



CITY OF KIRKLAND
Department of Public Works
123 Fifth Avenue, Kirkland, WA 98033 425.587.3800
www.kirklandwa.gov

MEMORANDUM

To: Kurt Triplett, City Manager

From: George Minassian, P.E., Project Engineer
Dave Snider, P.E., Capital Projects Manager
Kathy Brown, Public Works Director

Date: December 17, 2015

Subject: 2015 STREET PRESERVATION PROGRAM – ACCEPT WORK

RECOMMENDATION:

It is recommended that the City Council take the following actions:

- Accept the work for all three phases on the 2015 Street Preservation Program Project, thereby establishing the statutory lien period for each, and
- Approve the carry-over of all remaining 2015 Street Preservation funds to the 2016 Street Preservation Program Project.

By taking action on this memo during approval of the consent calendar, City Council is accepting the work on all three phases of the 2015 Street Preservation Program Project and approving the carry-over of remaining funds to the 2016 Preservation Program Project.

BACKGROUND DISCUSSION:

The 2015 Street Preservation Program for the maintenance and rehabilitation of the City's street network consists of three separate project phases:

- Phase I – 2015 Curb Ramp and Concrete Repairs Project completed by Trinity Contractors, Inc. of Marysville, WA;
- Phase II – 2015 Street Overlay Project completed by Watson Asphalt of Redmond, WA; and,
- Phase III - Slurry Seal Project completed by BlackLine Inc. of Vancouver, WA.

The overall budget for the 2015 Annual Street Preservation Program is \$4.05 million and is a combination of two revenue sources, including the base CIP and Proposition 1 Levy funds:

Table 1 – 2015 Street Preservation Program Funding

Revenue Source	Amount
2014 Update to the 2013-2018 CIP	\$1,750,000
Prop 1 Levy funds	\$2,300,000
TOTAL	\$4,050,000

The Phase I Curb Ramp and Concrete Repairs project included the installation of 59 new curb ramps, as required by the Americans with Disabilities Act (ADA). The Project also provided for the replacement of broken concrete curb and sidewalk panels immediately adjacent to the seven streets making up the Phase II 2015 Street Overlay Project (see Attachment A). Until the passage of Proposition 1, concrete repairs were bid together with the overlay project under one contract. Staff subsequently split the work into two contracts to facilitate an earlier construction start in order to maximize the time for completing the larger-scale program resulting from Proposition 1.

At the meeting of April 21, 2015, City Council awarded the 2015 Curb Ramp and Concrete Repairs project to Trinity Contractors in the amount of \$438,776.00. Construction began on May 18 and all concrete work was substantially complete on September 18, 2015. The total of all payments made to the contractor was \$407,049.98, with the reduced contract amount due to bid item quantities being less than originally estimated.

The Phase II Street Overlay Project included subgrade preparation and repair, asphalt grinding, and the application of a new surface layer of asphalt for seven schedules of work, resulting in the resurfacing of approximately 9.2 lane miles of roadway (Attachment A).

At the meeting of June 2, 2015, City Council awarded the 2015 Street Overlay Project to Watson Asphalt Paving Co., Inc., in the amount of \$1,948,592.26. The construction began on July 13 and the work was fully completed on December 1, 2015, with the completion of all outstanding punch list work items. The total of all payments made to the contractor was \$1,862,384.87 with the reduced contract amount due to bid item quantities being less than originally estimated.

The Phase III Slurry Seal Project involved the application of fine aggregate and liquid asphalt (slurry) on 30.8 lane-miles of low-volume residential streets in three neighborhoods (Attachment B).

At the meeting of July 7, 2015, City Council awarded the 2015 Slurry Seal Project to Blackline, Inc., in the amount of \$624,016.17. The construction phase began on July 28 and the application process for all streets was substantially complete on September 2, 2015. The total of all payments made to the contractor was \$593,965.86 with the reduced contract amount due to bid item quantities being less than originally estimated.

