



## CITY OF KIRKLAND

### Department of Public Works

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[www.kirklandwa.gov](http://www.kirklandwa.gov)

## MEMORANDUM

**To:** Kurt Triplett, City Manager

**From:** David Snider, P.E., Interim Capital Projects Manager  
Ray Steiger, P.E., Public Works Director

**Date:** November 3, 2011

**Subject:** 2011 STRIPING PROJECT -- ACCEPT WORK

### RECOMMENDATION:

It is recommended that City Council accept the work on the 2011 Striping Project performed by Road Runner Striping Company of Puyallup, Washington, and establish the statutory lien period.

### BACKGROUND DISCUSSION:

The purpose of the Annual Striping Program is to maintain the pavement markings that define safe and visible travel paths for motorists, bicyclists, and pedestrians. For 2011, the Striping Program included the restriping of vehicle lane lines, bike lanes, and public parking stalls, as well as replacing worn crosswalk markings, intersection stop lines, turn arrows and other on-pavement symbols. Shared lane bicycle markings (commonly known as "sharrows") and thermoplastic school legends were also installed on multiple arterials.

This year, thermoplastic bike detection symbols were installed at signalized intersections along Lake Washington Boulevard, Juanita Drive, and NE 70<sup>th</sup> Street. The bike detection symbols were positioned at optimum locations where bicyclists will better activate signal controllers, as appropriate, to favor the bike rider with a green signal phase. Bicycle detection improves efficiency, decreases delay to bicyclists, and discourages red light running by cyclists without causing undue delays to motorists.



Typical Bike Detection Symbol

At their regular meeting of June 7, 2011, City Council awarded the 2011 Striping Project contract to Road Runner in the amount of \$200,647. Due to the wetter than normal summer, the striping did not start until mid-July which is much later than previous years. The later than normal start lead to the Project's initial phase not being complete until fall, and it was subsequently determined that the Project's Phase two work, the freshening of arterial striping before the dark winter months, was not feasible nor warranted. As a result, a deductive change order was issued in the amount of \$35,000; the total amount paid to the contractor, including change orders, was \$151,627.08 (Attachment A).

The Striping Program is a CIP Project with an annual budget of \$250,000. With contributions for 2011 coming from the Facilities budget (\$2,250 for the striping of City facility parking lots) and other transportation funds (\$1,500 for off-street parking) the total budget for 2011 is \$253,750. The overall Project costs, including the design, public outreach, inspection, contract administration and construction will be approximately \$195,000, resulting in a net Project balance of nearly \$59,000.

Staff recommends that the remaining funds be added to the 2012 Striping Project in order to have additional funds for striping needs in the new neighborhoods of Juanita, Finn Hill and Kingsgate. During the 2013 – 2018 CIP process, the budget for the Annual Striping Program will be evaluated and adjusted to fully address the striping needs of the entire City.

Attachment: (1)

**2011 ANNUAL STRIPING PROGRAM  
(CST -1180)  
PROJECT BUDGET REPORT**

**Attachment A**

**PHASE**

