



**CITY OF KIRKLAND**  
Department of Public Works  
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www.kirklandwa.gov

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## MEMORANDUM

**To:** Kurt Triplett, City Manager

**From:** Dave Snider, P.E., Capital Projects Manager  
Marilynne Beard, Interim Public Works Director

**Date:** June 19, 2014

**Subject:** ANNUAL STREET PRESERVATION PROGRAM (2014 PHASE II STREET OVERLAY PROJECT) - AWARD CONTRACT

### **RECOMMENDATION:**

That City Council awards the construction contract for the Annual Street Preservation Program, 2014 Phase II Street Overlay Project, to Watson Asphalt Paving Co, Inc., of Redmond, WA, in the amount of \$2,780,964.70.

### **BACKGROUND DISCUSSION:**

The City uses a Pavement Management System to manage and prioritize preservation treatments throughout the City's street network. The Pavement Management System considers all City streets in terms of existing pavement conditions (PCI), prior maintenance histories, the City's annual budget for street preservation, and other factors to determine the most cost-effective treatment. Once selected for treatment, candidate streets are then reviewed for potential conflicts with other construction projects (i.e. other CIP projects, private development, WSDOT, and private utility companies, etc.) before making it onto the current year's program list (Attachment A).

The 2014 Annual Preservation Program includes three phases. The Phase I component is the Curb Ramp & Concrete Repairs Project; a contract for that phase was awarded by City Council at their meeting on April 15, 2014, and that work is currently under construction. In past years, the concrete repair work (Phase I) was bid together with the overlay project (Phase II) under a single contract. With the revenue and scope increases due to the passing of Proposition 1, staff split the work into two contracts to facilitate an earlier start for construction and to maximize the time for completing a larger-scale program. The Phase III component of the Annual Street Preservation Program is the Slurry Seal Project which is scheduled to be bid later this month for construction during the drier months of mid to late summer.

For the 2014 Street Overlay Project, the highest ranking streets will receive sub-grade preparation and repair, pavement milling, and the application of a new wearing surface layer of asphalt. This year's Project was bid with seven schedules of work for a total of 11.8 lane miles. It was structured this way because the engineer's estimate projected that bids would exceed the budget and staff wanted to maximize the amount of work that could be awarded without exceeding that budget.

With an engineer's estimate of \$3.31 million for all overlay schedules, the Phase II Project was first advertised on May 22 with four bids received on June 6, 2014, as follows:

Contractor	Total of All Schedules
<b>Watson Asphalt</b>	<b>\$2,780,964.70</b>
Lakeside Industries	\$2,996,487.00
CEMEX	\$3,123,771.80
<i>Engineer's Estimate</i>	<i>\$3,309,346.45</i>
Granite	\$3,340,245.52

Based on the bid results, all seven schedules of work will be awarded. A comparison of the unit prices shows that in 2014, the average cost of asphalt has increased to \$82.66/ton from \$77.47/ton in 2013 (Attachment B).

The total budget for the Annual Street Preservation Program for 2014 is a combination of three revenue sources (Attachment C) including the base CIP, Proposition 1 Levy funds, and a City Council approved carry-over from the 2013 program, including:

Revenue Source	Amount
2013-2018 base CIP	\$1,750,000
Prop 1 Levy funds	\$2,574,000
2013 Carry-over	\$ 230,559
<b>TOTAL</b>	<b>\$4,554,559</b>

The anticipated expenses for the Annual Street Preservation Program in 2014 are as follows:

Phase	Status	Amount
Phase I Curbs and Ramps	Under Construction	\$ 383,567
<b>Phase II Overlay</b>	<b>This Memo</b>	<b>\$2,780,965</b>
Phase III Slurry Seal	Late Summer	\$ 550,000
In-House Crews Paving	Starting Soon	\$ 35,000
Engineering, Admin, Inspection	On-Going	\$ 680,000
Contingency	Balance Remaining	\$ 125,027
	<b>TOTAL</b>	<b>\$4,554,559</b>

With a City Council award of the construction contract at the July 1<sup>st</sup> meeting, staff will begin the pre-construction public outreach process by notifying adjacent property owners with an informational mailer 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. Door hangers describing the work will also be distributed to all adjacent homes and businesses at least 24 hours prior to construction.

