

Bellevue Utilities

2021-2027 Capital Investment Plan

Proposed Budget

Environmental Services Commission Presentation

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June 23, 2020

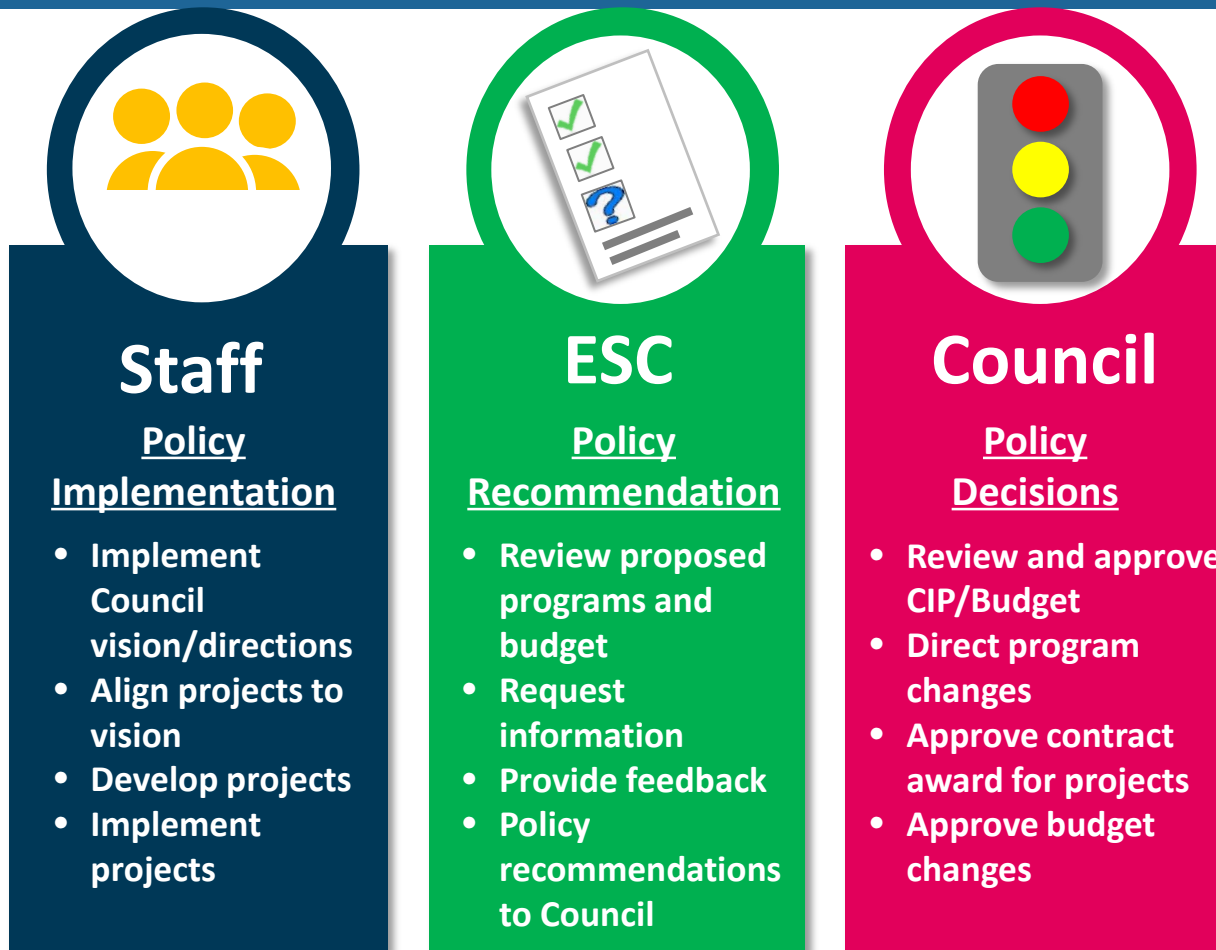


Agenda

1. Utilities Capital Investment Plan (CIP) Overview
2. Proposed 2021-27 Utilities CIP
 - Development Process
 - Fund/Program Overviews
 - Major Drivers
 - Changes from previous CIP
3. Discussion and Q&A



Roles - Capital Projects and Programs



CIP Overview

What?

- 7-year Capital Investment Plan
- Water, Wastewater, and Stormwater Funds
- Multiple programs and associated projects

When?

- Updated every 2-years as part of biennial budget process

Why?

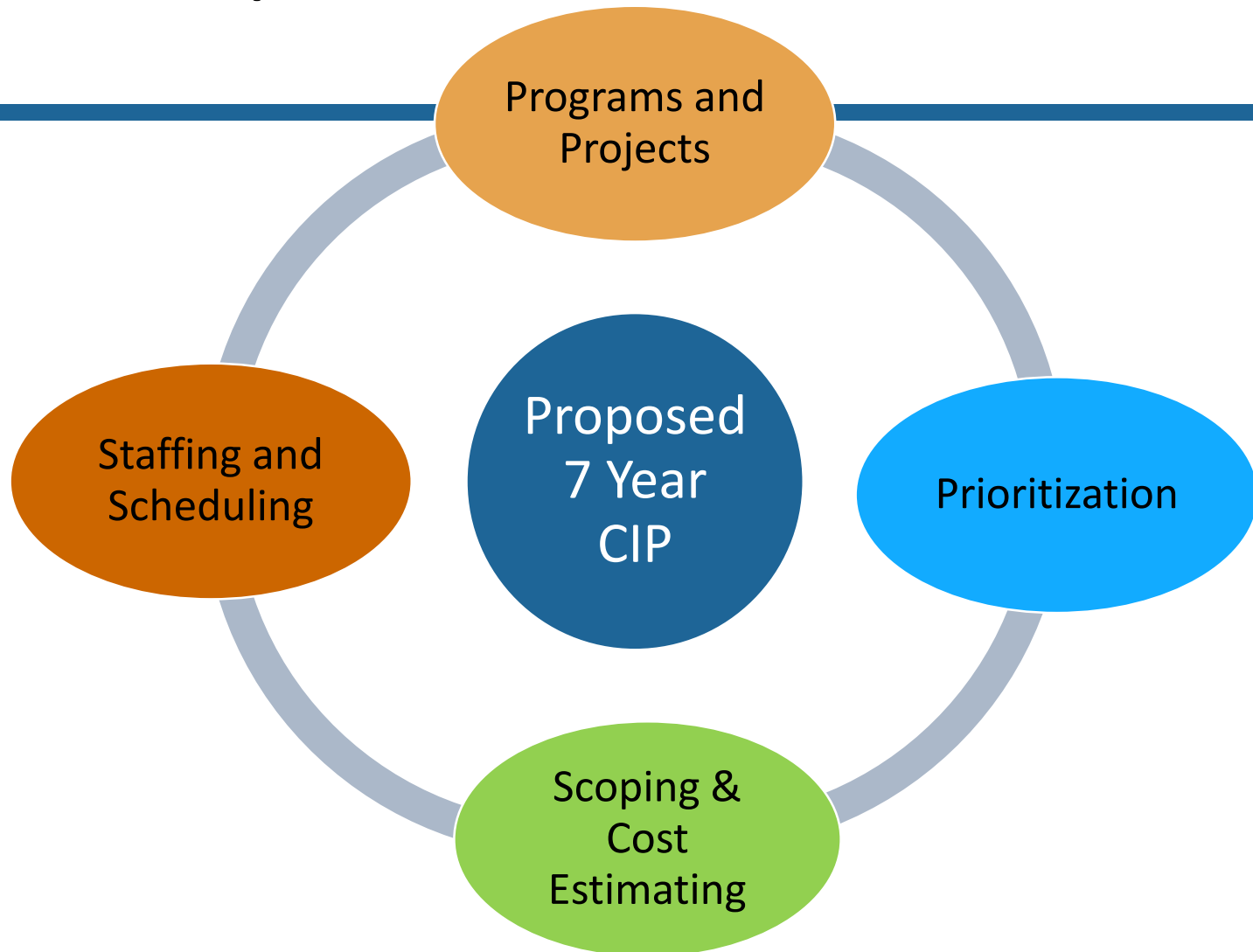
- Renew/replace aging utility infrastructure
- Support growth and development
- Provide environmental stewardship
- Ensures compliance with regulations
- Ensure excellent utility services



