# FY2015-2021 Capital Investment Program

# S-69 Meydenbauer Bay Park Sewer Line Replacement

Category:

Sewer

Status: New

Department: Utilities

Location: Meydenbauer Beach Park

Programmed Expenditures										
Programmed	Appropriated	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021		
Expenditures	To Date	Budget	Budget	Budget	Budget	Budget	Budget	Budget		
2,501,000	-	62,000	286,000	1,888,000	265,000	•	-	•		

### **Description and Scope**

This project will replace the poor condition sewer line currently under Meydenbauer Bay with a new pipe located on land through the Meydenbauer Bay Park. This project was previously included in the scope of S-58; it has been separated for improved transparency and accountability. The project schedule has been delayed until 2017 to better coordinate with Meydenbauer Bay Park development. The project cost has been revised based on improved engineering estimates.

### Rationale

The Meydenbauer Bay sewer pipe is some of Bellevue's oldest sewer lake-line, and is constructed primarily of Asbestos Cement (AC) pipe, which is known to deteriorate more rapidly than cast iron pipe, shich comprises the bulk of in-lake pipe. Video inspection in 2007 of an on-shore portion near Meydenbauer Bay revealed a large hole in the crown of the pipe, and showed that cleaning operations have thinned the AC pipe walls and / or broken off pieces of the pipe. The opportunity to replace the pipe on city-owned land minimized environmental impacts and simplifies construction.

### **Environmental Impacts**

This project will replace a pipe under Meydenbauer Bay that is in poor condition. If the pipe failed, sewage would spill into the lake. The new pipe will have a much lower likelihood of failure, and less likelihood of harming lake water quality. This project requires SEPA determination (received a DNS), together with Shoreline Substantial Development permit, Corp permit, and Hydraulic Project Approval, a Washington State cultural resources review, in addition to local permits.

# **Operating Budget Impacts**

Project Map						
LAKE WASH BI VONE	6 NE 5	ST	NE			
100 W						
Meydenbaue, Bay denbaue,	39/	LEVUE PL	1ST			
	To a contract of the contract	WAY WAY	101 AV SE			
NORTH SHOWELAWD	87 A) (80		102			

Project Activities	From - To	Amount
Project Costs	2015 - 2018	2,501,000

Schedule of Activities

Total Budgetary Cost Estimate:

Means of Financing

2,501,000

Funding Source
Utility Rates/Fees

2,501,000

**Amount** 

Total Programmed Funding: Future Funding Requirements:

2,501,000

Comments