



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
Pam Bissonnette, Interim Public Works Director
Date: January 9, 2014
Subject: 2013 Street Preservation Program
(PHASE III Slurry Seal Project) – Accept Work

RECOMMENDATION:

It is recommended that City Council accepts the work on the 2013 Street Preservation Program, Phase III Slurry Seal Project, as completed by Blackline, Inc. of Vancouver, WA, and establishes the statutory lien period.

BACKGROUND DISCUSSION:

The 2013 Slurry Seal Project is Phase III of the Annual Street Preservation Program for the maintenance and rehabilitation of the City's street network. It involved the application of fine aggregate and liquid asphalt placed on low-volume residential streets where low to moderate surface distress of the wearing course was documented. Slurry seal is a versatile and cost effective way to extend the life of the City's residential streets where there is no significant structural damage to the pavement section. It protects the asphalt surface from the effects of aging while improving the existing pavement condition. As part of the 2013 Slurry Seal Project, 32.2 lane-miles of residential streets were treated with slurry seal in four neighborhoods (Attachment A). As a result of this year's slurry seal project, the average PCI of treated streets increased from 81 to 89 effectively extending the pavement life by approximately 7 to 10 years (Attachment B).

Phase I of the Annual Street Preservation Program is the Curb Ramp & Concrete Repairs Project which was accepted by the Council at their January 7 meeting. The Phase II project of the Annual Program is the Street Overlay Project which resurfaced seven arterial streets in the City; the Phase II Project will be done in early 2014 following the completion of some minor weather dependent punch-list corrections. The recommendation for acceptance of the Phase II work will occur at a future City Council meeting.

The total budget for the 2013 Annual Street Preservation Program is a combination of five revenue sources including the base CIP funding, Proposition 1 Levy funds, a City Council approved carry-over from the 2012 program, a street-cut mitigation payment from Puget Sound Energy (PSE), and a private developer contribution, as follows:

Revenue Source	Amount
2013-2018 base CIP	\$1,750,000
Prop 1 Levy funds	\$1,959,000
2012 Carry-over	\$268,606
PSE Contribution	\$170,329
Private Development Contribution	\$17,548
TOTAL	\$4,165,483

At their regular meeting of June 18, 2013, Council awarded the 2013 Slurry Seal Project to Blackline, Inc. in the amount of \$511,793.69. The construction phase began on August 12 and the application process for all streets was substantially complete in October with the re-application of all required pavement markings.

