



Agenda
Public Works and Parks Committee Regular Meeting
September 8, 2025 | 5:30 PM

Public Works Wastewater Treatment Plan
26729 98th Dr. NW
Stanwood, WA 98292

This meeting will be conducted in person at the City of Stanwood Public Works Wastewater Treatment Plan, 26729 98th Dr. NW, Stanwood, WA 98292
<https://www.stanwoodwa.org>.

- 1. Call to Order**
- 2. Roll Call**
- 3. New Business**
 - a. Capital Improvement Plan (CIP)
- 4. Adjourn**



**CITY OF STANWOOD
PUBLIC WORKS COMMITTEE
STAFF REPORT**

ITEM: 1
DATE: September 8, 2025
SUBJECT: Capital Improvement Plan (CIP)
CONTACT PERSON: Alan Lytton, City Engineer
ATTACHMENTS: CIP

Purpose:

The purpose of this agenda item is to present proposed amendments to the City’s Capital Improvement Program (CIP) for Parks, Buildings, Streets, Sewer, Stormwater, and Water projects. These adjustments are intended to align project timelines and funding with Council direction, grant opportunities, and updated project scopes. Staff is requesting committee input on the proposed 2026–2031 CIP updates. Committee feedback will help refine project priorities, schedules, and funding allocations before the plan is forwarded to City Council for consideration.

Background:

The City updates its six-year CIP each year as part of the budget process. The 2026–2031 CIP includes adjustments to project timelines, scopes, and funding based on Council direction and staff recommendations. Below is a summary of how staff proposes changes to each project for the 2026–2031 CIP.

PARKS CAPITAL:

Cedarhome Area Park

Year	Adopted CIP	Proposed CIP
2025	\$70,000	
2026		\$70,000

The City Council has directed staff to explore properties to develop a park in the Cedarhome neighborhood.

Raplee Property Cleanup

Year	Adopted CIP	Proposed CIP
2025	\$600,000	
2026		\$600,000

Church Creek Park

Year	Adopted CIP	Proposed CIP
2025		\$465,000

Year	Adopted CIP	Proposed CIP
2026	\$65,000	\$65,000
2027	\$350,000	\$350,000
2028		\$250,000

Church Creek Park is a 15.4-acre community park in the uptown area of the city. It serves the main residential area of the city and is located across the street (72nd Avenue) from Stanwood High School. Park facilities include a baseball field, sports court, disc golf, covered group picnic shelter and individual picnic facilities, playground equipment, paved parking lot, and large wooded areas with a walking trail to Church Creek. The proposed upcoming projects at CCP are design a new picnic shelter in 2026, construction of shelter in 2027. Previously 2028 included construction of a lower loop trail. If council decides to pursue this project, staff will need to adjust the scope and funding for the project.

Depot Park

Year	Adopted CIP	Proposed CIP
2025	\$1,100,000	
2026		\$1,000,000

Finalize design and construction of Depot Park, which includes hard pavement surface, band stand, holiday tree, open and covered seating, wayfinding signs and options for art installation.

Heritage Park

Year	Adopted CIP	Proposed CIP
2025	\$850,000	
2026	\$550,000	\$140,000
2027	\$2,185,000	\$400,000
2028	\$450,000	\$300,000
2029	\$1,200,000	\$1,200,000
2030		\$150,000
2031		\$800,000

2026: Design Parking lot and field improvements \$140,000

2027: Build parking lot

2028: Pickleball courts 3 & 4. Potentially field improvements with RCO grant if awarded.

2029: Sport Field Lighting, foul netting, and scoreboard

2030/2031: Design and construct additional field/s

Port Susan Trail

Year	Adopted CIP	Proposed CIP
2025	\$250,000	
2026	\$250,000	\$250,000
2027	\$900,000	\$250,000

Year	Adopted CIP	Proposed CIP
2028	\$300,000	\$60,000
2029	\$100,000	
2030	\$750,000	

2026: Restripe bridge on 98th to allow pedestrian traffic, connect park and ride trail to floodwall sidewalk.