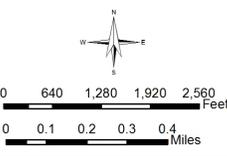
- Attachment A – Vicinity Map
- Attachment B – Annual Cost Comparison
- Attachment C – Project Budget Report

**Schedule A includes project-wide bid items**

PROP 1 FUNDED

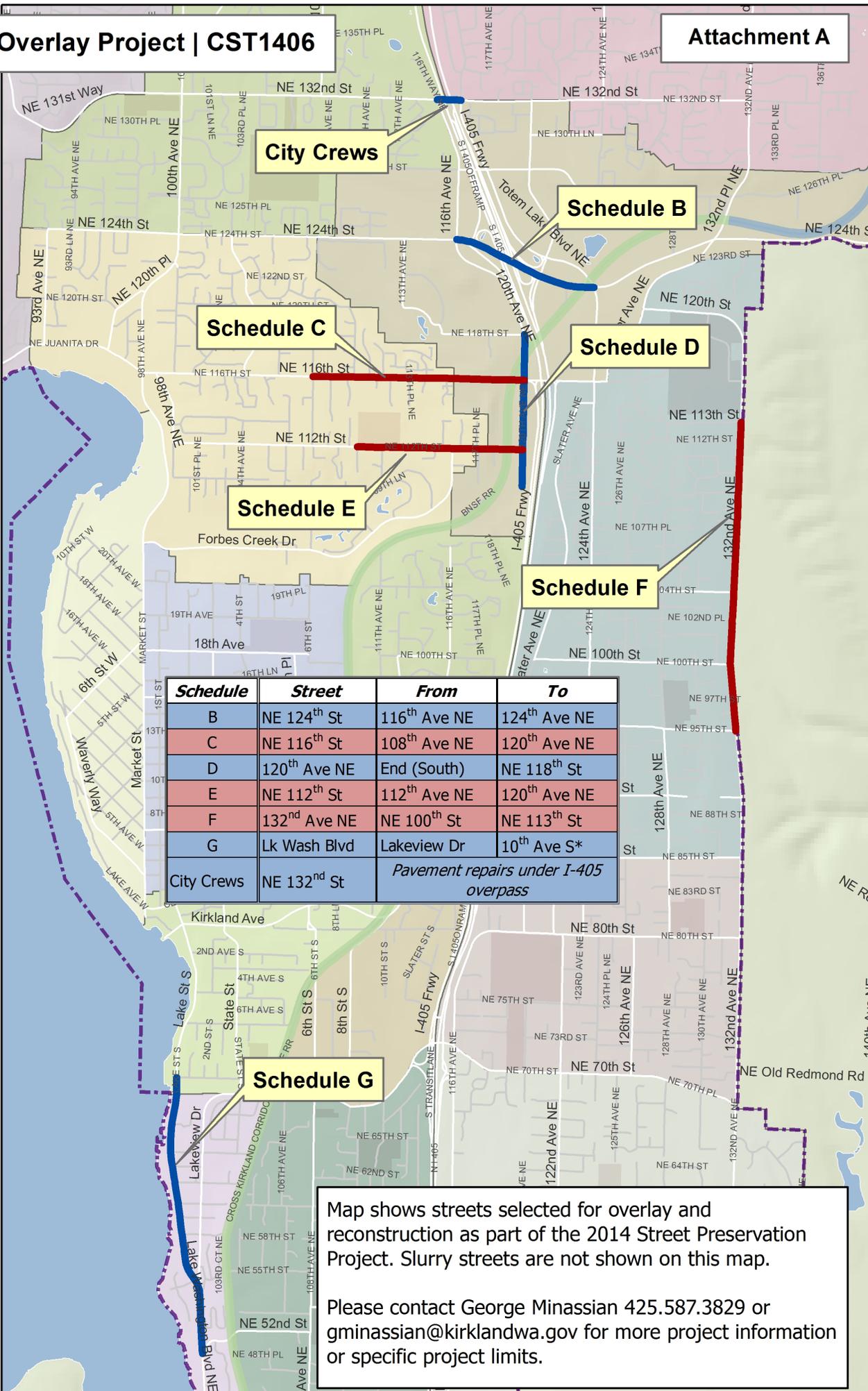
CIP FUNDED

- Buildings
- Road
- Overpass
- Parks
- Schools
- Parcels
- Major Streets
- Streets
- Cross Kirkland Corridor
- Regional Rail Corridor
- City Limits
- COK Grid
- QQ Grid
- Lakes



