



## CITY OF KIRKLAND

### Department of Public Works

123 Fifth Avenue, Kirkland, WA 98033 425.587.3000

[www.ci.kirkland.wa.us](http://www.ci.kirkland.wa.us)

## MEMORANDUM

**To:** David Ramsay, City Manager

**From:** Daryl Grigsby, Public Works Director  
Ray Steiger, P.E., Capital Projects Manager

**Date:** June 19, 2008

**Subject:** NE 124<sup>th</sup> Street/124<sup>th</sup> Avenue NE Intersection (Phase 1) and Water Quality Improvements  
AWARD CONTRACT

### RECOMMENDATION:

It is recommended that the City Council award the contract for construction of the NE 124<sup>th</sup> Street/124<sup>th</sup> Avenue NE Intersection and Water Quality Improvements Project (124/124 Improvements) to Johansen Excavating, Inc. of Buckley, Washington in the amount of \$1,297,747.70.

### BACKGROUND DISCUSSION:

The scope of work for the 124/124 Improvements is outlined in two separate CIP projects; the intersection and water quality projects. The intersection improvements include Right-of-Way (ROW) acquisition and construction of additional north bound (NB) and south bound (SB) traffic lanes on the south half of the intersection. The water quality project will provide for surface water quality improvements upstream of Totem Lake. Coincident construction of the projects will minimize impacts to motorists and businesses in