A fourth category for work performed under the Annual Street Preservation Program Project is related to miscellaneous pavement repair and overlay work performed by either City crews or through the alternate procurement method of Job Order Contracting. At the time of the award of the various 2015 Street Preservation Projects it was estimated that \$100,000 would be spent under this category. In total, the final cost for this category came to \$203,530 (Attachment C) for additional asphalt patching and paving work associated with the Cross Kirkland Corridor (CKC) Crossings at 120th Ave NE and at NE 124th Street. For both locations, the pavement repair was expanded from what was accomplished under the original CKC Rail Removal contract in order to improve the transition approaches and, in the case of NE 124th Street, to better tie into work that was performed by the Washington State Department of Transportation (WSDOT) at the adjacent I-405 overpass.

Budget

At the August 3, 2015 meeting, City Council approved the use of \$500,000 from the Annual Street Preservation Program to fund additional overlay thickness and paving surface for the NE 85th Street Overlay Project -- a separate overlay project with Federal and state funding contribution. At that meeting, it was estimated that for 2014 and 2015, there would be a

surplus of over \$868,000. With all 2015 Project costs known for all three phases the final budget to expenses reconciliation summary is as follows (also see Attachment C):

Table 2 – 2015 Street Preservation Program Project Expenses

Phase	Status	ORIGINAL Amount	FINAL Amount
	TOTAL BUDGET	\$4,050,000	\$4,050,000
Phase I Curbs and Ramps	Accept – This Memo	\$ 438,776	\$ 407,050
Phase II Overlay Awarded	Accept – This Memo	\$1,948,592	\$1,862,385
Phase III Slurry Seal	Accept – This Memo	\$ 624,016	\$ 593,966
Engineering, Admin, Inspection	Complete	\$ 680,000	\$ 450,000*
Misc. Overlay Work (CKC Crossings)	Complete	\$ 100,000	\$ 203,530
NE 85 th Street Overlay Transfer	Complete	\$ 0	\$ 500,000
	Remaining Balance	\$ 258,616	\$ 33,070

* *Current Estimated Final Amount*

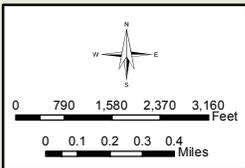
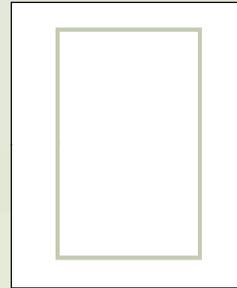
- Attachment A: Street Overlay Vicinity Map
- Attachment B: Slurry Seal Vicinity Map
- Attachment C: Project Budget Report

