



CITY OF KIRKLAND
Department of Public Works
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MEMORANDUM

To: Kurt Triplett, City Manager

From: Patrick Herbig, P.E., Project Engineer
Dave Snider, P.E., Capital Projects Manager
Kathy Brown, Public Works Director

Date: July 23, 2015

Subject: NE 124th STREET & WILLOWS ROAD NE SIGNAL REBUILD PROJECT
AWARD CONTRACT

RECOMMENDATION:

Staff recommends that the City Council award the construction contract for the NE 124th Street & Willows Road NE Signal Rebuild Project to West Coast Signal, Inc., of Renton, WA, in the amount of \$128,248.00.

By taking action on this memo during approval of the consent calendar, City Council is authorizing the award of a construction contract for the subject Project.

BACKGROUND DISCUSSION:

In August, 2014, a large commercial truck was heading east on NE 124th Street and made a right turn onto Willows Road NE. The driver made the turn too sharply and caused significant damage to a City owned street light and signal pole. In order to get the intersection fully operational, City signal maintenance technicians worked with a local electrical contractor to erect a temporary wood pole and re-wire the signal heads onto an aerial cable spanning the intersection. This temporary installation has been in operation since immediately following the incident.

Because of the significant nature of the damage, there was a cascading effect with respect to the replacement of the pole, certain traffic signal controller components and associated appurtenances. In this case, the impact to a single leg of the intersection has resulted in the need to replace a total of eight Accessible Pedestrian Signal (APS) push buttons at the intersection. The City of Kirkland's APS Policy requires the upgrade of all four corners of the intersection when there is an "alteration, an installation or replacement of any pole to which a pedestrian push button is attached..." Due to the policy requirements, the new upgraded APS buttons also led to a need for a new APS button controller in the signal cabinet.

The City retained the transportation engineering firm, Transpo Group USA, Inc., Kirkland, WA, to perform engineering design and to provide documents necessary for project construction. In addition to the APS requirements, the other necessary signal improvements include a new traffic signal pole and mast arm, a new pole foundation, and all associated mounting devices and other related hardware features.

On June 1, 2015, the final design was completed and the process to procure a contractor to build the project was started. With an engineer's estimate of \$127,000 for construction, the Project was first advertised on June 11. On June 25, 2015, two bids were received, as follows:

Contractor	Total of All Schedules
<i>Engineer's Estimate</i>	<i>\$127,000</i>
West Coast Signal, Inc.	\$128,248
Transportation Systems	\$129,254

Since the time of the original incident, staff has been in regular contact with the Insurance Company, Great West Casualty Company, South Sioux City, NE, providing timely progress updates on the temporary repairs made, as well as for the design process for the pole and APS replacement.

On July 15, 2015, a pre-notice of staff's recommendation for City Council to award a construction contract, together with an update for project expenses, was sent to the claims adjuster for Great West Casualty Company (Great West). The notice was sent for concurrence before proceeding with this recommendation for award. The letter stated that that the final costs may be more or less than the following estimated costs.