PHOTO: DAVID JOHANSEN VASQUEZ

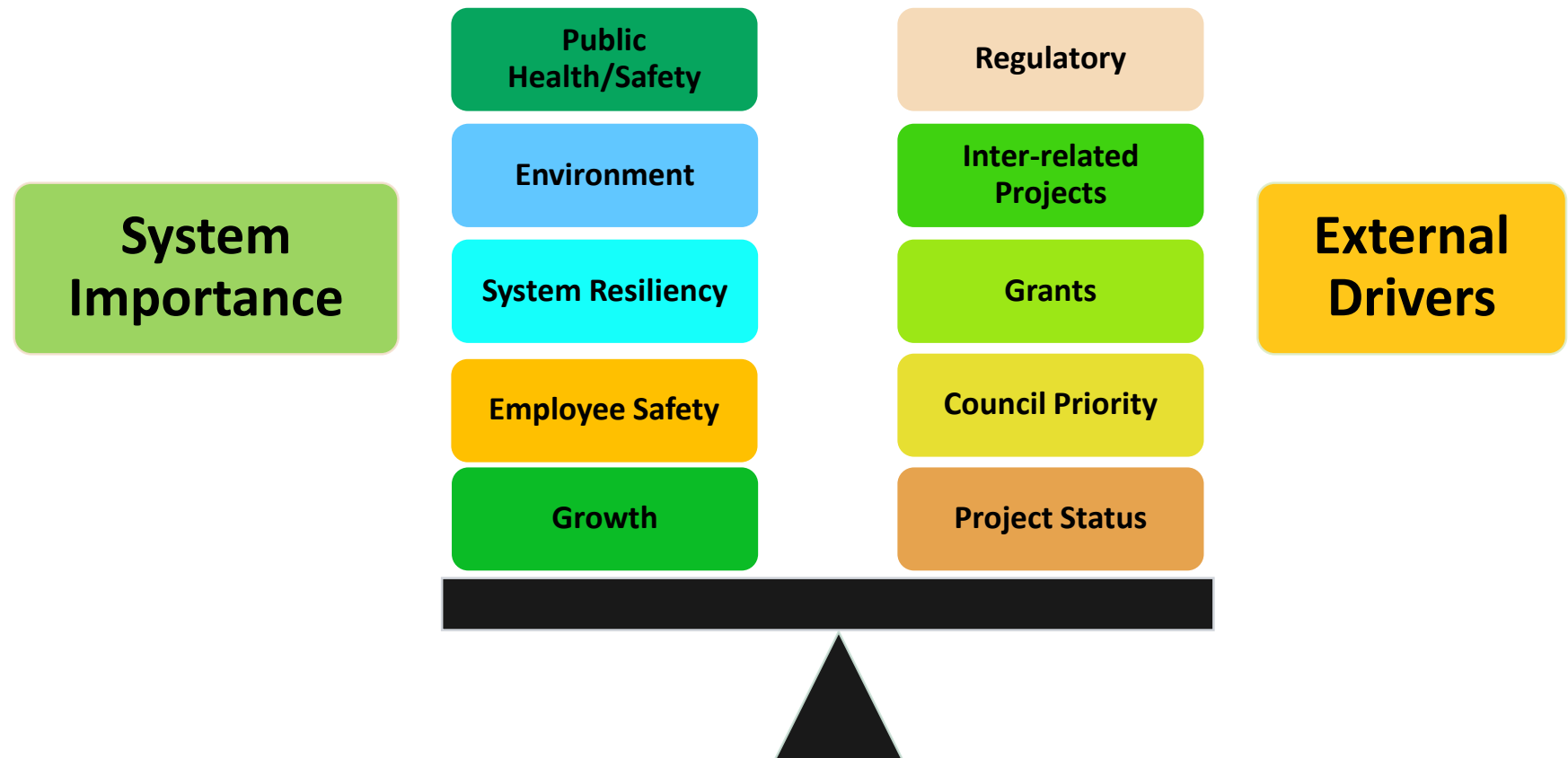


CIP Development

