



CITY OF KIRKLAND

Department of Public Works

123 Fifth Avenue, Kirkland, WA 98033 425.587.3800

www.kirklandwa.gov

MEMORANDUM

To: Kurt Triplett, City Manager
From: David Snider, P.E., Interim Capital Projects Manager
Ray Steiger, P.E., Public Works Director
Date: November 3, 2011
Subject: NE 85TH STREET VIDEO DETECTION – ACCEPT WORK

RECOMMENDATION:

It is recommended that City Council accept the NE 85th Street Video Detection Project, as constructed by Valley Electric, Everett, WA, and establish the statutory lien period.

BACKGROUND DISCUSSION:

The NE 85th Street Video Detection Project is included within the NE 85th Street Corridor Improvements, which combines several capital projects to provide enhancements along the NE 85th Street Corridor, between 114th and 132nd Avenues NE (Attachment A).

The individual improvements along the corridor include the undergrounding of a significant portion of the overhead utilities, providing continuous sidewalks and pedestrian improvements on both sides of NE 85th Street, continuous sidewalks on both sides of 124th Avenue, between NE 80th Street and NE 90th Street, multiple traffic signal upgrades at key intersections (including the on-going work at NE 85th Street and 114th Avenue NE), storm water quality improvements and public art.

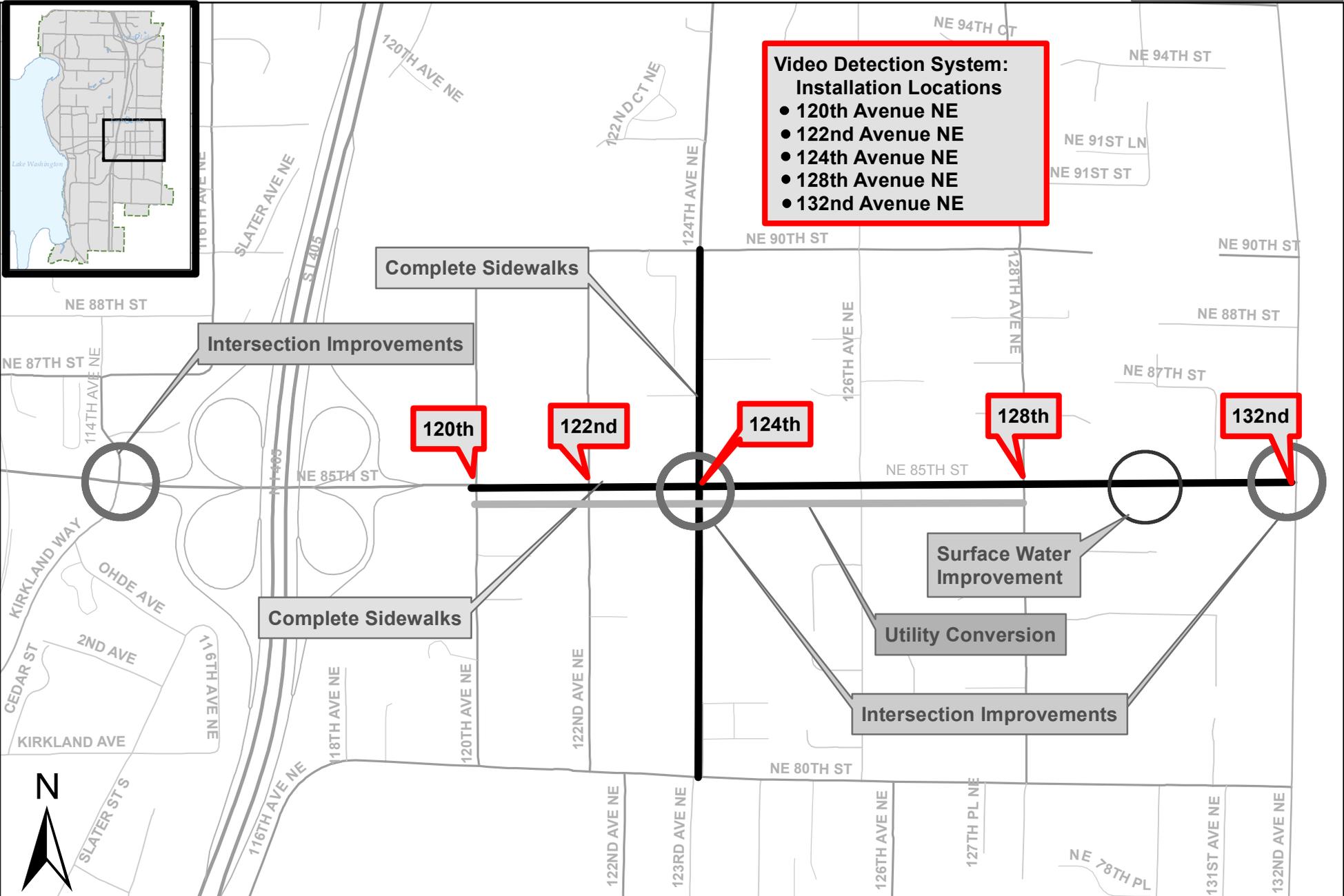
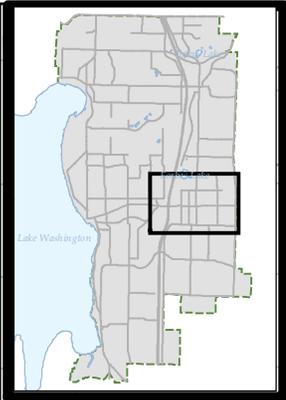
As a first order of work for the future Corridor Improvements, the Video Detection Project replaced existing in-pavement traffic signal detection with pole mounted video camera detection equipment to help maintain traffic flow levels throughout the corridor during construction. The next order of work, the NE 85th Street Underground Conversion Project, is now being advertised for contractor bids as authorized by City Council at their October 18, 2011 meeting.

