

**FY2015-2021 Capital Investment Program**

**D-106 Lower Coal Creek Flood Hazard Reduction Phase 1**

Category: **Storm Drainage**  
 Department: **Utilities**

Status: **Ongoing**  
 Location: **Newport Shores Neighborhood**

**Programmed Expenditures**

<b>Programmed Expenditures</b>	<b>Appropriated To Date</b>	<b>FY 2015 Budget</b>	<b>FY 2016 Budget</b>	<b>FY 2017 Budget</b>	<b>FY 2018 Budget</b>	<b>FY 2019 Budget</b>	<b>FY 2020 Budget</b>	<b>FY 2021 Budget</b>
<b>8,095,889</b>	<b>466,889</b>	<b>300,000</b>	<b>600,000</b>	<b>200,000</b>	<b>2,177,000</b>	<b>2,176,000</b>	<b>2,176,000</b>	<b>-</b>

**Description and Scope**

This project will design and construct project(s) to reduce flooding from the Newport Shores reach of Coal Creek, located between I-405 and Lake Washington. A preliminary engineering study to identify and assess alternatives is underway, to establish how best to reduce flooding during storm events. The project budget includes one or more of the following: increased storage capacity at the I-405 regional pond, replacement of the five existing culverts downstream of the pond, targeted stream bank erosion protection, and improvements to the local storm drainage network. The schedule has been revised to reflect design in 2015-16; permitting in 2016-17, and construction of improvements between 2018 and 2020.

**Rationale**

The project, recognized as a regional need by the King County Flood Control Zone District (KCFZD), is intended to improve flood protection to the Newport Shores neighborhood. Coal Creek becomes a flooding hazard when flood waters overtop the embankments along the stream, or when existing culverts cannot convey the stream flow during major storm events. Flood hazard threat is greatest when upstream detention facilities are completely full, and begin to overflow.

Flooding is usually associated with major winter storms, is widespread, and even affects homes that are not adjacent to the stream. City records include 65 flooding instances in Newport Shores, dating back to 1994, at 25 separate addresses.

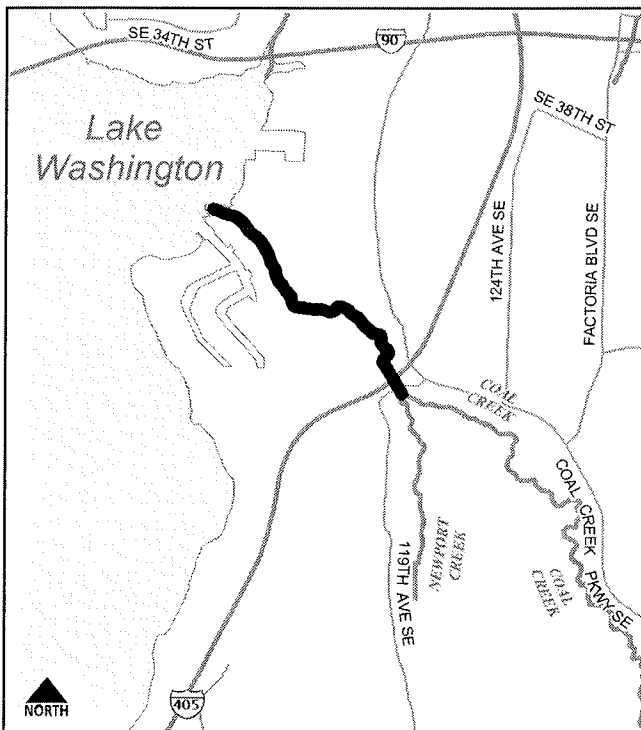
This project is included in the KCFZD's capital program, which will provide full funding for this project. Bellevue will implement the project. A later phase may include increasing in-stream conveyance capacity of Coal Creek. That work is not yet scheduled or funded in the KCFZD capital improvements plan.

**Environmental Impacts**

The project will require SEPA review to identify environmental impacts and appropriate mitigation. Once constructed, the project will improve environmental impacts by reducing flood-caused damage to streams and nearby properties. The riparian habitat will be improved.

**Operating Budget Impacts**

**Project Map**



**Schedule of Activities**

<b>Project Activities</b>	<b>From - To</b>	<b>Amount</b>
Project Costs	2013 - 2020	8,095,889

**Total Budgetary Cost Estimate:** 8,095,889

**Means of Financing**

<b>Funding Source</b>	<b>Amount</b>
Interlocal Contributions	7,846,692
Utility Rates/Fees	249,197

**Total Programmed Funding:** 8,095,889  
**Future Funding Requirements:**

**Comments**