



CITY OF KIRKLAND
Department of Public Works
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MEMORANDUM

To: Kurt Triplett, City Manager

From: David Snider, P.E., Capital Projects Manager
Pam Bissonnette, Interim Public Works Director

Date: June 20, 2013

Subject: 2013 Crosswalk Upgrade Project – Award Contract

RECOMMENDATION:

It is recommended that City Council awards the construction contract for installation of new Rectangular Rapid Flashing Beacon (RRFB) crosswalks near Emerson High School, and between John Muir Elementary and Kamiakin Middle School, to Westwater Construction, of Black Diamond, WA, in the amount of \$61,350.00.

BACKGROUND DISCUSSION:

Included in the City’s Capital Improvement Program is a biennial Crosswalk Upgrade Project for maintaining and improving crosswalks throughout the City. The specific work for the current 2013 Project consists of installing specialty signage and pedestrian crosswalk lights, which Kirkland staff have simplified to Rapid Flashing Beacons (RFBs), at two locations: on 108th Ave NE at NE 53rd Street, near Emerson High School (formerly Best), and 132nd Ave NE, between John Muir Elementary and Kamiakin Middle School (Attachment A).



RFBs are user-activated flashing amber lights that supplement pedestrian warning signs at un-signalized intersections and mid-block crosswalks. The devices enhance driver awareness of the presence of pedestrians wishing to cross the street. Other work elements associated with the installation of the RFBs include: the construction of new ADA (Americans with Disabilities) wheel chair ramps and new pavement crosswalk markings.

With an engineer’s estimate of \$59,500, staff advertised for contractor bids through the City’s Shared Procurement Portal as a Small Public Works Roster project; a total of two bids

were received with the lowest responsive bid received from Westwater Construction, as follows:

Contractor	Emerson High School	John Muir / Kamiakin	Total (Award)
<i>Engineer's Estimate</i>	<i>\$14,500</i>	<i>\$45,000</i>	\$59,500
Westwater Construction	<i>\$12,000</i>	\$49,350	\$61,350
Trinity Construction	<i>\$ 48,000</i>	\$ 57,900	\$105,900

The Project's overall funding of \$101,213 is made up of \$70,000 in City base CIP funding, with an additional \$31,213 received as a "developer" contribution for improvements made at Emerson High School by the Lake Washington School District (Attachment B). These two crosswalks and RFB's are in addition to the Council's 2013 levy-funded Crosswalk Initiative. There are no Proposition 1 Levy funds allocated to these two projects. Levy funds have already been allocated to other crosswalk and sidewalk projects for 2013-14. The individual cost at each of these locations will include the installation contract price (this memo) plus the cost of the equipment, together with the design, contract administration and other soft costs.

As shown above, the cost of the Emerson High location is significantly less than the Muir/Kamiakin location. The reason is because 108th Avenue NE is on the schedule to receive an asphalt overlay this summer and the existing sidewalk ramps at the Emerson High location were on the work plan to receive extensive ADA upgrades, including new striping, as a part of the 2013 Overlay Project; that new ADA ramp work is now complete and the striping will be completed after the new overlay work.

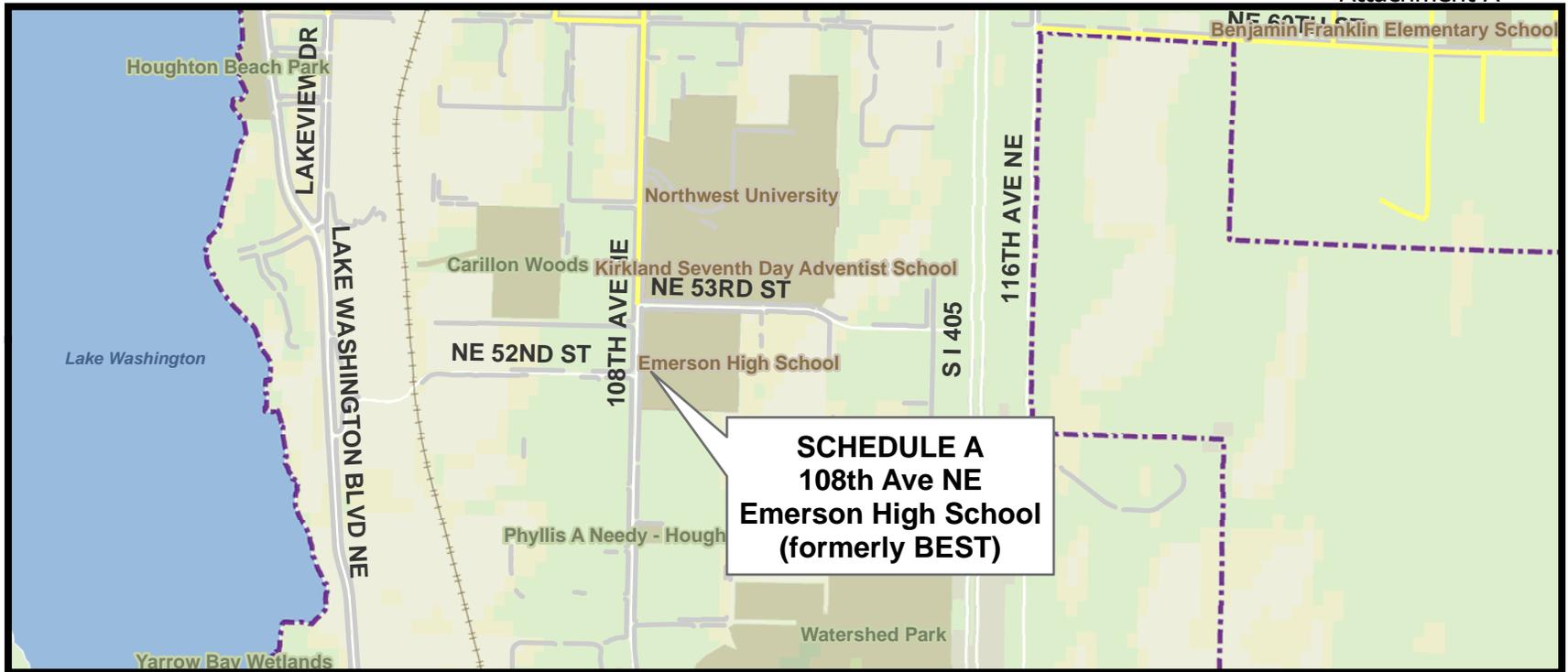
In order to accelerate the overall Project schedule as needed to meet a construction completion ahead of the new school year in the fall, staff will procure the RFB equipment through the State Purchasing Contract for a total equipment cost of \$15,705 (Attachment B). When combined with the low bid and all other costs, a preferred 10% amount of a construction contingency can be reduced to an amount closer to 6.8% in order to award the contract while maintaining the overall Project budget. Staff believes that this lesser contingency amount is adequate for the type of construction and for this Project.

