

Funded Projects

Overview

The Water Capital Improvement Program provides for the planning, engineering, and construction of improvements to the City's drinking water system. The program includes projects for installing new distribution system water lines, replacing existing water lines, expanding new groundwater sources, as well as proactive assessments of critical mains and safeguards for vital facilities such as seismic upgrades. These projects align with the latest Water System Master Plan, adopted by the City Council December 2022.

Highlights

Two of the primary goals of the Water Program are to:

1. Ensure that this community's drinking water supplies are protected, available, and affordable now and into the future.
2. Continually evaluate, and change when possible, business methods so they align with the City's sustainability directives.

In alignment with these goals, and after extensive analysis and community outreach, the City is developing its groundwater system, in partnership with Rockwood Water People's Utility District, to move off City of Portland-supplied water by 2026. Without this course of action, significant projected rate increases would be required, as the Portland Water Bureau will need to construct a new filtration facility to meet Federal regulations regarding the treatment of Bull Run water for microbial pathogens. The cost of Portland's treatment facility, estimated at \$2 billion, would be shared by all customers. Gresham's share of that total would exceed the amount required to alternately invest in and fully develop our own groundwater system. Thus, Gresham's move to water independence is expected to provide the following benefits relative to the alternative: 1) lower long-term water rates, 2) more consistent water quality, 3) better earthquake-resistant reservoirs and transmission mains and 3) more control of water policy decisions.

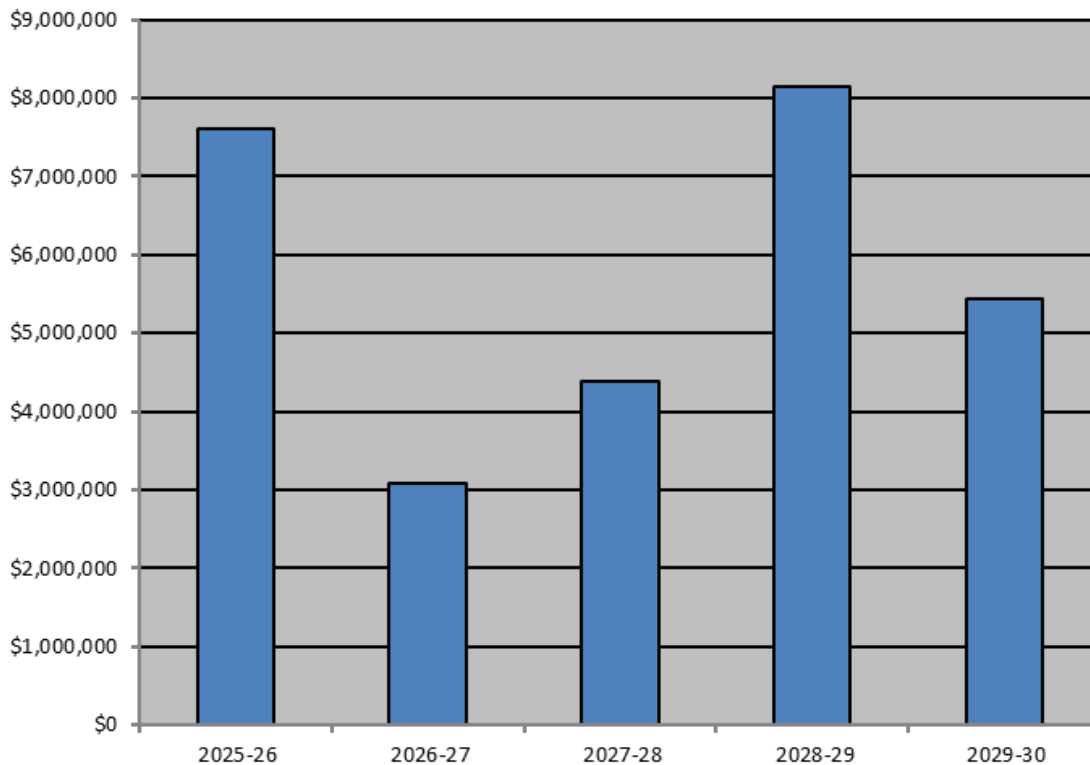
The following list of projects will construct Gresham's groundwater system:

1. Groundwater System Shared Infrastructure Reconciliation #CIPWT00035
2. Groundwater System - Water Supply #CIPWT00036
3. Groundwater System - Central Facilities #CIPWT00037
4. Groundwater System - Distribution Pipelines #CIPWT00038
5. Groundwater System - Implementation #CIPWT00047

In addition to the development of the groundwater system, the following list of CIP projects also support the goals of the Water Program:

1. Water Main Condition Assessment #CIPWT00017
2. Regner Reservoir Seismic Upgrade #CIPWT00034
3. Water Meter Replacement Program #CIPWT00040

Water Expenditure Graph by Fiscal Year



| Water Funded Summary | | | | | | | | |
|----------------------|---|------------|-----------|-----------|-----------|-----------|-----------|-------------|
| Project | Project Name | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total |
| CIPWT00001 | Water System Improvements | 228,918 | 60,000 | 60,000 | 100,000 | 100,000 | 75,000 | 623,918 |
| CIPWT00002 | Waterline Oversizing | 199,808 | 25,000 | 25,000 | 50,000 | 50,000 | 25,000 | 374,808 |
| CIPWT00003 | Water System and Supply Studies | 233,624 | 30,000 | 30,000 | 35,000 | 35,000 | 20,000 | 383,624 |
| CIPWT00005 | Minor Capital Maintenance Projects | 1,676,790 | 250,000 | 250,000 | 260,000 | 260,000 | 150,000 | 2,846,790 |
| CIPWT00017 | Water Main Condition Assessment | 251,402 | 260,000 | 280,000 | 300,000 | 320,000 | 275,000 | 1,686,402 |
| CIPWT00023 | Division Pump Station Replacement | 545,651 | 0 | 0 | 0 | 0 | 0 | 545,651 |
| CIPWT00024 | South Hills Seismic Pipeline | 0 | 0 | 500,000 | 760,000 | 0 | 0 | 1,260,000 |
| CIPWT00034 | Regner Reservoir Seismic Upgrade | 1,300,000 | 0 | 0 | 0 | 0 | 0 | 1,300,000 |
| CIPWT00035 | Groundwater System Shared Infrastructure Reconciliation | 2,000,000 | 450,000 | 0 | 0 | 0 | 0 | 2,450,000 |
| CIPWT00036 | Groundwater System - Water Supply | 24,760,864 | 5,107,515 | 0 | 0 | 0 | 0 | 29,868,379 |
| CIPWT00037 | Groundwater System - Central Facilities | 32,372,933 | 0 | 0 | 0 | 0 | 0 | 32,372,933 |
| CIPWT00038 | Groundwater System - Distribution Pipelines | 13,361,998 | 0 | 0 | 0 | 0 | 0 | 13,361,998 |
| CIPWT00039 | Pump Station Generator Improvements | 0 | 165,600 | 386,400 | 0 | 0 | 0 | 552,000 |
| CIPWT00040 | Water Meter Replacement Program | 998,641 | 250,000 | 500,000 | 500,000 | 1,000,000 | 650,000 | 3,898,641 |
| CIPWT00041 | Pipeline Renewal and Replacement Program | 0 | 500,000 | 500,000 | 1,000,000 | 3,660,000 | 2,750,000 | 8,410,000 |
| CIPWT00042 | Fire Flow Improvements Program | 0 | 500,000 | 500,000 | 1,000,000 | 2,000,000 | 1,500,000 | 5,500,000 |
| CIPWT00047 | Groundwater System - Implementation | 499,201 | 0 | 0 | 0 | 0 | 0 | 499,201 |
| CIPWT00048 | Gabbert Pump Station Seismic Upgrade | 0 | 0 | 0 | 175,000 | 525,000 | 0 | 700,000 |
| CIPWT00050 | Pleasant View Bridge Waterline | 0 | 0 | 50,000 | 200,000 | 0 | 0 | 250,000 |
| CIPWT00051 | Salquist Pump Station Seismic Upgrade | 0 | 0 | 0 | 0 | 200,000 | 0 | 200,000 |
| Grand Total | | 78,429,830 | 7,598,115 | 3,081,400 | 4,380,000 | 8,150,000 | 5,445,000 | 107,084,345 |

| Water Funded Summary by Resource | | | | | | | | |
|----------------------------------|-------------------|------------------|------------------|------------------|------------------|------------------|--------------------|--|
| Description | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total | |
| Debt-Operating | 49,760,944 | 1,691,654 | 0 | 0 | 0 | 0 | 51,452,598 | |
| Debt-SDC | 12,425,625 | 355,032 | 25,000 | 50,000 | 50,000 | 25,000 | 12,930,657 | |
| Grant | 2,207,218 | 0 | 0 | 0 | 0 | 0 | 2,207,218 | |
| IGA | 10,101,017 | 3,535,829 | 0 | 0 | 0 | 0 | 13,636,846 | |
| Operating | 1,858,225 | 1,005,600 | 1,976,400 | 2,570,000 | 3,860,000 | 2,245,000 | 13,515,225 | |
| Repair/Replacement Reserves | 2,076,801 | 1,010,000 | 1,080,000 | 1,760,000 | 4,240,000 | 3,175,000 | 13,341,801 | |
| Grand Total | 78,429,830 | 7,598,115 | 3,081,400 | 4,380,000 | 8,150,000 | 5,445,000 | 107,084,345 | |