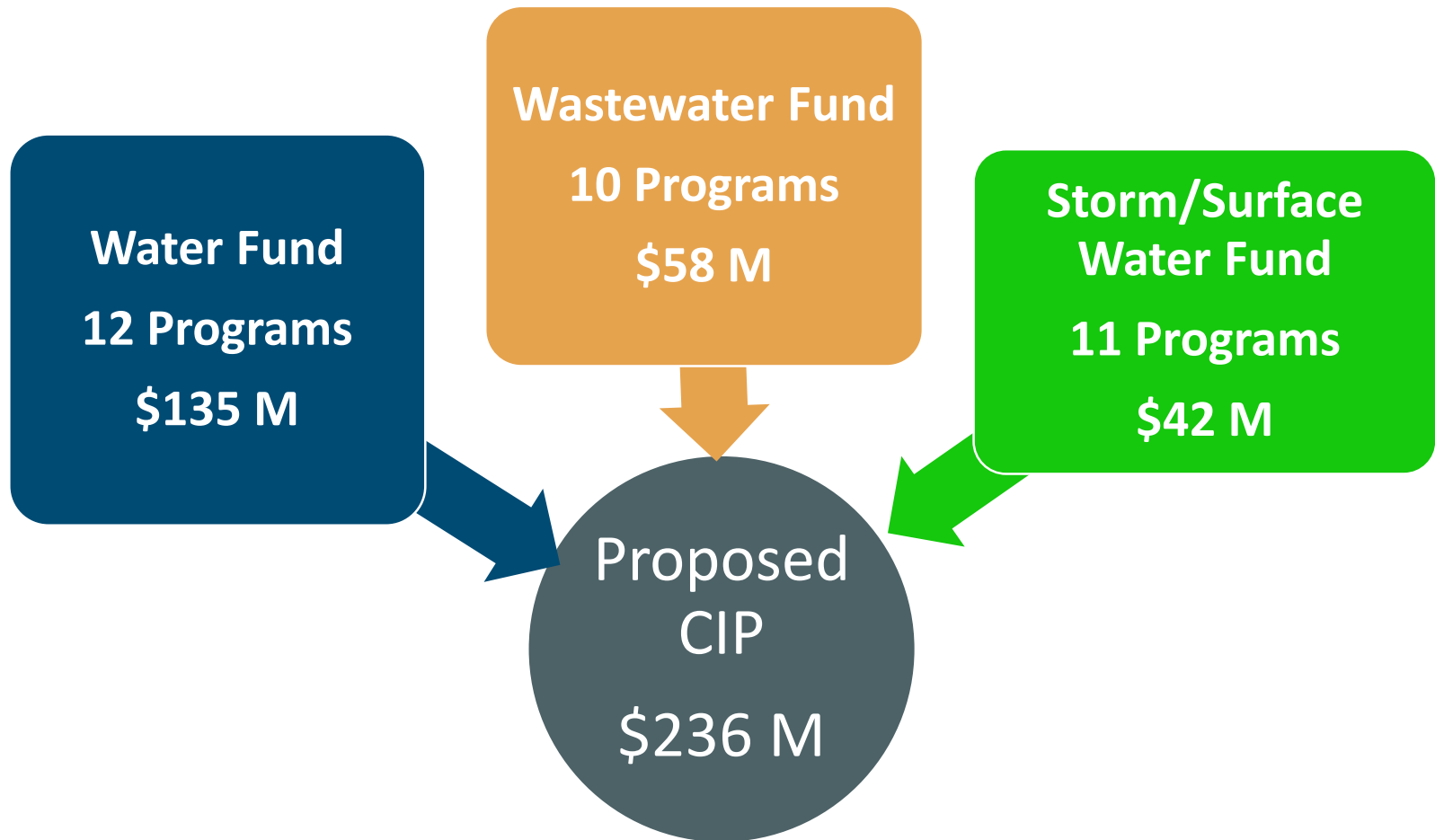


CIP Development

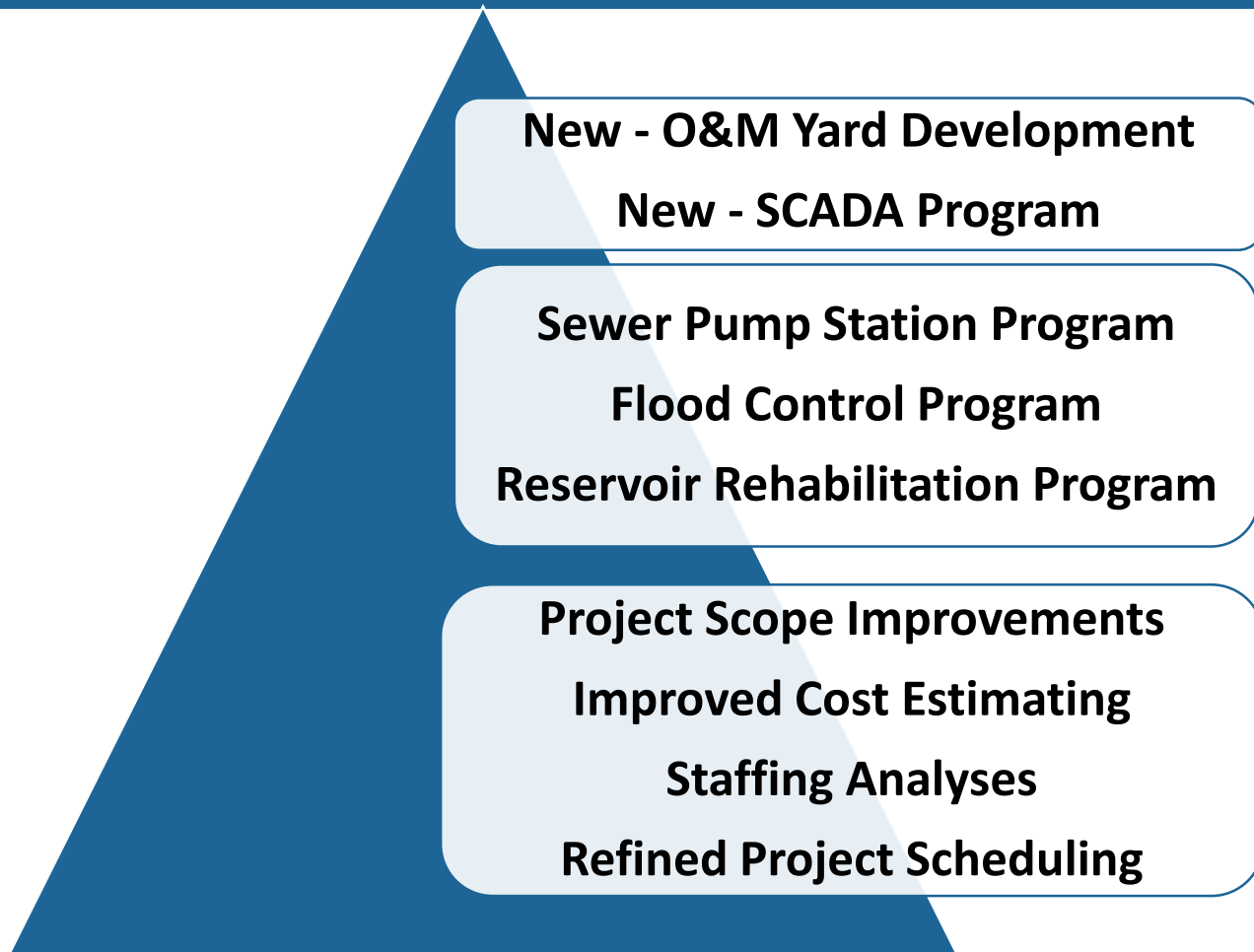
Project Prioritization:



