

FY2019-2025 Capital Investment Program

D-94 Flood Control Program

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

Status: **Ongoing**
 Location: **Storm and Sewer Service Area**

Programmed Expenditures

Programmed Expenditures	Appropriated To Date	FY 2019 Budget	FY 2020 Budget	FY 2021 Budget	FY 2022 Budget	FY 2023 Budget	FY 2024 Budget	FY 2025 Budget
17,064,973	11,274,973	1,527,000	49,000	326,000	675,000	1,876,000	662,000	675,000

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; 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. Lower Coal Creek Sed. Pond, Sunset / SE 30th St Flood Control; 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 to the project list during a future CIP update.

Rationale

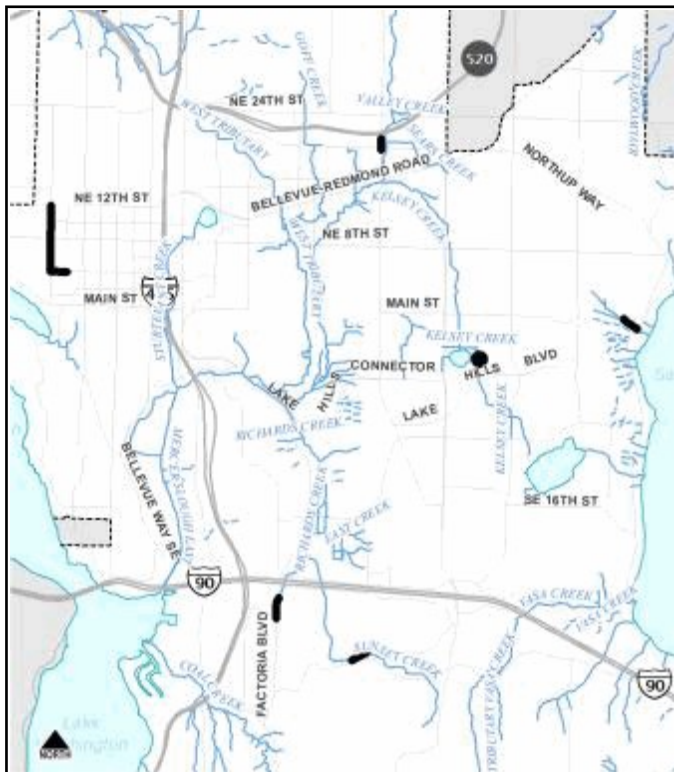
This program along with others in this proposal open salmon access to existing functional habitat, one of the quickest methods to increase salmon populations; helps stabilize streams and improve habitat consistent with Council-approved Lake Washington / Cedar / Sammamish Chinook Salmon Recovery Plan; improves water quality that limits fish viability; protects properties from flooding of structures, flooding which restricts access to residences or businesses, and street flooding that impacts primary emergency routes; restores streams for recreation and environmental health in the redeveloping Bel-Red Corridor; and reduce the potential for sewage overflow to surface water bodies.

Environmental Impacts

The long term environmental impacts of each program/project are positive in that they improve or protect stream health and habitat, or eliminate environmental damage caused by flooding. Projects may increase the potential for erosion or siltation during construction. Appropriate environmental review (SEPA) and permits (Critical Areas, Hydraulic Project Approval, US Army Corps) are required for most projects.

Operating Budget Impacts

This program will have no significant impact on operating revenues and/or expenditures.

Project Map**Schedule of Activities**

Project Activities	From - To	Amount
Project Costs	Ongoing	17,064,973

Total Budgetary Cost Estimate: 17,064,973

Means of Financing

Funding Source	Amount
Interlocal Contributions	4,800,000
Utility Rates/Fees	12,264,973

Total Programmed Funding: 17,064,973

Future Funding Requirements:

Comments