



CITY OF KIRKLAND
Department of Public Works
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MEMORANDUM

To: Marilynne Beard, Interim City Manager
From: Ray T. Steiger, P.E., Interim Public Works Director
Dave Snider, P.E., Capital Projects Manager
Date: June 3, 2010
Subject: 2010 STREET PRESERVATION PROGRAM (PHASE I – OVERLAY PROJECT)
AWARD CONTRACT

RECOMMENDATION:

It is recommended that City Council award Schedules A and B (Base Bid) and Schedules C, D, and E (Additive Alternates) for the 2010 Overlay Project to Watson Asphalt Paving Company of Redmond, Washington in the amount of \$1,444,139.74.

BACKGROUND DISCUSSION:

The Overlay Project is Phase I of the 2010 Annual Street Preservation Program which provides for the maintenance and rehabilitation of the City's street network through subgrade repair, asphalt grinding, and the application of a new surface layer of asphalt overlay applied to selected streets. This year's Project included five schedules of work resulting in the resurfacing of approximately six lane miles of roadway throughout the City (Attachment A). 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. Phase II of the Annual Street Preservation Program is the Slurry Seal Project, and a separate award memo for that project is scheduled to be included on the July 20th Council meeting agenda.

The first advertisement for the Overlay Project was published on May 14, 2010 and bids were opened on June 1, 2010; four bids were received and tabulated as follows:

Contractor	Schedules A & B (Base Bid)*
Watson Asphalt	\$787,904.74
Lakeside Industries	\$795,133.52
CEMEX	\$808,834.99
Northwest Asphalt	\$850,599.40
<i>Engineer's Estimate</i>	<i>\$996,000.00</i>

**Schedules A & B (Base Bid) were used as the basis for determining award.*

Since the Base Bid was significantly below the engineer's estimate, the budget allows for the addition of a number of additive alternates. Staff recommends adding all of the remaining schedules of work bringing the total Watson Asphalt contract amount to \$1,444,140. The Engineer's Estimate was based on information received from Bellevue and WSDOT 2010 bids, as well as Kirkland's bid tabulations from previous years. For 2010, staff had estimated the cost

for pavement would be approximately \$76 per ton. By comparison, the average cost of asphalt received in the 2009 Street Preservation Program bids was \$76 per ton; however, the average cost of asphalt received in 2010 decreased to \$74. (Attachment C)

The work for Schedule B (Base Bid) includes repaving streets that had new sewer lines installed in them during the 2009 Emergency Sewer Program (ESP). The repaving work was included in the 2010 Overlay Project to benefit from better unit pricing and keep the ESP assessments as low as possible – approximately \$41,000 of 2009 ESP funds are being utilized to repave streets that were in the “excellent” to “very good” condition (i.e. Pavement Condition Index (PCI) range of 100 to 70) prior to the impacts caused by the 2009 ESP. The streets that were in “good” to “poor” condition (i.e. below 70) prior to the 2009 ESP are being repaved using the 2010 Overlay funds since they would soon be repaired as a part of the City’s ongoing Street Preservation Program.

The Street Preservation Program has a 2010 CIP budget of \$2.0 million; with a contribution of \$41,000 from the 2009 ESP, the total Project budget is \$2,041,000 (Attachment B).

As is the City’s standard practice, notification of the 2010 Street Preservation Program was sent to all utilities: PSE, Northshore Utility District, and others in the fall of 2009. This notification allowed those agencies the opportunity to upgrade their facilities in the roadways being repaved. City utility crews also upgraded and repaired City facilities (water, sewer, storm) in advance of this year’s Program.

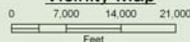
Construction of the 2010 Overlay Project will start in early July with substantial completion expected by the end of October. In advance of the construction work, Public Works will notify adjacent property owners with an informational mailing describing the City’s Street Preservation Program. This information, 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)

Street Preservation Project - 2010 Overlay Plan



Vicinity Map



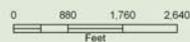
Note: Streets selected for treatment are preliminary and may or may not be resurfaced as indicated on this drawing.

This map does not include streets to be treated with other preventative maintenance techniques (i.e. Slurry Seal, Crack Seal, etc.).

Some streets shown on this drawing will be repaved by other projects and are indicated as such with callouts.