the surrounding area. Concurrency for the intersection will be met upon completion of future CIP project; the NE 124<sup>th</sup> Street/124<sup>th</sup> Avenue NE Intersection (Phase III). The Phase III project will provide for the construction of improvements on the north half of the intersection; an addition SB left-turn lane and conversion of the SB right-turn-only lane to a SB through-right lane. No east bound (EB) or west bound (WB) lanes are required for concurrency.

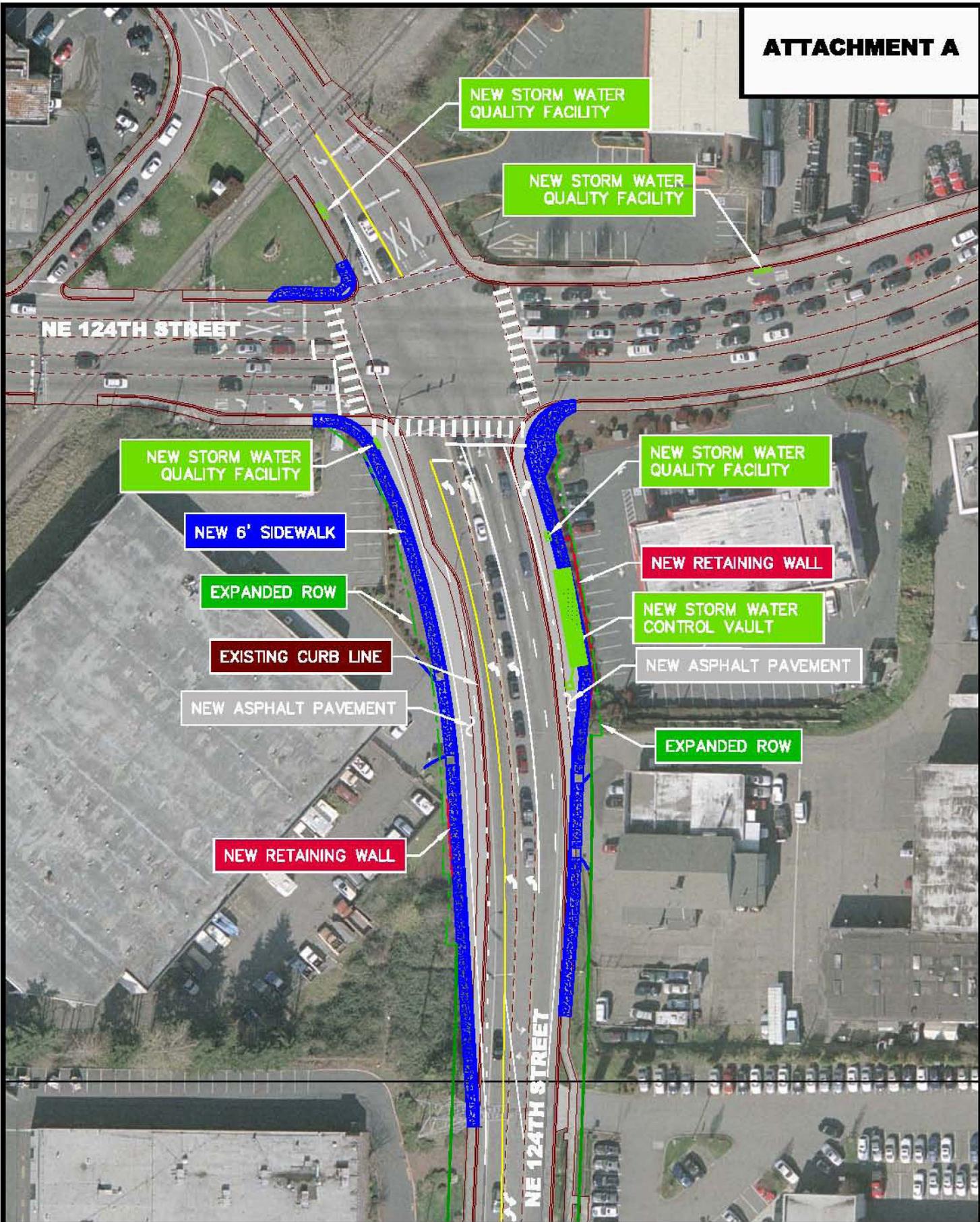
Specific work on the south half of the intersection (this project) will create three new vehicular lanes, bike lanes, curb, gutter, sidewalk, ADA curb ramps, retaining walls, channelization and crosswalk markings, and the installation of a permanent video traffic detection system on four new signal poles at all legs of the intersection. Minor curb line and channelization modifications will be necessary on the north part of the intersection. With the addition of new vehicular lanes, the resultant channelization will be two NB left turn lanes, two NB through lanes, one NB right turn lane, and two SB through lanes. The project will add a storm water flow control vault and treatment facilities; the surface water improvements will provide for all intersection improvements through project Phase III (Attachment A).