| Water Funded Resource Detail | | | | | | | | | | | |
|------------------------------|---|----------------|------------|-----------|---------|-----------|-----------|-----------|------------|--|--|
| Project | Project Name | Description | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total | | |
| CIPWT00001 | Water System Improvements | Operating | 228,918 | 60,000 | 60,000 | 100,000 | 100,000 | 75,000 | 623,918 | | |
| CIPWT00001 Total | | | 228,918 | 60,000 | 60,000 | 100,000 | 100,000 | 75,000 | 623,918 | | |
| CIPWT00002 | Waterline Oversizing | Debt-SDC | 199,808 | 25,000 | 25,000 | 50,000 | 50,000 | 25,000 | 374,808 | | |
| CIPWT00002 Total | | | 199,808 | 25,000 | 25,000 | 50,000 | 50,000 | 25,000 | 374,808 | | |
| CIPWT00003 | Water System and Supply Studies | Operating | 233,624 | 30,000 | 30,000 | 35,000 | 35,000 | 20,000 | 383,624 | | |
| CIPWT00003 Total | | | 233,624 | 30,000 | 30,000 | 35,000 | 35,000 | 20,000 | 383,624 | | |
| CIPWT00005 | Minor Capital Maintenance Projects | Repair/Replace | 1,676,790 | 250,000 | 250,000 | 260,000 | 260,000 | 150,000 | 2,846,790 | | |
| CIPWT00005 Total | | | 1,676,790 | 250,000 | 250,000 | 260,000 | 260,000 | 150,000 | 2,846,790 | | |
| CIPWT00017 | Water Main Condition Assessment | Repair/Replace | 251,402 | 260,000 | 280,000 | 300,000 | 320,000 | 275,000 | 1,686,402 | | |
| CIPWT00017 Total | | | 251,402 | 260,000 | 280,000 | 300,000 | 320,000 | 275,000 | 1,686,402 | | |
| CIPWT00023 | Division Pump Station Replacement | Operating | 397,042 | 0 | 0 | 0 | 0 | 0 | 397,042 | | |
| CIPWT00023 Total | | | 397,042 | 0 | 0 | 0 | 0 | 0 | 397,042 | | |
| CIPWT00024 | South Hills Seismic Pipeline | Repair/Replace | 148,609 | 0 | 0 | 0 | 0 | 0 | 148,609 | | |
| CIPWT00024 Total | | | 148,609 | 0 | 0 | 0 | 0 | 0 | 148,609 | | |
| CIPWT00024 | South Hills Seismic Pipeline | Operating | 545,651 | 0 | 0 | 0 | 0 | 0 | 545,651 | | |
| CIPWT00024 Total | | | 545,651 | 0 | 0 | 0 | 0 | 0 | 545,651 | | |
| CIPWT00034 | Regner Reservoir Seismic Upgrade | Operating | 0 | 0 | 500,000 | 760,000 | 0 | 0 | 1,260,000 | | |
| CIPWT00034 Total | | | 0 | 0 | 500,000 | 760,000 | 0 | 0 | 1,260,000 | | |
| CIPWT00034 | Regner Reservoir Seismic Upgrade | Debt-Operating | 592,782 | 0 | 0 | 0 | 0 | 0 | 592,782 | | |
| CIPWT00034 Total | | | 592,782 | 0 | 0 | 0 | 0 | 0 | 592,782 | | |
| CIPWT00034 | Regner Reservoir Seismic Upgrade | Grant | 707,218 | 0 | 0 | 0 | 0 | 0 | 707,218 | | |
| CIPWT00034 Total | | | 707,218 | 0 | 0 | 0 | 0 | 0 | 707,218 | | |
| CIPWT00034 | Regner Reservoir Seismic Upgrade | Debt-Operating | 1,300,000 | 0 | 0 | 0 | 0 | 0 | 1,300,000 | | |
| CIPWT00034 Total | | | 1,300,000 | 0 | 0 | 0 | 0 | 0 | 1,300,000 | | |
| CIPWT00035 | Groundwater System Shared Infrastructure Reconciliation | Debt-Operating | 2,000,000 | 450,000 | 0 | 0 | 0 | 0 | 2,450,000 | | |
| CIPWT00035 Total | | | 2,000,000 | 450,000 | 0 | 0 | 0 | 0 | 2,450,000 | | |
| CIPWT00036 | Groundwater System - Water Supply | Debt-Operating | 13,891,429 | 1,241,654 | 0 | 0 | 0 | 0 | 15,133,083 | | |
| CIPWT00036 Total | | | 13,891,429 | 1,241,654 | 0 | 0 | 0 | 0 | 15,133,083 | | |
| CIPWT00036 | Groundwater System - Water Supply | Debt-SDC | 3,691,336 | 330,032 | 0 | 0 | 0 | 0 | 4,021,368 | | |
| CIPWT00036 Total | | | 3,691,336 | 330,032 | 0 | 0 | 0 | 0 | 4,021,368 | | |
| CIPWT00036 | Groundwater System - Water Supply | IGA | 7,178,099 | 3,535,829 | 0 | 0 | 0 | 0 | 10,713,928 | | |
| CIPWT00036 Total | | | 7,178,099 | 3,535,829 | 0 | 0 | 0 | 0 | 10,713,928 | | |
| CIPWT00037 | Groundwater System - Central Facilities | Debt-Operating | 24,760,864 | 5,107,515 | 0 | 0 | 0 | 0 | 29,868,379 | | |
| CIPWT00037 Total | | | 24,760,864 | 5,107,515 | 0 | 0 | 0 | 0 | 29,868,379 | | |
| CIPWT00037 | Groundwater System - Central Facilities | Debt-SDC | 24,530,659 | 0 | 0 | 0 | 0 | 0 | 24,530,659 | | |
| CIPWT00037 Total | | | 24,530,659 | 0 | 0 | 0 | 0 | 0 | 24,530,659 | | |
| CIPWT00037 | Groundwater System - Central Facilities | Grant | 6,342,274 | 0 | 0 | 0 | 0 | 0 | 6,342,274 | | |
| CIPWT00037 Total | | | 6,342,274 | 0 | 0 | 0 | 0 | 0 | 6,342,274 | | |
| CIPWT00037 | Groundwater System - Central Facilities | Grant | 1,500,000 | 0 | 0 | 0 | 0 | 0 | 1,500,000 | | |
| CIPWT00037 Total | | | 1,500,000 | 0 | 0 | 0 | 0 | 0 | 1,500,000 | | |
| CIPWT00038 | Groundwater System - Distribution Pipelines | Debt-Operating | 32,372,933 | 0 | 0 | 0 | 0 | 0 | 32,372,933 | | |
| CIPWT00038 Total | | | 32,372,933 | 0 | 0 | 0 | 0 | 0 | 32,372,933 | | |
| CIPWT00038 | Groundwater System - Distribution Pipelines | Debt-SDC | 8,246,873 | 0 | 0 | 0 | 0 | 0 | 8,246,873 | | |
| CIPWT00038 Total | | | 8,246,873 | 0 | 0 | 0 | 0 | 0 | 8,246,873 | | |
| CIPWT00038 | Groundwater System - Distribution Pipelines | IGA | 2,192,207 | 0 | 0 | 0 | 0 | 0 | 2,192,207 | | |
| CIPWT00038 Total | | | 2,192,207 | 0 | 0 | 0 | 0 | 0 | 2,192,207 | | |
| CIPWT00038 | Groundwater System - Distribution Pipelines | Operating | 2,922,918 | 0 | 0 | 0 | 0 | 0 | 2,922,918 | | |
| CIPWT00038 Total | | | 2,922,918 | 0 | 0 | 0 | 0 | 0 | 2,922,918 | | |
| CIPWT00039 | Pump Station Generator Improvements | Operating | 13,361,998 | 0 | 0 | 0 | 0 | 0 | 13,361,998 | | |
| CIPWT00039 Total | | | 13,361,998 | 0 | 0 | 0 | 0 | 0 | 13,361,998 | | |
| CIPWT00039 | Pump Station Generator Improvements | Operating | 0 | 165,600 | 386,400 | 0 | 0 | 0 | 552,000 | | |
| CIPWT00039 Total | | | 0 | 165,600 | 386,400 | 0 | 0 | 0 | 552,000 | | |
| CIPWT00040 | Water Meter Replacement Program | Operating | 998,641 | 250,000 | 500,000 | 500,000 | 1,000,000 | 650,000 | 3,898,641 | | |
| CIPWT00040 Total | | | 998,641 | 250,000 | 500,000 | 500,000 | 1,000,000 | 650,000 | 3,898,641 | | |
| CIPWT00041 | Pipeline Renewal and Replacement Program | Repair/Replace | 0 | 500,000 | 500,000 | 1,000,000 | 3,660,000 | 2,750,000 | 8,410,000 | | |
| CIPWT00041 Total | | | 0 | 500,000 | 500,000 | 1,000,000 | 3,660,000 | 2,750,000 | 8,410,000 | | |
| CIPWT00042 | Fire Flow Improvements Program | Operating | 0 | 500,000 | 500,000 | 1,000,000 | 2,000,000 | 1,500,000 | 5,500,000 | | |
| CIPWT00042 Total | | | 0 | 500,000 | 500,000 | 1,000,000 | 2,000,000 | 1,500,000 | 5,500,000 | | |
| CIPWT00047 | Groundwater System - Implementation | Debt-Operating | 499,201 | 0 | 0 | 0 | 0 | 0 | 499,201 | | |
| CIPWT00047 Total | | | 499,201 | 0 | 0 | 0 | 0 | 0 | 499,201 | | |

| Water Funded Resource Detail | | | | | | | | | | |
|------------------------------|---------------------------------------|----------------|------------|-----------|-----------|-----------|-----------|-----------|-------------|--|
| Project | Project Name | Description | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total | |
| CIPWT00047 | Total | | 499,201 | 0 | 0 | 0 | 0 | 0 | 499,201 | |
| CIPWT00048 | Gabbert Pump Station Seismic Upgrade | Operating | 0 | 0 | 0 | 175,000 | 525,000 | 0 | 700,000 | |
| CIPWT00048 | Total | | 0 | 0 | 0 | 175,000 | 525,000 | 0 | 700,000 | |
| CIPWT00050 | Pleasant View Bridge Waterline | Repair/Replace | 0 | 0 | 50,000 | 200,000 | 0 | 0 | 250,000 | |
| CIPWT00050 | Total | | 0 | 0 | 50,000 | 200,000 | 0 | 0 | 250,000 | |
| CIPWT00051 | Salquist Pump Station Seismic Upgrade | Operating | 0 | 0 | 0 | 0 | 200,000 | 0 | 200,000 | |
| CIPWT00051 | Total | | 0 | 0 | 0 | 0 | 200,000 | 0 | 200,000 | |
| Grand Total | | | 78,429,830 | 7,598,115 | 3,081,400 | 4,380,000 | 8,150,000 | 5,445,000 | 107,084,345 | |

FUNDED PROJECT
Water

CIPWT00001: Water System Improvements

Description: This project supports water system improvements such as waterline relocations and replacements, improvements necessary to retain water quality, improvements in support of other projects and facilities protection as needed. This project is located in various neighborhood districts within the City.

Justification: This project serves existing customers by protecting facilities during construction by others, and by maintaining service continuity, system reliability and fire protection. Some of these project costs are recoverable from and/or, reimbursable to, other public agencies, utilities or private developers. The desired outcome is to minimize service outages, protect the integrity of the system and maintain water quality. This project also replaces undersized facilities and relocates fire hydrants to meet ADA requirements as part of other small scale transportation related projects.

Type of Project: Repair and rehabilitation of facilities and utilities.



Estimated Dollars:

| Funds | Description | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total |
|-----------------|--------------------|---------|---------|---------|---------|---------|---------|---------|
| Resources | Operating | 228,918 | 60,000 | 60,000 | 100,000 | 100,000 | 75,000 | 623,918 |
| Resources Total | | 228,918 | 60,000 | 60,000 | 100,000 | 100,000 | 75,000 | 623,918 |
| Expenses | Design/Const Admin | 22,900 | 13,800 | 13,800 | 23,000 | 23,000 | 17,300 | 113,800 |
| | Construction | 177,918 | 38,800 | 38,800 | 64,700 | 64,700 | 48,500 | 433,418 |
| | Admin (14%) | 28,100 | 7,400 | 7,400 | 12,300 | 12,300 | 9,200 | 76,700 |
| Expenses Total | | 228,918 | 60,000 | 60,000 | 100,000 | 100,000 | 75,000 | 623,918 |

FUNDED PROJECT
Water

CIPWT00002: Waterline Oversizing

Description: This project represents City contributions to miscellaneous oversizing of waterlines designated in the Water Master Plan or system modeling. Gresham will consider cost reimbursements, as established by Council resolution, for waterline oversizing above 8" in size and updates for new hydrant installations, if required by the City. This project also supports construction of water facilities to provide additional fire flow to specific areas of the city. The project is located in various neighborhood districts. SDC project #OS-1.

