



## **CITY OF KIRKLAND**

### **Department of Public Works**

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

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## **MEMORANDUM**

**To:** David Ramsay, City Manager

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

**Date:** May 8, 2008

**Subject:** 2008 STREET PRESERVATION PROJECT – AWARD CONTRACT

### RECOMMENDATION:

It is recommended that the City Council award the contract for the 2008 Street Preservation Project to Watson Asphalt Paving Co. of Redmond, Washington in the amount of \$1,960,709.50

### BACKGROUND DISCUSSION:

The annual Street Preservation Project maintains and rehabilitates the City's street network through subgrade repair, grinding, and the application of a new surface layer of asphalt applied to selected streets. The work also includes installation of new curb ramps, as required by the Americans with Disabilities Act, and replaces adjacent broken curb and sidewalk panels.

The 2008 Street Preservation Project will resurface approximately seven lane miles of roadway in five neighborhoods throughout the City (Attachment A). The Project has a CIP budget of \$1.8 million. In addition, approximately \$280,000 of remaining funds from the 2007 Street Preservation Program, \$186,000 from the Annual Replacement of Aging/Failing Storm Water Infrastructure program, as described below, and \$32,000 from the 2007 Emergency Sewer Program are included in the program resulting in an overall project budget of \$2,298,454 (Attachment B).

Beginning in 2007, City Council established an Annual Replacement of Aging/Failing Infrastructure project to perform regular replacement of aging and/or failing Surface Water Utility infrastructure. A portion of the annual replacement of aging/failing infrastructure funding is being utilized in the 2008 street preservation project to repair failing storm water infrastructure in NE 124<sup>th</sup> Street (Schedule A) prior to it being resurfaced.

A portion of the 2007 Emergency Sewer project funding will be utilized to repave 115<sup>th</sup> Place (Schedule D); originally anticipated to be repaved as part of the 2007 Emergency Sewer contract, the paving work was transferred to the 2008 Street Preservation Project in order to receive better unit prices and to allow city maintenance crews more time to upgrade all existing water services along the street prior to paving.

Approximately \$75,000 of the total funds were withheld in order for City crews to perform paving and pavement repair associated with the Waverly Beach parking lot and distressed paving along 116<sup>th</sup> Ave NE in the Bridle Trails neighborhood.

This year's project was bid as six separate schedules of work. The table below summarizes the proposed schedules for 2008:

Award?	Schedule	Location(s)	From	To	Description
yes	<b>A</b> Base Bid	NE 124 <sup>th</sup> St	107 <sup>th</sup> PI NE	116 <sup>th</sup> Ave NE	Overlay & Pavement Repair
		116 <sup>th</sup> Ave NE	NE 124 <sup>th</sup> St	465' N of NE 124 <sup>th</sup> St	Overlay & Pavement Repair
		120 <sup>th</sup> Ave NE	NE 124 <sup>th</sup> St	240' S of NE 124 <sup>th</sup> St	Overlay & Pavement Repair
yes	<b>B</b> Additive	3 <sup>rd</sup> St	Central Way	7 <sup>th</sup> Ave	Overlay
yes	<b>C</b> Additive	NE 52 <sup>nd</sup> St	Lk. Wash. Blvd.	108 <sup>th</sup> Ave NE	Overlay & Pavement Repair
yes	<b>D</b> Additive	124 <sup>th</sup> Ave NE	NE 70 <sup>th</sup> St	NE 72 <sup>th</sup> St	Overlay
		NE 72 <sup>nd</sup> St.	124 <sup>th</sup> Ave NE	126 <sup>th</sup> Ave NE	Overlay
		NE 73 <sup>rd</sup> St.	122 <sup>nd</sup> Ave NE	124 <sup>th</sup> Ave NE	Overlay
		115 <sup>th</sup> PL NE	NE 112 <sup>th</sup> St	End of Street	Overlay – funds from ESP
no	<b>E</b> Additive	113 <sup>th</sup> Ave NE	NE 120 <sup>th</sup> St	NE 124 <sup>th</sup> St	Overlay
		NE 120 <sup>th</sup> St	113 <sup>th</sup> Ave NE	115 <sup>th</sup> Ave NE	Overlay
		NE 122 <sup>nd</sup> Way	113 <sup>th</sup> Ave NE	115 <sup>th</sup> Ave NE	Overlay
		115 <sup>th</sup> Ave NE	NE 122 <sup>nd</sup> St	NE 120 <sup>th</sup> St	Overlay
		115 <sup>th</sup> Ave NE	NE 118 <sup>th</sup> St	NE 120 <sup>th</sup> St	Overlay
yes	<b>F</b> Additive	NE 124 <sup>th</sup> St	100 <sup>th</sup> Ave NE	116 <sup>th</sup> Ave NE	Storm Repair

