



CITY OF KIRKLAND
Department of Public Works
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MEMORANDUM

To: Kurt Triplett, City Manager

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

Date: January 9, 2014

Subject: NE 120th Street Extension Project – Award Contract

RECOMMENDATION:

It is recommended that City Council awards the construction contract for the NE 120th Street Extension Project (Project) to Sanders General Construction of Auburn, WA, in the amount of \$2,571,555.02.

BACKGROUND DISCUSSION:

The Kirkland Comprehensive Plan (KCP), Chapter II, contains a number of basic "Framework Goals" that express the fundamental principles for guiding growth and development in the city over a 20-year horizon. As an all new public roadway along NE 120th Street, between 124th Avenue NE and Slater Avenue NE (Attachment A), the subject Project is consistent with the following KCP Framework Goals: *FG-9: Provide safety and accessibility for those who use alternative modes of transportation within and between neighborhoods, public spaces, and business districts and to regional facilities; FG-10: Create a transportation system which allows the mobility of people and goods by providing a variety of transportation options; FG-13: Maintain existing adopted levels of service for important public facilities; and FG-14: Plan for a fair share of regional growth, consistent with State and regional goals to minimize low-density sprawl and direct growth to urban areas.*

This is the first time in at least 20 years in which the City has built a completely new street. As a new roadway in recently acquired right-of-way, the Project has been designed for multi-modal mobility and congestion mitigation, together with improved emergency vehicle access in the Totem Lake Urban Center. The improvements include a three-lane roadway section with bicycle lanes and new concrete curbs, gutters and sidewalks. The Project also includes a new Intelligent Transportation System (ITS equipped) signal at 124th Avenue NE, ITS signal upgrades at Slater Avenue NE, new street lighting, and surface water quality enhancements to treat run-off before it enters Totem Lake. In order to provide for future fiber connectivity, staff has also been in contact with various communications providers to insure that all fiber opportunities are realized along the new corridor; regular future meetings with these providers is planned to take place through the construction phase.

The Project is also eligible for Greenroads™ Certification as a result of its collection of sustainability best practices that relate to roadway design and construction. The goal of the Greenroads™ Certification program is to reduce impacts on the environment and improve life-cycle costs by incorporating numerous Greenroads™ Certification elements, including a life cycle cost analysis, use of recycled materials, low impact design (LID) surface water control design, the incorporation of intelligent transportation systems, improved access for multimodal users, and the use of warm mix asphalt pavement technologies.

The approved Project budget of \$6,509,100 includes funding for engineering, property acquisition, construction and a construction contingency. The funding sources are comprised of a \$2,502,640 Federal Surface Transportation Program (STP) grant, an \$800,000 Transportation Improvement Board Urban Arterial Program (TIB UAP) grant, \$2,322,660 in City general government funds, and \$883,800

in City surface water utility funds (See Attachment B for a detailed breakdown of budgeted cost estimates).

At their meeting of November 19 City Council received a project update, adjusted the budget, and authorized staff to advertise for contractor bids. The Project was first advertised using federally approved Supplemental Bidder Criteria on November 20 and on December 11, 2013, thirteen contractor bids were received with Sanders General Construction being the lowest responsive bidder, as shown below:

CONTRACTOR	TOTAL BID
Sanders General Construction	\$2,571,555.02
SCI Infrastructure, LLC	\$2,583,266.43
Tri-State Construction	\$2,588,037.65
Trimaxx Construction	\$2,596,809.55
Rodarte Construction, Inc.	\$2,648,756.43
Marshbank Construction	\$2,755,738.20
Kamins Construction	\$2,818,505.03
<i>Engineer's Estimate</i>	<i>\$2,873,000.00</i>
Road Construction Northwest	\$2,910,729.74
3 Kings Environmental, Inc.	\$2,940,076.87
Johansen Excavating	\$2,962,049.07
R.W. Scott Construction Co.	\$3,007,475.90
SRV Construction	\$3,098,392.18
Westwater Construction Co.	\$3,272,900.25

The low bid is approximately 12% less than the engineer's estimate. However, due to the Project's overall size and proximity to well-established Totem Lake businesses, together with the added level of documentation required for federally funded projects, staff recommends maintaining the current project funding level, as approved last month in the Amended 2013-2018 CIP (Attachment B). In doing so the highest level of construction management expertise will be retained and the overall Project Contingency will be closer to 12% (instead of a normal 10%). Staff is currently finalizing the scope and fee for inspection services with one of the area's best qualified construction management firms that has a proven track record on past City projects.

