

S-16 Sewer Pump Station Improvements

Category: **Sewer**
Department: **Utilities**

Status: **Ongoing**
Location: **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
22,497,155	14,704,155	1,307,000	815,000	1,204,000	1,402,000	1,212,000	839,000	1,014,000

Description and Scope

This ongoing program funds rehabilitation of the 36 pump and 10 flush stations in Bellevue's wastewater system. Stations are prioritized based on the risk and consequence of failure, maintenance and operations experience, pump station age, and coordination with other projects. Stations scheduled for work in 2015-21 include: Lake Heights, Wilburton, Cedar Terrace, Lake Hills #17, Cozy Cove, Parkers, Evergreen East, Evergreen West, Fairweather, Hunt's Point, Lake Hills #6, and Lake Hills #7. Historically this program funded rehabilitation of one station per year. Two stations/year are planned beyond 2017 since the electrical and mechanical equipment in them will have reached their 25-30 year useful life. Analysis of 25 stations is currently underway to improve the forecast needs for schedule and cost, and could result in reprioritization of scheduled stations.

Rationale

Sewer infrastructure rehabilitation and replacement is based on asset criticality and business risk, per industry best practices. In the short term, this program reduces the likelihood of catastrophic system failures, damage claims, and sharp rate increases to react to failures rather than proactively managing the system. In the long term, timely replacement or repair of wastewater facilities keeps customer rates as low as practical by managing the system at the lowest life-cycle cost, while maintaining service levels and meeting regulatory requirements.

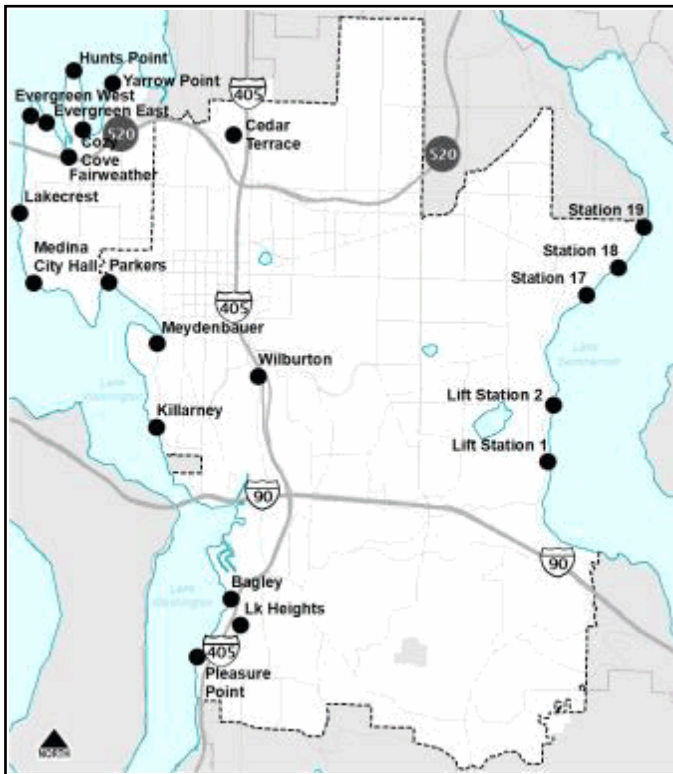
Environmental Impacts

Minimizing wastewater system failures means reduced environmental damage that results from failures, such as sewage backups and pollution to surface waters. Sewage overflows present human health and environmental hazards that threaten a community and can result in beach closures. Timely replacement or rehabilitation of aging sewer infrastructure minimizes this hazard.

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	22,497,155

Total Budgetary Cost Estimate: 22,497,155

Means of Financing

Funding Source	Amount
Utility Rates/Fees	22,497,155

Total Programmed Funding: 22,497,155
Future Funding Requirements:

Comments

S-24 Sewer System Pipeline Major Repairs

Category: **Sewer**
 Department: **Utilities**

Status: **Ongoing**
 Location: **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
36,323,785	24,856,785	-	689,000	2,070,000	2,115,000	2,152,000	2,199,000	2,242,000

Description and Scope

This program funds major repairs to sewer pipes where there is a cost-effective solution to extend the pipe's service life. Most defects are identified from the Utility's infrastructure condition assessment (video) program. Pipes are prioritized for repair based on risk of failure (likelihood and consequence), failure history, and to coordinate with other construction such as planned street overlays, which reduces restoration costs.

