

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

PROJECT #	SD 0062 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	STREAM FLOOD CONTROL MEASURES AT KIRKLAND POST OFFICE		
PROJECT LOCATION	Post Office Creek, adjacent to the Post Office parking lot near 10th Street at 5th Avenue	PROJECT START	PROJECT STATUS
		Undetermined	Existing Project

DESCRIPTION/JUSTIFICATION

Flooding of business park property along Post Office Creek, above the Kirkland Post Office property, has occurred due to heavy weed/grass growth in the channel, a 90-degree channel turn and an undersized culvert. The channel also has poorly vegetated banks and requires ongoing dredging. This project will improve or remove the culvert under the Post Office property fence, improve riparian vegetation along the reach upstream of the culvert, remove blackberries and weeds, and replant native vegetation in an effort to reduce the frequency and magnitude of flooding, and eliminate the need for future dredging. This is a candidate project included as a component of the Annual Streambank Stabilization Program Project, SD 8888.

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS
Surface Water Master Plan

COUNCIL GOALS
Environment
Dependable Infrastructure

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

CAPITAL COSTS	COSTS TO BE FUNDED
Planning/Design/Engineering	89,700
In-House Professional Svcs.	43,400
Land Acquisition	0
Construction	212,300
Comp. Hardware/Software	0
Equipment	0
Other Services	0
Total	345,400
NEW MAINT. AND OPER.	0
NEW FTE	0.00

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CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
Amount of public disruption and inconvenience caused	<i>This creek runs adjacent to a public pedestrian pathway that would necessitate closure during construction that is anticipated to last approximately three to four weeks; alternate routes are located nearby.</i>
Community economic impacts	<i>Would reduce the potential for property damage, loss of business and road closures due to localized flooding, channel migration/incision, and sedimentation of stormwater infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Localized flooding/environmental degradation will continue if the sedimentation along this stretch of unnamed creek is not addressed. Proposed riparian/channel enhancements would provide aquatic/terrestrial/avian habitat benefits and aesthetically pleasing community green/open space. The location of this project would provide the opportunity for public education relating to natural resources stewardship and stormwater quality.</i>
Responds to an urgent need or opportunity	<i>This project is identified in the Surface Water Master Plan.</i>
Feasibility, including public support and project readiness	<i>During the design development and community involvement process, the access and delivery needs of the neighbors will be addressed. This project does not present significant engineering issues. Permitting and environmental issues will be addressed during design.</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>Environmental and habitat enhancement for fish including native cutthroat and other species is consistent with the Endangered Species Act.</i>
Benefits to other capital projects	<i>None identified.</i>
Implications of deferring the project	<i>Continued flooding, sedimentation, channel migration/incision, habitat degradation, reduction of downstream conveyance capacity, damage to downstream capital projects and possible violations of state and/or federal stormwater regulations.</i>
CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN	Name of Neighborhood(s) in which located: <i>Moss Bay</i> Is there a specific reference to this project or land use in the immediate <i>No</i> How does the project conform to such references? Attachments <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.