2027-2030: Connect existing sidewalks to new development trail on 92nd East of Heritage park connecting to Heritage Park Trail.

BUILDINGS CAPITAL:

City Hall/Police Station Remodel

Year	Adopted CIP	Proposed CIP
2026	\$6,600,000	\$6,600,000

Permit and construct new Police Station.

Storefront Improvement Program

Year	Adopted CIP	Proposed CIP
2026	\$50,000	\$50,000
2027	\$50,000	\$50,000

Continue store front improvement program.

Street Construction Projects:

City Beautification Projects

Year	Adopted CIP	Proposed CIP
2026	\$85,000	\$85,000
2027	\$45,000	\$45,000
2028	\$45,000	\$45,000
2029	\$45,000	\$45,000
2030	\$45,000	\$45,000
2031		\$45,000

The City adopted the City Beautification Action Plan in December of 2020 as an implementation of several city visioning and economic development plans. The City Beautification Action Plan includes six key program elements that focus on improving city infrastructure and promoting the city as the cultural and economic hub of greater Snohomish County. These elements include:

- 72nd Avenue Gateway Signage and Landscaping.
- Main Street Revitalization.
- Downtown Gateway Features.

- SR 532 Beautification.
- Wayfinding Signage.
- Public Art.

Achieving full build-out of the Beautification Action Plan will take time, phased implementation, and significant resources. This capital budget item is intended to annually fund the gateway, wayfinding, and landscaping components of the City Beautification Action Plan.

272nd & 72nd Sidewalk

Year	Adopted CIP	Proposed CIP
2025	\$150,000	\$150,000
2026	\$650,000	\$1,080,000

This project will add roughly 1200 feet of sidewalk, curb ramps, storm drains, and planter strip from the end of existing sidewalk on 272nd adjacent to the School District Maintenance building connecting to existing sidewalk on 72nd south of Upper Left apartments. This project has been combined with the 272nd Sidewalk previously funded with \$430,000.

Overlay and ADA Improvements

Year	Adopted CIP	Proposed CIP
2025	\$510,000	\$510,000
2026	\$428,000	\$428,000
2027	\$450,000	\$450,000
2028	\$450,000	\$450,000
2029	\$450,000	\$450,000
2030	—	\$500,000
2031	—	\$550,000

Asphalt overlay and ADA upgrades on federally classified routes. This will be TIB grant dependent each year. 2026 we applied for sections of 68th and 267th for overlays.

Twin City Mile Downtown Renovation Project

Year	Adopted CIP	Proposed CIP
2026	\$575,000	\$575,000
2027	\$1,500,000	\$1,500,000
2028	\$1,150,000	\$1,150,000
2029	\$500,000	\$500,000
2030	\$500,000	\$500,000

The Twin City Mile revitalization project reimagines how the City’s main downtown commercial corridor, 271st and 270th Streets, could look and function by connecting City Hall Park to the Train Station. Project elements include constructing gateways, reconfiguring travel lanes and parking, building wider sidewalks and plaza areas, constructing park areas, and installing street trees, art, and other curb appeal amenities. Using policy guidance from the City Beautification Plan, the

City initiated the Downtown Revitalization Project that invests in the downtown business district infrastructure by:

- Creating Pedestrian-Friendly Streets.
- Actively Engage Storefronts with Walkable Sidewalks.
- Encourage Use of Streets for Community Festivals.
- Create Usable Urban Park Spaces; and
- Promote the Concept of Buying Local.

Over the next six years, the project will be broken into multiple phases, first year:

2026: 84th traffic calming and Cedarhome circle.

2027: West End Brick Road and Camano Street Construction (TIB Dependent)

2028: West End Construction continued; 271st St Middle School Mid-Block Crossing Design

2029: 271st St Middle School Mid-Block Crossing Construction

2030: 271st St Middle School Mid-Block Crossing Construction

SR532 & 72nd Crosswalk and Signalization

Year	Adopted CIP	Proposed CIP
2025	\$50,000	\$50,000
2026	\$150,000	\$150,000

This project would add a North/South crossing on the East side of the SR532 and 72nd intersection. The new crosswalk would require channelization revisions, new ADA ramps, and new signal equipment consisting of right-turn flashing yellow arrows (FYAs) and APS upgrades.

