

Thurston PUD
2025 Adopted 1st Amended Capital Budget

	2025 Adopted Budget	Revision	2025 Adopted 1st Amended Budget
Capital Fund Estimated Beginning Fund Balance	2,202,433		2,920,168

Capital Improvements

Project Code	Water System	Project Description			
CI-41	Multiple	Isolation Valve Maintenance	100,000	-	100,000
CI-44	Multiple	Rebuild Pumphouses	100,000	-	100,000
CI-50	600	Tanglewilde Mainline Replacement (<i>Years 2025 - 2027</i>)	10,000,000	-	10,000,000
CI-50	628	Timberline Village Mainline Replacement	-	82,500	82,500
CI-62	Multiple	Existing Treatment Replacements	125,000	-	125,000
CI-63	369	Loma Vista New Treatment	-	200,000	200,000
CI-65	Multiple	Replace Plumbing/Pressure Tanks	100,000	-	100,000
CI-66	Multiple	System Upgrades	150,000	-	150,000
CI-68	Multiple	Replace/Rehabilitate Wells	100,000	-	100,000
CI-71	Multiple	Electrical Controls Upgrades	75,000	-	75,000
CI-75	Multiple	Source and Service Meter Replacement	125,000	-	125,000
CI-76	Multiple	Well and Booster Pump Replacement	200,000	-	200,000
CI-87	677	Cedar Shores Generator	-	83,494	83,494
CI-89	215	Deschutes Glen Reservoir Replacement	35,000	-	35,000
CI-96	Multiple	Sampling Stations	10,000	-	10,000
CI-98	Multiple	New Meter Installation	75,000	-	75,000
CI-100	Multiple	Water System Consolidation (<i>Years 2025 - 2026</i>)	1,488,813	-	1,488,813
CI-105	Multiple	Water Systems Emergency Preparedness	22,000	-	22,000
CI-106	500	Pattison Infrastructure Replacement and Upgrades	7,270,213	-	7,270,213
CI-109	Multiple	PFAS/PFOA Treatment - 10 Water Systems (<i>Years 2025-2026</i>)	8,534,826	-	8,534,826
CI-110	690	Meadows Generator and Two Portable Generators	-	122,054	122,054
CI-111	679	Green Cove Culvert Replacement	1,041,667	-	1,041,667
CI-112	N/A	District Chlorine Plant (<i>Years 2025 - 2027</i>)	80,000	-	80,000
CI-113	Multiple	Water Systems Chlorine Analyzers & Telemetry	100,000	-	100,000
		<i>20% Contingency on Asset Management Plan Estimates</i>	227,000	-	227,000
Subtotal - Capital Improvements			29,959,519	488,048	30,447,567

Water System Management

WM-1	N/A	Acquisitions and Disposal of Water Systems	50,000	-	50,000
WM-4	N/A	Water System Plan - Part B	25,000	-	25,000
WM-28	Multiple	New Service Lines	-	100,000	100,000
WM-33	N/A	Easements	30,000	-	30,000
WM-38	N/A	Geographic Information System (GIS) Program	15,000	-	15,000
Subtotal - Water System Management			120,000	100,000	220,000
Total - Capital Improvement Program			30,079,519	588,048	30,667,567

Funding Sources

	Transfer from Capital Surcharges	1,387,000	-	1,387,000
	Transfer from Cedar Shores Generator Capital Surcharges	-	83,494	83,494
	Project Fund	2,518,526	200,000	2,718,526
	General Facility Charge (GFC) Fund	70,000	182,500	252,500
	PWTF Loan - Tanglewilde Mainline Replacement	10,000,000	-	10,000,000
	DWSRF Loan - Pattison Infrastructure Replacement and Upgrades	3,141,500	-	3,141,500
	DWSRF Loan - Water System Consolidation	1,463,813	-	1,463,813
	DWSRF Grants - PFOA/PFAS Treatment	5,621,437	-	5,621,437
	FEMA Grant - Water System Generator and Two Portable Generators	-	122,054	122,054
	Developer Deposit - Pattison Reservoir Expansion	1,992,187	-	1,992,187
	Culvert Replacement - State Capital Budget Funding	166,667	-	166,667
	Culvert Replacement - Federal Funding	875,000	-	875,000
	Additional Funding Needed (Loan, Grant or Bond)	2,913,389	-	2,913,389
Total - Funding		30,149,519	588,048	30,737,567
Capital Fund Estimated Ending Fund Balance		2,272,433	-	2,990,168

2025 Adopted 1st Amended Capital Budget - Project Code Explanations

The Capital Budget proposed revisions are marked in **red**.