Justification: These contributions allow the City to assist in or provide for the upgrade of inadequate facilities and improving fire flows that accommodate new development.

Type of Project: Construction of facilities and utilities for growth.



Estimated Dollars:

| Funds | Description | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total |
|-----------------|--------------------|---------|---------|---------|---------|---------|---------|---------|
| Resources | Debt-SDC | 199,808 | 25,000 | 25,000 | 50,000 | 50,000 | 25,000 | 374,808 |
| Resources Total | | 199,808 | 25,000 | 25,000 | 50,000 | 50,000 | 25,000 | 374,808 |
| Expenses | Design/Const Admin | 20,000 | 4,000 | 4,000 | 8,000 | 8,000 | 4,000 | 48,000 |
| | Construction | 155,308 | 17,930 | 17,930 | 35,860 | 35,860 | 17,900 | 280,788 |
| | Admin (14%) | 24,500 | 3,070 | 3,070 | 6,140 | 6,140 | 3,100 | 46,020 |
| Expenses Total | | 199,808 | 25,000 | 25,000 | 50,000 | 50,000 | 25,000 | 374,808 |

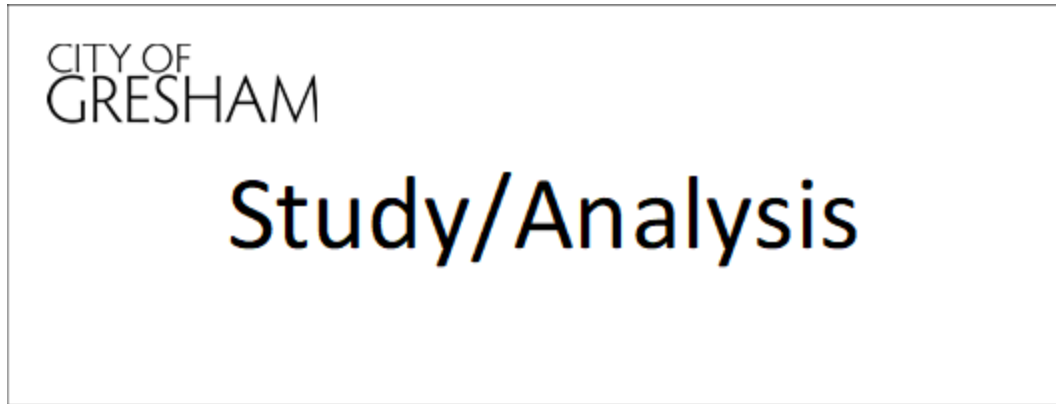
FUNDED PROJECT
Water

CIPWT00003: Water System and Supply Studies

Description: This project funds studies that evaluate water supply options for meeting current and future water system reliability and demands that help ensure the City's compliance with state and federal water system mandates. Included in this project is funding for utility supply investigations, studies of urban growth boundaries, water supply option evaluations, and water treatment and water quality evaluations and other studies related to water system operation . The study includes infrastructure, financing and programming elements: e.g., reservoir storage capacity, wholesale rates, wellhead protection and water conservation program requirements. The project supports water service levels and various neighborhood districts.

Justification: This project supports the evaluation of future impacts to Gresham from infrastructure improvements and expansions to the Portland Water Bureau source of supply or the improvements made to the groundwater source of supply as well as impacts due to state and federal drinking water regulations.

Type of Project: Engineering studies related to City services.



Estimated Dollars:

| Funds | Description | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total |
|-----------------|--------------------|---------|---------|---------|---------|---------|---------|---------|
| Resources | Operating | 233,624 | 30,000 | 30,000 | 35,000 | 35,000 | 20,000 | 383,624 |
| Resources Total | | 233,624 | 30,000 | 30,000 | 35,000 | 35,000 | 20,000 | 383,624 |
| Expenses | Design/Const Admin | 204,924 | 26,300 | 26,300 | 30,700 | 30,700 | 17,500 | 336,424 |
| | Admin (14%) | 28,700 | 3,700 | 3,700 | 4,300 | 4,300 | 2,500 | 47,200 |
| Expenses Total | | 233,624 | 30,000 | 30,000 | 35,000 | 35,000 | 20,000 | 383,624 |

FUNDED PROJECT
Water

CIPWT00005: Minor Capital Maintenance Projects

Description: This project constructs multiple small projects which are identified in Asset Management priorities or have been identified through the Operations or Engineering groups as needed. Projects will include replacement and/or rehabilitation of aging water system infrastructure which could include waterlines, pump stations, reservoirs, valves, hydrants and water meters. Larger projects have been separated into individual CIP projects for better tracking and management. Those projects may use funds from this CIP as needed as they serve the same purpose, except on a larger scale.

Justification: The Water System Asset Management strategy utilizes active and on-going condition assessment paired with component criticality to prioritize projects which are generally maintenance in nature and do not have an SDC component. The strategy examines system deficiencies within the existing water system.

Type of Project: Repair and rehabilitation of facilities and utilities to correct deficiencies.



Estimated Dollars:

| Funds | Description | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total |
|-----------------|-----------------------------|-----------|---------|---------|---------|---------|---------|-----------|
| Resources | Repair/Replacement Reserves | 1,676,790 | 250,000 | 250,000 | 260,000 | 260,000 | 150,000 | 2,846,790 |
| Resources Total | | 1,676,790 | 250,000 | 250,000 | 260,000 | 260,000 | 150,000 | 2,846,790 |
| Expenses | Design/Const Admin | 167,700 | 43,800 | 43,800 | 45,600 | 45,600 | 26,300 | 372,800 |
| | Construction | 1,303,190 | 175,500 | 175,500 | 182,500 | 182,500 | 105,300 | 2,124,490 |
| | Admin (14%) | 205,900 | 30,700 | 30,700 | 31,900 | 31,900 | 18,400 | 349,500 |
| Expenses Total | | 1,676,790 | 250,000 | 250,000 | 260,000 | 260,000 | 150,000 | 2,846,790 |

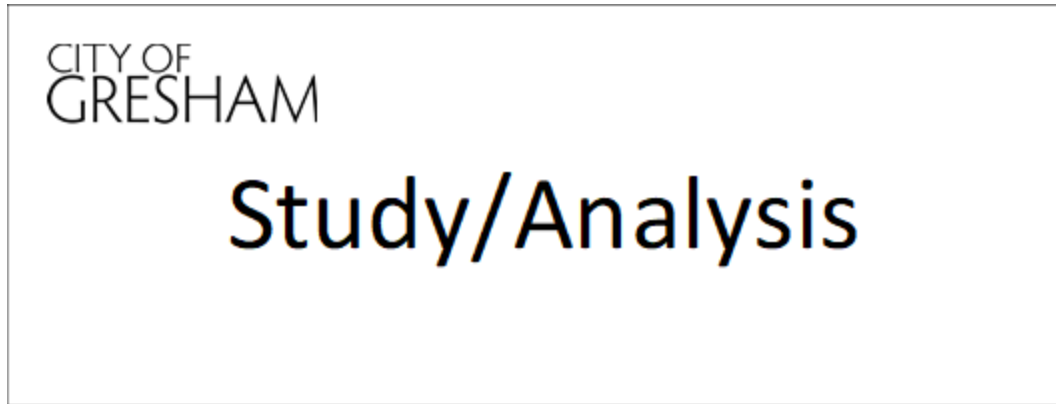
FUNDED PROJECT
Water

CIPWT00017: Water Main Condition Assessment

Description: This project continues the work done with the Condition Assessment of Critical Mains Phase I and II. Over the next 10 years the City will perform condition assessment on the water system distribution network installed before 1980. This data will be used to build the City's asset management data base and inform decision making regarding distribution system maintenance and replacement prioritization.

Justification: Assessing the condition of buried mains is critical to both understanding the useful life of the main as well as identifying potential failures that could be ready to surface. Critical mains will be identified by size, age, leak history and criticality. To determine condition, several methods may be employed dependent on pipe access, whether the pipe segment can be taken out of service and size and type of pipe material.

Type of Project: Study



Estimated Dollars:

| Funds | Description | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total |
|-----------------|-----------------------------|---------|---------|---------|---------|---------|---------|-----------|
| Resources | Repair/Replacement Reserves | 251,402 | 260,000 | 280,000 | 300,000 | 320,000 | 275,000 | 1,686,402 |
| Resources Total | | 251,402 | 260,000 | 280,000 | 300,000 | 320,000 | 275,000 | 1,686,402 |
| Expenses | Design/Const Admin | 220,502 | 228,100 | 245,600 | 263,200 | 280,700 | 241,200 | 1,479,302 |
| | Admin (14%) | 30,900 | 31,900 | 34,400 | 36,800 | 39,300 | 33,800 | 207,100 |
| Expenses Total | | 251,402 | 260,000 | 280,000 | 300,000 | 320,000 | 275,000 | 1,686,402 |

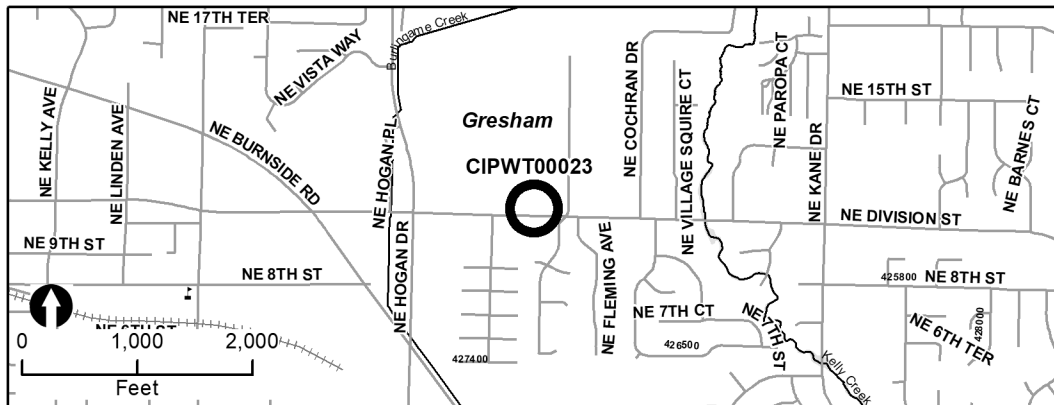
FUNDED PROJECT
Water

CIPWT00023: Division Pump Station Replacement

Description: This project replaces Division Pump Station. This project was identified in the 2016 Water System Resilience Plan. The Resilience Plan provided a preliminary evaluation of the pump station and associated appurtenances. The scope of this project includes a siting plan in 2024/25 through 2025/26 to determine where the new pump station will be located. Design and construction for the new pump station will be included in the 2029/30 budget.