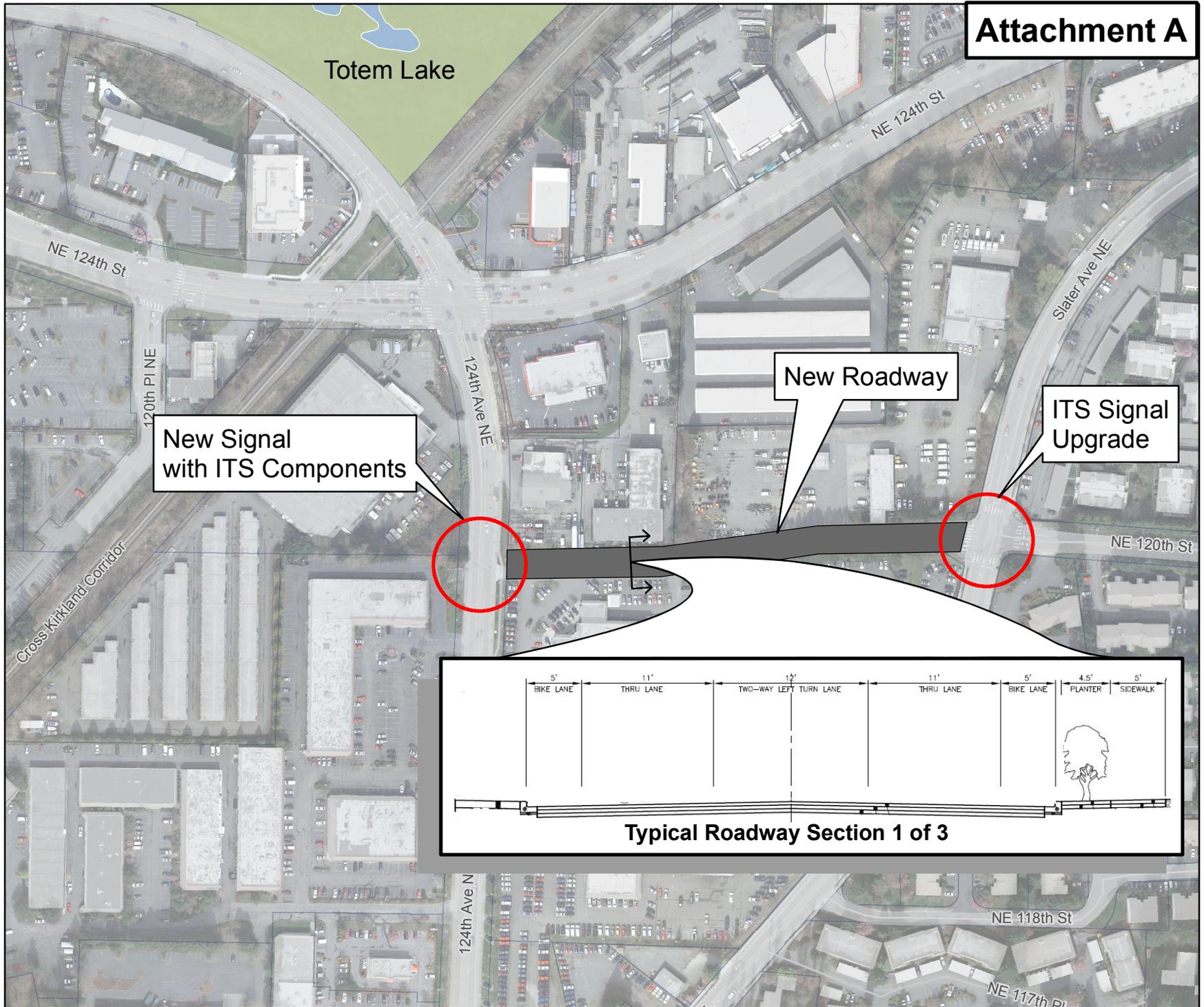
The Project has been discussed at the 2010 and 2012 Totem Lake Symposiums. It has also been presented to the Kirkland Alliance of Neighborhoods and has been included in regular Totem Lake Conversation meetings with interested area business owners, as well as being part of regular updates to the City's *Totem Lake "On-Track" Bulletin*. Prior to the start of construction, Public Works staff will send a construction informational mailer to nearby residents and businesses providing timelines and pertinent contact information. In addition, staff will continue to work closely with adjacent business owners to keep them informed of the construction schedule and impacts.

All property acquisition has been completed and an award of the contract by City Council at their January 21 meeting results in a construction start in mid to late-February; the anticipated completion is October, 2014.

