

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

PROJECT #	SD 0051 000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	FORBES CREEK / KING COUNTY METRO ACCESS ROAD CULVERT ENHANCEMENT		
PROJECT LOCATION	Adjacent to the 11100 block of Forbes Creek Drive at Forbes Creek	PROJECT START	PROJECT STATUS
		Undetermined	Modified Project

DESCRIPTION/JUSTIFICATION			
<p>An existing 12-foot-wide bottomless arch culvert conveys Forbes Creek under a King County sewer easement access road, approximately 145 yards upstream of Forbes Creek Drive and is in need of repair. The stream has eroding under the culvert footings, a hanging outfall at the downstream end of the culvert has created a fish blockage and the gabion walls on the upstream end of the culvert are collapsing. Corrective measures include the installation of log-boulder grade controls to promote channel aggradations up to and inside the culvert, placement of aggraded gravel to protect the eroding footings, repair to the gabion wall and stabilization of the adjacent streambanks.</p>			

REASON FOR MODIFICATION (WHERE APPLICABLE)	
Moved from Funded consistent with updated prioritization per the 2014 Surface Water Master Plan.	

POLICY BASIS	METHOD OF FINANCING (%)	
Surface Water Master Plan	Current Revenue	0 %
	Reserve	0 %
	Grants	0 %
	Other Sources	0 %
	Debt	0 %
	Unfunded	100 %

CAPITAL COSTS	COSTS TO BE FUNDED
Planning/Design/Engineering	191,000
In-House Professional Svcs.	89,000
Land Acquisition	0
Construction	1,010,900
Comp. Hardware/Software	0
Equipment	0
Other Services	0
Total	1,290,900
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>None. This project is located outside of the public right of way and is not adjacent to any private residents or commercial activity.</i>
Community economic impacts	<i>N/A</i>
Health and safety, environmental, aesthetic, or social effects	<i>Project will stabilize the existing footings that support an existing 12 foot culvert, improve fish passage, and stabilize the bank on the upstream end of the culvert that if unchecked could fail at a future date.</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>A number of projects are identified in the Forbes Creek basin; this is one element of those improvements.</i>
Implications of deferring the project	<i>Possible erosion leading to failure of existing facilities; failure of King County Sewermain.</i>
CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN	Name of Neighborhood(s) in which located: <i>South Juanita</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.