Rationale

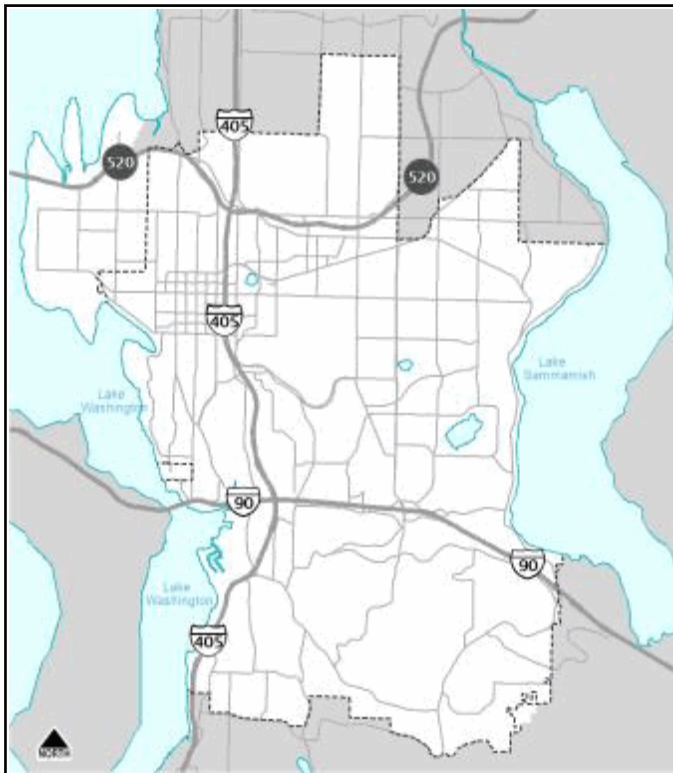
Sewer infrastructure rehabilitation and replacement is based on asset criticality and business risk, per industry best practices. In the short term, this program reduces the likelihood of catastrophic system failures, damage claims, and sharp rate increases to react to failures rather than proactively managing the system. In the long term, timely replacement or repair of wastewater facilities keeps customer rates as low as practical by managing the system at the lowest life-cycle cost, while maintaining service levels and meeting regulatory requirements.

Environmental Impacts

Minimizing wastewater system failures means reduced environmental damage that results from failures, such as sewage backups and pollution to surface waters. Sewage overflows present human health and environmental hazards that threaten a community and can result in beach closures. Timely replacement or rehabilitation of aging sewer infrastructure minimizes this hazard.

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	36,323,785

Total Budgetary Cost Estimate: 36,323,785

Means of Financing

Funding Source	Amount
Utility Rates/Fees	36,323,785

Total Programmed Funding: 36,323,785
Future Funding Requirements:

Comments

S-32 Minor (Small) Sewer Capital Improvement Projects

Category: **Sewer**
 Department: **Utilities**

Status: **Ongoing**
 Location: **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
3,152,323	2,576,323	-	-	6,000	137,000	142,000	144,000	147,000

Description and Scope

This ongoing program pays for minor improvements to Bellevue's sewer system to resolve deficiencies, improve efficiencies, or resolve maintenance problems, often in conjunction with other programs such as the Transportation overlay program. The program also investigates the feasibility of possible sewer extensions. Projects are prioritized based on criteria including public safety/property damage, maintenance frequency, operator safety, environmental risk, reliability and efficiency gains, coordination with other city projects or development activity, and level of service impact.

Rationale

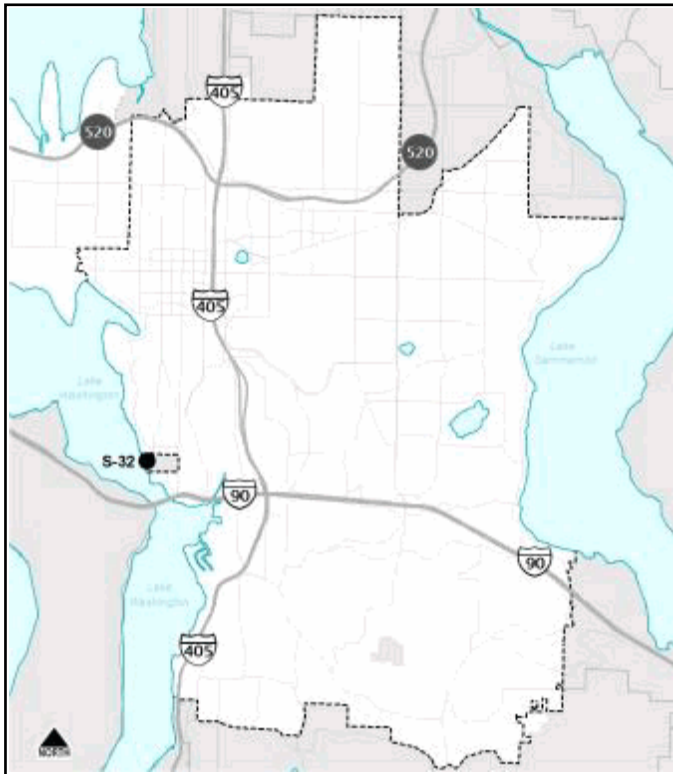
Sewer infrastructure rehabilitation and replacement is based on asset criticality and business risk, per industry best practices. In the short term, this program reduces the likelihood of catastrophic system failures, damage claims, and sharp rate increases to react to failures rather than proactively managing the system. In the long term, timely replacement or repair of wastewater facilities keeps customer rates as low as practical by managing the system at the lowest life-cycle cost, while maintaining service levels and meeting regulatory requirements.

