



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
Ray Steiger, P.E., Public Works Director
Date: May 24, 2012
Subject: 2012 STREET PRESERVATION PROGRAM (PHASE II OVERLAY PROJECT)
AWARD CONTRACT

RECOMMENDATION:

It is recommended that City Council award the construction contract for Schedules A, B, C, E, and F, on the 2012 Street Preservation Program -- Phase II Overlay Project, to Lakeside Industries Company of Issaquah, WA, in the amount of \$1,612,371.73.

BACKGROUND DISCUSSION:

The Overlay Project is Phase II of the Annual Street Preservation Program for the maintenance and rehabilitation of the City's street network; Phase I of the Street Preservation Program is the Slurry Seal Project, and a contract for that work was awarded by City Council at their meeting of May 15, 2012. The Overlay Project includes sub-grade preparation and repair, pavement grinding, and the application of a new surface layer of asphalt applied to selected streets. This year's Project was bid with six schedules of work for a total of approximately 8 lane miles of planned resurfacing. However, in order to stay within the existing Project budget, only five of six schedules are being recommended for award which will result in the resurfacing of 6.9 lane miles of City roadway (Attachment A). The Project also includes the installation of new curb ramps, as required by the Americans with Disabilities Act, and provides for the replacement of adjacent broken concrete curb and sidewalk panels.

With an engineer's estimate of \$2,045,000 for all schedules, based on current overlay pricing information received from Bellevue and the Washington State Department of Transportation, the first advertisement for the Project was on May 8, with bids opened on May 22, 2012; three bids were received with Lakeside Industries being the lowest responsive bidder, as shown below:

Contractor	Schedules A, B, C, E & F*	Total of All Schedules
Lakeside Industries	\$1,612,371.73	\$1,849,680.52
<i>Engineer's Estimate</i>	<i>\$1,763,781.45</i>	<i>\$2,045,000.00</i>
CEMEX	\$1,931,998.70	\$2,248,769.07
Watson Asphalt	\$1,975,463.75	\$2,297,397.35

**To maintain the current budget, Schedule D is not recommended for award. Schedule D can be reprogrammed to the 2013 Street Preservation Program.*

The Annual Street Preservation Project has a 2012 base CIP budget of \$2.3 million. In addition, for 2012, the Overlay Project received a contribution of \$26,100 from the 2011 Emergency Sewer Program (ESP) for the work identified as "Schedule F". The planned new paving along NE 104th Street, where new sewer line was installed as part of the 2011 ESP, was added to the 2012 Overlay Project to help keep ESP assessments as low as possible by utilizing the better economy-of-scale unit pricing received through the annual paving project.