Schedule A includes project-wide bid items

Funding

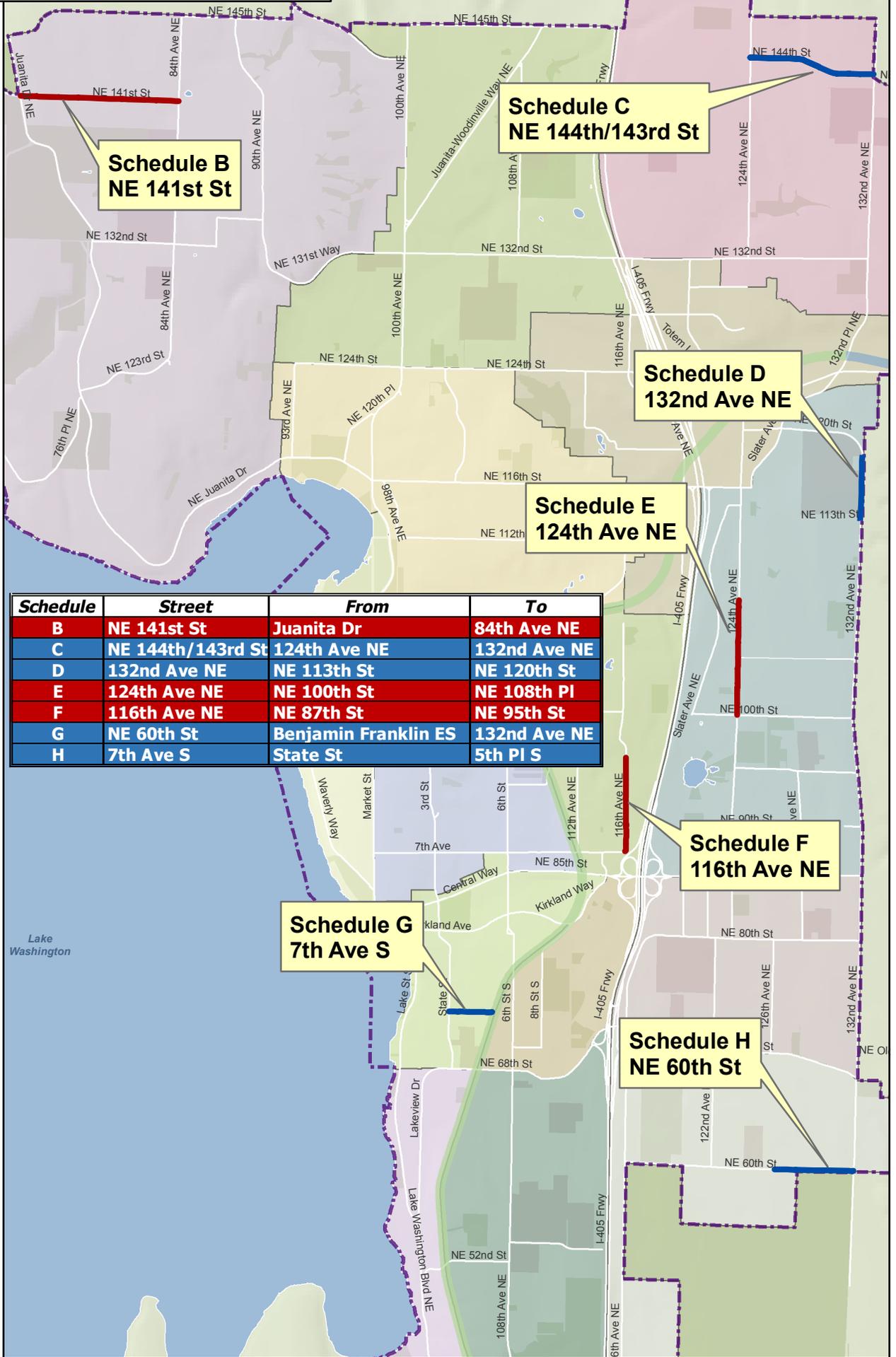
- █ CIP FUNDED
- █ PROP 1 FUNDED

- █ Parks
- █ Schools
- █ Major Streets
- █ City Limits
- █ Lakes
- █ Cross Kirkland Corridor
- █ Regional Rail Corridor



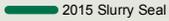
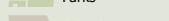
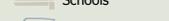
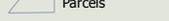
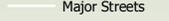
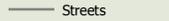
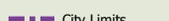
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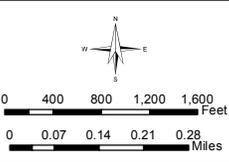
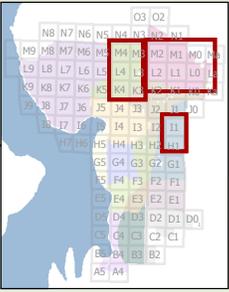
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Schedule	Street	From	To
B	NE 141st St	Juanita Dr	84th Ave NE
C	NE 144th/143rd St	124th Ave NE	132nd Ave NE
D	132nd Ave NE	NE 113th St	NE 120th St
E	124th Ave NE	NE 100th St	NE 108th Pl
F	116th Ave NE	NE 87th St	NE 95th St
G	NE 60th St	Benjamin Franklin ES	132nd Ave NE
H	7th Ave S	State St	5th Pl S