Environmental Impacts

Minimizing wastewater system failures means reduced environmental damage that results from failures, such as sewage backups and pollution to surface waters. Sewage overflows present human health and environmental hazards that threaten a community and can result in beach closures. Timely replacement or rehabilitation of aging sewer infrastructure minimizes this hazard.

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	3,152,323

Total Budgetary Cost Estimate: 3,152,323

Means of Financing

Funding Source	Amount
Utility Rates/Fees	3,152,323

Total Programmed Funding: 3,152,323
Future Funding Requirements:

Comments

S-58 Lake Washington Sewer Lake Line Assessment Program

Category: **Sewer**
 Department: **Utilities**

Status: **Approved Prior**
 Location: **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
2,074,955	1,918,955	156,000	-	-	-	-	-	-

Description and Scope

This program is focused on assessing the 14.5 miles of sewer pipe along the Lake Washington shoreline; predicting its remaining life, and developing a strategy for its replacement. It includes condition assessment to collect pipe samples of asbestos cement and cast iron pipes in and analysis of viable alternatives for replacement of logical pipe reaches. Replacement of some of the sewer lake lines will likely be required just beyond this CIP Window. Replacement of the Meydenbauer Bay Park sewer lake line was formerly included in this project; it has been moved to its own project, S-69. Assessment of sewer lines along the Lake Sammamish shoreline is not included, since those pipes are newer and likely to last longer.

Rationale

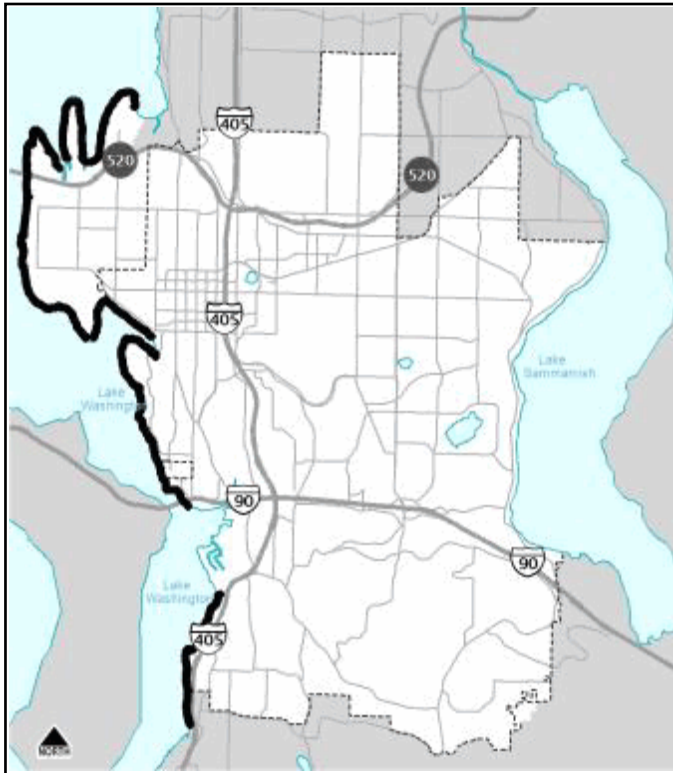
Sewer infrastructure rehabilitation and replacement is based on asset criticality and business risk, per industry best practices. In the short term, this program reduces the likelihood of catastrophic system failures, damage claims, and sharp rate increases to react to failures rather than proactively managing the system. In the long term, timely replacement or repair of wastewater facilities keeps customer rates as low as practical by managing the system at the lowest life-cycle cost, while maintaining service levels and meeting regulatory requirements.

Environmental Impacts

Minimizing wastewater system failures means reduced environmental damage that results from failures, such as sewage backups and pollution to surface waters. Sewage overflows present human health and environmental hazards that threaten a community and can result in beach closures. Timely replacement or rehabilitation of aging sewer infrastructure minimizes this hazard.

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	2,074,955

Total Budgetary Cost Estimate: 2,074,955

Means of Financing

Funding Source	Amount
Utility Rates/Fees	2,074,955

Total Programmed Funding: 2,074,955
Future Funding Requirements:

Comments

S-59 Add On-site Power at Sewer Pump Stations

Category: **Sewer**
 Department: **Utilities**

Status: **Closed**
 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
-	-	-	-	-	-	-	-	-

Description and Scope

This project will add on-site power generation capability at two or three high priority pumping stations which currently rely on portable generators during power outages. Specific locations would be selected based on a study evaluating the likelihood and consequence of sewage overflows, giving consideration to volume of base flow versus wet well capacity; proximity to surface water bodies; geographic distance from portable equipment.