Utilities Capital Investment Plan (CIP) Proposed 2021-2027

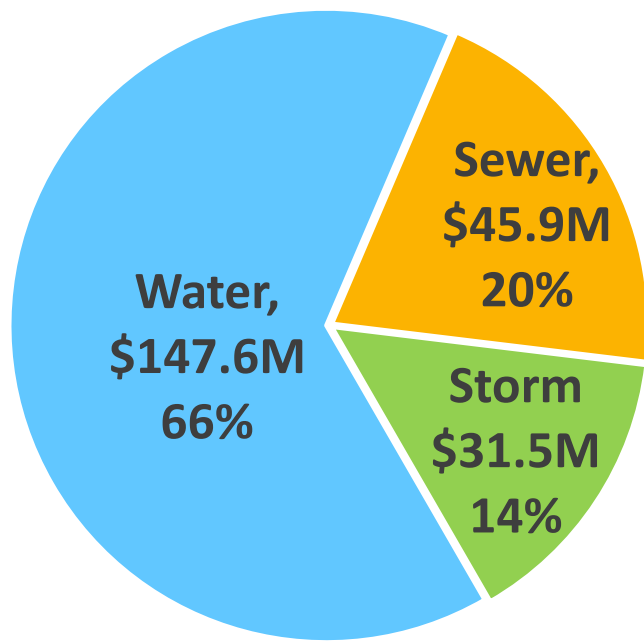


Major CIP Change Drivers

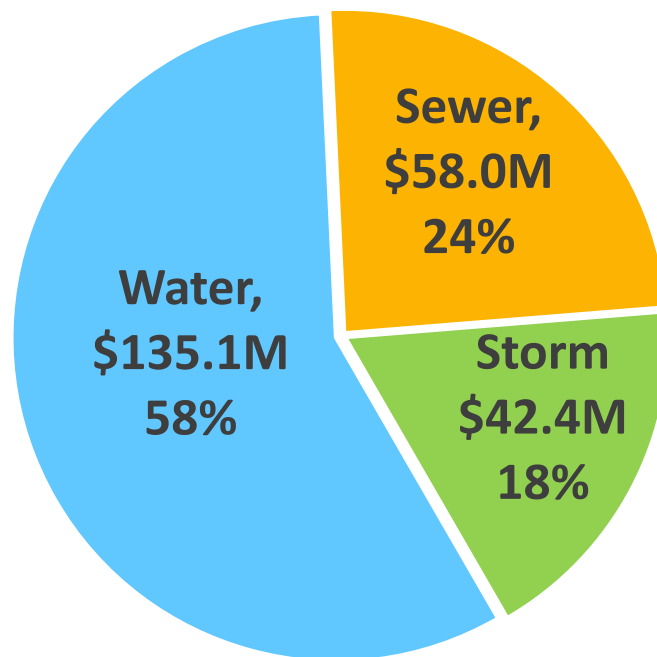


CIP by Fund 2019-2025 vs. 2021-2027

Adopted
2019-2025 CIP: \$225M

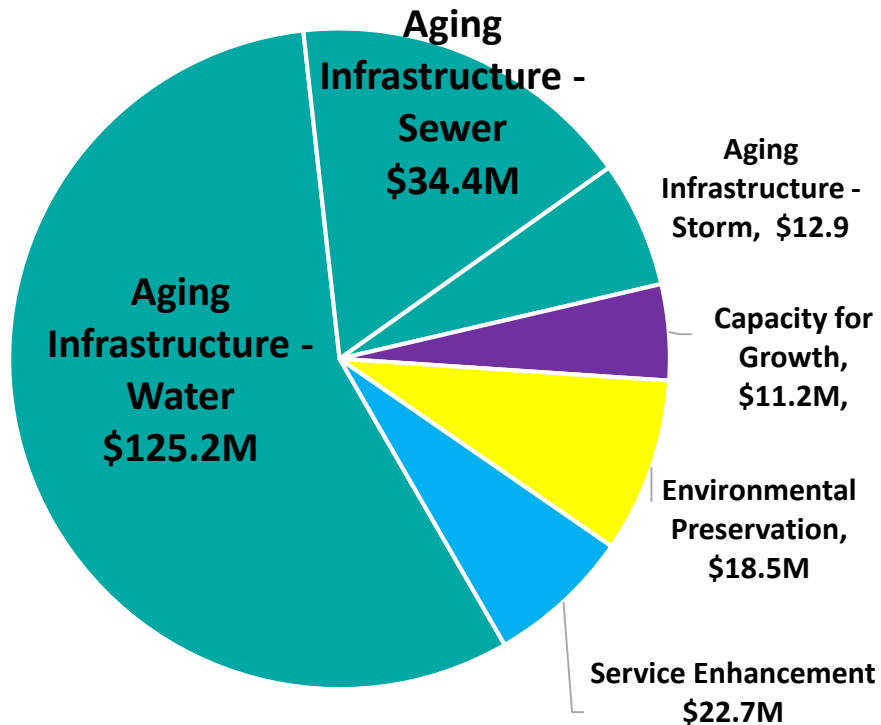


Proposed
2021-2027 CIP: \$236M

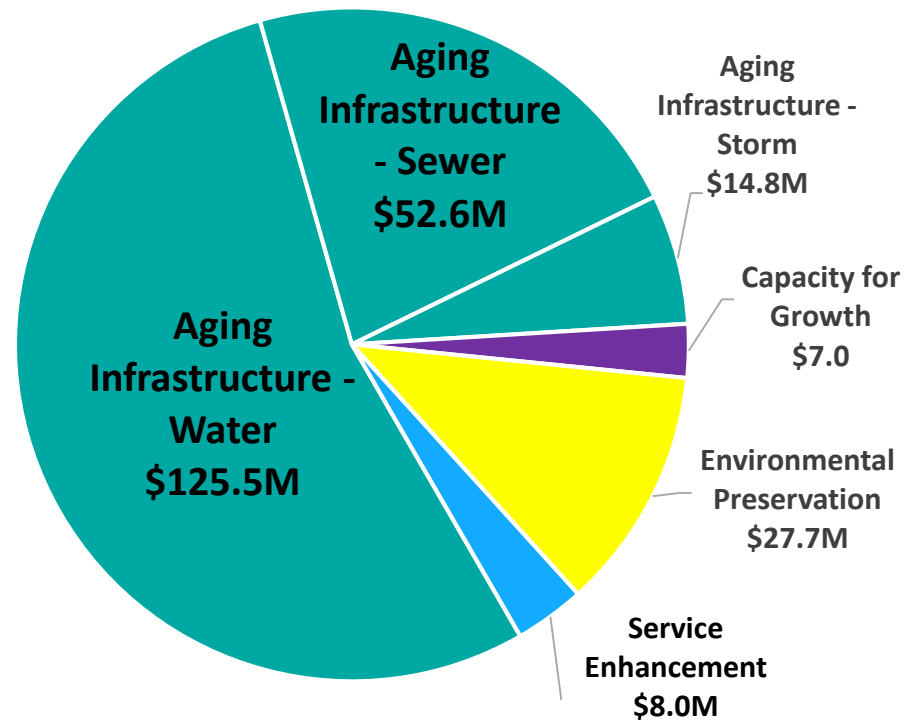


CIP by Area of Investment 2019-2025 vs 2021-2027

Adopted
2019-2025 CIP: \$225M



Proposed
2021-2027 CIP: \$236M



Water Fund



2021-2027 Proposed Water CIP

	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
2019-25 CIP (\$M)	43.0	22.6	18.1	16.3	15.4	15.2	17.0	-	-	147.6
2021-27 CIP (\$M)	-	-	16.7	18.0	17.7	20.8	17.3	20.1	24.4	135.1
Difference (\$M)	-	-	0.10	1.7	2.1	5.6	0.3	--		(12.5)

Key Drivers for Water:

- Added new SCADA Program
- Increased funding for O&M Yard Development
- Increased funding for Reservoir Rehabilitation Program
- Projects in 2021/2022 are better defined (scope, schedule and cost estimates) since last budget process
- Several large projects, AMI and Land Acquisition are already funded and don't need add'l funding



Programs with No Additional Budget Requests

- W-104 New Water Inlet Station
- W-110 Enatai Inlet Station and NE 40th St. Inlet Station
- W-108 Advanced Metering Infrastructure



Water Fund

W-16 Water Main Replacement

	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)	16.0	9.9	10.1	10.3	10.7	11.0	11.2	-	-	79.2
Proposed 2021-27 CIP (\$ M)	-	-	6.3	12.8	9.9	12.7	12.7	12.8	14.1	81.3
Difference (\$M)	-	-	(3.8)	2.5	(0.8)	1.7	1.5	-	-	2.1

- No change to the goal of replacing 5 miles/year, with focus on AC pipe and increasing fire flow to neighborhoods
- Pipes selected for replacement based on risk of failure, history of breaks and leaks, coordination with other projects
- Proposed budget reflects 2.8% cost increase based on recent construction experience and added cost of earthquake resilient pipe on some projects
- Includes watermain replacement due to transportation projects (WSDOT and City of Bellevue projects)

606 miles of
watermains



Water Fund *W-67 Pressure Reducing Valve (PRV) Rehab*

	Adopted		Proposed							
	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)	-	-	0.4	0.4	0.4	0.5	0.5	-	-	2.2
Proposed 2021-27 CIP (\$ M)	-	-	0.4	0.2	0.4	0.8	1.0	1.8	1.4	6.0
Difference (\$ M)	-	-	0.0	(0.2)	0.0	0.3	0.5	-	-	3.8

69 pressure zones

- Funding levels continue to replace 3 PRVs per year
- Beginning in 2024, “Smart” pressure monitoring controls will improve operation of system



Water Fund

W-69 Minor CIP

	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$M)	1.6	0.2	0.3	0.4	0.3	0.4	0.3	-	-	3.5
Proposed 2021-27 CIP (\$ M)	-	-	0.6	0.3	0.1	-	-	-	0.2	1.2
Difference (\$M)	-	-	0.3	(0.1)	(0.2)	(0.4)	(0.3)	-	-	(2.3)

- Addresses minor projects that don't fit into other programs well
- Specific projects identified to address fire flow deficiencies



Water Fund

W-85 Reservoir Rehabilitation

	Adopted		Proposed							
	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)	1.3	4.6	3.5	1.6	2.1	1.8	1.7	-	-	16.6
Proposed 2021-27 CIP (\$ M)	-	-	7.7	3.3	2.6	0.9	0.6	2.9	5.5	23.4
Difference (\$M)	-	-	4.2	1.7	0.5	(0.9)	(1.1)	-	-	6.8

24 water
reservoirs

- 6 Re-coating projects added to program
- Increased costs due to improved coating products that extend the life of the coating
- Seismic Retrofit improvements added in 2026-2027



Water Fund

W-91 Pump Station Rehab

	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$M)	5.2	3.3	2.9	2.6	1.0	0.8	2.5	-	-	18.4
Proposed 2021-27 CIP (\$M)	-	-	-	-	1.5	2.8	1.0	0.8	1.0	7.1
Difference (\$M)	-	-	(2.9)	(2.6)	0.5	2.0	(1.5)	-	-	(11.3)

22 pump stations

- Rehabilitate one pump station every other year
- Aligns project delivery with existing staff resources



Water Fund

W-98 Commercial Meter Vaults

	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)	-	0.1	0.1	0.1	0.2	0.2	0.2	-	-	0.9
Proposed 2021-27 CIP (\$ M)	-	-	0.04	0.3	0.6	0.4	0.7	0.7	0.6	3.3
Difference (\$M)	-	-	(0.06)	0.2	0.4	0.2	0.5	-	-	2.4

- Annual vault replacement rate returns to historic levels of 4 per year (up from 1 per year prior to 2019)
- Coordinated with AMI Program



Water Fund

W-99 Service Saddles

	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)	-	0.3	0.3	0.3	0.3	0.3	0.3	-	-	1.8
Proposed 2021-27 CIP (\$ M)	--	-	0.2	0.3	0.1	-	-	-	-	0.6
Difference (\$M)	-	-	-	0.0	(0.2)	(0.3)	(0.3)	-	-	(1.2)

- Proposed level of 30 service saddles per year in 2021/22.
- No funding requested after 2023– we’ve tackled a lot of the backlog already.



Water Fund

W-103 West Operating Area Storage

	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)	1.6	0	0	0	0	0	0	-	-	1.6
Proposed 2021-27 CIP (\$ M)	-	-	1.1	0.2			-	1.2	1.6	4.1
Difference (\$M)	-	-	1.1	0.2	0	0	0	-	-	2.5

- Increased density in Bel-Red and Downtown driving need for more water storage
- NE 8th Street Transmission Main will be completed 2021
- Reservoir Siting study is proposed for 2021-2022
- \$2.8 M for design work in 2026/2027



Water Fund

W-105 NE Spring Blvd Corridor

	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)	0.9	0.2	0.2	0.2	-	-	-	-	-	1.5
Proposed 2021-27 CIP (\$ M)	-	-	-	-	-	1.6	1.3	-	-	2.9
Difference (\$M)			(0.2)	(0.2)		1.6	1.3			1.4

- This program installs water mains with upcoming transportation projects as the Spring Blvd ROW is built out over time.
- The schedule is adjusted to account for work in Spring Blvd from 120th to 132nd Ave



Water Fund

W-111 Operations and Maintenance Yard

	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3
Proposed 2021-27 CIP (\$ M)	-	-	0.0	0.0	1.4	1.3	0.0	0.0	0.0	2.7
Difference (\$ M)	-	-	0.0	0.0	1.4	1.3	0.0	-	-	(2.6)

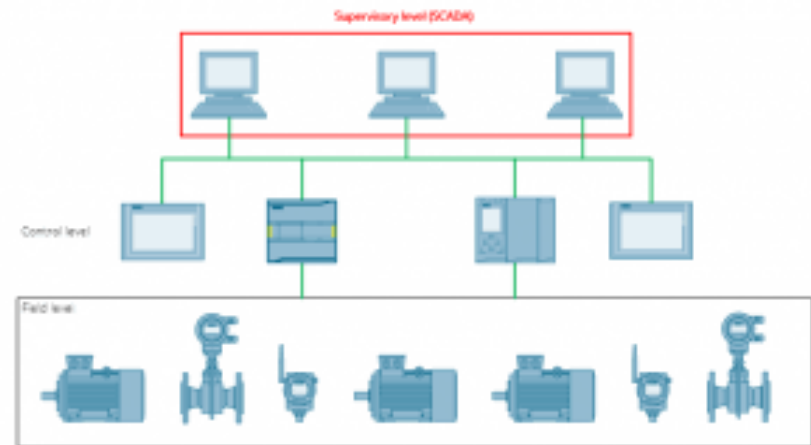
- Planning, acquisition, design, and construction of new operations and maintenance yard



