

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2015 TO 2020**

PROJECT #	SD 8888 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	ANNUAL STREAMBANK STABILIZATION PROGRAM		
PROJECT LOCATION	City-wide	PROJECT START	PROJECT STATUS
		Ongoing	Modified Project

DESCRIPTION/JUSTIFICATION

Goals of the streambank stabilization program are to provide the public benefits of improved water quality and decreased flooding by stabilizing and restoring stream channels which may in many cases be located on private property. Most common stabilization methods will be upstream detention and in-stream stabilization/restoration using bioengineering techniques. Candidate projects under this Annual Program include: SD 0061 - Everest Park Stream Channel/Riparian Enhancements, SD 0045 - Carillon Woods Erosion Control Measures, SD 0062 - Street Flood Control Measures at Kirkland Post Office, SD 0056 - Forbes Creek Ponds Fish Passage/Riparian Plantings and SD 0052 - Forbes Creek/ Slater Ave Embankment Stabilization.

REASON FOR MODIFICATION (WHERE APPLICABLE)

Total project cost changed from \$1,342,900 to \$44,200, which reflects available remaining funds after funded projects have been identified.

POLICY BASIS
Surface Water Master Plan
COUNCIL GOALS
Environment
Dependable Infrastructure

METHOD OF FINANCING (%)	
Current Revenue	100 %
Reserve	0 %
Grants	0 %
Other Sources	0 %
Debt	0 %
Unfunded	0 %

CAPITAL COSTS	Prior Year(s)	2015	2016	2017	2018	2019	2020	2015-2020 TOTAL	Future Year(s)	Total Project
Planning/Design/Engineering	0	7,000	0	0	0	0	0	7,000	0	7,000
In-House Professional Svcs.	0	4,000	0	0	0	0	0	4,000	0	4,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	33,200	0	0	0	0	0	33,200	0	33,200
Comp. Hardware/Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
Total	0	44,200	0	0	0	0	0	44,200	0	44,200
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
Amount of public disruption and inconvenience caused	<i>Variable - most of the project will be located off City streets.</i>
Community economic impacts	<i>Would protect adjacent and downstream properties from erosion and/or flood damage.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Would improve water quality and reduce potential for flooding.</i>
Responds to an urgent need or opportunity	<i>Project on private property may in many cases provide more cost effective solutions to City-wide problems than solutions constructed entirely within City right of way.</i>
Feasibility, including public support and project readiness	<i>Most projects will require easements from private property owners, and will require Washington State Department of Fish & Wildlife and Corps of Engineers permits in addition to State Environmental Policy Act (SEPA) review.</i>
Conforms to legal or contractual obligations	<i>Will be designed and constructed per professional and legal standards and guidelines.</i>
Responds to state and/or federal mandate	<i>Consistent with the intent of the Puget Sound Water Quality Management Plan.</i>
Benefits to other capital projects	<i>Would protect and improve the effectiveness of publicly owned surface water infrastructure by reducing sedimentation and flooding.</i>
Implications of deferring the project	<i>Continued erosion that may cause sedimentation and flood damage.</i>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	Name of Neighborhood(s) in which located: <i>City-wide</i> Is there a specific reference to this project or land use in the immediate vicinity? <i>No</i> How does the project conform to such references? Attachment <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<input checked="" type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input type="checkbox"/> Project provides new capacity. Amount of new capacity provided: <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.