At their regular meeting of August 2, 2011, City Council awarded the Video Detection construction contract to Valley Electric in the amount of \$36,389. Construction began on September 8, 2011, and was completed on October 12, 2011; the total amount paid to the contractor was \$34,053.77 (Attachment B). The approximate \$2,300 in remaining funds will remain with the NE 85th Street Corridor Improvements.



*Typical Video Detection
(northbound 120th Ave NE)*

Attachment: (2)



**Video Detection System:
Installation Locations**

- 120th Avenue NE
- 122nd Avenue NE
- 124th Avenue NE
- 128th Avenue NE
- 132nd Avenue NE

120th

122nd

124th

128th

132nd

Complete Sidewalks

Intersection Improvements

Complete Sidewalks

Surface Water Improvement

Utility Conversion

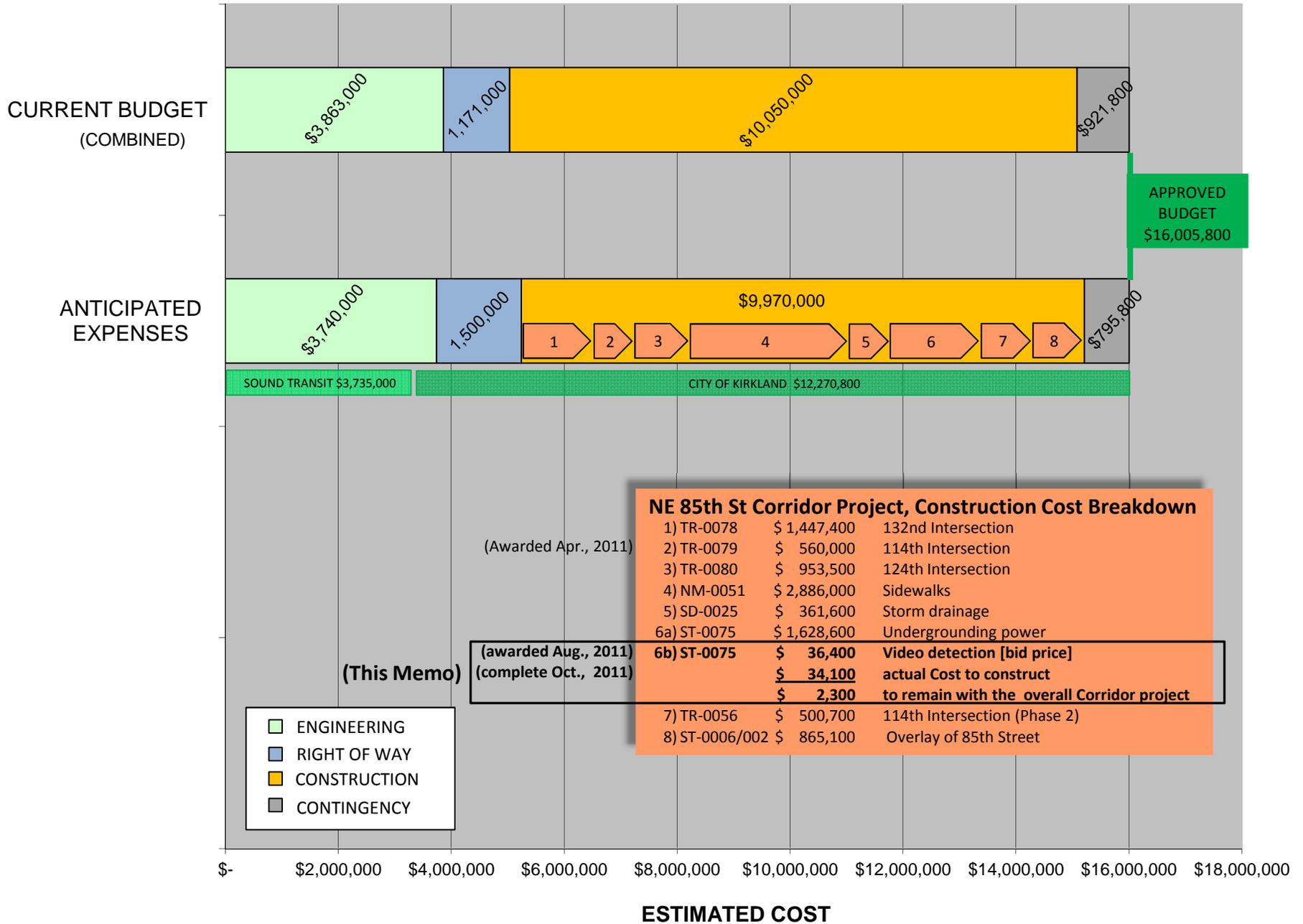
Intersection Improvements



Vicinity Map
NE 85th Street Corridor Improvements
Video Detection Project

NE 85th STREET CORRIDOR IMPROVEMENTS

PROJECT BUDGET REPORT



NE 85th St Corridor Project, Construction Cost Breakdown

1) TR-0078	\$ 1,447,400	132nd Intersection
2) TR-0079	\$ 560,000	114th Intersection
3) TR-0080	\$ 953,500	124th Intersection
4) NM-0051	\$ 2,886,000	Sidewalks
5) SD-0025	\$ 361,600	Storm drainage
6a) ST-0075	\$ 1,628,600	Undergrounding power
6b) ST-0075	\$ 36,400	Video detection [bid price]
	\$ 34,100	actual Cost to construct
	\$ 2,300	to remain with the overall Corridor project
7) TR-0056	\$ 500,700	114th Intersection (Phase 2)
8) ST-0006/002	\$ 865,100	Overlay of 85th Street

(Awarded Apr., 2011)

(This Memo)

(awarded Aug., 2011)
(complete Oct., 2011)

Attachment B