Rationale

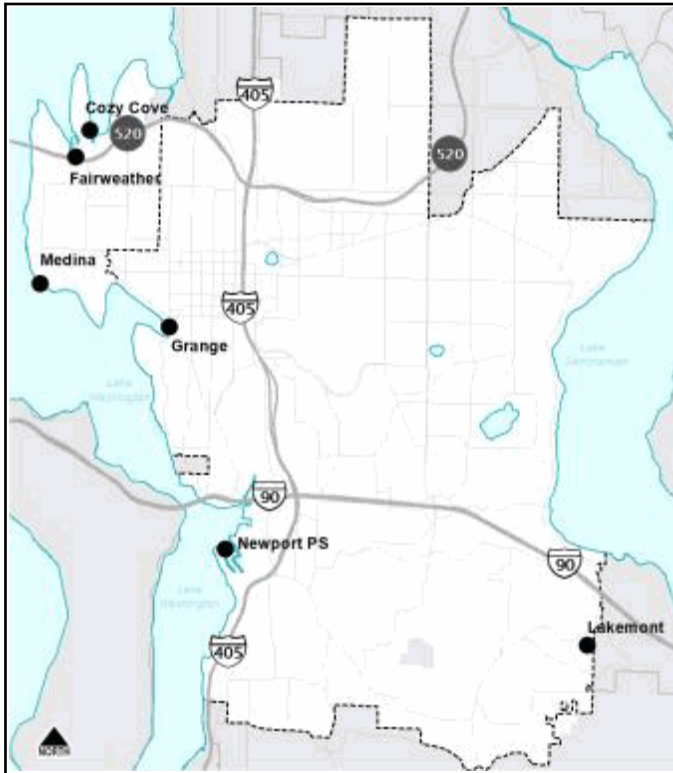
This project along with others in this proposal open salmon access to existing functional habitat, one of the quickest methods to increase salmon populations; helps stabilize streams and improve habitat consistent with Council-approved Lake Washington / Cedar / Sammamish Chinook Salmon Recovery Plan; 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	2014 - 2020	302,994

Total Budgetary Cost Estimate: 302,994

Means of Financing

Funding Source	Amount
-----------------------	---------------

Total Programmed Funding: 0
Future Funding Requirements: 302,994

Comments

S-60 Wilburton Sewer Capacity Upgrades

Category: **Sewer**
 Department: **Utilities**

Status: **Ongoing**
 Location: **Water and Sewer Service Areas**

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
10,599,599	10,441,599	11,000	48,000	49,000	50,000	-	-	-

Description and Scope

This project will replace approximately 2,000 feet of 12-inch diameter pipe with larger diameter pipe to provide sufficient capacity for anticipated upstream development.

Rationale

In the short term, utility capacity will be available without delaying development and redevelopment projects. In the long term, recovering the cost of projects from growth will reduce future rate increases to pay for utility system replacement.

Environmental Impacts

This project ensures safe and reliable removal of wastewater from homes and businesses as Bellevue grows.

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	1900 - 2022	10,599,599

Total Budgetary Cost Estimate: 10,599,599

Means of Financing

Funding Source	Amount
Utility Rates/Fees	10,599,599

Total Programmed Funding: 10,599,599
Future Funding Requirements:

Comments

S-61 Midlakes Pump Station Capacity Improvements

Category: **Sewer**
 Department: **Utilities**

Status: **Ongoing**
 Location: **Midlakes Pump Station Bel-Red Road**

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
7,726,695	4,371,695	3,300,000	11,000	11,000	11,000	11,000	11,000	-

Description and Scope

This project will replace the existing Midlakes sewer pump station with a larger one, to provide capacity for planned growth in the BelRed Corridor through 2030.

Rationale

N/A

Environmental Impacts

N/A

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	1900 - 2024	7,726,695

Total Budgetary Cost Estimate: 7,726,695

Means of Financing

Funding Source	Amount
Utility Rates/Fees	7,726,695

Total Programmed Funding: 7,726,695
Future Funding Requirements:

Comments

S-66 Sewer System Pipeline Replacement

Category: **Sewer**
 Department: **Utilities**

Status: **Ongoing**
 Location: **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
21,643,889	7,188,889	4,328,000	1,784,000	1,219,000	1,708,000	1,770,000	1,805,000	1,841,000

Description and Scope

This program replaces poor condition sewer pipe throughout the service area. The current budget is estimated to replace sewer pipe at a rate of 0.5 to 0.75 miles per year. Pipes are replaced when life cycle cost analysis indicates replacement is more economical than continuing to make point repairs. Replacement methods may include trenchless rehabilitation techniques such as cured-in-place pipe, and pipe bursting, and/or open trench replacement. This program compliments S-24, Sewer System Pipeline Repair, which repairs pipes to extend their service life. This program implements Bellevue's asset management program strategy to meet expected and required customer service levels at the lowest life cycle cost.