The first advertisement was published on May 21, 2008, and bids were opened and read publicly on June 11, 2008. Four (4) bids were received and tabulated with Johansen Excavating being the lowest bidder submitting a total construction price of \$1,297,747.70, which is \$455,606.88 below the engineer's estimate of \$1,753,354.58. Reference checks were complete and staff is recommending award to Johansen Excavating, Inc. (Attachment B).

Total funding required to complete the construction contract is \$1,482,525; comprised of \$1,297,750 for construction, \$55,000 for professional services, and a \$129,775 contingency. The approved project budget is \$3,698,400; an amount that anticipated an expense of approximately \$2,000,000 for design and construction of BNSF railroad crossing improvements. Staff anticipates all rail traffic through the intersection to end prior to construction of project Phase III. (Attachment C). The 124/124 Improvements support the trending rise in intersection project costs; however, a more clear picture will be available after bid openings for 3<sup>rd</sup> & Kirkland (2008) and 68<sup>th</sup>/108<sup>th</sup> (2009) (Attachment D).

With Council approval, construction is anticipated to begin in August with substantial completion expected in October.

Attachments: (4)

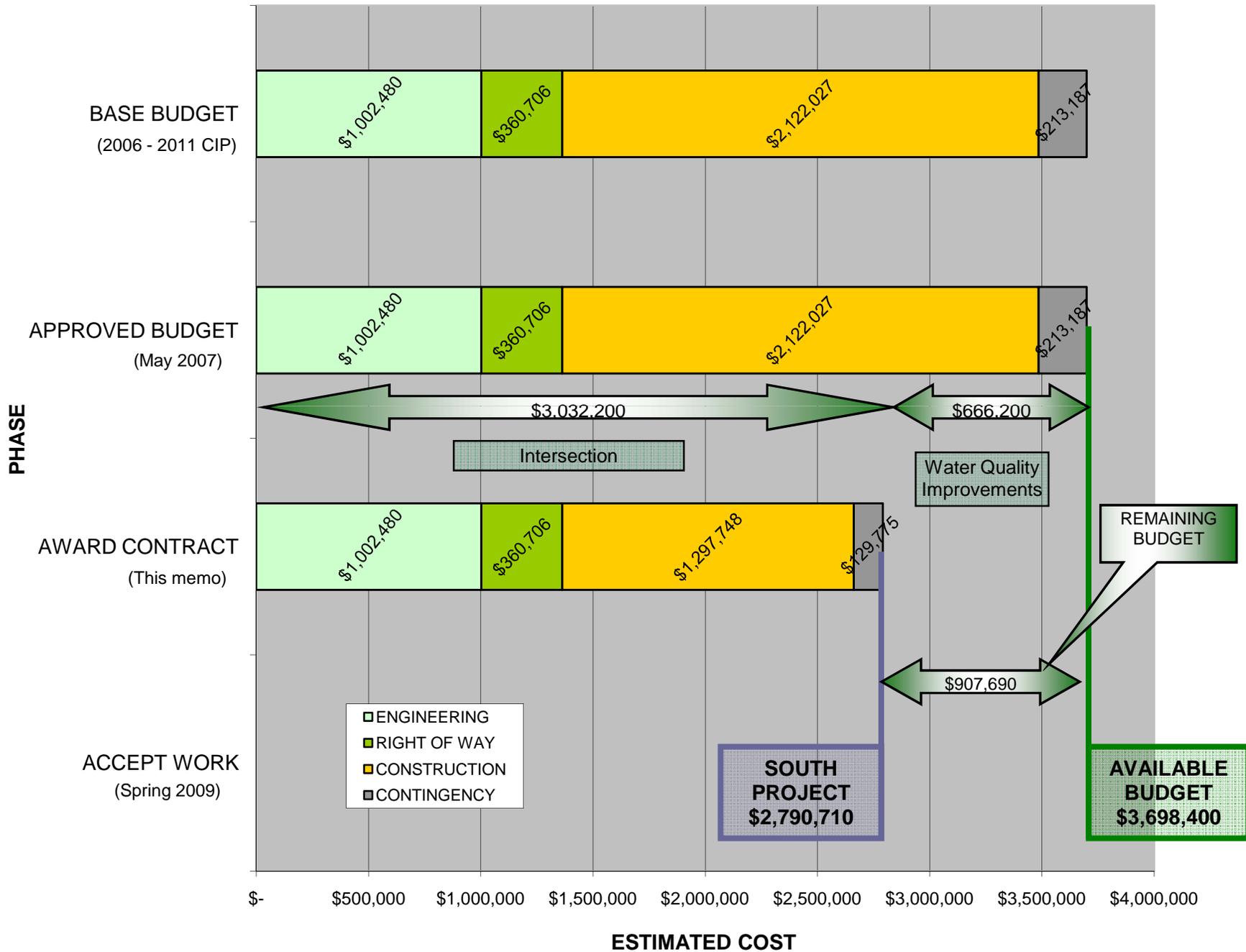


**NE 124TH STREET/124TH AVENUE NE  
INTERSECTION AND WATER QUALITY IMPROVEMENTS**

**BID TABULATION****NE 124<sup>TH</sup> STREET / 124<sup>TH</sup> AVENUE NE INTERSECTION (PHASE 1) AND WATER QUALITY IMPROVEMENTS**

<b>Contractor</b>	<b>Total Bid</b>
Johansen Excavating	1,297,747.70
Construct Co	1,359,124.53
Westwater Construction	1,492,276.00
Archer Construction	1,551,214.00
<i>Engineer's Est</i>	<i>1,753,354.58</i>
Average	1,425,090.56

# NE 124 STREET / 124 AVENUE NE INTERSECTION AND WATER QUALITY IMPROVEMENTS PROJECT BUDGET REPORT



### Historical cost of intersection improvements