CI-41 Isolation Valve Maintenance: Project to ensure all isolation valves are in working order so that when needed, the mainline can be shut down in sections to do repairs. This reduces the number of customers affected by any planned or emergency repair on the mainline or service connections. Projects identified in the Asset Management Plan are funded by capital surcharges.

CI-44 Rebuild Pumphouses: Project to rebuild pumphouses that are at the end of their useful lives. Asset Management Plan. Projects identified in the Asset Management Plan are funded by capital surcharges.

CI-50: Tanglewilde Mainline Replacement: This project includes replacement of water mains, valves, hydrants, lateral lines, and meter boxes to the customers service line. Currently we have obtained a \$10 million-dollar Public Works Trust Fund (PWTF) loan which will replace approximately 10,000 linear feet of mainline and be completed in a multi-year project of 4 phases (2025 – 2027). Total replacement will require additional funding.

CI-50 Timberline Village Mainline Replacement: This project includes replacement of water mains, valves, lateral lines, meter setters and boxes. This project will be funded by General Facility Charge (GFC) monies.

CI-63 Loma Vista New Treatment: This project includes the installation of treatment to remove iron and manganese. This is new infrastructure, funded with project funds.

CI-62 Existing Treatment Replacements: Annual program to replace critical equipment needed for treatment on existing water systems. Projects identified in the Asset Management Plan are funded by capital surcharges.

CI-65 Replace Plumbing/Pressure Tanks: Annual program to replace pressure tanks and plumbing in the pump houses. Projects identified in the Asset Management Plan are funded by capital surcharges.

CI-66 System Upgrades: Annual program to enhance the life of the asset or solve issues identified by DOH as they arise. We can't always project where the failures will be. We analyze historical costs to determine the average cost and use this for miscellaneous projects. Projects identified in the Asset Management Plan are funded by capital surcharges.

CI-68 Replace/Rehabilitate Wells: Annual program to replace or rehabilitate existing wells which could include total replacement, drilling deeper, and/or scrubbing and cleaning well for better water production. Projects identified in the Asset Management Plan are funded by capital surcharges.

2025 Adopted 1st Amended Capital Budget - Project Code

Explanations, continued

CI-71 Electrical Controls Upgrades: Annual program to resolve issues with pumping controls and electrical wiring in pump houses. Projects identified in the Asset Management Plan are funded by capital surcharges.

CI-75 Source and Service Meter Replacement: Annual program to replace service and source meters as needed. Projects identified in the Asset Management Plan are funded by capital surcharges.

CI-76 Well and Booster Pump Replacement: Annual program to replace well and booster pumps. Projects identified in the Asset Management Plan are funded by capital surcharges.

CI-87 Cedar Shores Generator: This is a new project to install a generator at the Cedar Shores Water System. In accordance with the District's Generator Program, the Cedar Shores property owners successfully voted to have a generator installed. This new infrastructure will be fully funded by a special generator surcharge paid for by all Cedar Shores customers.

CI-89 Deschutes Glen Reservoir Replacement: This project includes replacing the reservoir and pumphouse. This project is identified in the Asset Management Plan and will be funded by capital surcharges.

CI-96 Sampling Stations: Project to install sampling stations on water systems to make it more efficient and accurate to take required water samples. This is new infrastructure and will be funded with project funds or other funding available for new infrastructure.

CI-98 New Meter Installation: Project to install meters at customer property where there was not previously a meter and where the customer has been paying the higher unmetered rate. This is new infrastructure and will be funded with project funds or other funding available for new infrastructure.

CI-100 Water System Consolidations: The Prairie Ridge Consolidation project includes the combining of three Group A water systems. Drinking Water State Revolving Fund Loan (DWSRF) was obtained to complete this multi-year project (2025 -2026). Additionally, the Countrywood Estates & Talcott Ridge Consolidation project will be completed by District staff and funded with capital surcharges.