Water Fund *W-115 SCADA Upgrades (New Program)*

	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
2019-25 CIP (\$Ms)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021-27 Proposed CIP (\$Ms)			0.0	0.1	1.0	0.3	0.0	0.0	0.0	1.4
Difference			0.0	0.1	1.0	0.3	0.0			1.4

- New program to fund replacement of water telemetry systems



Water Fund

W-117 170th Place SE Pressure Improvements (New Program)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
2019-25 CIP (\$000s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021-27 Proposed CIP (\$000s)			0.2	0.5	0.3	0.0	0.0	0.0	0.0	1.0
Difference			0.2	0.5	0.3					1.0

- Installation of new water main and PRV to address pressure deficiencies in 170th Pl SE (near Weowna Park area)



Wastewater Fund



Wastewater (Sewer) Fund

2021-2027 CIP

	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)	15.9	4.4	4.7	5.4	5.3	5.0	5.2	-	-	45.9
Proposed 2021-27 CIP (\$ M)	-	-	12.7	6.2	9.1	9.3	7.7	6.7	6.3	58.0
Difference (\$M)	-	-	7.9	0.8	3.8	4.3	2.5	-	-	12.0

Key Drivers for Wastewater

- Sewer Pump Station Improvements
- Increased funding for sewer pipeline repair and replacement
- \$7.5 M for SCADA and Maintenance Yard Programs



Programs with No New Budget Requests

No Additional Budget Request

- S-67 Inflow and Infiltration Investigations and Monitoring
- S-68 Sewer Force Main Condition Assessment
- S-108 Advanced Metering Infrastructure



Wastewater (Sewer) Fund

S-16 Sewer Pump Station Improvements

	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)	1.3	0.8	1.2	1.4	1.2	0.8	1.0	-	-	7.8
Proposed 2021-27 CIP (\$ M)	-	-	5.3	2.0	0.6	1.8	3.3	1.2	1.1	15.3
Difference (\$M)	-	-	4.1	0.6	(0.6)	1.0	2.3	-	-	7.5

- Revised cost estimates due to recent projects
- Updated scope of work for 14 pump stations
 - Added associated sewer force main work
 - Addresses health and safety needs for employees
 - Asset management & operational needs addressed more fully

47 pump and flush stations



Wastewater (Sewer) Fund

S-24 Sewer System Pipeline Major Repairs

	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)	0.0	0.7	2.1	2.1	2.1	2.2	2.2			11.5
Proposed 2021-27 CIP (\$ M)	-	-	2.7	3.3	3.5	3.3	3.2	4.5	5.2	25.7
Difference (\$M)	-	-	0.6	1.2	1.4	1.1	1.0	-	-	14.2

- Combine Program with S-66 (similar scopes)
- Increased budget to address additional identified sewer pipeline defects and overlay programs
- 6-new projects include 3 WSDOT related projects and 3 projects to resolve operational needs

516 miles of pipe

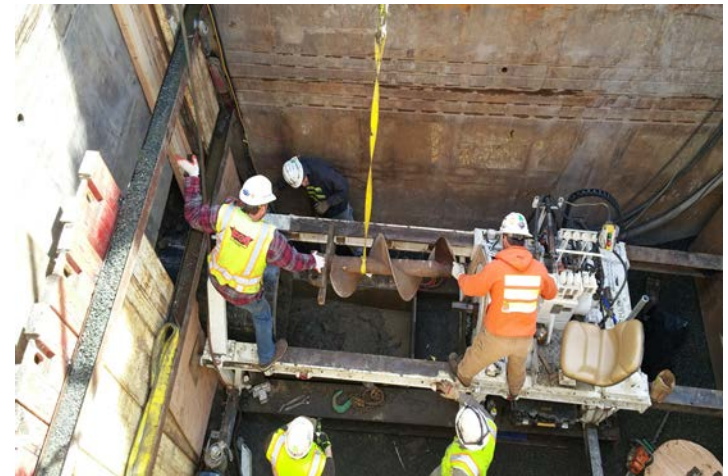


Wastewater (Sewer) Fund

S-66 Sewer Pipeline Replacement

	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)	3.4	1.8	1.2	1.7	1.8	1.8	1.8			13.5
Proposed 2021-27 CIP (\$ M)			2.9	0.7	1.0	1.1				5.7
Difference (\$M)			1.7	(1.0)	(0.8)	(0.7)	(1.8)			(7.8)

- Combine program with S-24 (similar projects) in the future
- 3 projects to be completed by 2024
 - Newport Shores Sewer Line
 - Aqua Vista
 - Sewer 19-10 Bogline

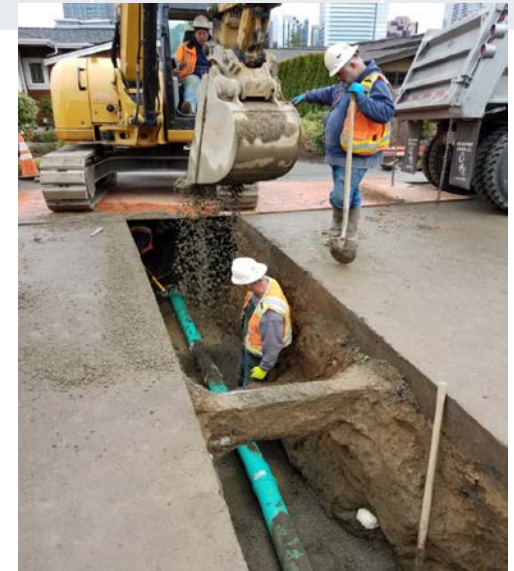


Wastewater (Sewer) Fund

S-32 Minor Sewer Capital Projects

	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)	0.0	0.0	0.01	0.1	0.1	0.2	0.2	-	-	0.6
Proposed 2021-27 CIP (\$ M)	--	-	0.04	0.0	0.0	0.0	0.0	0.0	0.02	0.06
Difference (\$M)	-	-	0.03	(0.1)	(0.1)	(0.2)	(0.2)	-	-	(0.54)

Continue the 2 Enatai Project to add maintenance access (i.e. cleanouts) for cleaning of sewer lake line



Wastewater (Sewer) Fund

S-58 Lake Washington Lake Line Management Plan

	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)	0.2	0	0	0	0	0	0	-	-	0.2
Proposed 2021-27 CIP (\$ M)	-	-	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Difference (\$M)	-	-	0.1	0.0	0.0	0.0	0.0	-	-	0.1

- Revised scope, budget, and schedule for Lake Lines Management Plan - includes the development of a prioritized capital and operational plan using economic, social, and environmental criteria.
- Funding is combined with S-71.