Rationale

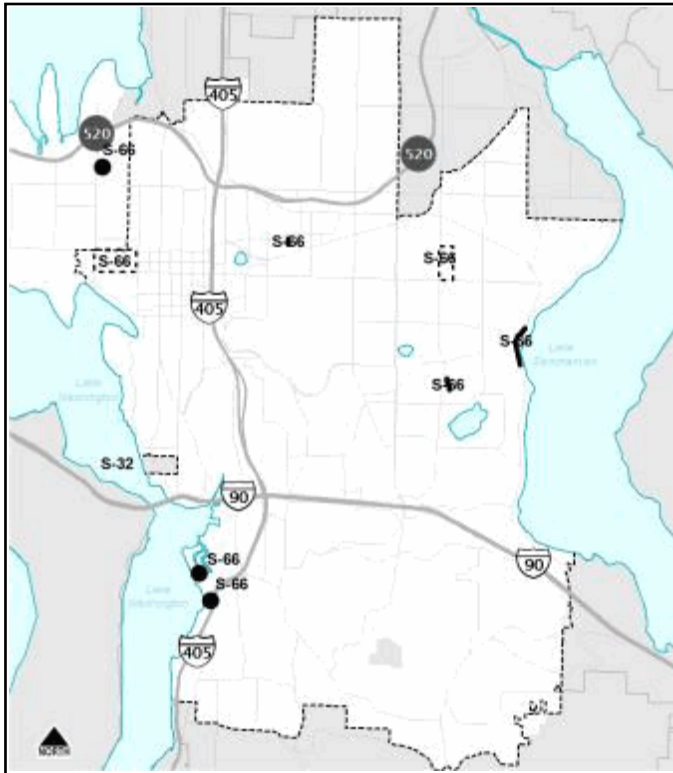
Sewer infrastructure rehabilitation and replacement is based on asset criticality and business risk, per industry best practices. In the short term, this program reduces the likelihood of catastrophic system failures, damage claims, and sharp rate increases to react to failures rather than proactively managing the system. In the long term, timely replacement or repair of wastewater facilities keeps customer rates as low as practical by managing the system at the lowest life-cycle cost, while maintaining service levels and meeting regulatory requirements.

Environmental Impacts

Minimizing wastewater system failures means reduced environmental damage that results from failures, such as sewage backups and pollution to surface waters. Sewage overflows present human health and environmental hazards that threaten a community and can result in beach closures. Timely replacement or rehabilitation of aging sewer infrastructure minimizes this hazard.

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	21,643,889

Total Budgetary Cost Estimate: 21,643,889

Means of Financing

Funding Source	Amount
Utility Rates/Fees	21,643,889

Total Programmed Funding: 21,643,889
Future Funding Requirements:

Comments

S-67 I&I Investigations and Flow Monitoring

Category: **Sewer**
 Department: **Utilities**

Status: **Ongoing**
 Location: **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
1,272,382	956,382	316,000	-	-	-	-	-	-

Description and Scope

This program will investigate the source and magnitude of inflow and infiltration (I&I) of storm and groundwater into the wastewater system at locations where suspected high I&I is currently or is forecast to exceed conveyance and/or pump station capacity. The 2014 Wastewater System Plan recommends this work with a goal of identifying and removing non-sewage flow where that would reduce surcharging such that costly capacity improvements might be avoided. Flow monitoring in five sewer basins is planned for 2015 and 2016. I&I investigation of eight basins is planned, in priority order: Newport, Fairweather and Cozy Cove, Wilburton, Lake Heights, Eastgate, Somerset, and Facteria.

Rationale

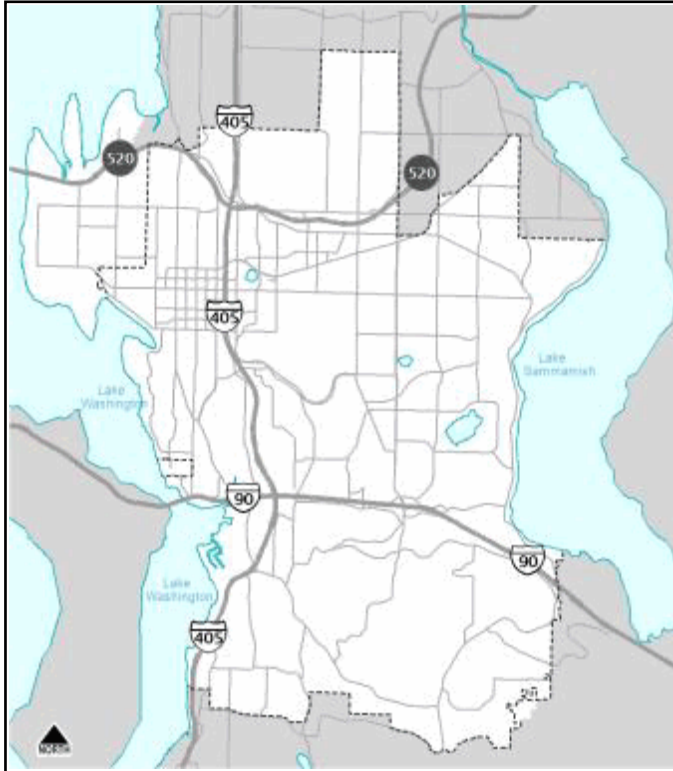
Sewer infrastructure rehabilitation and replacement is based on asset criticality and business risk, per industry best practices. In the short term, this project reduces the likelihood of catastrophic system failures, damage claims, and sharp rate increases to react to failures rather than proactively managing the system. In the long term, timely replacement or repair of wastewater facilities keeps customer rates as low as practical by managing the system at the lowest life-cycle cost, while maintaining service levels and meeting regulatory requirements.