Justification: In 2016, the City completed a water system seismic resiliency study and prepared a plan consistent with the recommendation of the 2013 State of Oregon Resilience Plan. This pump station has been identified with a high risk of failure by the City's plan. Constructing a new seismic resilient pump station will help assure continued water system operation in the event of a significant earthquake.

Type of Project: Repair and rehabilitation of facilities and utilities.



Estimated Dollars:

| Funds | Description | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total |
|------------------------|-----------------------------|----------------|----------|----------|----------|----------|----------|----------------|
| Resources | Operating | 397,042 | 0 | 0 | 0 | 0 | 0 | 397,042 |
| | Repair/Replacement Reserves | 148,609 | 0 | 0 | 0 | 0 | 0 | 148,609 |
| Resources Total | | 545,651 | 0 | 0 | 0 | 0 | 0 | 545,651 |
| Expenses | Design/Const Admin | 175,000 | 0 | 0 | 0 | 0 | 0 | 175,000 |
| | Construction | 303,651 | 0 | 0 | 0 | 0 | 0 | 303,651 |
| | Admin (14%) | 67,000 | 0 | 0 | 0 | 0 | 0 | 67,000 |
| Expenses Total | | 545,651 | 0 | 0 | 0 | 0 | 0 | 545,651 |

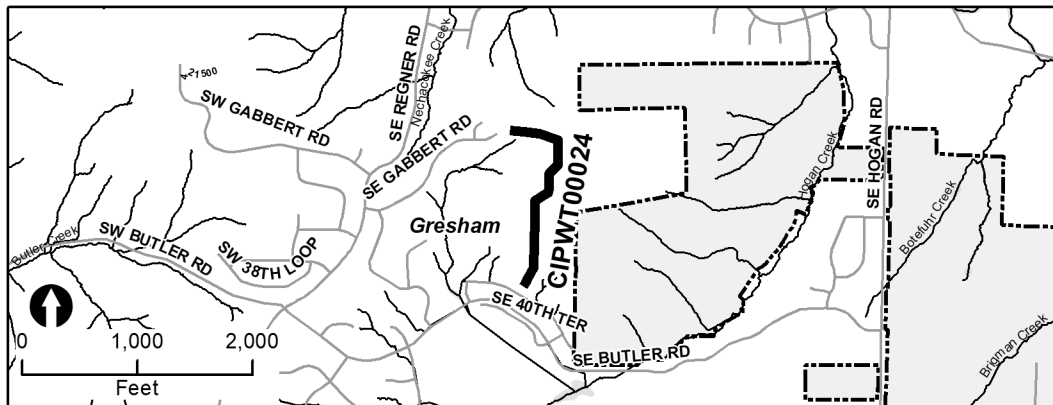
FUNDED PROJECT
Water

CIPWT00024: South Hills Seismic Pipeline

Description: This project replaces existing non-restrained joint ductile iron piping with specially designed earthquake resistant ductile iron piping. Approximately 1,258 linear feet of 16-inch ductile iron pipe will be replaced with 16-inch earthquake resistant ductile iron piping. This project is located on Hogan Butte on the East side of Gresham. The pipelines are the inlet / outlet piping of the South Hills reservoir along the steep slope areas of Hogan Butte which supplies water to the upper elevations of Southeast Gresham.

Justification: In 2016, the City completed a water system seismic resiliency study and prepared a plan consistent with the recommendation of the 2013 State of Oregon Resilience Plan. This pipeline has been identified with a high risk of failure by the City's plan. Replacement will help assure continued water system operation in the event of a significant earthquake.

Type of Project: Repair and rehabilitation of facilities and utilities.



Estimated Dollars:

| Funds | Description | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total |
|------------------------|--------------------|----------|----------|----------------|----------------|----------|----------|------------------|
| Resources | Operating | 0 | 0 | 500,000 | 760,000 | 0 | 0 | 1,260,000 |
| Resources Total | | 0 | 0 | 500,000 | 760,000 | 0 | 0 | 1,260,000 |
| Expenses | Design/Const Admin | 0 | 0 | 60,000 | 111,000 | 0 | 0 | 171,000 |
| | Construction | 0 | 0 | 378,600 | 555,700 | 0 | 0 | 934,300 |
| | Admin (14%) | 0 | 0 | 61,400 | 93,300 | 0 | 0 | 154,700 |
| Expenses Total | | 0 | 0 | 500,000 | 760,000 | 0 | 0 | 1,260,000 |

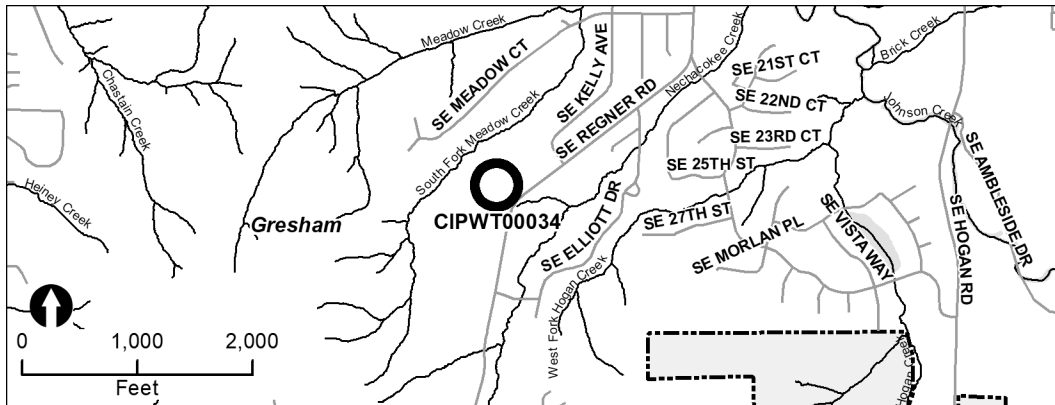
FUNDED PROJECT
Water

CIPWT00034: Regner Reservoir Seismic Upgrade

Description: The purpose of this project is to retrofit the existing Regner reservoir to comply with current seismic codes and meet the goals of the Seismic Resilience Plan; the improvements reduce the height of the water stored in the reservoir to prevent damage to the roof structure, reinforce the walls to resist damage in a significant seismic event, and modifies inlet/outlet piping for additional resilience. This project is located on Regner Road on the South side of Gresham. The project is partially funded through a FEMA Building Resilient Infrastructure and Communities (BRIC) grant that was awarded in 2024.

Justification: In 2016 the City completed a water system seismic resiliency study and prepared a plan consistent with the recommendation of the 2013 State of Oregon Resilience Plan. Replacement of these pipeline is one of the highest priority projects identified by the City's plan in order to help assure continued water system operation in the event of a significant earthquake.

Type of Project: Construction



Estimated Dollars:

| Funds | Description | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total |
|------------------------|--------------------|------------------|----------|----------|----------|----------|----------|------------------|
| Resources | Debt-Operating | 592,782 | 0 | 0 | 0 | 0 | 0 | 592,782 |
| | Grant | 707,218 | 0 | 0 | 0 | 0 | 0 | 707,218 |
| Resources Total | | 1,300,000 | 0 | 0 | 0 | 0 | 0 | 1,300,000 |
| Expenses | Design/Const Admin | 130,000 | 0 | 0 | 0 | 0 | 0 | 130,000 |
| | Construction | 1,010,400 | 0 | 0 | 0 | 0 | 0 | 1,010,400 |
| | Admin (14%) | 159,600 | 0 | 0 | 0 | 0 | 0 | 159,600 |
| Expenses Total | | 1,300,000 | 0 | 0 | 0 | 0 | 0 | 1,300,000 |

FUNDED PROJECT
Water

CIPWT00035: Groundwater System Shared Infrastructure Reconciliation

Description: This project will fund payment to the Rockwood Water People’s Utility District (RWPUD) for the City’s share of existing facilities and land paid by RWPUD. While the City and RWPUD are sharing construction costs of several new facilities during project development, these previously constructed facilities and land acquisitions were not shared. SDC project #ST4.

Justification: The City of Gresham is developing additional groundwater resources in order to maintain adequate supply and achieve water independence. This work is being done in partnership and under an Intergovernmental Agreement (IGA) with the Rockwood Water People’s Utility District (RWPUD).

Type of Project: Construction of facilities and utilities for growth.



Estimated Dollars:

| Funds | Description | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total |
|-----------------|----------------|-----------|---------|---------|---------|---------|---------|-----------|
| Resources | Debt-Operating | 2,000,000 | 450,000 | 0 | 0 | 0 | 0 | 2,450,000 |
| Resources Total | | 2,000,000 | 450,000 | 0 | 0 | 0 | 0 | 2,450,000 |
| Expenses | Other | 1,754,400 | 394,700 | 0 | 0 | 0 | 0 | 2,149,100 |
| | Admin (14%) | 245,600 | 55,300 | 0 | 0 | 0 | 0 | 300,900 |
| Expenses Total | | 2,000,000 | 450,000 | 0 | 0 | 0 | 0 | 2,450,000 |

FUNDED PROJECT
Water

CIPWT00036: Groundwater System – Water Supply

Description: This project will construct new production wells and the infrastructure to deliver the water to the City's distribution grid. The 5-year CIP includes well development at four discrete sites Cascade Well #6 (223rd), #7 (202nd), #9 (Kirk Park) and #10 (North Gresham Elementary). This project may be expanded beyond the 5-year window to develop additional wells needed for supply. This includes projects 8.1.3, 8.5, 8.6, and 8.7 from the Groundwater Development Master Plan. SDC projects #ST2-A, B, C, and D.

Justification: The City of Gresham is developing additional groundwater resources in order to maintain adequate supply and achieve water independence. Currently the City has developed 5 MGD with Cascade Well #5. Per the recommendation of the Groundwater Development Master Plan the City is planning to develop 13 MGD by 2026 and 17 MGD by 2045. This work is being done in partnership and under an Intergovernmental Agreement (IGA) with the Rockwood Water People's Utility District (RWPUD).

Type of Project: Development of Source.