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Author:  
Name: 2014 Overlay Council Award  
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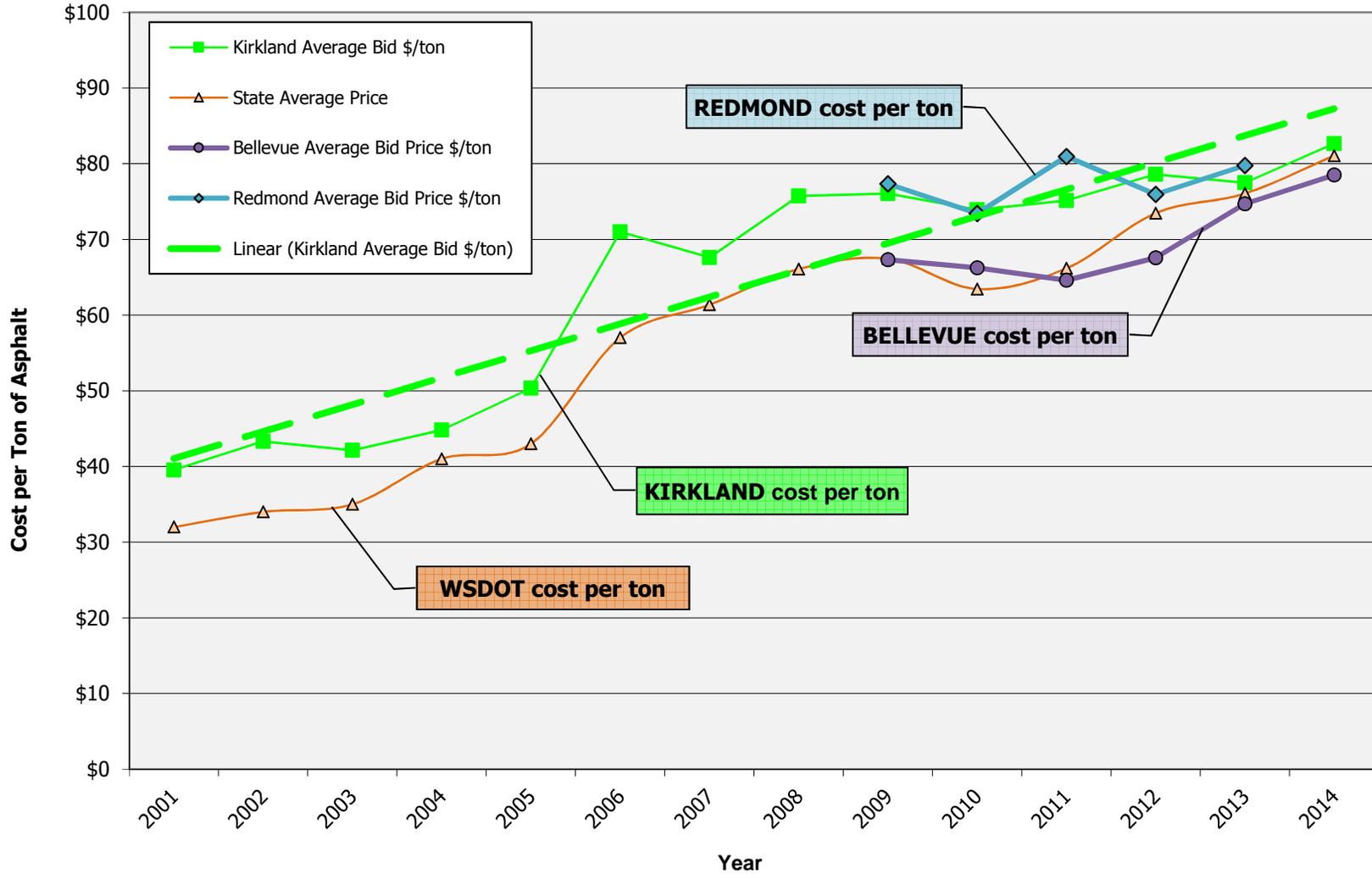
Schedule	Street	From	To
B	NE 24 <sup>th</sup> St	116 <sup>th</sup> Ave NE	124 <sup>th</sup> Ave NE
C	NE 116 <sup>th</sup> St	108 <sup>th</sup> Ave NE	120 <sup>th</sup> Ave NE
D	120 <sup>th</sup> Ave NE	End (South)	NE 118 <sup>th</sup> St
E	NE 112 <sup>th</sup> St	112 <sup>th</sup> Ave NE	120 <sup>th</sup> Ave NE
F	132 <sup>nd</sup> Ave NE	NE 100 <sup>th</sup> St	NE 113 <sup>th</sup> St
G	Lk Wash Blvd	Lakeview Dr	10 <sup>th</sup> Ave S*
City Crews	NE 132 <sup>nd</sup> St	Pavement repairs under I-405 overpass	

Map shows streets selected for overlay and reconstruction as part of the 2014 Street Preservation Project. Slurry streets are not shown on this map.

Please contact George Minassian 425.587.3829 or [gminassian@kirklandwa.gov](mailto:gminassian@kirklandwa.gov) for more project information or specific project limits.

# Kirkland Annual Street Overlay Program Cost Comparison

ATTACHMENT B



**Project Budget Report  
2014 Street Overlay Project  
(ST-1406)**

**Attachment C**

