

D-81 Fish Passage Improvement Program

Category: Storm Drainage
 Department: Utilities

Status: Ongoing
 Location: Various fish production streams 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
5,962,895	3,590,895	752,000	201,000	421,000	413,000	196,000	366,000	23,000

Description and Scope

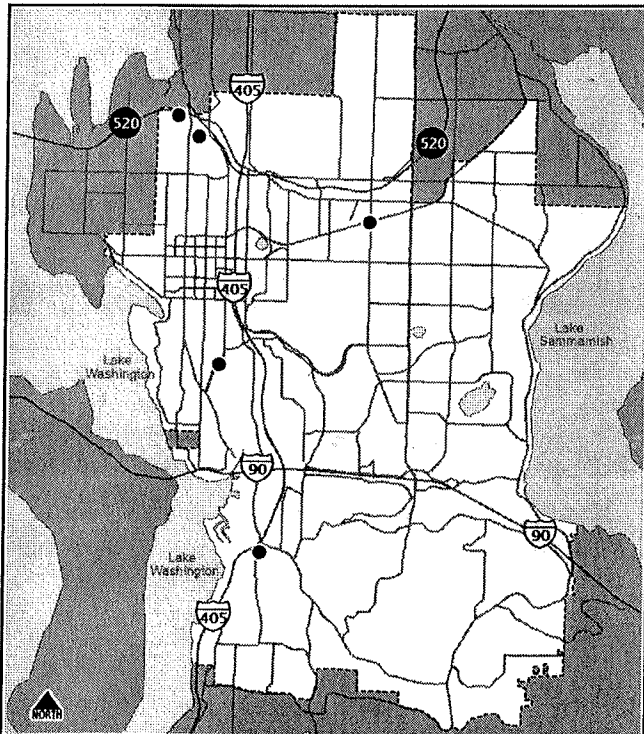
This ongoing program provides funding to remove fish passage barriers such as impassable culverts, debris jams, or accumulated sediment, allowing access to critical spawning and rearing habitat for salmon populations. Typical projects include culvert replacement or modification, debris removal, or installation 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

State standards for culvert replacement are becoming increasingly stringent. This program allows salmon access to existing functional habitat, one of the quickest methods to increase salmon populations. It supports the community's vision for fishable waters, and regional efforts to protect and enhance salmon populations. Bellevue is obliged by state law to provide fish passage at all road crossings. Historically, enforcement of the regulations has occurred primarily when modifications were needed at road culverts.

Environmental Impacts

Projects in this ongoing program will increase the potential for erosion and siltation during construction. An environmental checklist (SEPA) and Critical Areas permit, a Hydraulic Project Approval from the Washington Department of Fish and Wildlife, and US army corp permits are typically required. Riparian vegetation will be removed and replaced in order to construct the improvements. New fish passage designs allow stream processes, such as movement of wood and sediment, to occur more naturally.

Operating Budget Impacts**Project Map****Schedule of Activities**

Project Activities	From - To	Amount
Project Costs	2000 - 2021	5,962,895

Total Budgetary Cost Estimate: 5,962,895

Means of Financing

Funding Source	Amount
Federal Grants	50,000
Interlocal Contributions	50,000
Judgements/Settlements	135,000
Miscellaneous Revenue	1,000
Utility Rates/Fees	5,726,895

Total Programmed Funding: 5,962,895

Future Funding Requirements:

Comments