Westside Overlays

Year	Adopted CIP	Proposed CIP
2026	\$400,000	
2027	\$400,000	\$400,000
2028	\$400,000	

Overlays on 104th DR NW, 102nd DR NW, 273rd PL NW, 272nd PL NW, and 271st ST NW. 2025 & 2026 funds are going to repave 103rd and sections of 270th. 2028 funds were moved to 101st/100th Heritage access project.

New Parking Access to Heritage and 101st Improvements

Year	Adopted CIP	Proposed CIP
2030		\$750,000

Create new access to Heritage parking lot from 100th & 101st St. Previous funds were in the 101st reconstruction project.

SEWER CAPITAL:

Biosolids Removal

Year	Adopted CIP (Red – Last Year)	Proposed CIP (Black – This Year)
2025	\$1,400,000	\$1,400,000

Year	Adopted CIP (Red – Last Year)	Proposed CIP (Black – This Year)
2030	\$2,000,000	\$2,000,000

Periodically, the utility must contract for biosolids removal. As the city grows the frequency will increase, and the cost continues to increase. The utility's capital improvement plan includes a plant upgrade that will process biosolids on an ongoing basis and eliminate one of the settling ponds, however this plan includes one additional biosolids removal contract in 2030.

Wastewater Treatment Plant Upgrades

Year	Adopted CIP	Proposed CIP
2025	\$1,100,000	\$1,100,000
2026	\$1,597,000	\$1,597,000
2027	\$6,597,000	\$6,597,000
2028	\$8,770,000	\$8,770,000
2029	\$8,770,000	\$8,770,000

The City's utility engineering consultant, RH2, has looked at three alternatives to upgrade the capacity of the WWTP. From their liquid stream analysis, the plant will need to be upgraded in our current planning period by 2034.

Pioneer Hills Lift Station Upgrade

Year	Adopted CIP	Proposed CIP
2025	\$350,000	
2026		\$200,000
2027		\$1,000,000

Upgrading Pioneer Hills Lift Station equipment includes two new pumps with a new control system. Full integration to SCADA and adding a backup power source. A new metal roof is also needed for the building. After completing an engineering report, the existing building will need to be brought up to current electrical code. The cost from the engineering report showed a \$1,200,000 project. Staff will look at alternatives during design.

272nd St / 76th Dr Main Replacement

Year	Adopted CIP	Proposed CIP
2025	\$150,000	
2026		\$150,000

Inflow and Infiltration improvements on existing gravity sewer lines.

Pioneer Hwy and SR532 Sewer Main (Developer Funded)

Year	Adopted CIP	Proposed CIP
2025	\$600,000	

Upsize existing pipe to 15" to mitigate existing capacity issues. Approx 1000 feet of pipe south of 77th AVE NW (Taylors Landing). Developer Funded

GIS Equipment and Setup (Sewer)

Year	Adopted CIP	Proposed CIP
2025	\$100,000	
2026	\$100,000	\$100,000

Annual investment for sewer element for building a complete GIS system. The GIS system will provide an accurate inventory and location of City sewer system.

Decommission Church Creek Lift Station

Year	Adopted CIP	Proposed CIP
2025	\$40,000	
2026	\$40,000	\$40,000

Decommissioning of Church Creek Lift Station.

Twin City Mile Project 271st & 94th Main Replacement

Year	Adopted CIP	Proposed CIP
2025	\$200,000	
2026		\$850,000

Begin design and construction to replace existing gravity sewer pipes in 94th Drive NW from the main pump station and 271st Street. Also replacing pipe in 271st Street NW between 94th Drive NW and 99th Avenue NW and 271st Street and Camano Street.

72nd Ave Sewer Main Replacement (Developer Funded)

Year	Adopted CIP	Proposed CIP
2025	\$1,925,000	
2025/2026		\$1,925,000

Replace approximately 2,000lf of existing gravity pipe with 15-inch diameter gravity pipe along 72nd Avenue between Pioneer Highway and SR532.- due to High School putting their sewer under SR532, this has resulted in undersized pipes on 72nd AVE. This project will upsize these pipes.

