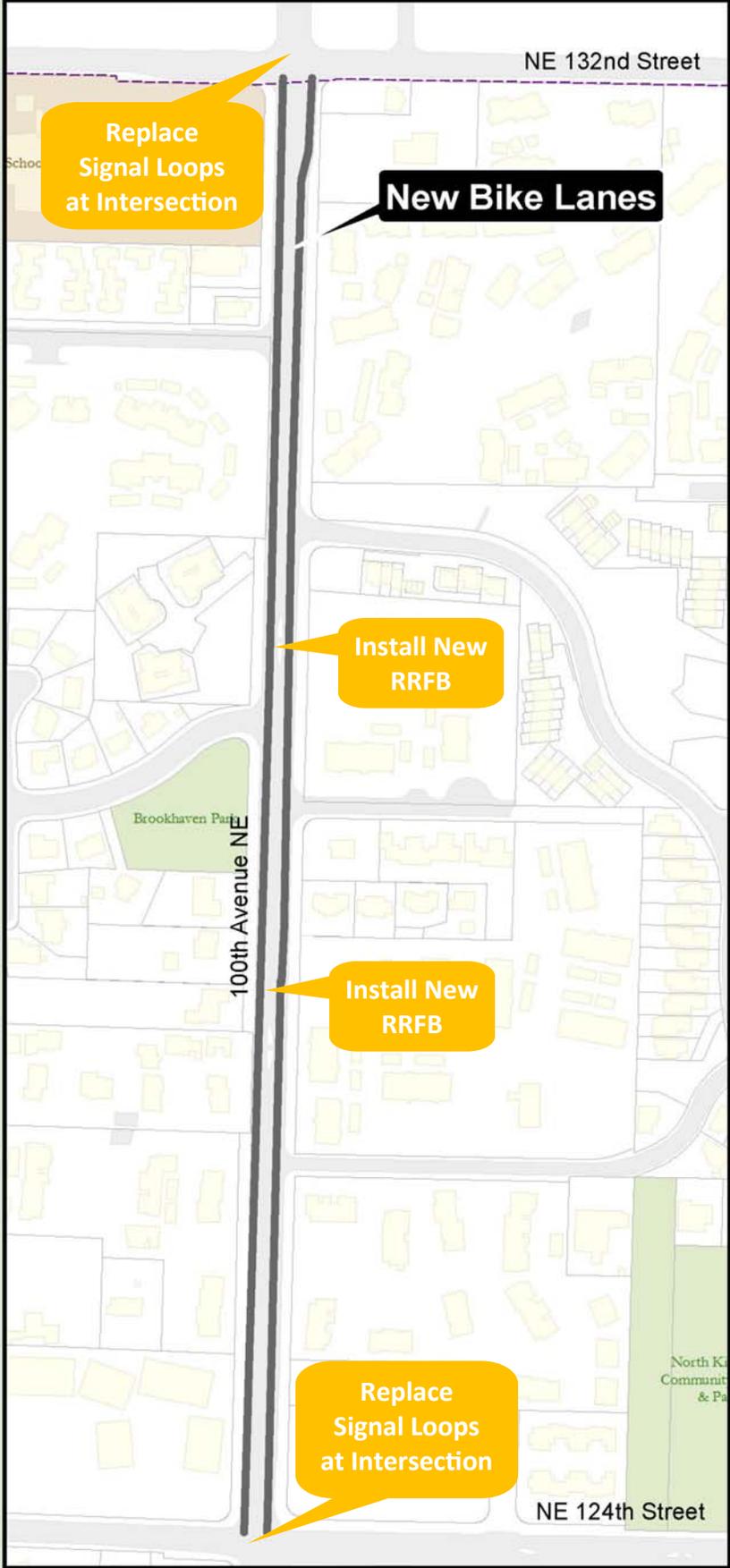
The lowest responsive bidder, Road Construction Northwest, Inc., has recently completed the City's NE 85th Street and 114th Avenue NE Intersection Improvement Project and the Lakeview Elementary Pedestrian Improvements Project and is well qualified to perform the work on the subject Project. With a current budget of \$247,000, and a recommendation to maintain a 10% total construction contingency, a budget increase of \$27,000 is needed for a proposed revised total project budget of \$274,000 (Attachments B and C).

With an award of the contract by City Council at their September 3 meeting, construction would start in late September and be completed by November 2013. In advance of construction, Public Works staff will send a construction informational mailer to nearby residents providing Project timelines and pertinent contact information. Since the Project includes construction through an arterial corridor with pedestrian connections, the Project documents require the contractor to maintain safe travel for pedestrians throughout the work areas at all times.

To date, the Public Outreach efforts have included regular Project updates on the City's Website. The Project's direct mailer to nearby residents and businesses, with scope, schedule and contact information, will be sent once a physical start date is established with the contractor.

