

PROJECT BUDGET NAME: Academy Road Stormwater Improvements PBB 364100

Reporting Quarter/Year: 2021 Q4

DEPARTMENT: Public Works

Project Description

This project is an upgrade to the original project and is intended to resolve issues that have prevented the original project from meeting the desired water quality treatment objectives.

The original project, constructed in 2015, was a collaboration between Whatcom County and the City of Bellingham, for the treatment of runoff from approximately 80 acres. Project elements include a pretreatment unit, media filtration system, high flow bypass, and a vegetated buffer along the lake front.

Permits Required

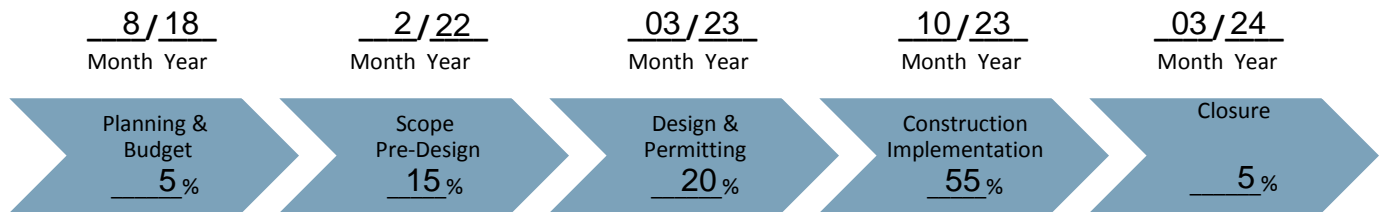
HPA, SEPA, Corps of Engineers, CLR/CAO, Shorelines

Project Status

There have been some performance issues with the level of treatment provided by the original system. Based on observed problems, in 2018/19 the system was evaluated to determine what actions could be taken to improve treatment performance. Minor modifications were made to internal flow direction and in 2020, a storm pipe was placed in an open drainage ditch to reduce excessive erosion based sediment that had been fouling the treatment cells. Flow monitoring was done in 2020 and 2021 to get a more accurate assessment of system flow volume.

The upgrade project is including City of Bellingham staff involvement. In 2021 a design firm was selected to provide a design for upgrading the current treatment system. All contract scopes and deliverables are jointly reviewed by Whatcom County and City of Bellingham staff. Preliminary site review and analysis has occurred this quarter. Design will continue through 2022 with construction slated for 2023.

Estimated Completion Date (mo./yr.) and % Weight of Each Phase ; Total % Complete Overall Project



Total 20 % Complete Overall Project

Funding Sources

Source	Original Funding	Amendments	Current Funding
Federal	\$ 0	\$ 0	\$ 0
State	\$ 0	\$ 915,070	\$ 915,070
Local	\$ 1,109,000	-\$ 733,235	\$ 375,765
Total	\$ 1,109,000	\$ 181,835	\$ 1,290,835

Project Budget Status

Description	Original Budget	Amendments	Current Budget	Life to Date 12/31/2021	%	Remaining Balance
Revenue	\$ 1,109,000	\$ 181,835	\$ 1,290,835	\$ 1,244,001	96.4%	\$ 46,834
Expenditure	\$ 1,109,000	\$ 181,835	\$ 1,290,835	\$ 1,149,942	89.1%	\$ 140,893

*Estimated percent complete represents the approximate proportion of time toward project completion beginning with creation of project budget.