99th/272nd PI Main Replacement

Year	Adopted CIP	Proposed CIP
2028	\$110,000	\$110,000
2029	\$665,000	\$665,000

The City plans to replace approximately 780 lf of existing gravity sewer main in 99th Avenue NW between 271st Street and 272nd Place NW, and in 272nd Street NW between 99th Avenue NW and 100th Avenue NW, with 12-inch-diameter pipe. Approximately 460 lf of sewer main along 272nd Place NW toward Heritage Park also is proposed for replacement due to root intrusion.

Pioneer Highway (Taylor's Landing Vicinity)

Year	Adopted CIP	Proposed CIP
2031/2032		\$900,000

Upsize the alignment to provide sufficient capacity for projected future flow rates. To provide sufficient capacity for 2044 flow rates, upsize the existing 12-inch-diameter sewer main to 15-inch diameter and upsize the existing 15-inch-diameter sewer main to 18-inch diameter in accordance with the City’s construction standards. However, considering the criticality of these alignments, 18-inch-diameter sewer main should be considered for the entire alignment to provide capacity for additional flow rates beyond the 20-year planning period

Taylor’s Landing Lift Station Upgrades

Year	Adopted CIP	Proposed CIP
2031		\$200,000

The coatings in the Taylor’s Landing Lift Station wet well are peeling and should be reapplied. Additionally, there is no flow meter at this site. The City plans to recoat the Taylor’s Landing Lift Station wet well and install a flow meter.

Copper Station Lift Station Upgrades

Year	Adopted CIP	Proposed CIP
2031		\$100,000

The Copper Lift Station needs SCADA upgrades to collect flow meter data and has a tree growing dangerously close to the building’s exhaust that poses a fire hazard. This project includes improvements to address these deficiencies.

Decommission Cedarhome Lift Station

Year	Adopted CIP	Proposed CIP
2031		\$80,000

The Cedarhome Lift Station has been bypassed by a new gravity pipeline and will be decommissioned when no longer required.

Sewer Rate Study

Year	Adopted CIP	Proposed CIP
2029	\$45,000	\$45,000

The City plans to periodically evaluate sewer rates and update them as necessary.

Inflow and Infiltration Study

Year	Adopted CIP	Proposed CIP
2028	\$125,000	\$125,000

The City plans to conduct an I/I study to evaluate the sewer collection system and confirm results. These results help to guide future CIP projects and are often part of National Pollutant Discharge Elimination System Permit requirements.

Headworks Screen Replacement

Year	Adopted CIP	Proposed CIP
2027	\$228,000	\$228,000
2028	\$1,137,000	\$1,137,000

The WWTP uses screens in the headworks building for preliminary treatment of influent wastewater. This includes a mechanical screen with a built-in washer-compactor system for screenings and a manual bar screen in a backup channel. The screens and washer-compactor will exceed their 20-year design life during the planning period and must be replaced.

Improvement: Replace the existing screens with two mechanical screens with built-in washer-compactors for screenings. Minimal structural and mechanical modifications are expected to integrate the new screens. Electrical improvements and the replacement of critical electrical and control equipment will be required to accommodate the proposed equipment.

Existing Secondary Clarifier No. 1&2 Improvements

Year	Adopted CIP	Proposed CIP
2029	\$390,000	\$390,000
2030	\$1,942,000	\$1,942,000

The WWTP uses an activated sludge system for secondary treatment that separates treated secondary effluent from the activated sludge using two 65-foot-diameter clarifiers. These clarifiers use rotating mechanisms to settle sludge at the bottom and remove scum from the liquid surface. Both secondary clarifier mechanisms are original to the 2004 WWTP construction and are reaching the end of their useful lives. The submerged portion of the mechanisms require condition assessments to determine if replacement or recoating is required.

Improvement: For budgetary purposes, this CIP item assumes that condition assessments indicate the need to fully replace both clarifier mechanisms. The project includes the replacement of both clarifier mechanisms with new carbon steel models (field-coated), recoating the troughs and launders, and refurbishing the effluent weir. These improvements can be phased such that one clarifier is improved at a time.