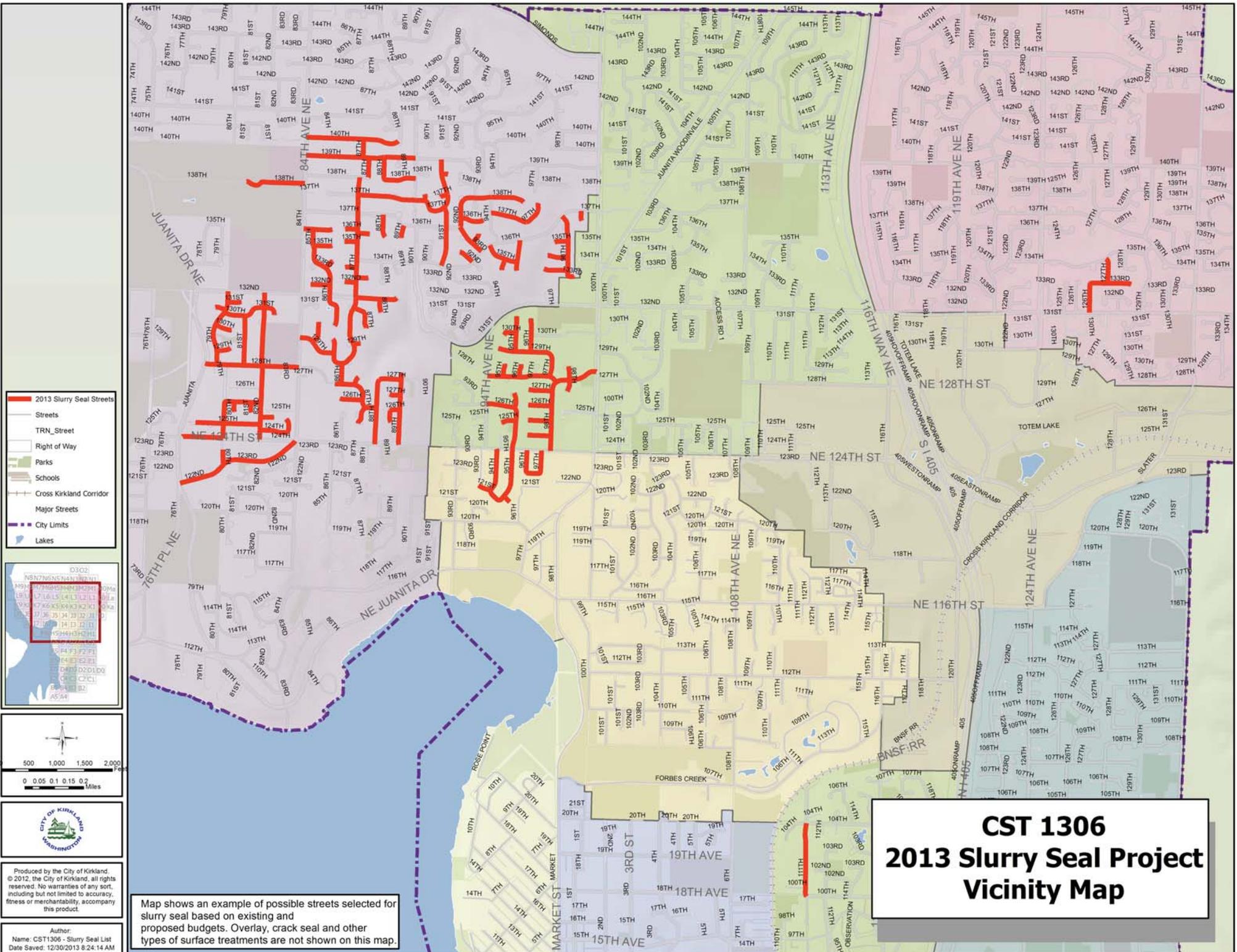
The total of all payments made to the contractor was \$487,088.72 (Attachment C) with the reduced contract amount due to bid item quantities being less than originally estimated. The \$24,705 funding difference will remain in the Project contingency until all phases are completed. At this time, the anticipated expenses for the entire 2013 Street Preservation Program are as follows:

Phase	Status	Budgeted Amount	Final Amount
Phase I Curbs and Ramps	Accepted 1/7/2014	\$475,943	\$426,266
Phase II Overlay Awarded	Substantially Complete	\$2,348,067	* \$2,180,000
Phase III Slurry Seal	Accept – This Memo	\$ 511,794	\$487,089
Engineering, Admin, Inspection	On-Going	\$ 600,000	* \$710,000
Contingency	Balance Remaining	\$ 229,679	\$362,128
TOTAL		\$4,165,483	\$4,165,483

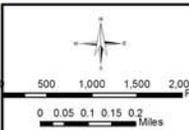
* *Current Estimated Final Amount*

The final Phase for the 2013 Street Preservation Program is the Phase II - Street Overlay Project. As noted above, that Phase will be done upon the completion of a couple of outstanding weather dependent corrections. Staff will return to City Council with a recommendation for acceptance once all work is complete. At that time, staff will also provide City Council with a final reconciliation of the entire 2013 Street Preservation Program budget.