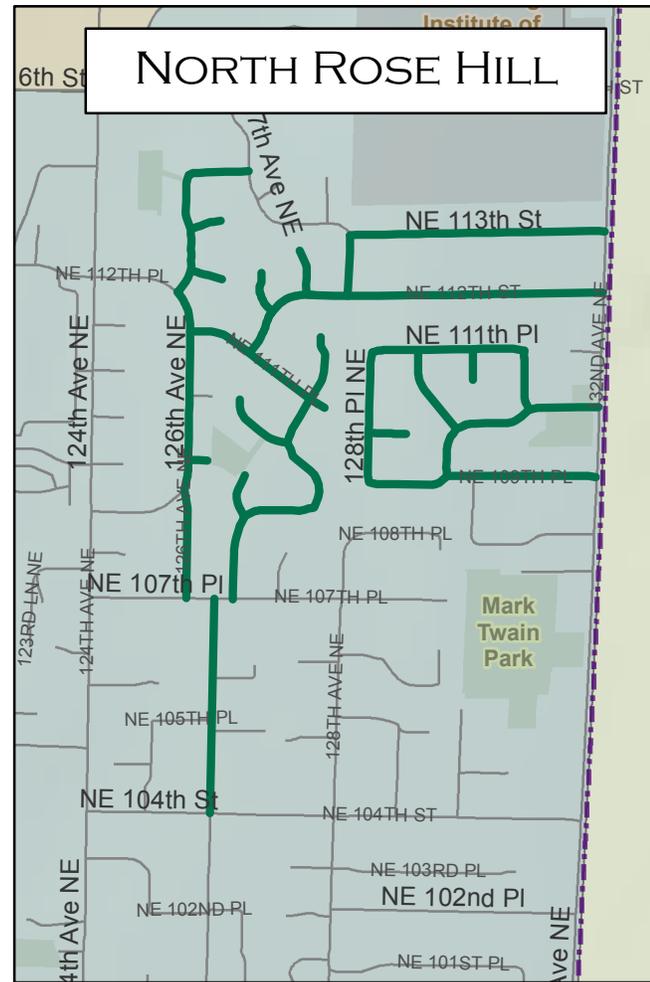
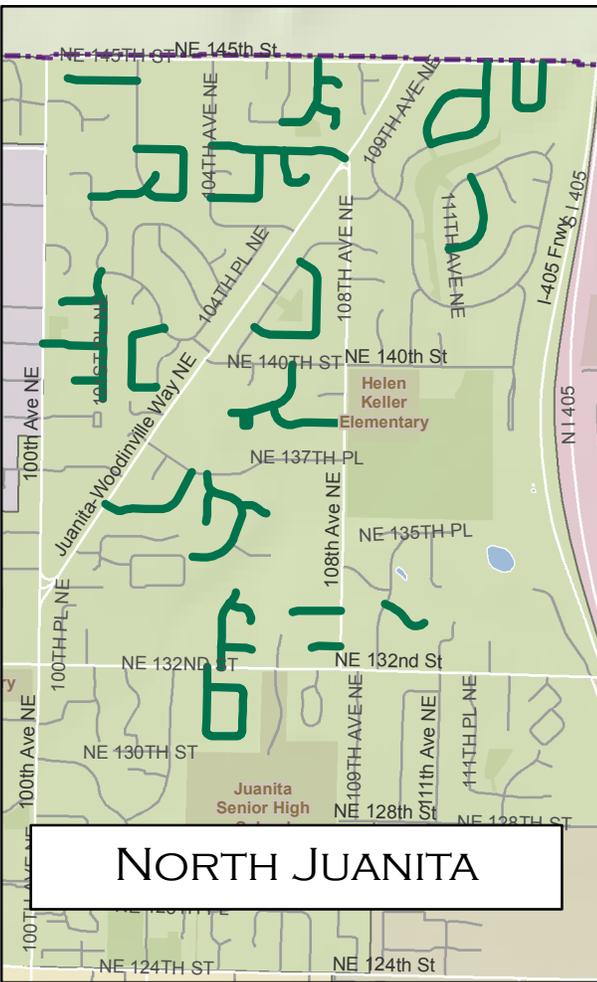
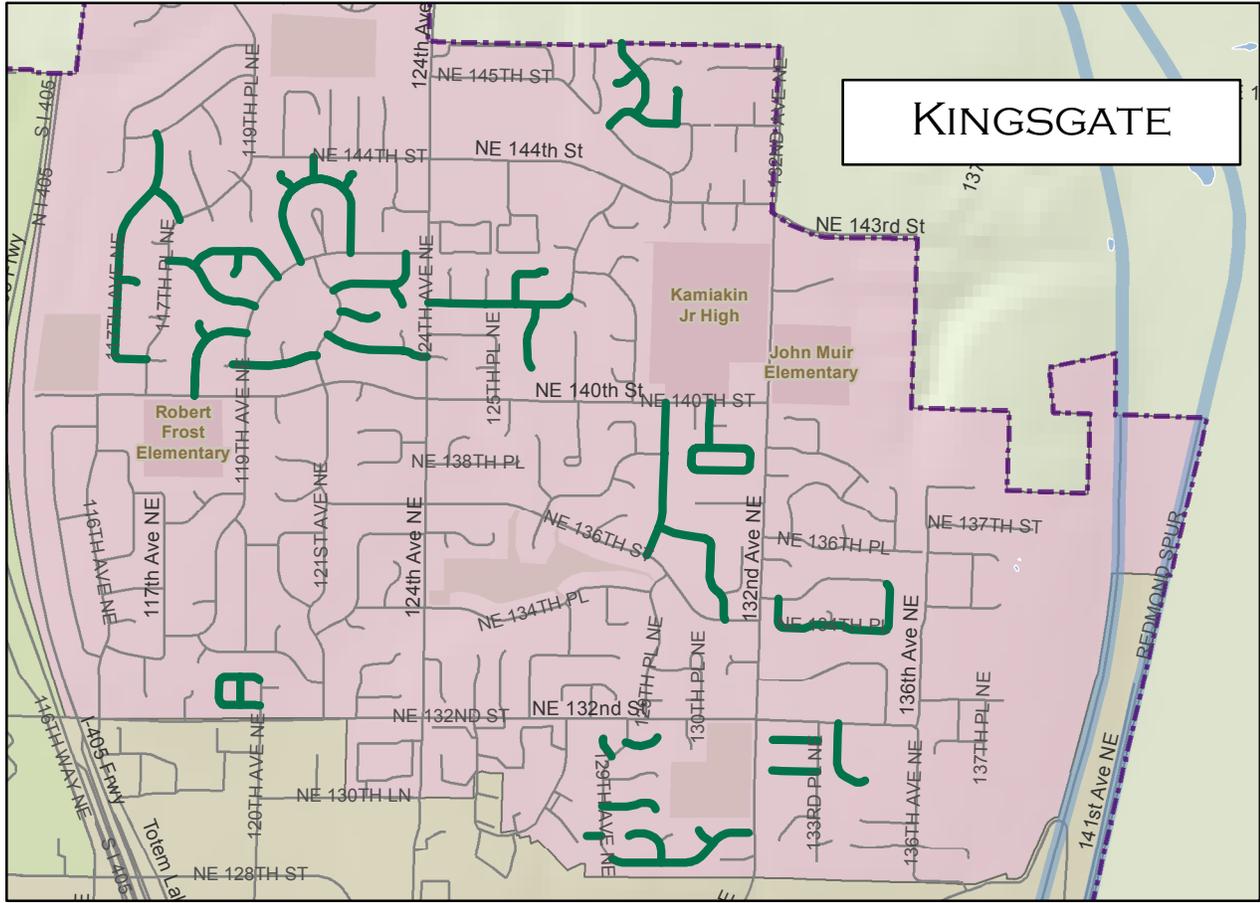
**2015
Slurry Seal
Project
CST1506**

-  2015 Slurry Seal
-  Buildings
-  Road
-  Overpass
-  Parks
-  Schools
-  Parcels
-  Major Streets
-  Streets
-  Cross Kirkland Corridor
-  Regional Rail Corridor
-  City Limits
-  Lakes



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Project Budget Report
2015 Street Preservation Program
(ST-1506)

ATTACHMENT C