Environmental Impacts

Minimizing wastewater system failures means reduced environmental damage that results from failures, such as sewage backups and pollution to surface waters. Sewage overflows present human health and environmental hazards that threaten a community and can result in beach closures. Timely replacement or rehabilitation of aging sewer infrastructure minimizes this hazard.

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	1900 - 2019	1,272,382

Total Budgetary Cost Estimate: 1,272,382

Means of Financing

Funding Source	Amount
Utility Rates/Fees	1,272,382

Total Programmed Funding: 1,272,382

Future Funding Requirements:

Comments

S-68 Sewer Force Main Condition Assessment

Category: **Sewer**
 Department: **Utilities**

Status: **Closed**
 Location: **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
-	-	-	-	-	-	-	-	-

Description and Scope

This project will assess the structural condition of pressurized sewer mains (known as 'force mains') that are more than 30 years old, and use that information to develop a force main renewal and replacement plan. Representative pipe samples will be collected from asbestos cement (AC) force mains; specialized pipe assessment equipment will be used for cast iron force mains. Condition will be evaluated and remaining useful life estimated. Force mains comprise 5.8 miles of the 526 total miles of public sewer pipe.

Rationale

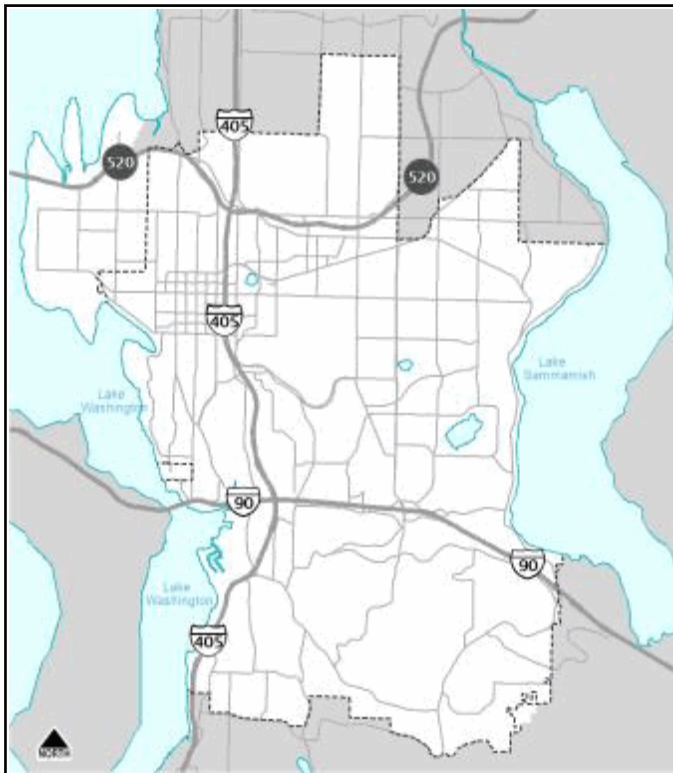
Sewer infrastructure rehabilitation and replacement is based on asset criticality and business risk, per industry best practices. In the short term, this program reduces the likelihood of catastrophic system failures, damage claims, and sharp rate increases to react to failures rather than proactively managing the system. In the long term, timely replacement or repair of wastewater facilities keeps customer rates as low as practical by managing the system at the lowest life-cycle cost, while maintaining service levels and meeting regulatory requirements.

Environmental Impacts

Minimizing wastewater system failures means reduced environmental damage that results from failures, such as sewage backups and pollution to surface waters. Sewage overflows present human health and environmental hazards that threaten a community and can result in beach closures. Timely replacement or rehabilitation of aging sewer infrastructure minimizes this hazard.

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	2015 - 2018	778,879

Total Budgetary Cost Estimate: 778,879

Means of Financing

Funding Source	Amount
-----------------------	---------------

Total Programmed Funding: 0
Future Funding Requirements: 778,879

Comments

S-69 Meydenbauer Bay Park Sewer Line Replacement

Status: **Closed**
Location **Sewer Service Area**

[illegible]

This project will replace the poor condition sewer line currently under Meydenbauer Bay with a new pipe 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 to better coordinate with Meydenbauer Bay Park development. The project cost has been revised based on improved engineering estimates.