Estimated Dollars:

| Funds | Description | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total |
|-----------------|--------------------|------------|-----------|---------|---------|---------|---------|------------|
| Resources | Debt-Operating | 13,891,429 | 1,241,654 | 0 | 0 | 0 | 0 | 15,133,083 |
| | Debt-SDC | 3,691,336 | 330,032 | 0 | 0 | 0 | 0 | 4,021,368 |
| | IGA | 7,178,099 | 3,535,829 | 0 | 0 | 0 | 0 | 10,713,928 |
| Resources Total | | 24,760,864 | 5,107,515 | 0 | 0 | 0 | 0 | 29,868,379 |
| Expenses | Design/Const Admin | 2,476,100 | 750,000 | 0 | 0 | 0 | 0 | 3,226,100 |
| | Construction | 19,243,964 | 3,730,315 | 0 | 0 | 0 | 0 | 22,974,279 |
| | Admin (14%) | 3,040,800 | 627,200 | 0 | 0 | 0 | 0 | 3,668,000 |
| Expenses Total | | 24,760,864 | 5,107,515 | 0 | 0 | 0 | 0 | 29,868,379 |

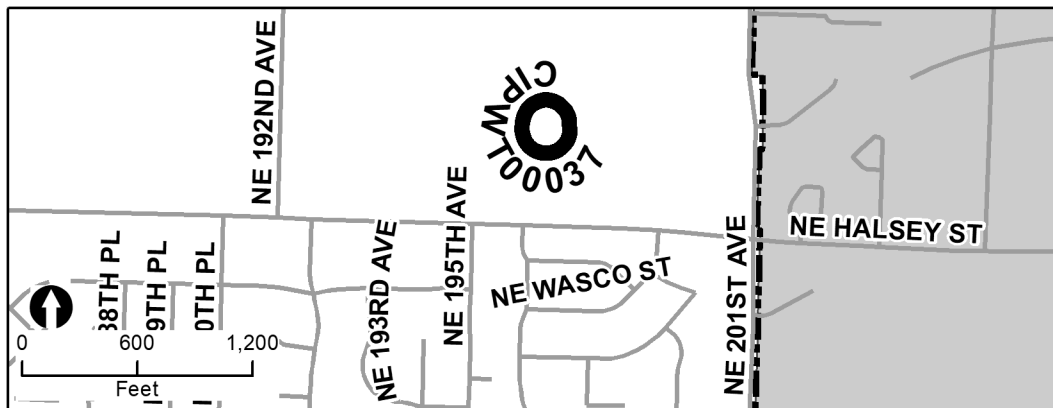
FUNDED PROJECT
Water

CIPWT00037: Groundwater System - Central Facilities

Description: This project will construct improvements at the jointly owned Cascade Water treatment and distribution facility located at the Rockwood Water People's Utility District offices on NE Halsey Street. This project includes construction of a water treatment plant, new and rehabilitated water storage facilities, and expanded water pumping facilities in support of the joint groundwater supply system. This includes projects 8.1.1, 8.1.2, and 8.4 from the Groundwater Development Master Plan. SDC projects #ST5-A, B, C, and D. In 2024 the City was awarded a \$1.5M grant from Bipartisan Infrastructure Law to help fund the construction of the treatment plant as manganese is an Emerging Contaminant as defined by EPA.

Justification: The City of Gresham is developing additional groundwater resources in order to maintain adequate supply and achieve water independence. Currently the City has developed 5 MGD with Cascade Well #5. Per the recommendation of the Groundwater Development Master Plan the City is planning to develop 13 MGD by 2026 and 17 MGD by 2045. This work is being done in partnership and under an Intergovernmental Agreement (IGA) with the Rockwood Water People's Utility District (RWPUD).

Type of Project: Construction of facilities and utilities.



Estimated Dollars:

| Funds | Description | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total |
|------------------------|--------------------|-------------------|----------|----------|----------|----------|----------|-------------------|
| Resources | Debt-Operating | 24,530,659 | 0 | 0 | 0 | 0 | 0 | 24,530,659 |
| | Debt-SDC | 6,342,274 | 0 | 0 | 0 | 0 | 0 | 6,342,274 |
| | Grant | 1,500,000 | 0 | 0 | 0 | 0 | 0 | 1,500,000 |
| Resources Total | | 32,372,933 | 0 | 0 | 0 | 0 | 0 | 32,372,933 |
| Expenses | Design/Const Admin | 3,237,300 | 0 | 0 | 0 | 0 | 0 | 3,237,300 |
| | Construction | 25,160,033 | 0 | 0 | 0 | 0 | 0 | 25,160,033 |
| | Admin (14%) | 3,975,600 | 0 | 0 | 0 | 0 | 0 | 3,975,600 |
| Expenses Total | | 32,372,933 | 0 | 0 | 0 | 0 | 0 | 32,372,933 |

FUNDED PROJECT
Water

CIPWT00038: Groundwater System - Distribution Pipelines

Description: This project will construct water system transmission and distribution piping and distribution facility improvements needed to connect the City and Rockwood Water People's Utility District water systems to the Cascade Water groundwater supply. This includes projects 8.2.2, 8.8, and 8.9 from the Groundwater Development Master Plan. SDC projects #ST6-A, B, and C.

Justification: The City of Gresham is developing additional groundwater resources in order to maintain adequate supply and achieve water independence. Currently the City has developed 5 MGD with Cascade Well #5. Per the recommendation of the Groundwater Development Master Plan the City is planning to develop 13 MGD by 2026 and 17 MGD by 2045. This work is being done in partnership and under an Intergovernmental Agreement (IGA) with the Rockwood Water People's Utility District (RWPUD).

Type of Project: Construction of facilities and utilities.



Estimated Dollars:

| Funds | Description | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total |
|-----------------|--------------------|------------|---------|---------|---------|---------|---------|------------|
| Resources | Debt-Operating | 8,246,873 | 0 | 0 | 0 | 0 | 0 | 8,246,873 |
| | Debt-SDC | 2,192,207 | 0 | 0 | 0 | 0 | 0 | 2,192,207 |
| | IGA | 2,922,918 | 0 | 0 | 0 | 0 | 0 | 2,922,918 |
| Resources Total | | 13,361,998 | 0 | 0 | 0 | 0 | 0 | 13,361,998 |
| Expenses | Design/Const Admin | 1,336,200 | 0 | 0 | 0 | 0 | 0 | 1,336,200 |
| | Construction | 10,384,898 | 0 | 0 | 0 | 0 | 0 | 10,384,898 |
| | Admin (14%) | 1,640,900 | 0 | 0 | 0 | 0 | 0 | 1,640,900 |
| Expenses Total | | 13,361,998 | 0 | 0 | 0 | 0 | 0 | 13,361,998 |

FUNDED PROJECT
Water

CIPWT00039: Pump Station Generator Improvements

Description: This project installs on-site diesel or natural gas generators at the Salquist and Gabbert Pump Stations.

Justification: The project will construct new standby power facilities at two critical pump stations in the City's water system. These facilities will prevent loss of service and system damage in the event of a grid power failure at these sites.

Type of Project: Construction of facilities and utilities for growth.



Estimated Dollars:

| Funds | Description | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total |
|-----------------|--------------------|---------|---------|---------|---------|---------|---------|---------|
| Resources | Operating | 0 | 165,600 | 386,400 | 0 | 0 | 0 | 552,000 |
| Resources Total | | 0 | 165,600 | 386,400 | 0 | 0 | 0 | 552,000 |
| Expenses | Design/Const Admin | 0 | 50,000 | 50,000 | 0 | 0 | 0 | 100,000 |
| | Construction | 0 | 95,300 | 288,900 | 0 | 0 | 0 | 384,200 |
| | Admin (14%) | 0 | 20,300 | 47,500 | 0 | 0 | 0 | 67,800 |
| Expenses Total | | 0 | 165,600 | 386,400 | 0 | 0 | 0 | 552,000 |

FUNDED PROJECT
Water

CIPWT00040: Water Meter Replacement Program

Description: This project sets up a long-term plan to repair and replace water meters and associated infrastructure for the Automated Meter Infrastructure system installed in 2010. The system requires on-going asset management, with the meters needing replacement every 10 years.

Justification: By proactively maintaining the City water meter infrastructure we are helping to insure the financial stability of the City's water utility.

Type of Project: Repair and replacement.



Estimated Dollars:

| Funds | Description | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total |
|-----------------|--------------------|---------|---------|---------|---------|-----------|---------|-----------|
| Resources | Operating | 998,641 | 250,000 | 500,000 | 500,000 | 1,000,000 | 650,000 | 3,898,641 |
| Resources Total | | 998,641 | 250,000 | 500,000 | 500,000 | 1,000,000 | 650,000 | 3,898,641 |
| Expenses | Design/Const Admin | 626,041 | 150,000 | 300,000 | 300,000 | 600,000 | 390,000 | 2,366,041 |
| | Construction | 250,000 | 69,300 | 138,600 | 138,600 | 277,200 | 180,200 | 1,053,900 |
| | Admin (14%) | 122,600 | 30,700 | 61,400 | 61,400 | 122,800 | 79,800 | 478,700 |
| Expenses Total | | 998,641 | 250,000 | 500,000 | 500,000 | 1,000,000 | 650,000 | 3,898,641 |

FUNDED PROJECT
Water

CIPWT00041: Pipeline Renewal and Replacement Program

Description: This project will create a regular pipeline renewal and replacement program in order to prevent pipe failures, which lead to expensive repairs, property damage, disruptions in service, public disturbances, water loss, and potential for water quality emergencies. Using sound asset management strategies including condition assessment and business risk analysis in conjunction with the 2021 Water Master Plan Update the water engineering staff will prioritize which pipelines to replace with this program. The budget reflects the first year of a long-term plan.

Justification: As distribution systems continue to age, the rate of failures will increase, so it is important to have a system for continuing pipe replacement to avoid exorbitant future expenses when older pipes start to fail more regularly.

Type of Project: Repair and rehabilitation of facilities and utilities.



Estimated Dollars:

| Funds | Description | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total |
|-----------------|-----------------------------|---------|---------|---------|-----------|-----------|-----------|-----------|
| Resources | Repair/Replacement Reserves | 0 | 500,000 | 500,000 | 1,000,000 | 3,660,000 | 2,750,000 | 8,410,000 |
| Resources Total | | 0 | 500,000 | 500,000 | 1,000,000 | 3,660,000 | 2,750,000 | 8,410,000 |
| Expenses | Design/Const Admin | 0 | 50,000 | 50,000 | 100,000 | 175,000 | 275,000 | 650,000 |
| | Construction | 0 | 388,600 | 388,600 | 777,200 | 3,035,500 | 2,137,300 | 6,727,200 |
| | Admin (14%) | 0 | 61,400 | 61,400 | 122,800 | 449,500 | 337,700 | 1,032,800 |
| Expenses Total | | 0 | 500,000 | 500,000 | 1,000,000 | 3,660,000 | 2,750,000 | 8,410,000 |

FUNDED PROJECT
Water

CIPWT00042: Fire Flow Improvements Program

Description: This project will replace existing infrastructure to enhance fire flow capacity to meet current City standards. The budget reflects the first year of a long-term plan.

Justification: The Master Plan update completed in 2021 identified areas that currently do not meet City standards for fire flow capacity.

Type of Project: Repair and rehabilitation of facilities and utilities.



