



CITY OF KIRKLAND
Department of Public Works
123 Fifth Avenue, Kirkland, WA 98033 425.587.3809
www.ci.kirkland.wa.us

MEMORANDUM

To: David Ramsay, City Manager

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

Date: November 6, 2008

Subject: JUANITA CREEK BANK STABILIZATION PROJECT – ACCEPT WORK

RECOMMENDATION:

It is recommended that City Council accept the Juanita Creek Bank Stabilization project as constructed by Westek Forest, LTD of Olympia, WA and establish the 45 day lien period.

BACKGROUND AND DISCUSSION:

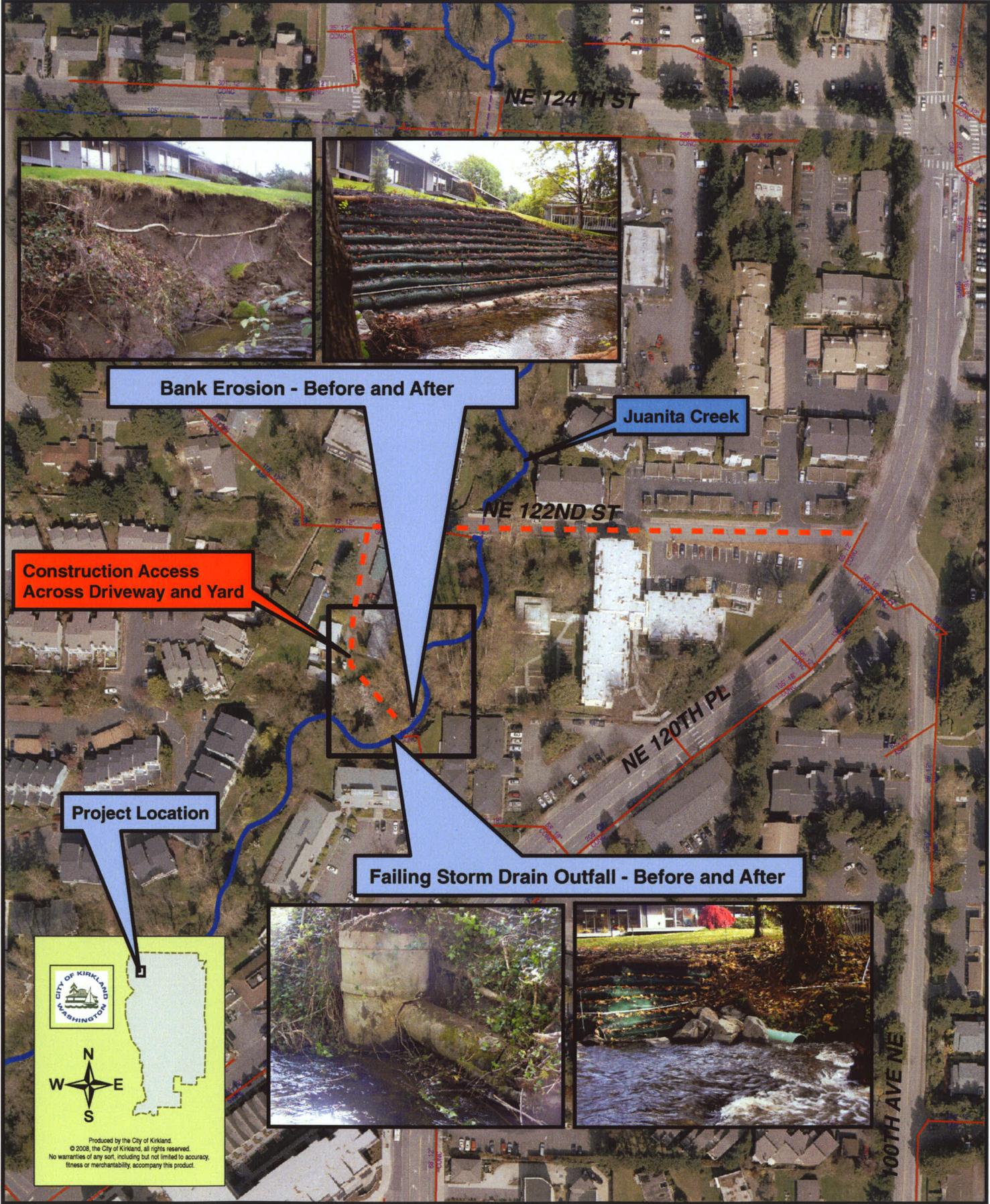
The Juanita Creek Bank Stabilization project includes the use of bioengineered methods to stabilize a severely eroded stream bank and failing storm drain outfall along Juanita Creek, located downstream of NE 122nd Street (Attachment A). The improvements include: installation of a structural earth wall, rock and log grade control structures, and surface restoration by removing invasive plants and replanting with native vegetation within the work area.

At their meeting on May 20, 2008, Council awarded the Project to Westek Forest, LTD in the amount of \$170,200.50. Construction began July 7, 2008 and was substantially completed August 7, 2008. Total payments to the Contractor were \$196,826.77. The additional \$27,000 in payments to the contractor came as a result of one change order for additional mitigation efforts required to appease the private property owner who had granted a temporary ingress-egress easement to the City and for material quantity over-runs. The total project budget is \$356,800, and the total project costs were \$345,000 leaving a balance of \$11,800 that will be returned to the Surface Water Utility Reserve (Attachment B).

Similar to other stream restoration/bank stabilization projects, many of which are along this area of Juanita Creek, the site will be monitored and maintained for five years to ensure plant establishment and to observe the performance of the newly constructed earth wall and grade control structures. During the monitoring and maintenance period, staff will document plant survival rates and replace any plants that have not survived as well as remove all invasive non-native plants.

With Council acceptance of the work at their November 18th meeting, the Contractor's 45-day lien period will begin.

Site Map Juanita Bank Stabilization SD-0060



Produced by the City of Kirkland.
 © 2008, the City of Kirkland, all rights reserved.
 No warranties of any sort, including but not limited to accuracy,
 fitness or merchantability, accompany this product.

**JUANITA CREEK BANK STABILIZATION (SD-0060)
PROJECT BUDGET REPORT**