The first advertisement for this project was published on April 22, 2008 and bids were opened and read publicly on May 7, 2008; two sealed bids were received and tabulated as follows:

Contractor	Total Bid (Schedules A, B, C, D, and F only)	Total Bid (all schedules)
<i>Engineer's Estimate</i>	<i>\$1,670,300</i>	<i>\$1,907,600</i>
<b>Watson Asphalt</b>	<b>\$1,960,709.50</b>	<b>\$2,210,778.48</b>
Lakeside Industries	\$2,144,529.51	\$2,391,086.45

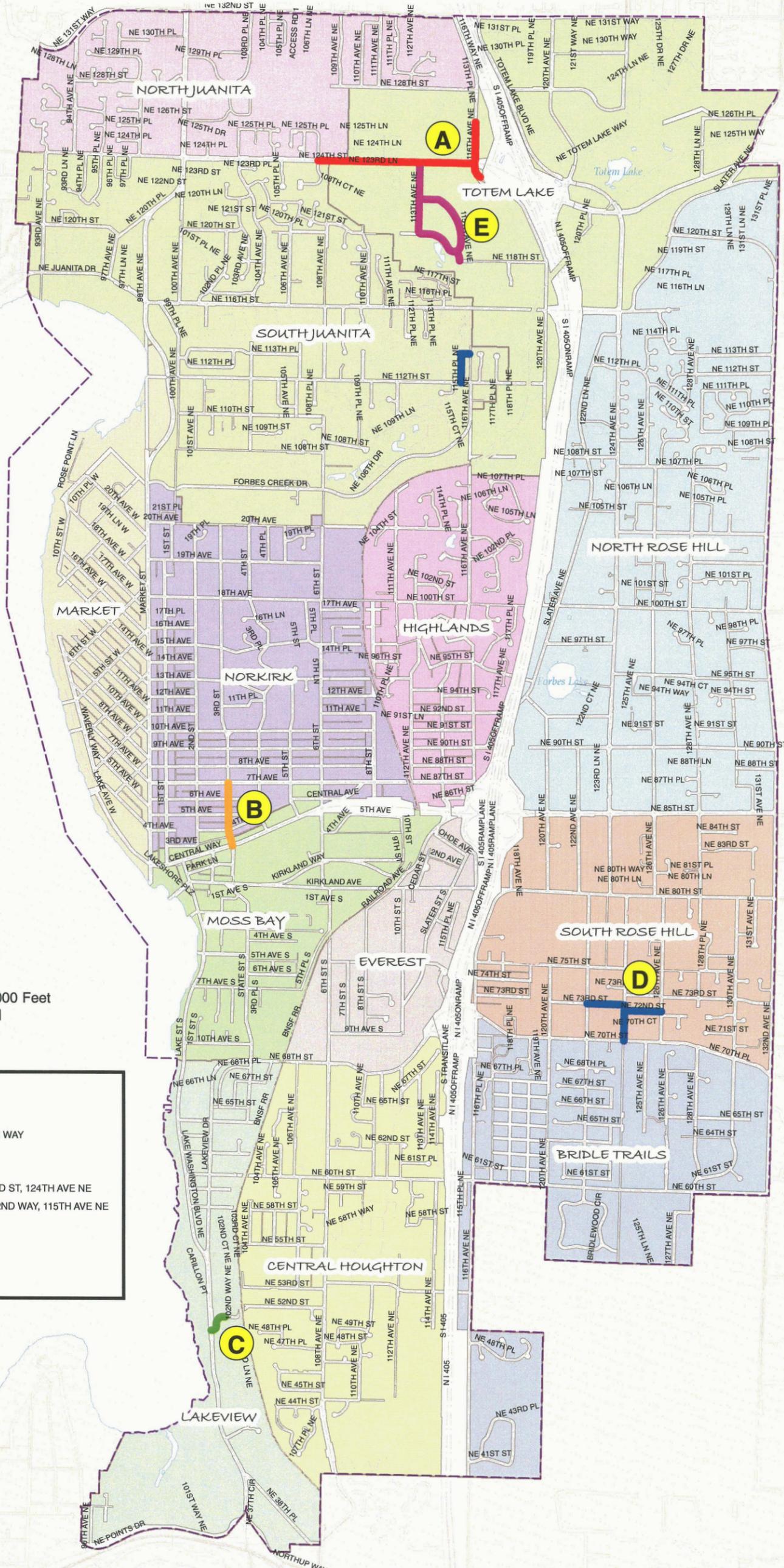
The Engineer's Estimate was based on information received from adjacent agencies including Bellevue, Redmond and WSDOT, as well as projections based on past year's bid tabs. Staff had estimated the cost for pavement this year would increase to approximately \$70 per ton (Attachment C). By comparison, the average cost of asphalt received in the 2007 Street Preservation Program bids was approximately \$67.60 per ton. However, the average cost of asphalt received in the 2008 bids increased to \$75.88 per ton for the base bid (Schedule A), and was even higher for most of the other schedules due to the smaller quantities of work and various conditions. This increase in unit prices resulted in a higher than anticipated total project cost, and as a result, staff recommends awarding all schedules except for Schedule E. Schedule E roadways will be addressed with future programs.

