



## CITY OF KIRKLAND

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### MEMORANDUM

**To:** David Ramsay, City Manager

**From:** Daryl Grigsby, Public Works Director  
Ray Steiger, P.E., Capital Projects Manager

**Date:** December 1, 2005

**Subject:** ANNUAL STREAMBANK STABILIZATION PROJECT- ACCEPT WORK

#### RECOMMENDATION:

It is recommended that City Council accept the 2004 Annual Streambank Stabilization Project, as constructed by Shoreline Construction Co., Woodinville, WA, and establish the 45 day lien period.

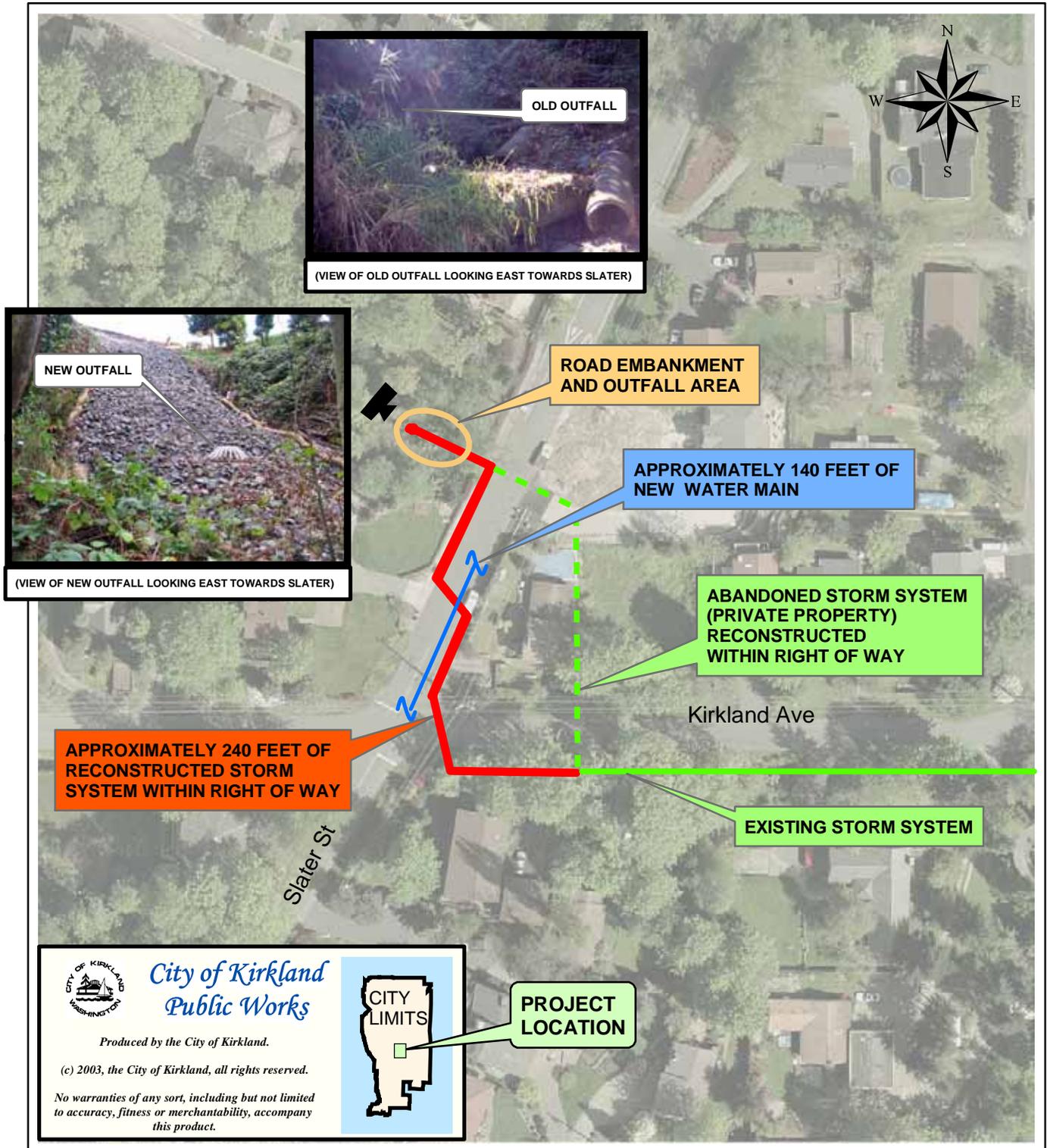
#### BACKGROUND AND DISCUSSION:

The 2004 Annual Streambank Stabilization Project improved an existing undermined stormwater outfall and redirected 240 feet of City storm line from private property in a portion of Kirkland's Everest Neighborhood. In addition, 140 feet of 8" existing watermain was replaced (Attachment A). This particular storm system conveys surface water collected from I-405 and the surrounding residential area, through an energy dissipater at the bottom of a road embankment before discharging it into a small tributary upstream of Lake Washington.

At their regular meeting on September 6, 2005, Council awarded the contract for this project to Shoreline Construction Co. in the amount of \$305,096.96; the engineers estimate was \$302,000.00. Construction began October 3rd and was substantially complete on November 15, 2005; \$234,508.61 was paid to the Contractor (Attachment B). The total amount paid to the contractor was substantially reduced due to their ability to access all of the streambank stabilization work area from the roadway above (Slater Street). The contractor used an excavator with a 60 foot boom to reach the bottom of the work area thus eliminating the need for a temporary access road and all associated restoration work efforts. As a result, there was a total construction cost savings of over \$70,000, and all remaining funds will be returned to the surface water utility reserve.

Attachments: (2)

# ANNUAL STREAMBANK STABILIZATION PROJECT SLATER STREET/CEDAR STREET Project Information Map



# PROJECT BUDGET REPORT

(Annual Streambank Stabilization Project-Slater Street/Cedar Street)