Map Legend	
Preliminary Overlay Streets	
Year, Sched	
Schedule A - Base Bid	[Green Box]
Schedule B - Base Bid	[Blue Box]
Schedule C - Additive	[Purple Box]
Schedule D - Additive	[Orange Box]
Neighborhoods	
Bridle Trails	[Light Blue Box]
Central Houghton	[Light Green Box]
Everest	[Light Purple Box]
Highlands	[Light Orange Box]
Lakeview	[Light Yellow Box]
Market	[Light Brown Box]
Moss Bay	[Light Green Box]
Norkirk	[Light Purple Box]
North Juanita	[Light Green Box]
North Rose Hill	[Light Blue Box]
South Juanita	[Light Green Box]
South Rose Hill	[Light Orange Box]
Totem Lake	[Light Green Box]

E Schedule E consists of pavement repair on 132nd Ave NE and 124th Ave NE.



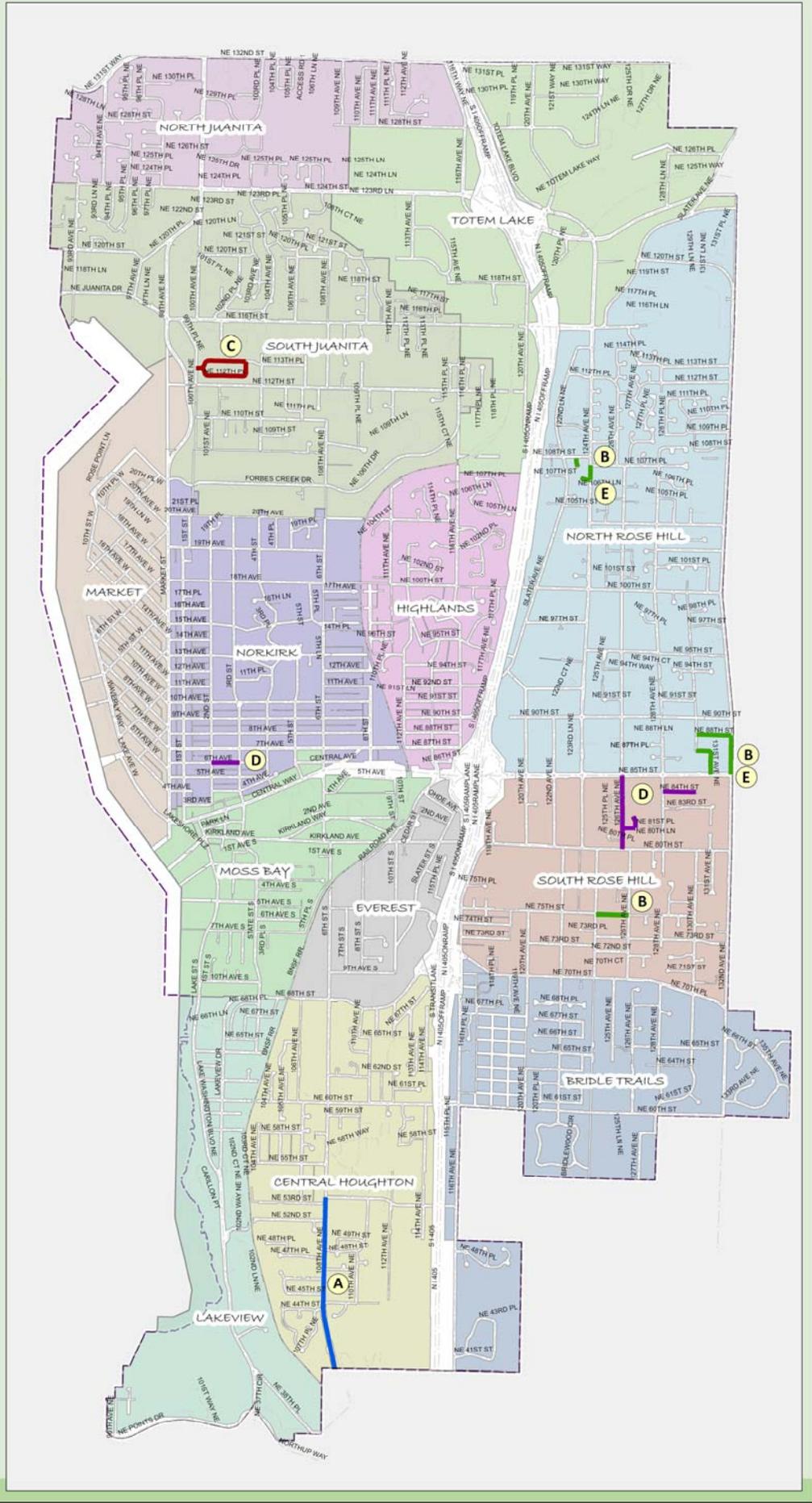
CITY OF KIRKLAND
DEPARTMENT OF PUBLIC WORKS



