

FY2017-2023 Capital Investment Program

D-81 Fish Passage Improvement Program

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

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

Programmed Expenditures

Programmed Expenditures	Appropriated To Date	FY 2017 Budget	FY 2018 Budget	FY 2019 Budget	FY 2020 Budget	FY 2021 Budget	FY 2022 Budget	FY 2023 Budget
7,653,895	4,783,895	418,000	461,000	174,000	467,000	236,000	607,000	507,000

Description and Scope

This ongoing program provides funding to remove fish passage barriers such as impassable culverts, debris jams, or accumulated sediment, allowing access to critical spawning and rearing habitat for salmon populations. Typical projects include culvert replacement or modification, debris removal, or installation of logs and boulders to improve access at low stream flows. Grant money is pursued to supplement Bellevue's investment whenever possible. Projects planned for this CIP window are on Kelsey Creek at 140th Ave NE; on Yarrow West Tributary; on Newport Creek; at Mercer/Alcove Creek, and on Yarrow East Tributary.

Rationale

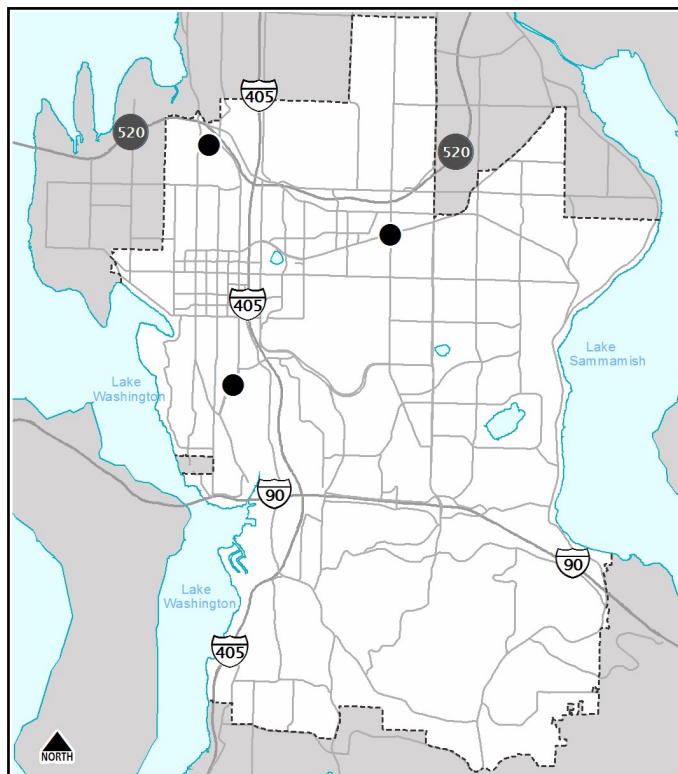
This program along with others in this proposal open salmon access to existing functional habitat, one of the quickest methods to increase salmon populations; helps stabilize streams and improve habitat consistent with Council-approved Lake Washington / Cedar / Sammamish Chinook Salmon Recovery Plan; 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

Ongoing maintenance programs for stream projects are not currently in place. This has been identified as a future need that will be reviewed during the next CIP Plan update.

Project Map**Schedule of Activities**

Project Activities	From - To	Amount
Project Costs	Ongoing	7,653,895

Total Budgetary Cost Estimate: 7,653,895

Means of Financing

Funding Source	Amount
Utility Rates/Fees	7,653,895

Total Programmed Funding: 7,653,895
Future Funding Requirements:

Comments