Estimated Dollars:

| Funds | Description | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total |
|-----------------|--------------------|---------|---------|---------|-----------|-----------|-----------|-----------|
| Resources | Operating | 0 | 500,000 | 500,000 | 1,000,000 | 2,000,000 | 1,500,000 | 5,500,000 |
| Resources Total | | 0 | 500,000 | 500,000 | 1,000,000 | 2,000,000 | 1,500,000 | 5,500,000 |
| Expenses | Design/Const Admin | 0 | 50,000 | 50,000 | 100,000 | 125,000 | 150,000 | 475,000 |
| | Construction | 0 | 388,600 | 388,600 | 777,200 | 1,629,400 | 1,165,800 | 4,349,600 |
| | Admin (14%) | 0 | 61,400 | 61,400 | 122,800 | 245,600 | 184,200 | 675,400 |
| Expenses Total | | 0 | 500,000 | 500,000 | 1,000,000 | 2,000,000 | 1,500,000 | 5,500,000 |

FUNDED PROJECT
Water

CIPWT00047: Groundwater System - Implementation

Description: This project will design and construct water system facility improvements needed to implement the City and Rockwood Water People's Utility District connection to the Cascade Water groundwater supply. These facilities will be identified in cooperation with Water Operations including water reservoir mixers and disinfectant boosting equipment needed to maintain and operate the groundwater supply.

Justification: The City of Gresham is developing additional groundwater resources in order to maintain adequate supply and achieve water independence. Currently the City has developed 5 MGD with Cascade Well #5. Per the recommendation of the Groundwater Development Master Plan the City is planning to develop 13 MGD by 2026 and 17 MGD by 2045. This work is being done in partnership and under an Intergovernmental Agreement (IGA) with the Rockwood Water People's Utility District (RWPUD).

Type of Project: Construction of facilities and utilities.



Estimated Dollars:

| Funds | Description | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total |
|-----------------|--------------------|---------|---------|---------|---------|---------|---------|---------|
| Resources | Debt-Operating | 499,201 | 0 | 0 | 0 | 0 | 0 | 499,201 |
| Resources Total | | 499,201 | 0 | 0 | 0 | 0 | 0 | 499,201 |
| Expenses | Design/Const Admin | 149,301 | 0 | 0 | 0 | 0 | 0 | 149,301 |
| | Construction | 288,600 | 0 | 0 | 0 | 0 | 0 | 288,600 |
| | Admin (14%) | 61,300 | 0 | 0 | 0 | 0 | 0 | 61,300 |
| Expenses Total | | 499,201 | 0 | 0 | 0 | 0 | 0 | 499,201 |

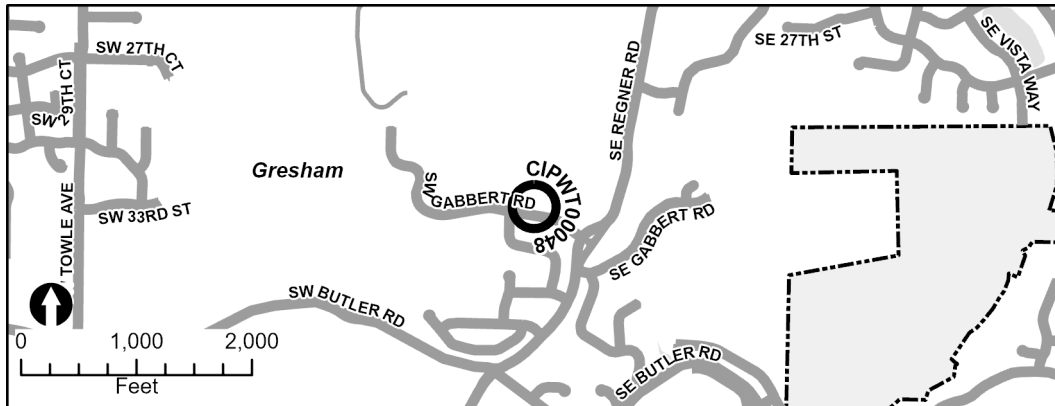
FUNDED PROJECT
Water

CIPWT00048: Gabbert Pump Station Seismic Upgrade

Description: This project upgrades the seismic resilience of the Gabbert Pump Station by retrofitting the existing building structure and other recommended improvements. This project was identified in the 2016 Water System Resilience Plan. The Resilience Plan provided a preliminary evaluation of the pump station and associated appurtenances. The scope of this project will include a detailed analysis, engineering design and construction.

Justification: In 2016, the City completed a water system seismic resiliency study and prepared a plan consistent with the recommendation of the 2013 State of Oregon Resilience Plan. This pump station has been identified with a high risk of failure by the City's plan. Improving the seismic resilience of the pump station will help assure continued water system operation in the event of a significant earthquake.

Type of Project: Repair and rehabilitation of facilities and utilities.



Estimated Dollars:

| Funds | Description | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total |
|------------------------|--------------------|----------|----------|----------|----------------|----------------|----------|----------------|
| Resources | Operating | 0 | 0 | 0 | 175,000 | 525,000 | 0 | 700,000 |
| Resources Total | | 0 | 0 | 0 | 175,000 | 525,000 | 0 | 700,000 |
| Expenses | Design/Const Admin | 0 | 0 | 0 | 150,000 | 15,000 | 0 | 165,000 |
| | Construction | 0 | 0 | 0 | 3,500 | 445,500 | 0 | 449,000 |
| | Admin (14%) | 0 | 0 | 0 | 21,500 | 64,500 | 0 | 86,000 |
| Expenses Total | | 0 | 0 | 0 | 175,000 | 525,000 | 0 | 700,000 |

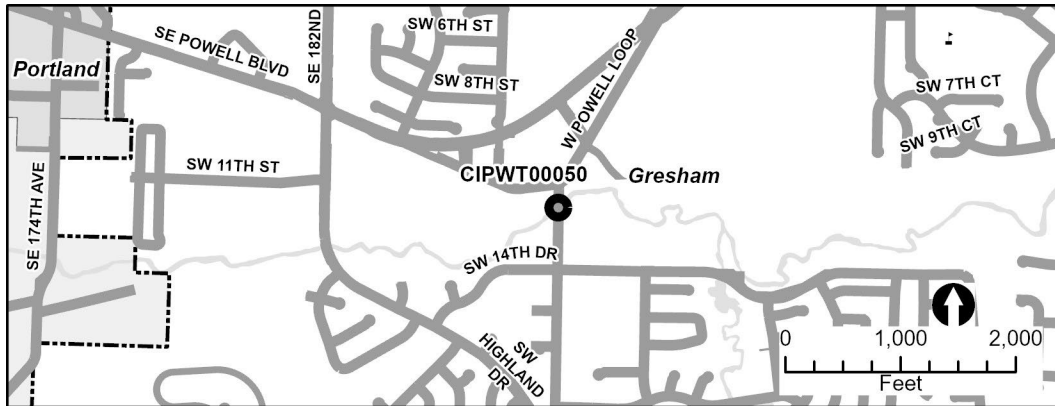
FUNDED PROJECT
Water

CIPWT00050: Pleasant View Bridge Waterline

Description: This project replaces the existing waterline on the Pleasant View Bridge in coordination with the anticipated Transportation bridge replacement project. The scope of this project will include a detailed analysis, engineering design and construction.

Justification: Coordination with Transportation system improvements. The project improves the seismic resilience of the water distribution system and will help assure continued water system operation in the event of a significant earthquake.

Type of Project: Repair and rehabilitation of facilities and utilities.



Estimated Dollars:

| Funds | Description | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total |
|------------------------|-----------------------------|----------|----------|---------------|----------------|----------|----------|----------------|
| Resources | Repair/Replacement Reserves | 0 | 0 | 50,000 | 200,000 | 0 | 0 | 250,000 |
| Resources Total | | 0 | 0 | 50,000 | 200,000 | 0 | 0 | 250,000 |
| Expenses | Design/Const Admin | 0 | 0 | 43,900 | 15,000 | 0 | 0 | 58,900 |
| | Construction | 0 | 0 | 0 | 160,400 | 0 | 0 | 160,400 |
| | Admin (14%) | 0 | 0 | 6,100 | 24,600 | 0 | 0 | 30,700 |
| Expenses Total | | 0 | 0 | 50,000 | 200,000 | 0 | 0 | 250,000 |

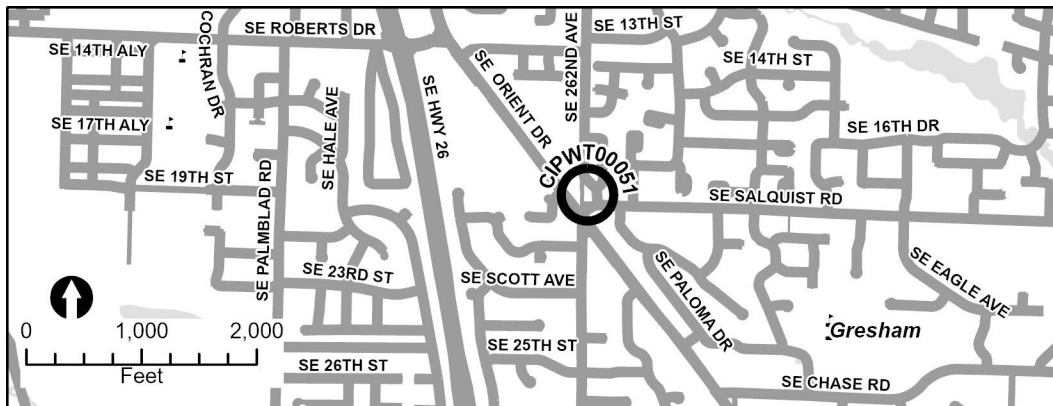
FUNDED PROJECT
Water

CIPWT00051: Salquist Pump Station Seismic Upgrade

Description: This project upgrades the seismic resilience of the Salquist Pump Station by retrofitting the existing building structure and other recommended improvements. This project was identified in the 2016 Water System Resilience Plan. The Resilience Plan provided a preliminary evaluation of the pump station and associated appurtenances. The scope of this project will include a detailed analysis, engineering design and construction.

Justification: In 2016, the City completed a water system seismic resiliency study and prepared a plan consistent with the recommendation of the 2013 State of Oregon Resilience Plan. This pump station has been identified with a high risk of failure by the City's plan. Improving the seismic resilience of the pump station will help assure continued water system operation in the event of a significant earthquake.

Type of Project: Repair and rehabilitation of facilities and utilities.