Sewer infrastructure rehabilitation and replacement is based on asset criticality and business risk, per industry best practices. In the short term, this project reduces the likelihood of catastrophic system failures, damage claims, and sharp rate increases to react to failures rather than proactively managing the system. In the long term, timely replacement or repair of wastewater facilities keeps customer rates as low as practical by managing the system at the lowest life-cycle cost, while maintaining service levels and meeting regulatory requirements.

Minimizing wastewater system failures means reduced environmental damage that results from failures, such as sewage backups and pollution to surface waters. Sewage overflows present human health and environmental hazards that threaten a community and can result in beach closures. Timely replacement or rehabilitation of aging sewer infrastructure minimizes this hazard.

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

Schedule of Activities



Project Activities	From - To	Amount
Project Costs	2015 - 2018	4,780,000

Total Budgetary Cost Estimate: 4,780,000

Means of Financing

Funding Source	Amount
----------------	--------

Total Programmed Funding:	0
Future Funding Requirements:	4,780,000

Comments

S-71 Sewer Lakeline Alternatives Analysis

Status: **New**
Location **Sewer Service Area**

<u>Programmed Expenditures</u>	<u>Appropriated To Date</u>	<u>FY 2019 Budget</u>	<u>FY 2020 Budget</u>	<u>FY 2021 Budget</u>	<u>FY 2022 Budget</u>	<u>FY 2023 Budget</u>	<u>FY 2024 Budget</u>	<u>FY 2025 Budget</u>
581,000	-	260,000	159,000	162,000	-	-	-	-

Programmatic alternatives analysis of the replacement, rehabilitation or reconfiguration of Lakeline sewer pipe along the Lake Washington shoreline, including evaluation of a pilot project of 4,700 lineal feet of pipe along the north peninsula of Evergreen Point in Medina. The alternatives analysis is needed to determine the future scope, schedule and budget needed to replace this conveyance system and determination of its phasing. This work will include a programmatic Lake Line Planning Document that will include policies, phasing and strategies recommended for the lake lines, including the Evergreen Point Lakeline pilot project.

The existing conveyance system consists of pipe that is predominantly 8-inch Asbestos Cement with a small amount of Cast Iron. Both pipe materials for the Lakeline were built in the 1950s and 1960s. The Sewer Lake Line Condition Assessment 2016 Phase 2 report took pipe samples on 18 locations along the Lake Washington Lakeline. These pipe samples provide data that will help with prioritization of pipe replacement or rehabilitation throughout the next several decades. In addition to pipe condition, the programmatic Lakeline evaluation will need to include other factors such as technical, environmental and community considerations. Pilot projects are anticipated, such as the Evergreen Point Lakeline project, to assess feasibility and learn from actual project experience and build in that learning for future projects. The results of the programmatic alternatives analysis will result in a lake line phasing and budget request for future Lakeline projects.

Failure of the Lakeline will adversely affect the aquatic environment in Lake Washington by discharging sanitary sewage into the lake. This is not only a human health risk, but a potential adverse impact on the nearshore spawning habitat for salmonids in Lake Washington.

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



Project Activities	From - To	Amount
Project Costs	2019 - 2021	581,000

Total Budgetary Cost Estimate: 581,000

Funding Source	Amount
Utility Rates/Fees	581,000

Total Programmed Funding:	581,000
Future Funding Requirements:	

Comments

S-108 Advanced Metering Infrastructure (AMI) Implementation

Category: **Sewer**
 Department: **Utilities**

Status: **Approved Prior**
 Location: **Citywide**

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
6,927,200	2,509,200	3,518,000	900,000	-	-	-	-	-

Description and Scope

This proposal is for a new Utilities CIP Program. Implementation involves: Replacing almost all Utilities meters, total of 39,436 out of 40,804; Replacing half of the meter boxes, approximately 20,000 out of 40,804; Replacing the lids for the other half of the meter boxes, approximately 20,000 lids; Installing Meter Interface Units (MIU); Installing Communication equipment, 100 collectors and 25 repeaters; Implementation of an AMI Meter Data Management Software (MDMS); Systems Integration and Implementation services. This project will be funded 70 percent by water and 30 percent by sewer rates. The budget is based on a 2015 AMI feasibility study. Rapid implementation is planned to realize the maximum benefit from labor savings that will be realized by replacing the current manually-read meters, to minimize the time two systems need to be supported, and to deliver a common service level to all customers as rapidly as possible.

