



CITY OF KIRKLAND
Department of Public Works
123 Fifth Avenue, Kirkland, WA 98033 425.587.3800
www.ci.kirkland.wa.us

MEMORANDUM

To: Kurt Triplett, City Manager
From: David Snider, P.E., Interim Capital Projects Manager
Ray Steiger, P.E., Interim Public Works Director
Date: July 8, 2010
Subject: ANNUAL STREET PRESERVATION PROGRAM (PHASE II – SLURRY SEAL)
AWARD CONTRACT

RECOMMENDATION:

It is recommended that the City Council award the contract for the 2010 Slurry Seal Project to Blackline, Inc. in the contract amount of \$220,628.20.

BACKGROUND DISCUSSION:

The Slurry Seal Project is the Phase II element of the 2010 Annual Street Preservation Program. It involves the application of a thin layer of liquid asphalt that has been mixed with a fine aggregate and is then placed on low-volume, residential streets where light to moderate surface wear is occurring. Slurry seal is a versatile and cost effective way to extend the life of the City's residential streets that are in the PCI range of approximately 56 to 85 by protecting the surface from the effects of aging while improving the existing pavement condition. This year's project will seal approximately 16 lane miles of roadway in three areas of the City (Attachment A). Phase I of the Annual Street Preservation Program, the overlay project, was awarded at the June 15th Council Meeting; the Phase I Project is currently under construction.



SLURRY SEAL APPLICATION

The first advertisement for Slurry Seal Project was published on June 18, 2010, and bids were opened on July 7, 2010; 4 sealed bids were received and tabulated as follows:

CONTRACTOR	TOTAL BID
Blackline, Inc	\$220,628.20
Asphalt Maintenance Associates, Inc.	\$236,425.37
<i>Engineer's Estimate</i>	<i>\$269,500.00</i>
Intermountain Slurry Seal	\$288,288.00
Valley Slurry Seal	\$365,343.00

Funding for the Slurry Seal Project comes from the Annual Street Preservation Program which has an overall 2010 CIP budget of \$2.0 million. At their June 15th meeting, Council was informed of a \$41,000 contribution of funds from the 2009 Emergency Sewer Program (ESP) to the Annual Street Preservation Program for paving streets that had new sewer installed as part of the 2009 ESP. With this added contribution, the total 2010 Street Preservation Program budget is \$2,041,000 (Attachment B).

The low bid received this year is almost exactly the same as it was last year (\$1.50 vs. \$1.49 per square yard), but the average bid has increased significantly. In 2009 only one bid was received, and this year there were four; typically increased competition would lead to lower average prices. It is likely that if there were additional bidders last year, the average bid would have been higher; the year to year comparison of average bids (Attachment C) indicates a dramatic increase, however this appears due to the odd sample size comparison.

Other agencies, all located significantly south of Kirkland, are experiencing lower bid prices than Kirkland:

2010 BID PRICES

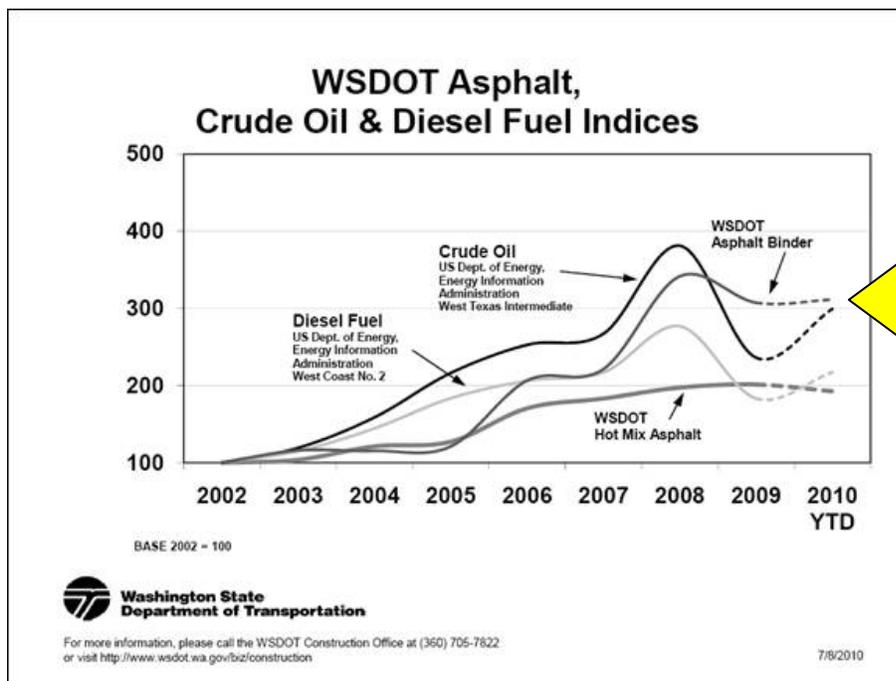
Agency	Quantity (SY)	Average Bid	Low Bid	#Bidders
Vancouver, WA	386,600	\$1.00	\$1.00	1
Eugene, OR	201,212	\$1.37	\$1.13	4
Lake Oswego, OR	84,097	\$1.27	\$1.22	3
Kirkland	111,042	\$1.71	\$1.50	4