Wastewater (Sewer) Fund

S-60 Wilburton Pump Station

	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)	0.2	0.05	0.05	0.05	0.0	0.0	0.0	-	-	0.4
Proposed 2021-27 CIP (\$ M)	-	-	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.02
Difference (\$M)	-	-	(0.05)	(0.03)	0.0	0.0	0.0	-	-	(0.38)

- Post construction permit monitoring and associated site maintenance



Wastewater (Sewer) Fund

S-61 Mid-Lakes Pump Station

	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)	4.0	.01	.01	.01	.01	.01				4.5
Proposed 2021-27 CIP (\$ M)			.05	--	--	--	--	--	--	0.05
Difference (\$M)			0.04	(.01)	(.01)	(.01)				

- Construction scheduled for completion in Summer 2020
- Additional budget to perform warranty work.



Wastewater (Sewer) Fund

S-111 Operations and Maintenance Yard

	Adopted		Proposed							
	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)	0.0	2.7	0.0	0.0	0.0	0.0	0.0	-	-	2.7
Proposed 2021-27 CIP (\$ M)	-	-	0.0	0.0	2.6	2.7	0.0	0.0	0.0	5.3
Difference (\$M)					2.6	2.7				2.6

- Planning, acquisition, design, and construction of new operations and maintenance yard

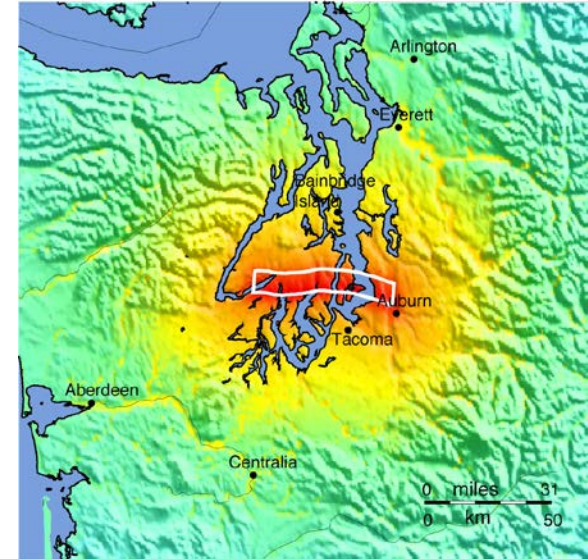


Wastewater (Sewer) Fund

S-112 Sewer Planning (New)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0
Proposed 2021-27 CIP (\$ M)	-	-	0.0	0.0	0.3	0.4	0.0	0.0	0.0	0.7
Difference (\$M)	-	-	0.0	0.0	0.3	0.4	0.0	-	-	0.7

New program to identify future system improvements including Seismic Resiliency Vulnerability Assessment

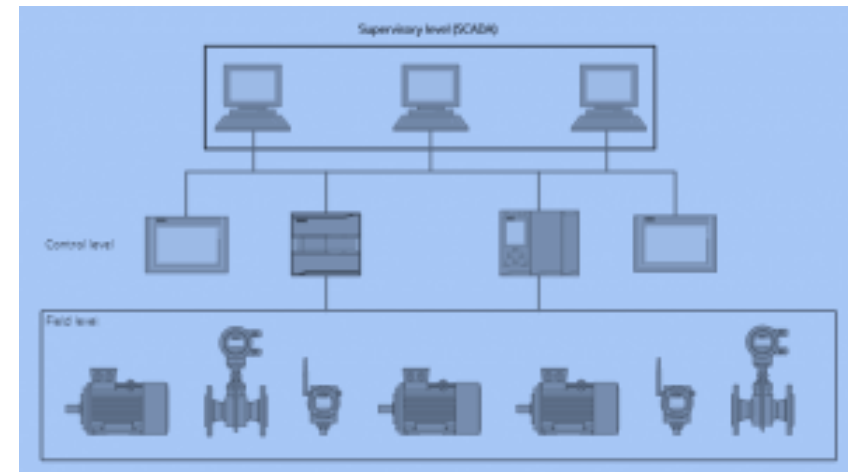


Wastewater (Sewer) Fund

S-115 SCADA Upgrades (New)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0
Proposed 2021-27 CIP (\$ M)	-	--	1.5	0.2	1.0	0.0	1.2	1.0	0.0	4.9
Difference (\$M)	-	-	1.5	0.2	1.0	0.0	1.2	-	-	4.9

- New program to fund R&R of telemetry systems
- Remote Telemetry Units for 35 pump stations and 10 flush stations



Storm and Surface Water Fund



2021-2027 Proposed Storm and Surface Water CIP

	Adopted		Proposed							
	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)	9.7	2.0	2.8	3.5	5.0	4.4	4.0	-	-	31.5
Proposed 2021-27 CIP (\$ M)	-	-	13.0	10.6	4.6	2.5	3.3	4.4	4.0	42.4
Difference (\$M)	--	--	10.2	7.1	(0.4)	(1.9)	(0.7)	-	-	10.9

Key Drivers for Stormwater

- Flood reduction projects (increased scopes and costs)
- SCADA Program (new)
- Post Construction Permit Monitoring and Maintenance Program (New)
- Storm and Surface Water Planning Program (New)



Storm and Surface Water Fund

No Additional Budget Request

- **D-104 Stream Restoration for M&I**
- **D-106 Lower Coal Creek Flood Hazard Reduction Project**
- **D-105 Replace NE 8th Culvert at Kelsey Creek**



Storm and Surface Water Fund

D-59 Minor CIP

	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)	0.1	0.2	0.6	0.5	0.3	0.3	0.3	–	–	2.3
Proposed 2021-27 CIP (\$ M)	–	–	0.2	-	-	-	-	-	-	0.2
Difference (\$M)	--	--	(0.4)	(0.5)	(0.3)	(0.3)	(0.3)	--	--	(2.1)

- Complete existing projects in program in 2021
- Program will expire



Storm and Surface Water Fund

D-64 Infrastructure Rehab

	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)	0.8	1.4	1.5	1.5	1.6	1.8	1.9	–	–	10.5
Proposed 2021-27 CIP (\$ M)	–	–	2.4	1.4	1.5	1.6	2.0	2.1	2.1	13.1
Difference (\$M)	--	--	0.9	(0.1)	(0.1)	(0.2)	0.1	--	--	2.6

- Maintain existing scope of program
- \$1M budget request in 2021 to offset West Lake Sammamish Parkway Emergency Repair



Storm and Surface Water Fund

D-81 Fish Passage Improvement

	Adopted		Proposed							
	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)	0.4	0	0	0.3	0.7	0.6	0.5			2.5
Proposed 2021-27 CIP (\$ M)			0	0.4	0.1	0.2	0.6	0.5	0	1.8
Difference (\$M)	n/a	n/a	0	0.1	(0.6)	(0.4)	0.1			(0.7)

- Reduced funding request
- Added preliminary engineering and design for Coal Creek Fish Passage Project near I-405
- Watershed Management Plan will identify future projects/funding needs for this program



Storm and Surface Water Fund

D-86 Stream Channel Modification

	Adopted		Proposed							
	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)	0.7	0.2	0.2	0.4	0.5	1.0	0.7			3.6
Proposed 2021-27 CIP (\$ M)			1.4	0.2	0.2		0	0.4	1.0	3.2
Difference (\$M)			1.2	(0.2)	(0.3)	(1.0)	(0.7)			(0.4)