- Attachment A: Vicinity Map
- Attachment B: PCI Curve Report
- Attachment C: Project Budget Report – Phase III



- 2013 Slurry Seal Streets
- Streets
- TRN_Street
- Right of Way
- Parks
- Schools
- Cross Kirkland Corridor
- Major Streets
- City Limits
- Lakes



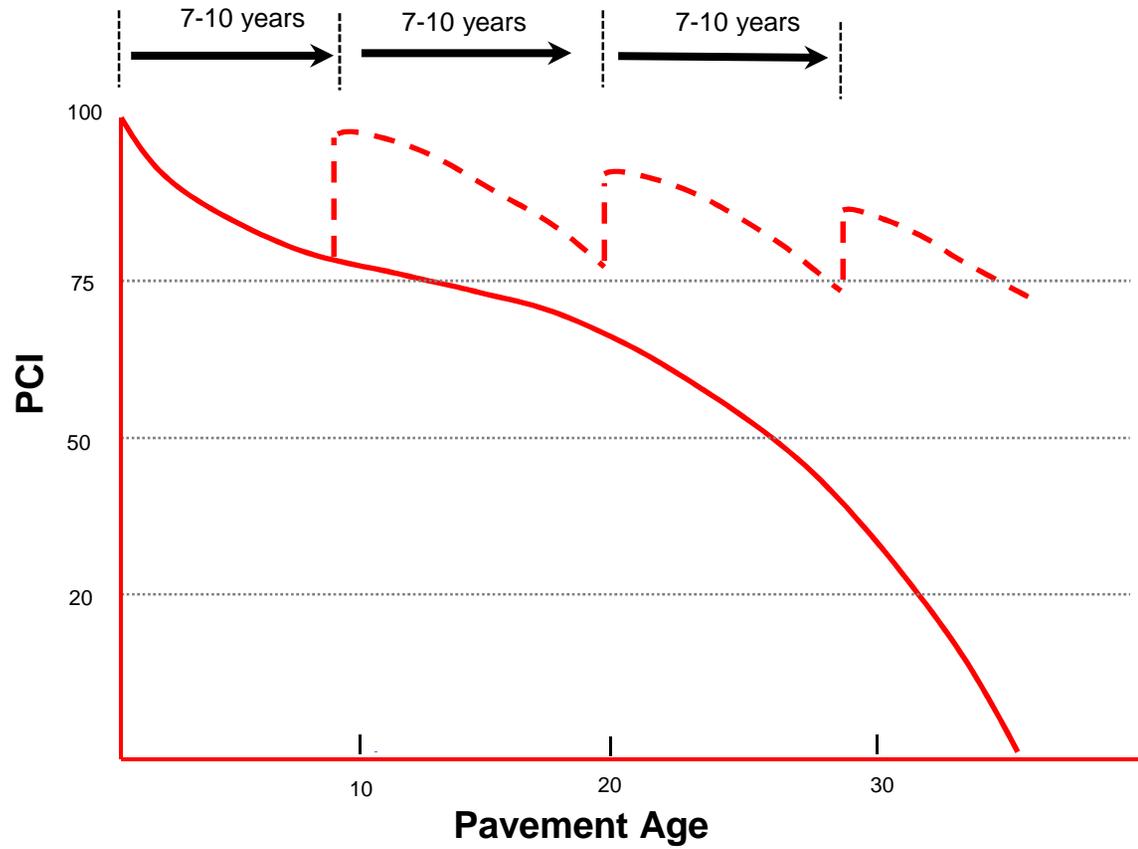
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Author:
 Name: CST1306 - Slurry Seal List
 Date Saved: 12/30/2013 8:24:14 AM

Map shows an example of possible streets selected for slurry seal based on existing and proposed budgets. Overlay, crack seal and other types of surface treatments are not shown on this map.

CST 1306 2013 Slurry Seal Project Vicinity Map

2013 Slurry Seal Project
(CST-1306)
Pavement Condition Curve



2013 Slurry Seal Project (ST-1306)

Attachment C

Project Budget Report