CI-105 Water System Emergency Preparedness: This project includes the installation of water trees. This is new infrastructure and will be funded with project funds or other funding available for new infrastructure.

2025 Adopted 1st Amended Capital Budget - Project Code

Explanations, continued

CI-106 Pattison Infrastructure Replacement and Upgrades (DWSRF) This project includes installing a new well, booster pump stations, and reservoir. Drinking Water State Revolving Fund (DWSRF) Loan and Grant funding was obtained to complete this project. Separate from the DWSRF project, the reservoir at Pattison Water System is being upsized to provide water service for additional connections. This is new infrastructure, funded by project funds and a community developer.

CI-109 PFOA/PFAS Treatment: This project includes the installation of treatment to remove Per- and polyfluoroalkyl substances (PFAS) at ten (10) water systems. These projects will require new infrastructure. Drinking Water State Revolving Fund (DWSRF) Grant funding for two (2) years (2025 – 2026) was obtained for six (6) water systems. District staff is seeking funding for PFAS Remediation on the remaining four (4) water systems.

CI-110 Meadows Generator and Two Portable Generators: Project to acquire two (2) portable generators and install one (1) permanent generator at the Meadows Water System to reduce the delay in restoring power to operate water systems during an emergency. Federal Emergency Management Agency (FEMA) Hazard Mitigation grant was obtained to fund this project.

CI-111 Green Cove Culvert Replacement: Thurston County Public Works has determined the culvert carrying Green Cove Creek under Country Club Road NW is collapsing. This project will require a temporary water main during construction to maintain service as well as installation of a new, permanent water main after construction is complete. The State Capital Budget has a Culvert Replacement fund allocation of \$1,000,000 to be shared among six (6) PUDs. Additionally, Congresswoman Strickland is providing federal funding up to 80% of the project costs.

CI-112 District Chlorine Plant: This multi-year (2025 – 2027) project includes the installation of a chlorine plant at the Pattison Christmas Tree and the Tanglewilde Thompson Place well sites. This is new infrastructure and will be funded by project funds or other funding available for new infrastructure.

CI-113 Water Systems Chlorine Analyzers & Telemetry: This project includes the implementation of chlorine analyzers & telemetry system at water systems to allow District Management to monitor the chlorine residuals remotely. Adjustments to the chlorine levels will be performed in-person by the District's Field Operations Team. This is new infrastructure, funded by General Facility Charges (GFCs).

Contingency: This line item is reserved for contingency on all Asset Management Plan project estimates.

WM-1 Acquisition and Disposal of New Water Systems: Line item reserved to provide funding to evaluate water systems for acquisition or disposal. This project is funded by project funds or other available funding sources.

2025 Adopted 1st Amended Capital Budget - Project Code Explanations, continued

WM-4 Water System Plan – Part B: Line item to track the cost of updates to the water system plans or small water system management plans for individual water systems. This project is funded by capital surcharges.

WM-28 New Service Lines: This project includes materials and labor to install new service lines for new customers. Project is funded by General Facility Charge (GFC) monies.

WM-33 Easements: Line item for expenditures associated with the negotiation and recording of new easements for the District's water system infrastructure. This project is funded by project funds or other available funding sources.

WM-38 Geographic Information System (GIS) Program: This line item is for the purchase of equipment needed for the District's GIS Program. This project is funded by project funds or other available funding sources.

2025 Adopted 1st Amended Capital Budget - Funding Sources

After projects are identified, it is the District's guiding principle for funding to first determine if the project should be funded with District reserves including capital surcharges, general facility charges or water rate revenue. Next, District staff will research available funding through state agencies. As a last resort, the District will use available project funds to pay for projects.

Transfer from Capital Surcharges: Amounts held in reserve from previous surcharge collection.

Project Fund: Amounts obtained from financing to use for capital projects.

General Facilities Charge (GFC) Fund: Current (2025) fee is \$7,000, paid by customers for new services.

PWTF Loan: The District was awarded a loan from the Public Works Trust Fund for the Tanglewilde Mainline Replacement project.

DWSRF Loans and Grants: The District was awarded and accepted loans with loan forgiveness from the Drinking Water State Revolving Fund for water system improvements, consolidation and PFOA/PFAS Treatment.

Proposed Additional Loan/Grant Funding Needed: The District will pursue outside sources of funding to complete this portion of the capital budget.