Estimated Dollars:

| Funds | Description | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total |
|------------------------|--------------------|----------|----------|----------|----------|----------------|----------|----------------|
| Resources | Operating | 0 | 0 | 0 | 0 | 200,000 | 0 | 200,000 |
| Resources Total | | 0 | 0 | 0 | 0 | 200,000 | 0 | 200,000 |
| Expenses | Design/Const Admin | 0 | 0 | 0 | 0 | 50,000 | 0 | 50,000 |
| | Construction | 0 | 0 | 0 | 0 | 125,400 | 0 | 125,400 |
| | Admin (14%) | 0 | 0 | 0 | 0 | 24,600 | 0 | 24,600 |
| Expenses Total | | 0 | 0 | 0 | 0 | 200,000 | 0 | 200,000 |

| Water Unfunded and Future Summary | | | | | | | | | |
|-----------------------------------|---|----------|----------|----------|----------|----------|----------|--------------------|--|
| Project | Project Name | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total | |
| 420550 | NE 3rd Street (NE Hood to NE Cleveland) | 0 | 0 | 0 | 0 | 0 | 0 | 640,000 | |
| 425500 | Salquist Water Line - East | 0 | 0 | 0 | 0 | 0 | 0 | 735,012 | |
| 428600 | 6-20 Year Fire Flow Improvements Program | 0 | 0 | 0 | 0 | 0 | 0 | 41,731,730 | |
| 429900 | SE Stark/Rene | 0 | 0 | 0 | 0 | 0 | 0 | 708,130 | |
| CIPW/T00009 | Test Wells | 0 | 0 | 0 | 0 | 0 | 0 | 517,617 | |
| CIPW/T00011 | Continuation of Operations Plan (COOP) Site | 0 | 0 | 0 | 0 | 0 | 0 | 1,250,000 | |
| CIPW/T00012 | Walters Hill Reservoir and Pump Station Abandonment | 0 | 0 | 0 | 0 | 0 | 0 | 500,000 | |
| CIPW/T00015 | Local Street Reconstruction Coordination | 0 | 0 | 0 | 0 | 0 | 0 | 395,224 | |
| CIPW/T00043 | 6-20 Year Pipeline Renewal and Replacement | 0 | 0 | 0 | 0 | 0 | 0 | 73,246,000 | |
| CIPW/T00044 | 6-20 Year Seismic Improvement Projects | 0 | 0 | 0 | 0 | 0 | 0 | 5,631,000 | |
| CIPW/T00045 | 6-20 Year Water Meter Replacement Program | 0 | 0 | 0 | 0 | 0 | 0 | 9,183,000 | |
| CIPW/T00046 | 2030 Water Master Plan Update | 0 | 0 | 0 | 0 | 0 | 0 | 400,000 | |
| CIPW/T00049 | Wheeler to Intermediate PRV | 0 | 0 | 0 | 0 | 0 | 0 | 483,302 | |
| Grand Total | | 0 | 0 | 0 | 0 | 0 | 0 | 135,421,015 | |



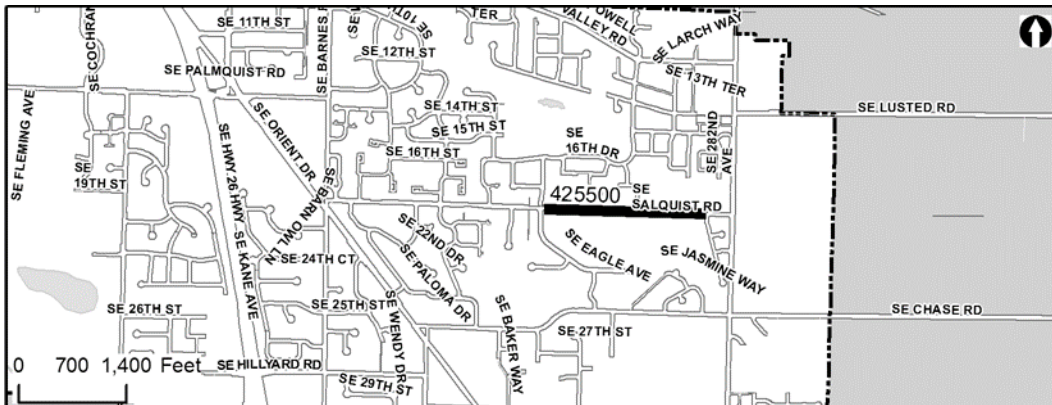
UNFUNDED and FUTURE PROJECT
Water

425500: Salquist Water Line - East

Description: This project installs 1500 LF of 12-inch D.I. pipe on SE Salquist Road between SE Glacier Ave. and SE Night Heron Way. This is the second phase of a comprehensive pipeline replacement project on SE Salquist Road between SE Orient Drive and SE 282nd Avenue. This project serves the Lusted Service Level and is located in the Kelly Creek Neighborhood District.

Justification: Much of the existing waterline on SE Salquist Road is currently undersized and unable to provide an adequate level of service for the new development that is occurring in this area. Additionally, much of the older sections of the pipeline have proven to require more maintenance and repair work in recent years. This project when completed will provide a critical link between the Salquist Pump Station and the Wheeler Reservoir (as well as the rest of the Lusted Service Level). To fully utilize the new groundwater supply resource, the City needs to have larger diameter distribution mains as a backbone to move water west to east from the Grant Butte Service Level (where the groundwater is introduced into the distribution system) to the Lusted Service Level through the Salquist Pump Station.

Type of Project: Construction of facilities and utilities to correct existing deficiencies and provide for future growth.



Estimated Dollars:

| Funds | Description | Total |
|------------------------|-------------------|----------------|
| Resources | Operating | 735,012 |
| Resources Total | | 735,012 |
| Expenses | Design/Const Admi | 73,501 |
| | Construction | 581,123 |
| | Admin (14%) | 80,388 |
| Expenses Total | | 735,012 |

UNFUNDED and FUTURE PROJECT
Water

428600: 6-20 Year Fire Flow Improvements Program


Description: This project will replace existing infrastructure to enhance fire flow capacity to meet current City standards. SDC project #FF1, FF2-22.

Justification: The Master Plan update completed in 2021 identified areas that currently do not meet City standards for fire flow capacity.

Type of Project: Repair and rehabilitation of facilities and utilities.



Estimated Dollars:

| Funds |  | Description | Total |
|------------------------|---|--------------------|-------------------|
| Resources | | Operating | 30,464,162 |
| | | SDC | 11,267,568 |
| Resources Total | | | 41,731,730 |
| Expenses | | Design/Const Admi | 5,007,841 |
| | | Construction | 31,598,963 |
| | | Admin (14%) | 5,124,926 |
| Expenses Total | | | 41,731,730 |

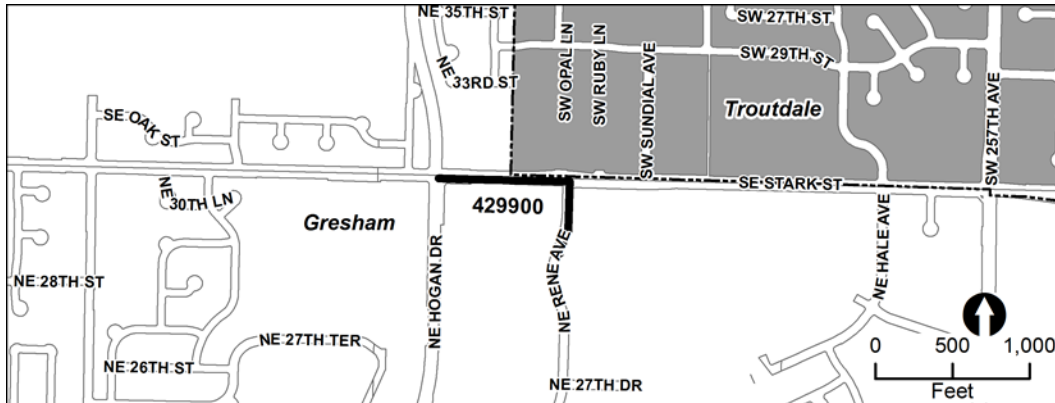
UNFUNDED and FUTURE PROJECT
Water

429900: SE Stark/Rene

Description: This project replaces approximately 1350 linear feet of 8- inch and 6-inch CI pipe with 12-inch DI and 8-inch DI pipe. The limits of this project are SE Stark St. between NE Hogan Dr. and NE Rene Ave, and NE Rene Avenue between SE Stark and approximately 475 feet south. This project was identified in the 2012 Master Plan.

Justification: This project will replace a section of water line on SE Stark Street and NE Rene Avenue Ave. that is undersized and does not provide adequate fire flow. Upsizing these lines will bring this section up to code and will meet current fire flow requirements.

Type of Project: Repair and rehabilitation of facilities and utilities.



Estimated Dollars:

| Funds | Description | Total |
|------------------------|--------------------|----------------|
| Resources | Repair/Replacement | 708,130 |
| Resources Total | | 708,130 |
| Expenses | Design/Const Admin | 116,842 |
| | Construction | 504,324 |
| | Admin (14%) | 86,964 |
| Expenses Total | | 708,130 |

UNFUNDED and FUTURE PROJECT
Water

CIPWT00009: Test Wells

Description: This project will identify locations for potential well development and construct test wells. The information gathered from the test wells will be used to evaluate which wells would be most advantageous for the City to develop into production wells. SDC project #ST1.

Justification: The City of Gresham currently is allocated 18 MGD groundwater capacity under the Intergovernmental Agreement (IGA) with the Rockwood Water People's Utility District. This agreement was developed to maintain adequate source supply . Currently the City has developed 5 MGD of the allocated capacity through the construction of Cascade Well #5.

Type of Project: Development of source water.



Estimated Dollars:

| Funds | Description | Total |
|-----------------|-------------------|---------|
| Resources | Operating | 408,917 |
| | SDC | 108,700 |
| Resources Total | | 517,617 |
| Expenses | Design/Const Admi | 62,114 |
| | Construction | 391,940 |
| | Admin (14%) | 63,563 |
| Expenses Total | | 517,617 |

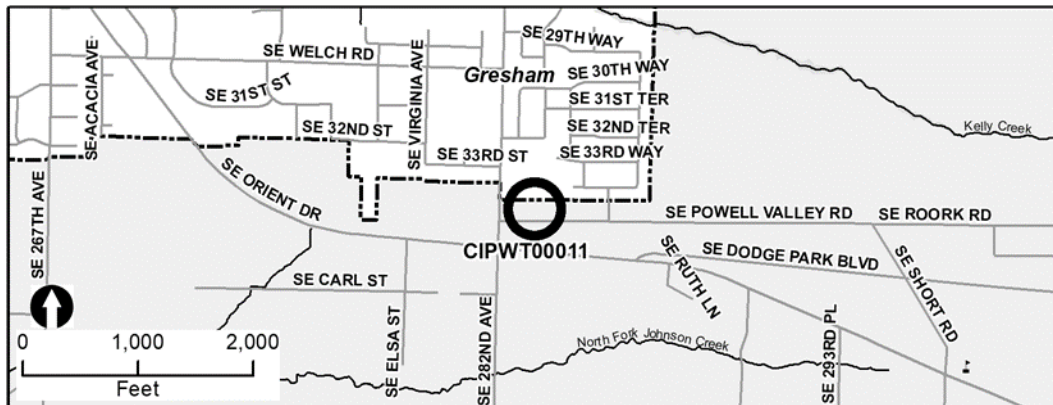
**UNFUNDED and FUTURE PROJECT
Water**

CIPWT00011: Continuation of Operations Plan (COOP) Site

Description: This project facilitates the repurposing of the existing Lusted Reservoir site. An IGA has been created to allow the neighboring Lusted Water District to utilize on site facilities while a sales agreement is negotiated. If the District does not purchase the property these funds may be needed to deconstruct the existing steel tank reservoir. If the site is sold these funds would go towards the purchase of other property for water operations.