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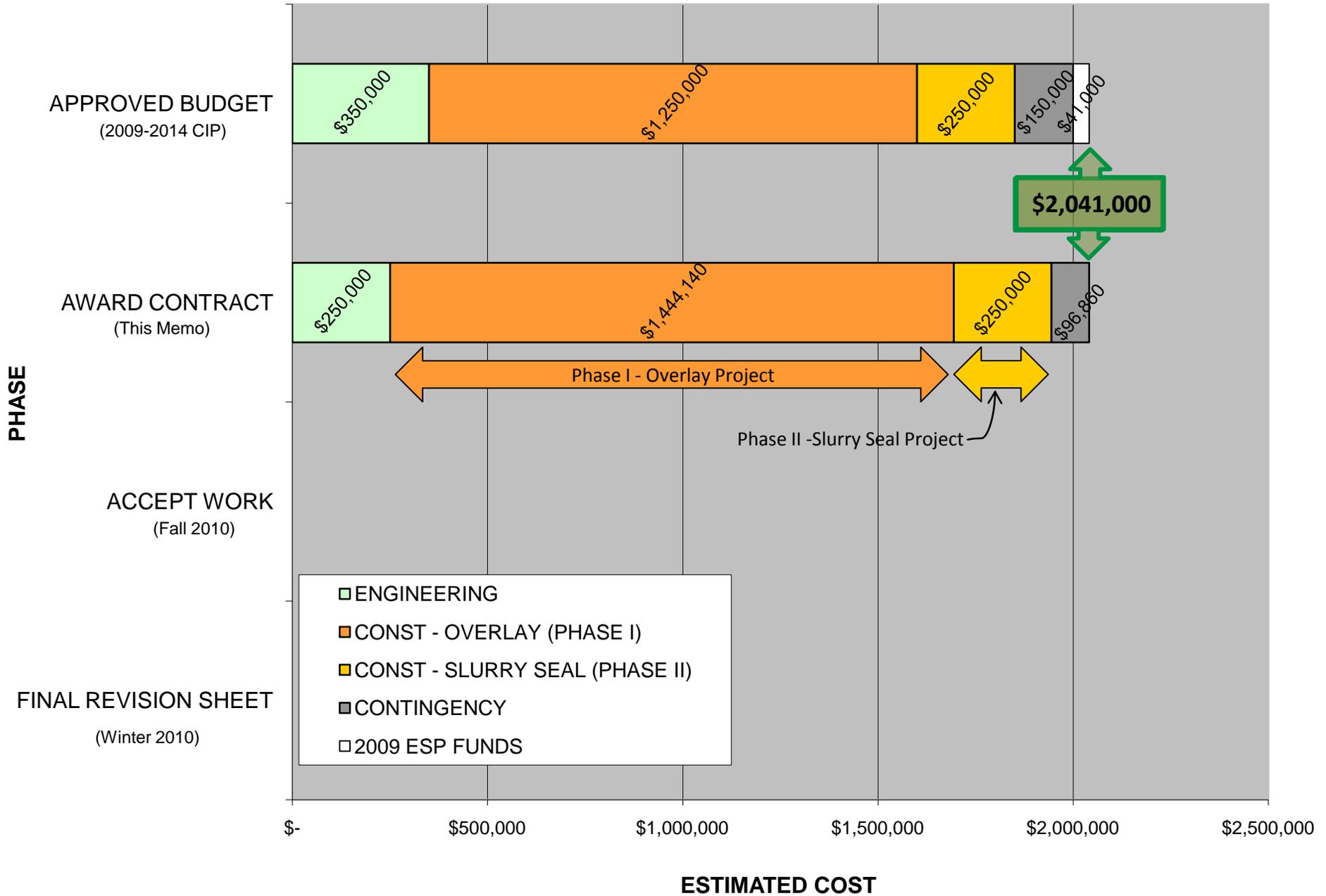
Print Date: 9/2/2010

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2010 STREET OVERLAY PROJECT (ST-1006)

Project Budget Report



Kirkland Annual Overlay Program Cost Comparison

