



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: December 13, 2012

Subject: 2011 Street Preservation Program
Phase I – Street Overlay Project – Accept Work

RECOMMENDATION:

It is recommended that City Council accepts the work on the 2011 Street Overlay Project, as completed by Lakeside Industries of Issaquah, WA, and establish the statutory lien period.

BACKGROUND DISCUSSION:

The Street Overlay Project was Phase I of the 2011 Annual Street Preservation Program for the maintenance and rehabilitation of the City's street network. The Project included subgrade preparation, repair, asphalt grinding, and the application of a new surface layer of asphalt applied to selected streets. The Project also included the installation of new curb ramps, as required by the Americans with Disabilities Act, and provided for the replacement of adjacent broken concrete curb and sidewalk panels. The 2011 Project included nine schedules of work resulting in the resurfacing of approximately 11 lane miles (Attachment A). Phase II of the Annual Street Preservation Program was the Slurry Seal Project, and work for that project was accepted at the November 15, 2011, City Council meeting.



Forbes Creek Drive (Juanita)

The 2011 Annual Street Preservation Program had a budget of \$2,500,000 as approved in the 2011–2016 Capital Improvement Program (CIP). For 2011, the City received a pavement mitigation payment from Northshore Utilities District (NUD) for overlay work it was required to perform as a result of its water system upgrades along a portion of 98th Avenue NE, north of NE

116th Street in the Juanita Neighborhood. In addition, Puget Sound Energy (PSE) provided a 2011 mitigation payment for asphalt pavement repair associated with work they were required to perform as a result of upgrades to their natural gas distribution system along a short section of Lake Washington Blvd. On July 20, 2010, City Council also authorized the transfer of \$90,000 from the 120th Avenue NE/NE 73rd Street Water Main Replacement project (CWA-0107) to the 2011 Street Preservation Program as an offset for the long term impacts that project's construction had on City streets.

The addition of the two external contributions, the transfer of funds from CWA-0107, and the Council approved carry-over of \$55,314.21 and \$42,169.16 from the 2009 and 2010 Street Preservation Programs respectively, resulted in a grand total budget of \$2,753,512 for the 2011 Street Preservation Program (Attachment B). Of this amount, \$2,083,198.85 was for overlay and \$240,000 was for the 2011 Slurry Seal project, and with a remaining \$110,400 contingency.

At their regular meeting of June 21, 2011, Council awarded the 2011 Street Overlay Project to Lakeside Industries Company of Issaquah, WA, in the amount of \$2,083,198.85. The construction began on July 7, 2011 and all streets, except for 98th Avenue NE, were substantially complete in October, 2011. At that time, the work was suspended due to winter weather conditions and to allow for a private development on 98th Avenue NE to complete frontage improvements ahead of the City's overlay work. The physical work started again in April, 2012, with the pavement repair and overlay, and the installation of two rectangular rapid flashing beacon (RRFB) crosswalks; the entire project was physically complete in October, 2012.

The total of all payments made to the contractor was \$2,195,721.78 with certain material quantities and labor hours for Traffic Control and Off-Duty Police Officers exceeding the estimated bid quantities since major intersections were impacted for significant periods of time. Also included in this amount was \$20,860 to install video detection units at certain intersections rather than replace the in-street loops. Transitioning to video detection is a relatively new city standard that saves money over time. The Slurry Seal project was completed at a cost of \$160,711 resulting in a nearly \$80,000 in savings. After the City Council's acceptance of the work on this Project, with all the changes accounted for, \$26,550 in remaining funds will be returned to the Street Operating Revenue Fund (Attachment B).

Attachment A: Site Map

Attachment B: Project Budget Report

2011 STREET OVERLAY PROJECT (ST-1106)

Attachment B

Project Budget Report