Justification: The Lusted Reservoir and Pump Station have been decommissioned and are not useful for City water system operations. The site could be used during emergencies as identified in the Water Division's Continuation of Operations Plan (CoOP). Additionally, could be used for Water Division Emergency equipment such as generators.

Type of Project: Deconstruction.



| Estimated Dollars: | Funds | Description | Total |
|--------------------|-----------------|-------------------|-----------|
| | Resources | Other | 1,250,000 |
| | Resources Total | | 1,250,000 |
| | Expenses | Design/Const Admi | 125,000 |
| | | Construction | 971,500 |
| | | Admin (14%) | 153,500 |
| | Expenses Total | | 1,250,000 |

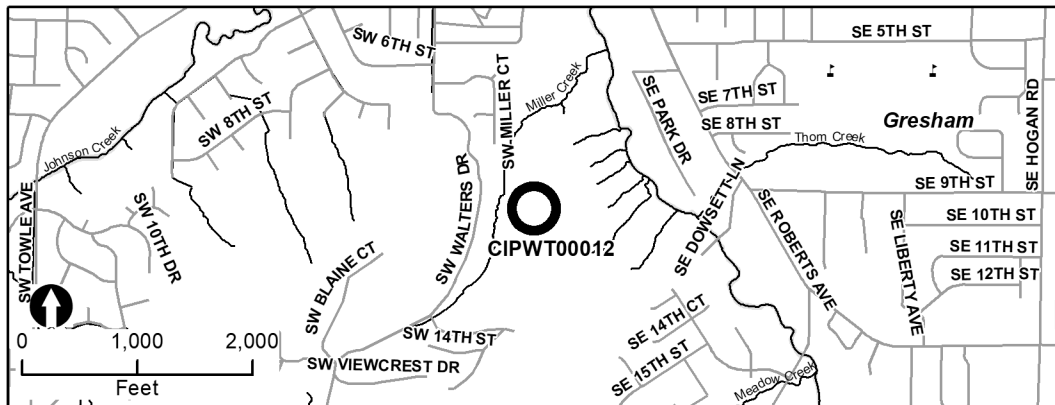
**UNFUNDED and FUTURE PROJECT
Water**

CIPWT00012: Walters Hill Reservoir and Pump Station Abandonment

Description: This project abandons both the Walters Hill Reservoir and Pump Station.

Justification: Both the Walters Hill Pump Station and Reservoir have been replaced by the Gabbert Pump Station and Gabbert Reservoir and have not been used for years. The reservoir is a partially buried concrete reservoir and is potentially a safety hazard for trespassers.

Type of Project: Construction.



Estimated Dollars:

| Funds | Description | Total |
|------------------------|-------------------|----------------|
| Resources | Operating | 500,000 |
| Resources Total | | 500,000 |
| Expenses | Design/Const Admi | 138,900 |
| | Construction | 299,647 |
| | Admin (14%) | 61,453 |
| Expenses Total | | 500,000 |

UNFUNDED and FUTURE PROJECT
Water

CIPWT00015: Local Street Reconstruction Coordination

Description: This project constructs the replacement and rehabilitation of the water system infrastructure in coordination with the Local Street Reconstruction Program (LSRP) (CIP #CIPTR00012) administered by the City Transportation Division.

Justification: The water system within the limits of the LSRP is being evaluated by the Water Division engineering staff. This project will allow the City to repair and replace water system components prior to street resurfacing.

Type of Project: Repair and rehabilitation of facilities and utilities.



Estimated Dollars:

| Funds | Description | Total |
|-----------------|-------------------|---------|
| Resources | Repair/Replacemer | 395,224 |
| Resources Total | | 395,224 |
| Expenses | Design/Const Admi | 15,000 |
| | Construction | 331,724 |
| | Admin (14%) | 48,500 |
| Expenses Total | | 395,224 |

UNFUNDED and FUTURE PROJECT
Water

CIPWT00043: 6-20 Year Pipeline Renewal and Replacement

Description: This project will create a regular pipeline renewal and replacement program in order to prevent pipe failures, which lead to expensive repairs, property damage, disruptions in service, public disturbances, water loss, and potential for water quality emergencies. Using sound asset management strategies including condition assessment and business risk analysis in conjunction with the 2021 Water Master Plan Update the water engineering staff will prioritize which pipelines to replace with this program.

Justification: As distribution systems continue to age, the rate of failures will increase, so it is important to have a system for continuing pipe replacement to avoid exorbitant future expenses when older pipes start to fail more regularly.

Type of Project: Repair and rehabilitation of facilities and utilities.



Estimated Dollars:

| Funds | Description | Total |
|-----------------|-------------------|------------|
| Resources | Repair/Replacemer | 73,246,000 |
| Resources Total | | 73,246,000 |
| Expenses | Design/Const Admi | 10,254,400 |
| | Construction | 53,996,500 |
| | Admin (14%) | 8,995,100 |
| Expenses Total | | 73,246,000 |

UNFUNDED and FUTURE PROJECT
Water

CIPWT00044: 6-20 Year Seismic Improvement Projects


Description: This project constructs seismic resilience improvements identified in the Water Seismic Resilience Plan and Water Master Plan.

Justification: In 2016 the City completed a water system seismic resiliency study and prepared a plan consistent with the recommendation of the 2013 State of Oregon Resilience Plan. Replacement of these pipeline is one of the highest priority projects identified by the City's plan in order to help assure continued water system operation in the event of a significant earthquake.

Type of Project: Construction.



Estimated Dollars:

| Funds |  | Description | Total |
|------------------------|---|--------------------|------------------|
| Resources | | Operating | 5,631,000 |
| Resources Total | | | 5,631,000 |
| Expenses | | Design/Const Admi | 788,300 |
| | | Construction | 4,151,200 |
| | | Admin (14%) | 691,500 |
| Expenses Total | | | 5,631,000 |

UNFUNDED and FUTURE PROJECT
Water

CIPWT00045: 6-20 Year Water Meter Replacement Program

Description: This project sets up a long-term plan to repair and replace water meters and associated infrastructure for the Automated Meter Infrastructure system installed in 2010. The system requires on-going asset management, with the meters needing replacement every 10 years.

Justification: By proactively maintaining the City water meter infrastructure we are helping to insure the financial stability of the City's water utility.

Type of Project: Repair and replacement.



Estimated Dollars:

| Funds | Description | Total |
|-----------------|-------------------|-----------|
| Resources | Operating | 9,183,000 |
| Resources Total | | 9,183,000 |
| Expenses | Design/Const Admi | 5,509,800 |
| | Construction | 2,545,500 |
| | Admin (14%) | 1,127,700 |
| Expenses Total | | 9,183,000 |

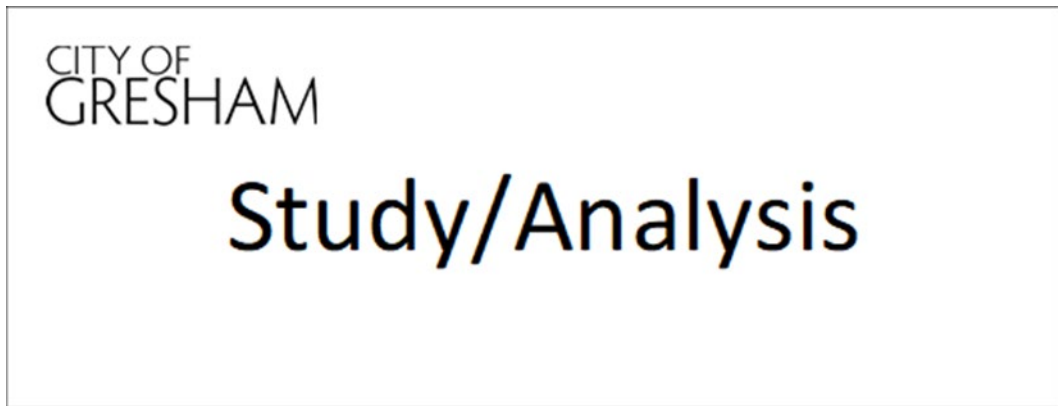
UNFUNDED and FUTURE PROJECT
Water

CIPWT00046: 2030 Water Master Plan Update

Description: This Water System Master Plan must be updated to meet State requirements and to account for changes in projected development, economic conditions, water system priorities and condition of existing assets. The project benefits all water service levels and neighborhood districts. This project will provide for updates about every ten years.

Justification: This study will provide the necessary and effective direction to our long-range Water Capital Improvement Program, future growth, and financial requirements.

Type of Project: Engineering study related to city services.



Estimated Dollars:

| Funds | Description | Total |
|-----------------|-------------------|---------|
| Resources | Operating | 400,000 |
| Resources Total | | 400,000 |
| Expenses | Design/Const Admi | 350,900 |
| | Admin (14%) | 49,100 |
| Expenses Total | | 400,000 |

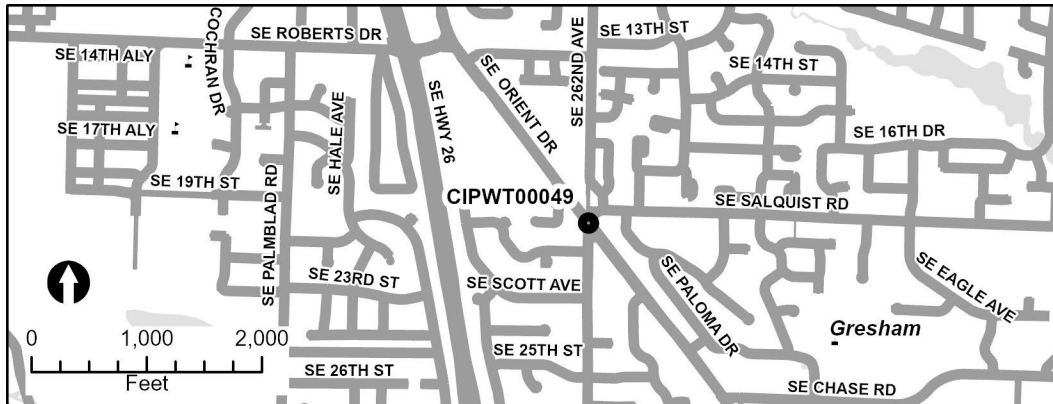
UNFUNDED and FUTURE PROJECT
Water

CIPWT00049: Wheeler to Intermediate PRV

Description: This project installs a new pressure reducing valve, at SE Orient Dr and SE Barnes Rd, to interconnect the Wheeler and Intermediate pressure zones, allowing the flow of water from the Wheeler zone to Intermediate zone in case of emergency. SDC Project #SF5.

Justification: This project will construct the new Wheeler to Intermediate PRV to provide expanded water system capacity to serve customers in the Intermediate Service Level.

Type of Project: Construction of facilities and utilities for growth.



Estimated Dollars:

| Funds | Description | Total |
|------------------------|-------------------|----------------|
| Resources | SDC | 483,302 |
| Resources Total | | 483,302 |
| Expenses | Design/Const Admi | 51,762 |
| | Construction | 372,221 |
| | Admin (14%) | 59,319 |
| Expenses Total | | 483,302 |