With an award of the construction contract by City Council at their July 2 meeting, work will begin later in the month and be complete by September, 1, 2013, before the new school year begins. In advance of construction, Public Works staff will consult with the schools and notify adjacent property owners and businesses. This information, along with a regularly updated construction schedule, will also be posted on the City's web site and, since the Project includes sidewalk and ADA ramp reconstruction, staff will ensure the contractor maintains safe travel for pedestrians throughout the work areas at all times.

Attachment A: Vicinity map
Attachment B: Project Budget Report

**2013
Crosswalk
Upgrade
Program**

CNM-1312



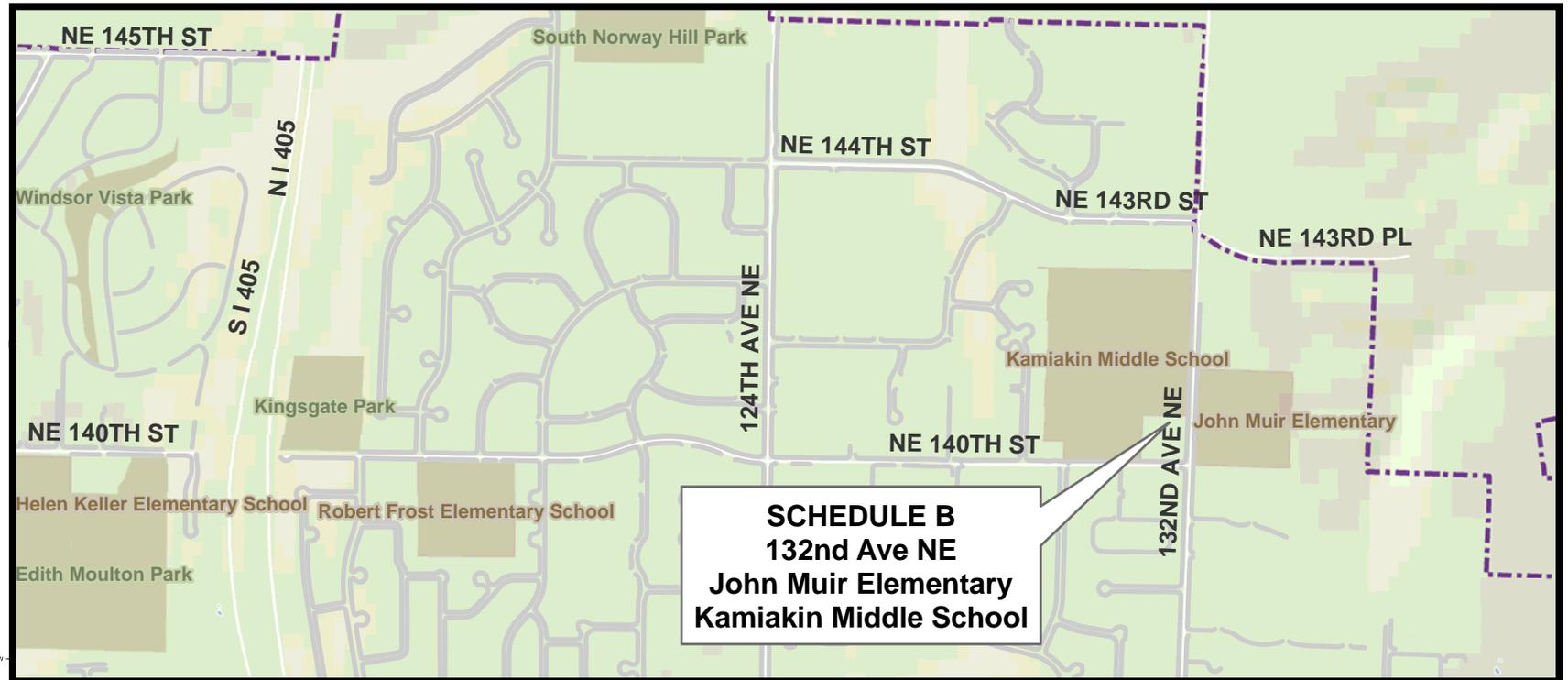
LEGEND

- Sidewalks
- Parks
- Schools
- Streets



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**2013 Crosswalk Upgrade Program
(CNM-1312)**

Attachment B

Project Budget Report