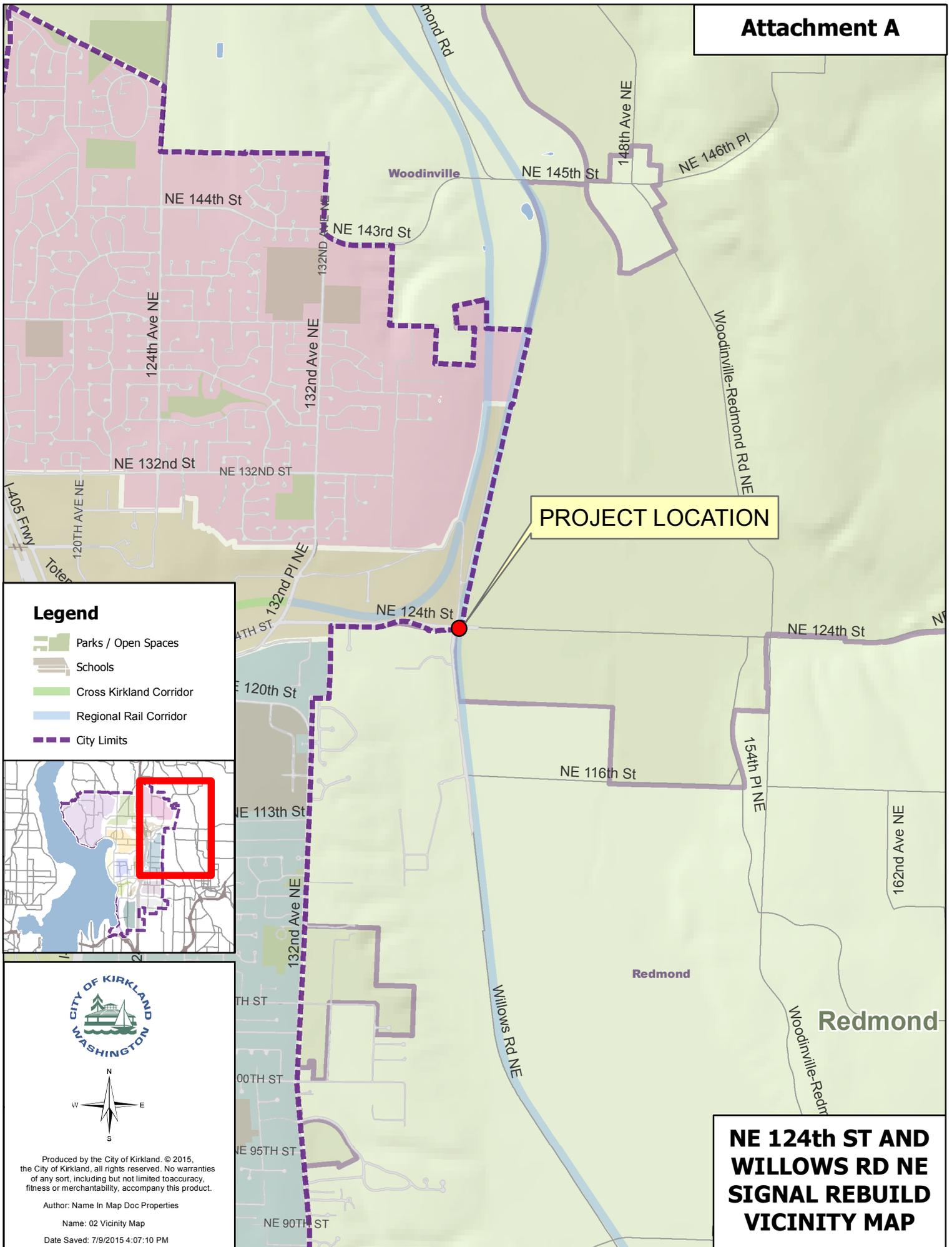
Clean-Up & Temporary Pole	\$ 11,196
Engineering & Inspection:	\$ 49,794
Construction:	\$128,248
Construction Contingency (10%):	\$ 12,825
In-House/Admin:	\$ 10,937
Sub-total:	\$213,000

Although there has been ongoing communication with Great West over the course of nearly a year, the City does not yet have full and final agreement with Great West on cost reimbursement to the City. The insurance company representative has acknowledged receipt of the information, and has requested additional details. The insurance adjuster has indicated he will be respond to the City's notice by Monday, July 27th, with his company's concurrence – or disagreement – with the City's notice of costs for which Great West will be responsible.

To date, the on-going expenses for this Project have been paid for using Street Maintenance Funds and staff recommends the use of this same funding source to pay the future costs awaiting reimbursement from Great West. With a City Council award of the construction contract at the August 3 meeting, the work will start near the beginning of September and be substantially complete by late-October 2015.

Although the City does not have full and final agreement with Great West on full-cost reimbursement, staff recommends moving forward with this approval. The temporary fix has been in place for nearly a year, and, regardless of final settlement on costs, the temporary situation is not an acceptable permanent repair.

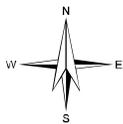
Attachment A – Vicinity Map



PROJECT LOCATION

Legend

- Parks / Open Spaces
- Schools
- Cross Kirkland Corridor
- Regional Rail Corridor
- City Limits



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Author: Name In Map Doc Properties

Name: 02 Vicinity Map

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**NE 124th ST AND
WILLOWS RD NE
SIGNAL REBUILD
VICINITY MAP**