Also, Lake Oswego 2009 bids were lower than being experienced this year:

2009 BID PRICES

Lake Oswego, OR	78,000	\$1.13	\$1.10	3
Kirkland	83,618	\$1.49	\$1.49	1

At the same time, the oil in the slurry seal mix is almost the same as last year:



We are encouraged by the higher competition in the Puget Sound market this year, however there appears to be a premium for the Kirkland slurry seal program. Likely this has to do with mobilization of equipment and work crews from the contractor's home town: Blackline, the 2010 low bidder, is from Spokane; other bidders: Asphalt Maintenance - Eugene, Valley Slurry Seal -

Sacramento, Intermountain - Reno/Vancouver Wa. A second factor may have to do with a Kirkland bid date later than the other Cities that were contacted.

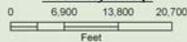
Construction of this project is temperature dependent and will begin in late July to early August; the construction duration will be approximately one month. In advance of the work, Public Works staff will supply and informational brochure to all property owners living along the planned Slurry Seal routes. The brochure will describe the City's Street Preservation Program together with important facts on the Slurry Seal treatment. The information in this brochure and schedule updates will also be incorporated into the Public Works section of the City's web site. In addition, door-hanger notices will be distributed to all adjacent homes and business at least 24 hours prior to Slurry Seal applications.

Attachments: (3)

Street Preservation Project - 2010 Slurry Seal Project



Vicinity Map



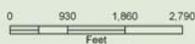
This map does not include streets to be treated with other overlay or other preventative maintenance techniques (i.e. Crack Seal, etc.).

Map Legend

- CS110005_Merge
- Temp

Neighborhoods

- Bridle Trails
- Central Houghton
- Everest
- Highlands
- Lakewood
- Market
- Moss Bay
- Norkirk
- North Juanita
- North Rose Hill
- South Juanita
- South Rose Hill
- Totem Lake



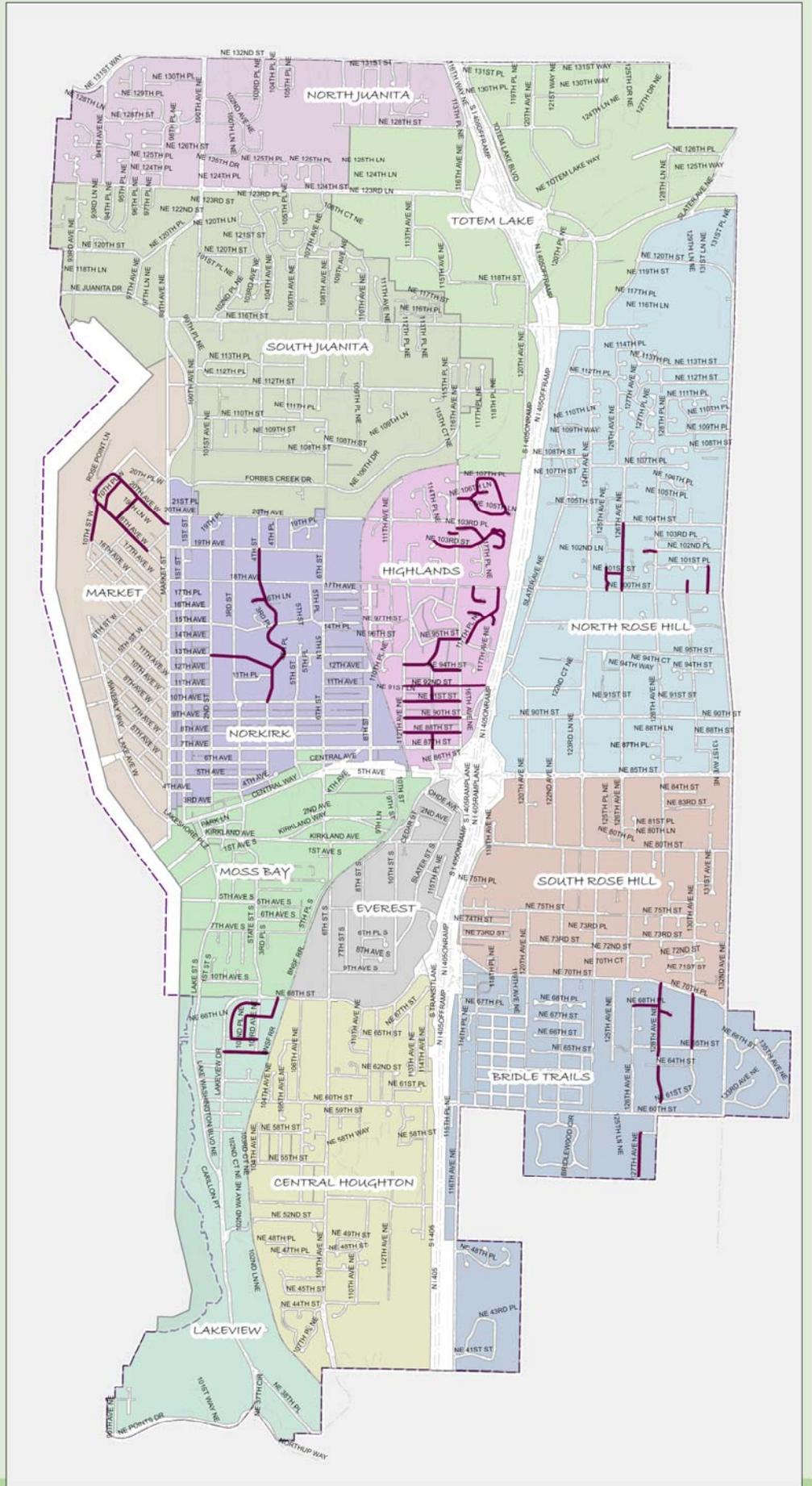
CITY OF KIRKLAND
DEPARTMENT OF PUBLIC WORKS