Attachment A: NE 120th Vicinity Map
Attachment B: NE 120th Street Project Budget Report



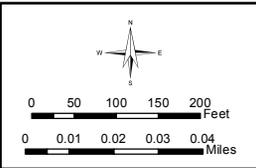
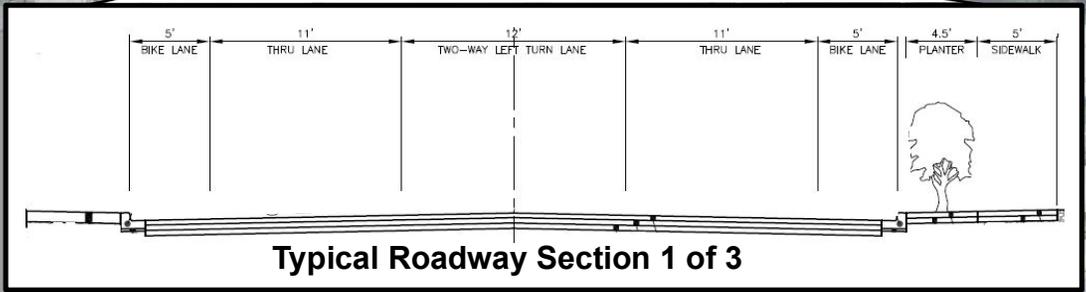
Area Map



New Signal with ITS Components

New Roadway

ITS Signal Upgrade

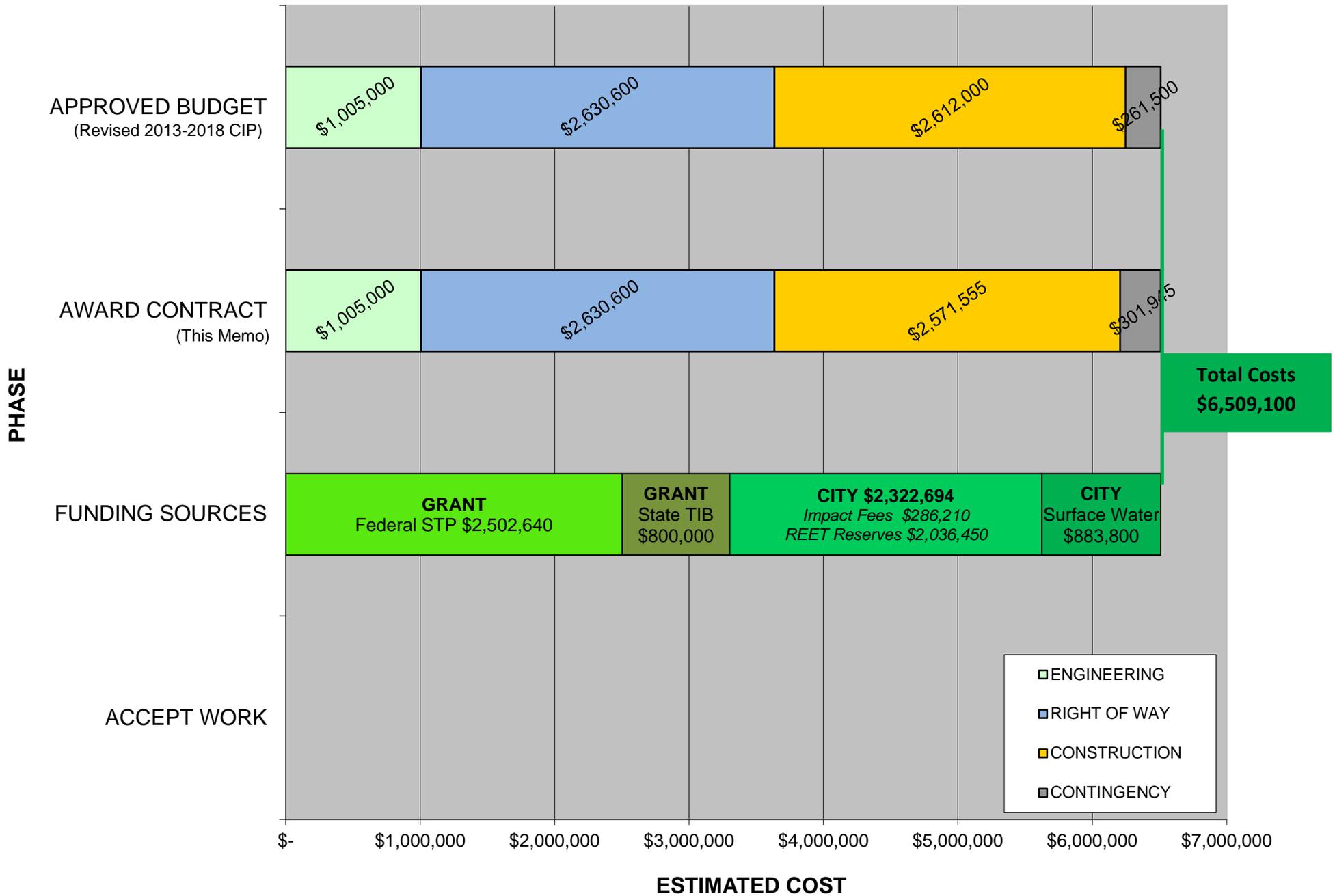


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Project Budget Report

NE 120th Street Roadway Extension (CIP # CST 0057)

Attachment B



- ENGINEERING
- RIGHT OF WAY
- CONSTRUCTION
- CONTINGENCY