

## FY2015-2021 Capital Investment Program

**D-94 Flood Control Program**

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

Status: **Ongoing**  
 Location: **Various locations throughout the City**

## Programmed Expenditures

Programmed Expenditures	Appropriated To Date	FY 2015 Budget	FY 2016 Budget	FY 2017 Budget	FY 2018 Budget	FY 2019 Budget	FY 2020 Budget	FY 2021 Budget
<b>13,862,973</b>	<b>5,753,973</b>	<b>1,113,000</b>	<b>725,000</b>	<b>1,248,000</b>	<b>1,519,000</b>	<b>1,914,000</b>	<b>939,000</b>	<b>651,000</b>

## Description and Scope

This ongoing program constructs improvements to reduce or eliminate flooding caused by insufficient public drainage system capacity. Projects involve enlarging pipes or culverts to convey more stormwater, re-routing drainage to pipes with more capacity, adding detention or infiltration facilities, or other runoff control strategies. Candidate sites are wherever levels of service (LOS) for flood protection are not met. The following sites have projects in progress or have been identified for future improvements, and are presented in priority order. They will be prioritized for implementation with any others that become apparent as a result of storm or system analysis:

1. Valley Creek / NE 21st Flood control (in progress)
2. Post construction monitoring on Coal Creek Upper Reach, Lower Coal Creek Sed. Pond, Sunset / SE 30th St Flood Control
3. Factoria Boulevard Conveyance Improvements
4. Meydenbauer Basin / CBD Conveyance Improvements
5. Wolverine Drive Flood Control Project
6. North Sammamish Flood Improvements
7. Overlake Overflow / NE 20th Street Improvements
8. Sunset Creek / Garden Brook
9. 156th Ave SE & SE 4th St. Storm Drainage Improvements
10. Phantom / Larson Lake Channel Regrade

The SE Newport Way Culvert Replacement Project previously on this list has been deleted. King County completed repairs at the site prior to Bellevue's annexation of the area. Kelsey Creek/SE 7th Street Flood Control was also removed from the list. Field investigation suggests that enhanced maintenance at that site may result in significant improvement. If further channel or culvert work is needed, it will be considered for addition of the project list during a future CIP update.

## Rationale

Established level-of-service targets for protection from flooding are intended to prevent flooding of structures, flooding which restricts access to residences or businesses, or street flooding, particularly on primary emergency. Such flooding impacts public safety and causes property damage. Proposed flood control projects are prioritized based on risk (frequency and consequence of flooding) and are completed as resources are available. King Co Flood Control Zone District contributions supplement local rate revenue to fund this project.

## Environmental Impacts

An environmental determination will be made in conjunction with preliminary design of each project within this program. Reduced flooding will result in less environmental damage associated with erosion and sedimentation, and other flood-related damage.

## Operating Budget Impacts