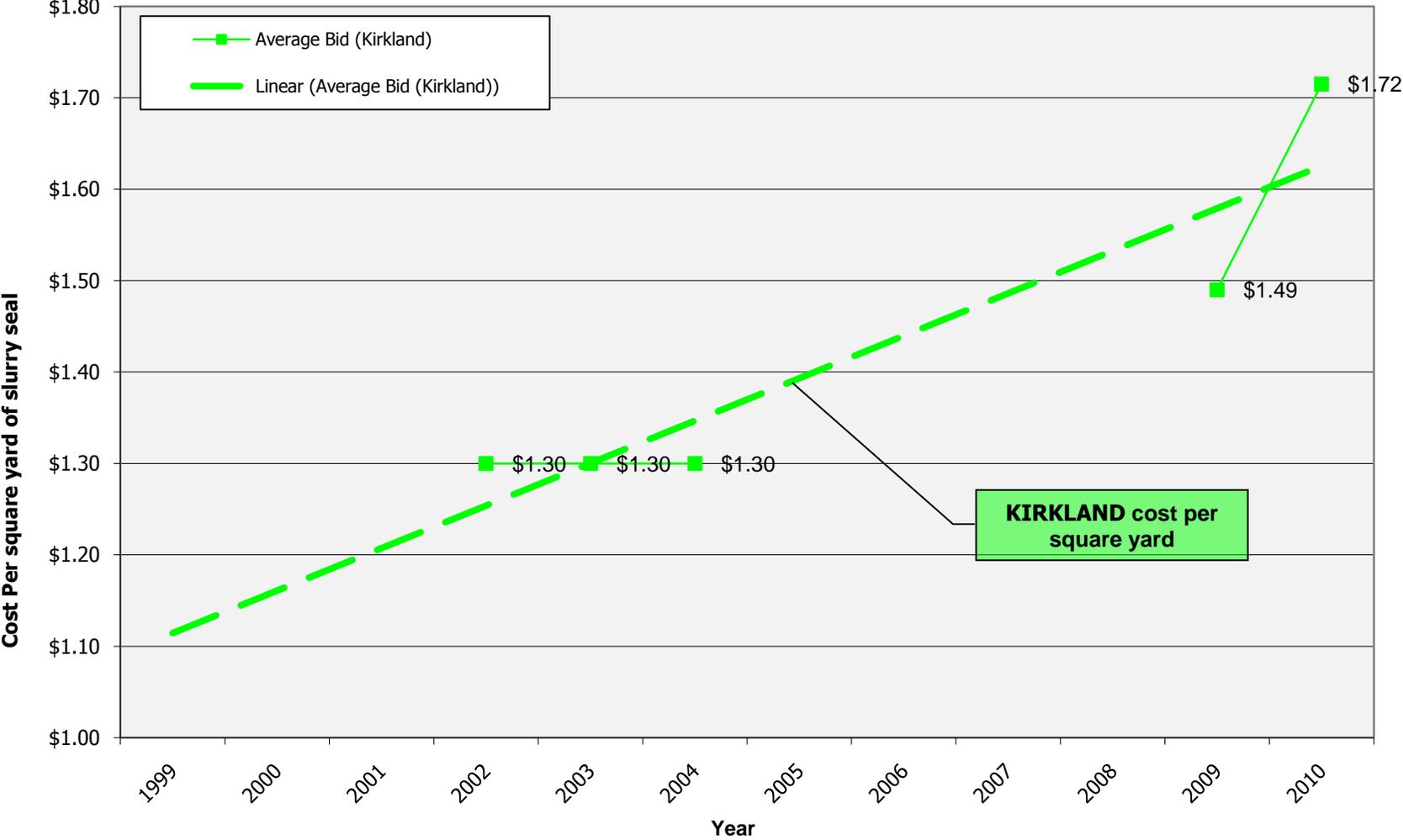
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Print Date: 9/24/2010

Location: \\SRV-FILE01\Data\Pw\CIP group\Project Files\STCST0006\CS110005\Slurry\Design\GIS\COKSP-SS 2010 Plan.mxd



Kirkland Slurry Seal Program Cost Comparison



2010 SLURRY SEALPROJECT (ST-1006)

Project Budget Report