Construction of the project is anticipated to start in mid-June and substantial completion is expected by the end of October. In advance of the work, Public Works will notify adjacent properties with an informational mailing describing the City's Street Preservation Program. This information, along with a regularly updated construction schedule, will also be posted on the City's web site. Construction notice signs will be installed in advance of the overlay on higher volume streets and portable construction notice signs will be placed on residential streets a few days prior to construction. Supplemental notices will also be distributed to all adjacent homes and businesses at least 24 hours prior to construction. As the Project also includes a significant amount of sidewalk and ramp reconstruction, staff will ensure the contractor maintains safe travel for pedestrians throughout the work areas at all times.

Attachments: (3)

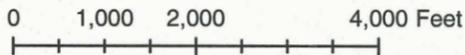
# CITY OF KIRKLAND - DEPARTMENT OF PUBLIC WORKS

## 2008 STREET PRESERVATION PROJECT



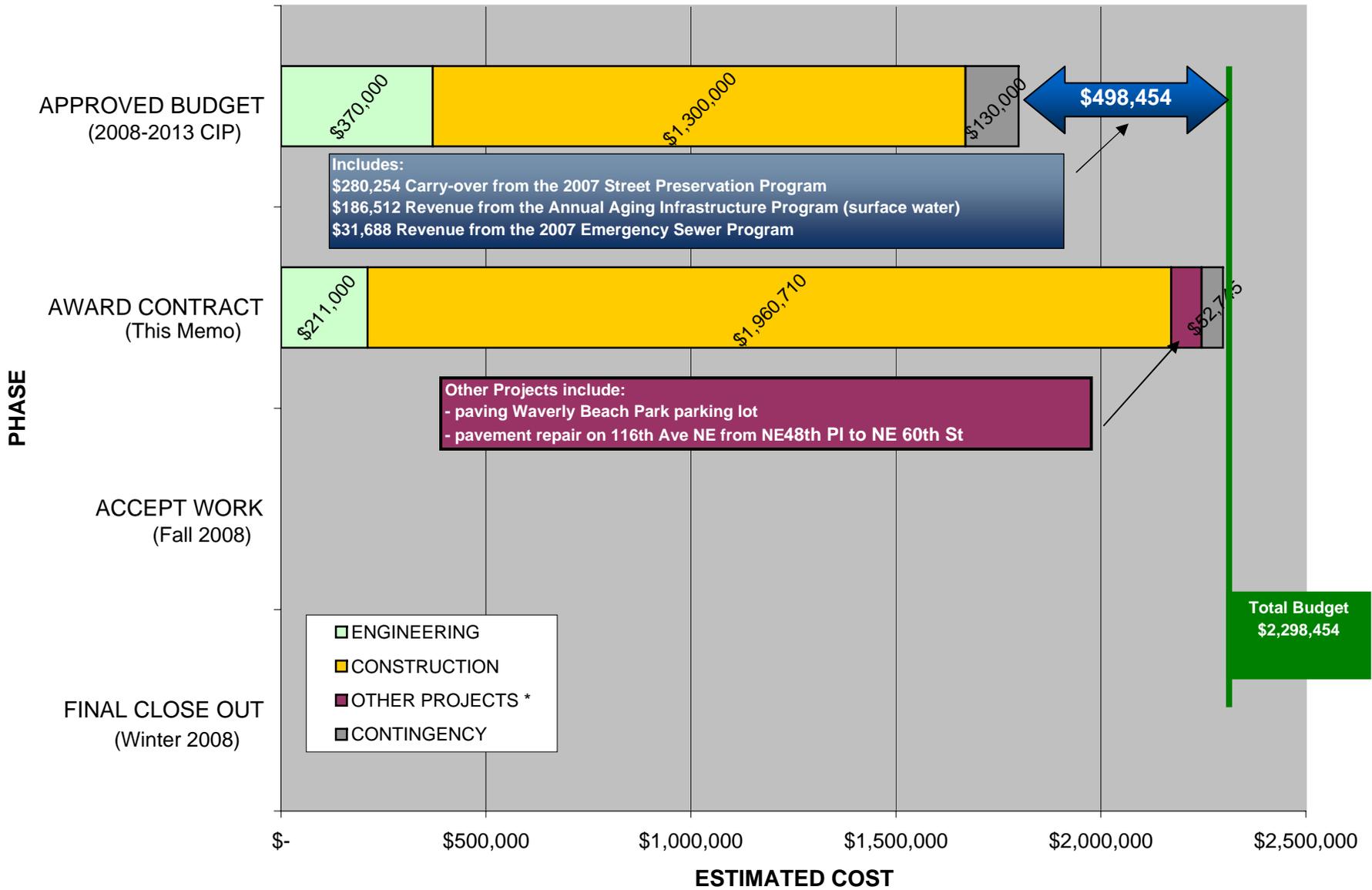
Lake Washington

1 inch equals 2,000 feet



Legend	
<b>COK 2008 Preservation Plan</b>	
	SCHEDULE A (Base Bid) - NE 124TH ST, 116TH WAY
	SCHEDULE B (Additive) - 3RD STREET
	SCHEDULE C (Additive) - NE 52ND ST
	SCHEDULE D (Additive) - NE 72ND ST, NE 73RD ST, 124TH AVE NE
	SCHEDULE E (Additive) - NE 120TH ST, NE 122ND WAY, 115TH AVE NE
	Kirkland City Limits
	Lakes
	Street
	Right-of-Way

## 2008 Street Preservation Project (CST-0806) PROJECT BUDGET REPORT



### Historical comparison of asphalt bids