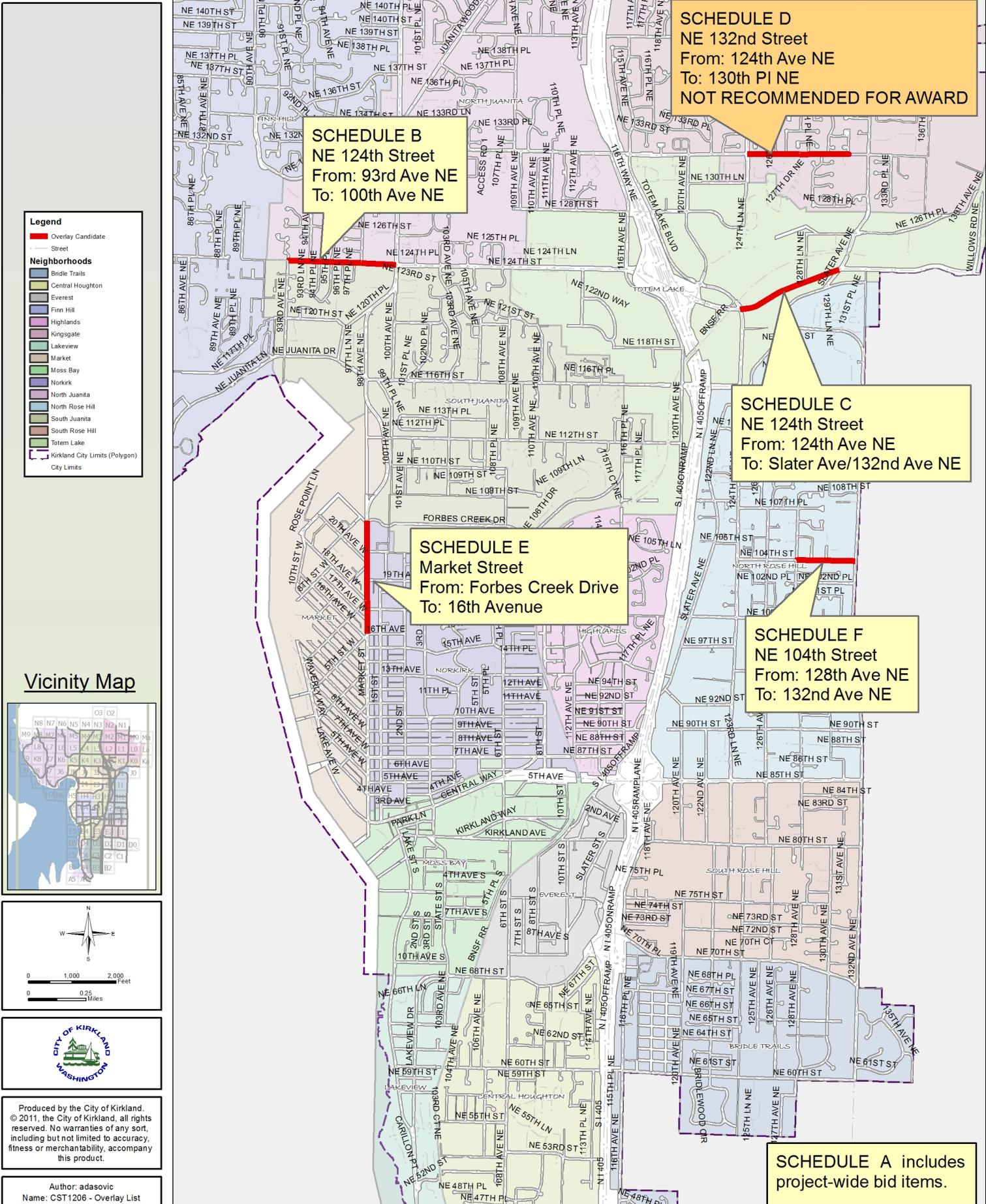
The City also received a mitigation payment from a private developer in the amount of \$2,779 for minimal overlay work that was required as a result of a new development on NE 124th Street (east of 124th Avenue NE). With this mitigation payment and the 2011 ESP contribution, the total Project budget for 2012 is \$2,328,879 (Attachment B).

A comparison of the unit prices shows that in 2012 the average cost of asphalt has increased to \$79/ton from \$75/ton in 2011 (Attachment C).

With an award of the construction contract by City Council at their June 5 meeting, the Project will begin in late June with substantial completion expected by the end of October, 2012. In advance of the construction, Public Works staff will notify adjacent property owners with an informational mailing describing the Annual 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. Since 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)

2012 Street Overlay Program



SCHEDULE D
 NE 132nd Street
 From: 124th Ave NE
 To: 130th Pl NE
 NOT RECOMMENDED FOR AWARD

SCHEDULE B
 NE 124th Street
 From: 93rd Ave NE
 To: 100th Ave NE

SCHEDULE C
 NE 124th Street
 From: 124th Ave NE
 To: Slater Ave/132nd Ave NE

SCHEDULE E
 Market Street
 From: Forbes Creek Drive
 To: 16th Avenue

SCHEDULE F
 NE 104th Street
 From: 128th Ave NE
 To: 132nd Ave NE

SCHEDULE A includes project-wide bid items.