- \$1.3M Kelsey Creek at Glendale channel improvements scope change
- Add Preliminary Engineering and Design for Coal Creek Off-Channel Sediment Pond
- Fewer projects identified until completion of Watershed Management Plan



Storm and Surface Water Fund

D-94 Flood Control Program

	Adopted		Proposed							
	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)	1.5	0	0.3	0.7	1.9	0.7	0.7			5.8
Proposed 2021-27 CIP (\$ M)			3.0	2.5	2.0	0.5	0.5	0.5	0.5	9.5
Difference (\$M)			2.7	1.8	0.1	(0.2)	(0.2)			3.7

- Cost estimates revised for Valley and NE 21st and Meydenbauer/NE 8th & 100th
- 2 new projects added for Kelsey Creek near Lake Hills Boulevard



Storm and Surface Water Fund

D-114 Factoria Boulevard/Richards Creek Flood Reduction (New)

	Adopted		Proposed							
	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)										
Proposed 2021-27 CIP (\$ M)			5.2	4.1						9.3
Difference (\$M)			5.2	4.1						9.3

- New project to reduce flooding on Factoria Blvd
- Revised cost estimates include complex design, permitting, and construction on a major arterial
- \$6.8M Funded by King County Flood District CIP



Storm and Surface Water Fund

D-103 Replace Coal Creek Parkway Culvert

	Adopted		Proposed							
	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)	0.03	0	0	0	0	0	0			0.03
Proposed 2021-27 CIP (\$ M)			0.05							0.05
Difference (\$M)	--	--	0.05					--	--	0.02

- Complete required post-construction monitoring



Storm and Surface Water Fund

D-109 Storm Water Quality Retrofit Program

	Adopted		Proposed							
	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)	0.3	0								0.3
Proposed 2021-27 CIP (\$ M)				0.8						0.8
Difference (\$M)	--	--		0.8				--	--	0.5

- 2 Water Quality Retrofit Projects to meet anticipated regulatory requirements
- Watershed Management Plan will identify future projects/funding needs for this program



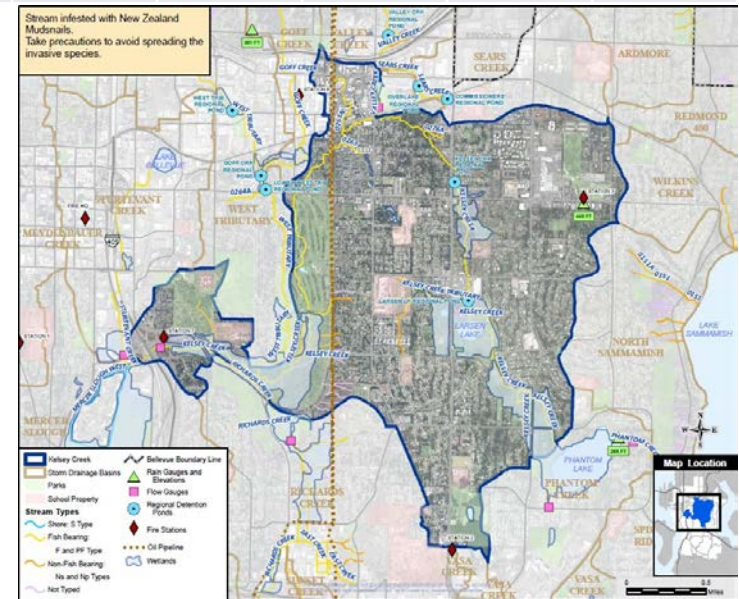
Storm and Surface Water Fund

D-112 Storm and Surface Water Planning Program (New)

	Adopted		Proposed							
	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)										
Proposed 2021-27 CIP (\$ M)			0.6	0.6	0.2			0.3	0.3	2.0
Difference (\$M)			0.6	0.6	0.2			0.3	0.3	2.0

3-specific planning studies to identify capital projects to improve stream health, evaluate detention facilities, and assess stream culverts

- Watershed Management Plan
- Stream culvert condition assessment
- Regional Detention Facilities Evaluation

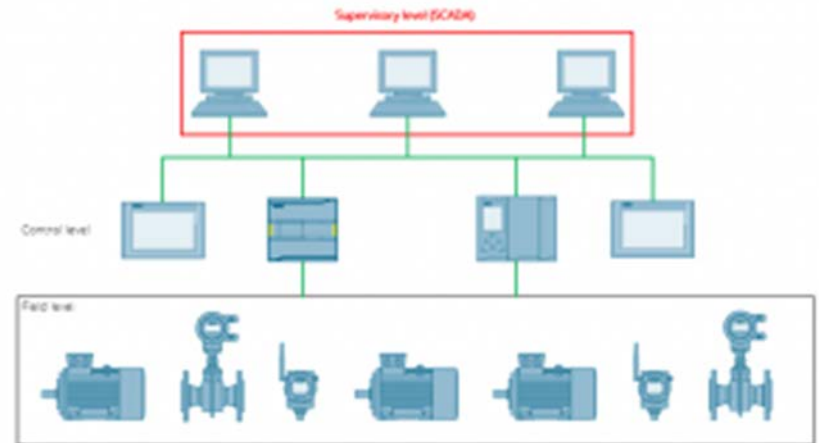


Storm and Surface Water Fund

D-115 SCADA Upgrades (New)

	Adopted		Proposed							
	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)										
Proposed 2021-27 CIP (\$ M)			0.6	0.2	0			0.6		1.4
Difference (\$M)			0.6	0.2	0			0.6		1.4

New program to fund R&R of telemetry systems



Storm and Surface Water Fund

D-116 Post-Construction Monitoring and Maintenance (New)

	Adopted		Proposed							
	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Adopted 2019-25 CIP (\$ M)										
Proposed 2021-27 CIP (\$ M)			0.2	0.2	0.3	0.2	0.1	.04	.04	1.1
Difference (\$M)			0.2	0.2	0.3	0.2	0.1	.04	.04	1.1

New program to fund post-construction permit monitoring and maintenance for 16-recently (past 5-7 years) constructed projects



2021-2027 CIP - Key Points

- CIP delivery ensures sustainable utility services to our customers.
- Continued investment in:
 - R&R for Aging Infrastructure
 - Support Community Growth
 - Environmental Stewardship
 - Service Enhancement
 - Regulatory Compliance
 - Leveraging Technology
- Improved CIP Development Process
 - Scoping, scheduling and cost estimating
 - Capacity to deliver



2021-2027 CIP Budget Schedule

(Subject to Change)

- June 23rd:** Proposed 2021-2027 CIP- ESC Review and Discussion
- July 16th :** CIP On-line Open House Results
2021-2027 CIP Budget Proposals Submitted to ESC
- August 6th:** Operating and Capital Budget Follow-up
- Sept. 3rd:** Budget Follow-up
- October 1st:** Budget and Rates Recommendation to Council



Questions/Comments ?