Rationale

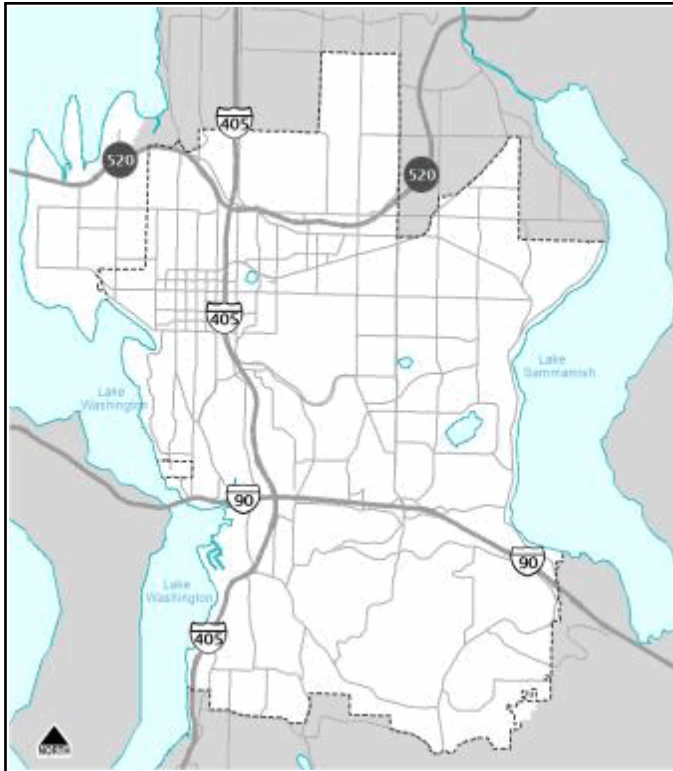
N/A

Environmental Impacts

N/A

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	2017 - 2020	6,927,200

Total Budgetary Cost Estimate: 6,927,200

Means of Financing

Funding Source	Amount
Utility Rates/Fees	6,927,200

Total Programmed Funding: 6,927,200
Future Funding Requirements:

Comments

S-111 Maintenance and Operations Facility Land Acquisition

Category: **Sewer**
 Department: **Utilities**

Status: **New**
 Location: **Not Specified**

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
2,667,000	-	2,667,000	-	-	-	-	-	-

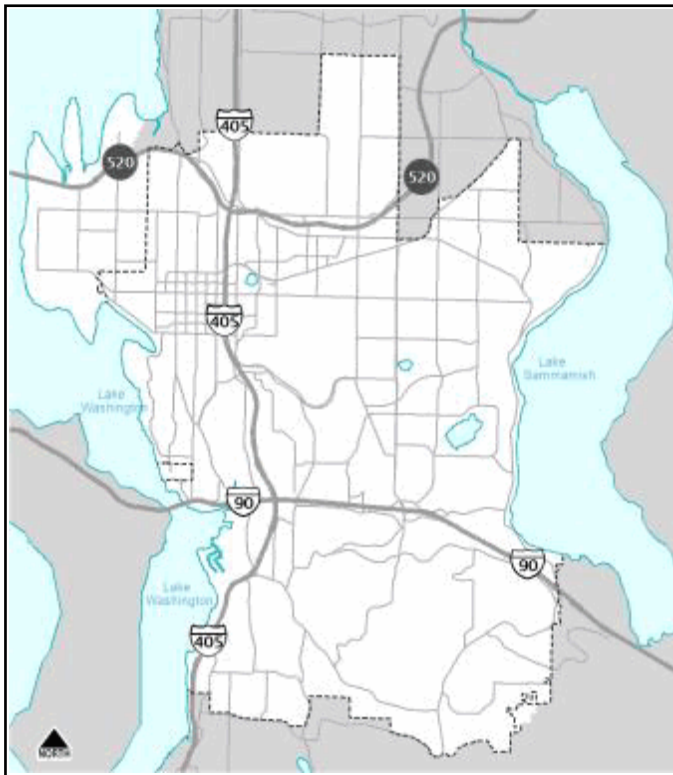
Description and Scope

As the City of Bellevue continues to grow, there is a critical need for long range operational facilities planning to ensure that the Utilities Department (Utilities) can meet the community's current and future needs in an efficient and timely manner. The current service locations are functioning at or near capacity, and there is significant risk that they will not be sufficient to meet Utilities' growing operational needs. To address this, Utilities initiated the development of a long range Operations and Maintenance (O&M) Facilities Plan.

Based on the alternatives analysis within the O&M Facilities Plan, property acquisition is being recommended in the 2019-2025 CIP as a first step to site the maintenance facility. While a specific site has not been determined, this proposal establishes a budget of \$8.0 million for property acquisition. The estimated cost will be funded by available year-end 2017 operating reserves in the water (\$5.3M) and sewer utilities (\$2.7M).

Rationale**Environmental Impacts****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	2017 - 2019	2,667,000

Total Budgetary Cost Estimate: 2,667,000

Means of Financing

Funding Source	Amount
Utility Rates/Fees	2,667,000

Total Programmed Funding: 2,667,000
Future Funding Requirements:

Comments