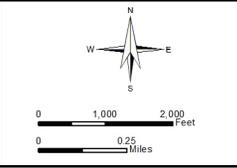
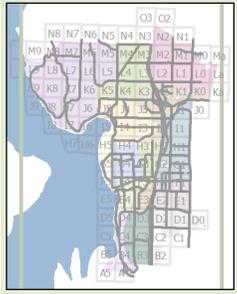
Legend

- Overlay Candidate
- Street

Neighborhoods

- Central Houghton
- Everest
- Finn Hill
- Highlands
- Kingsgate
- Lakeview
- Market
- Moss Bay
- Norkirk
- North Juanita
- North Rose Hill
- South Juanita
- South Rose Hill
- Totem Lake
- Kirkland City Limits (Polygon)
- City Limits

Vicinity Map

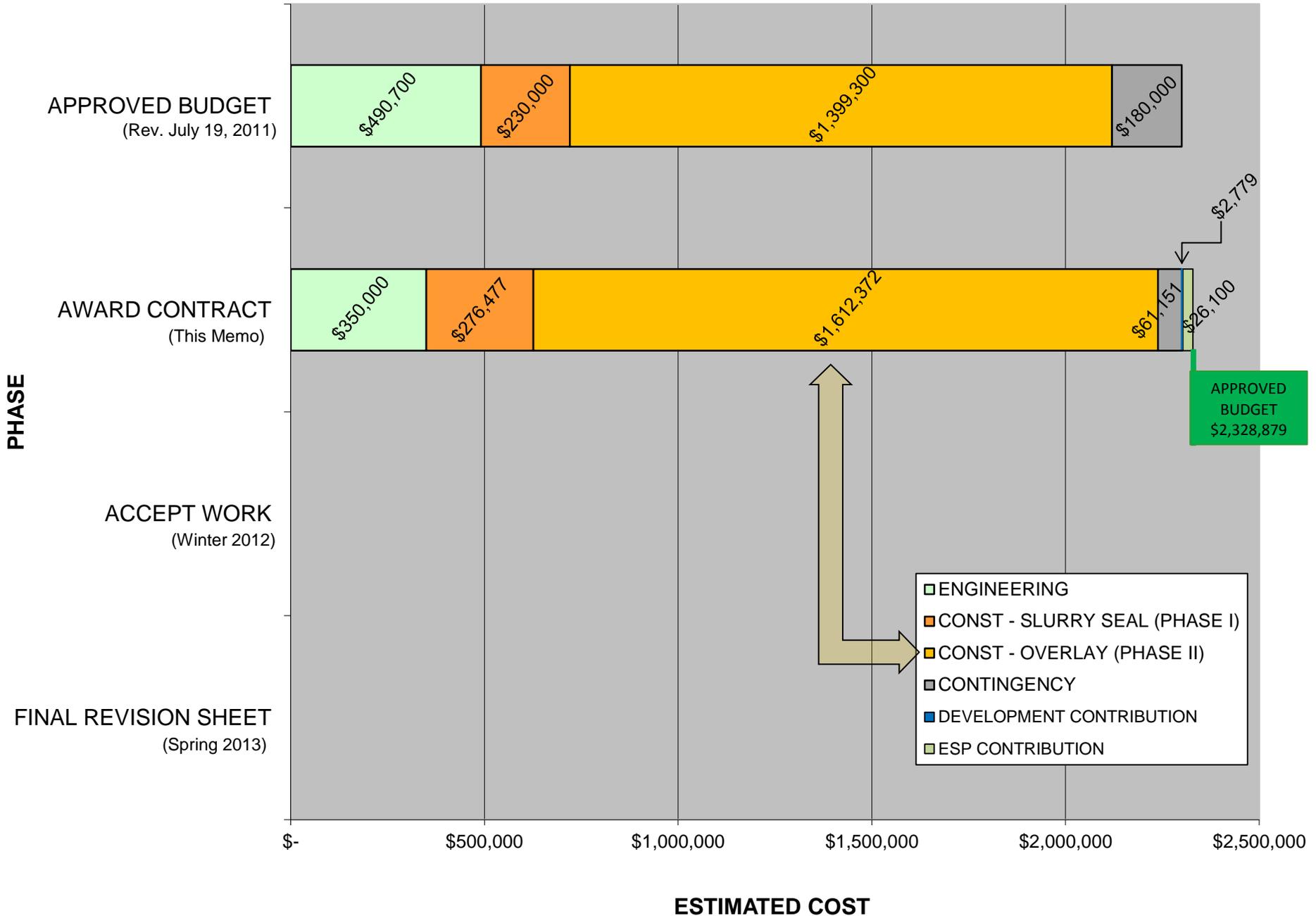


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Author: adasovic
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2012 STREET OVERLAY PROJECT (ST-1206)

Project Budget Report



Kirkland Annual Overlay Program Cost Comparison

ATTACHMENT C