Attachment A: Vicinity Map
Attachment B: Project Budget Report
Attachment C: Fiscal Note

100th Avenue NE Bike Lanes

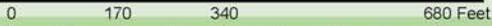


Legend

- Building Footprint
- Park
- School
- Tax Parcels

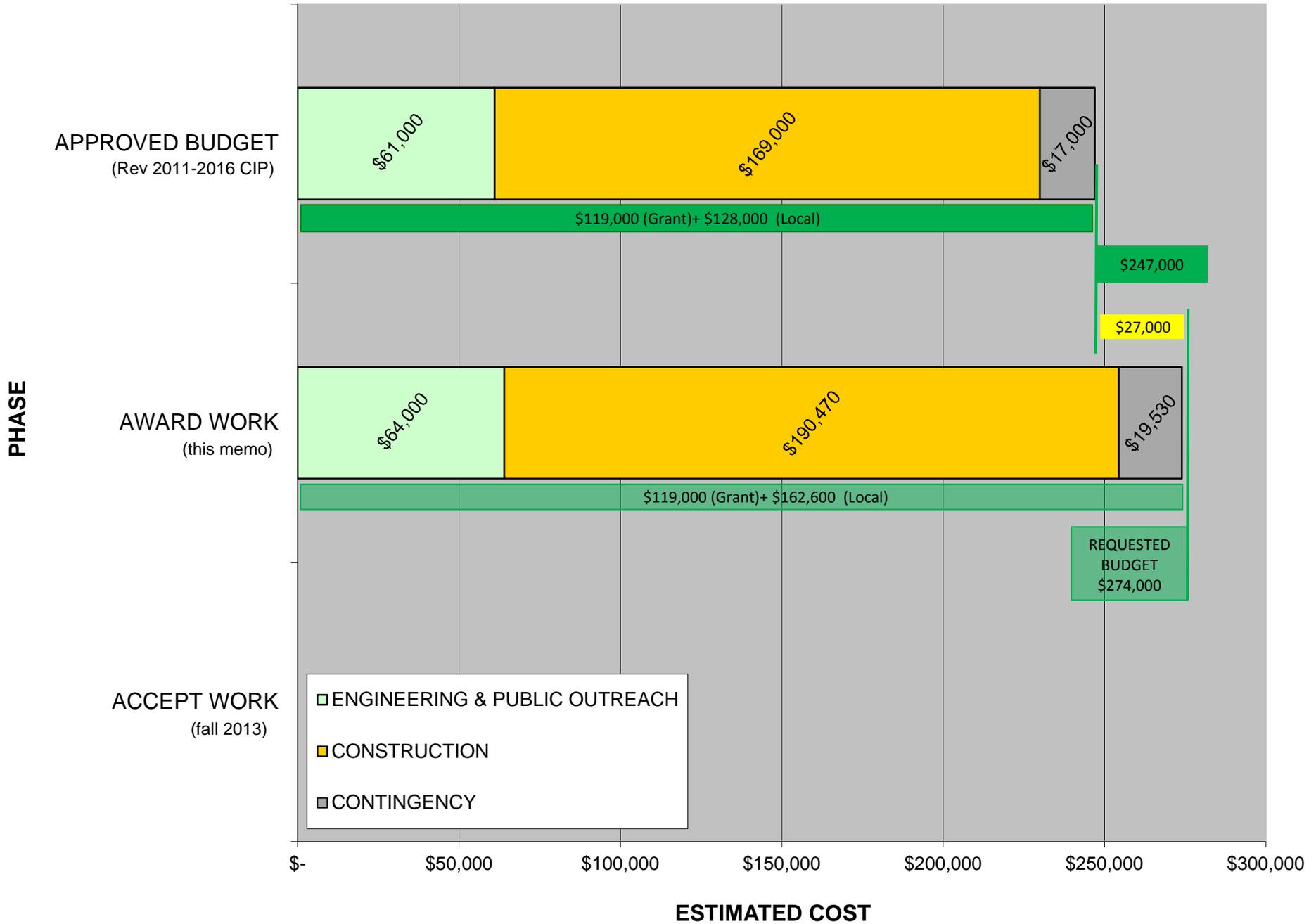


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**100th Ave Bike Lanes
(CNM-0069)
Project Budget Report**

Attachment B



FISCAL NOTE

CITY OF KIRKLAND

Source of Request							
Pam Bissonnette, Interim Public Works Director							
Description of Request							
Request for funding of \$27,000 from the REET 2 Reserve for the 100th Avenue NE Bicycle Lanes Project CNM 0069 due to construction costs higher than engineering estimate per award of bid memo.							
Legality/City Policy Basis							
Fiscal Impact							
One-time use of \$27,000 from REET 2 Reserve. This reserve is able to fully fund this request.							
Recommended Funding Source(s)							
Reserve	Description	2014 Est End Balance	Prior Auth. 2013-14 Uses	Prior Auth. 2013-14 Additions	Amount Request	Revised 2014 End Balance	2014 Target
	REET 2 Reserve	2,294,806	304,715		27,000	1,963,091	1,071,000
	Prior Authorized Use of REET 2 Reserve: NE 112th Street Sidewalk (\$214,000), Central Way Sidewalk (\$50,000), 6th Street Sidewalk (\$3,045), and 98th Avenue Bridge (\$15,000). Council is also considering additional funding of \$3,670 for the Lakeview School Walkroute project and \$19,000 for the Peter Kirk Elementary Sidewalk; the reserve balance assumes approval of these requests.						
Revenue/Exp Savings							
Other Source							
Other Information							
Prepared By	Neil Kruse, Senior Financial Analyst				Date	August 14, 2013	