UV System Replacement and Expansion

Year	Adopted CIP	Proposed CIP
2029	\$182,000	\$182,000
2030	\$725,000	\$725,000

The WWTP uses an ultraviolet (UV) disinfection system to disinfect secondary effluent before it is discharged to the outfall. The existing UV system is reaching the end of its useful life, and its peak capacity is insufficient for the peak hour flow projected for the end of the planning period. The UV system must be replaced with a model with sufficient capacity for the planning period projections.

Improvement: Replace the UV system with a larger peak capacity system. Some structural and mechanical modifications are expected to integrate the new UV system. Electrical improvements are expected, including increasing the power feeder size as necessary and providing

instrumentation for full integration. These improvements can be phased such that one reactor channel is upgraded at a time.

WWTP Generator Replacement

Year	Adopted CIP	Proposed CIP
2029	\$202,000	\$202,000
2030	\$1,009,000	\$1,009,000

The WWTP uses a diesel-powered generator housed in the operations building for standby power. Due to the age and observed unreliability of the existing generator, a load analysis and new generator are required.

Improvement: This project involves replacing the indoor generator with a similar unit to be located in the same building. Other upgrades to the ventilation systems, exhaust, and power distribution equipment will be required.

Grit Removal Unit & Classifier Installation

Year	Adopted CIP	Proposed CIP
2027	\$409,000	\$409,000
2028	\$1,635,000	\$1,635,000

The WWTP does not use a grit removal system. Instead, grit is manually removed from the secondary treatment system during semi-annual maintenance. A grit removal system prevents grit from accumulating downstream in the WWTP and reduces wear on equipment. Additionally, upgrades proposed in CIP F9 and CIP F10 introduce new equipment to the WWTP that can be negatively impacted by grit accumulation. Implementation of this item should occur simultaneously with CIP F10 to avoid the negative effects of grit on the proposed equipment.

Improvement: Install a grit removal unit adjacent to the headworks building as called for in the 2004 plans. This will include a classifier and a hopper inside the headworks building, a concrete chamber for the grit unit, and concrete slabs with metal structures to house the equipment. Some structural and mechanical modifications to the screening channels will be necessary to implement the grit unit. Electrical improvements are required to accommodate the proposed equipment, including providing a power feeder as necessary and control wiring as required for full integration.

Stormwater Capital:

Larson Dam Replacement

Year	Adopted CIP	Proposed CIP
2025	\$200,000	
2026		\$200,000

Replace Larson Dam

Cedarhome Dr Collection System

Year	Adopted CIP	Proposed CIP
2026	\$100,000	\$100,000

Year	Adopted CIP	Proposed CIP
2027	\$1,500,000	\$1,500,000

Cedarhome Drive Collection System to take flow off the SR532 storm crossing behind Carlson Trucking.

Irvine Slough Dredge

Year	Adopted CIP	Proposed CIP
2026	\$60,000	\$60,000
2028	\$80,000	\$80,000
2030	\$150,000	\$150,000

We have a 5-year HPA to dredge Irvine Slough. It should be done every other year to improve storm conveyance.

Floodwall- Florence Rd.

Year	Adopted CIP	Proposed CIP
2025	\$400,000	
2026	\$200,000	\$200,000

Construct a removable floodwall on BNSF tracks.

Irvine Slough Drainage

Year	Adopted CIP	Proposed CIP
2025	\$3,700,000	
2026	\$2,200,000	\$4,326,000
2027		\$4,586,400

2026 we look to construct IS4 phase 2 & 5. Phase 2 will construct a new pump station on 92nd to collect and convey stormwater to Irvine slough. Currently existing gravity pipes do not have the fall to get water to the slough by gravity. Phase 5 will add piping North on 92nd to connect to existing storm system flowing from 271st and Heritage Park ditches. 2027 we plan to construct phase 4, which runs from the pump station on 92nd East to BNSF tracks.

GIS Equipment and Setup (Stormwater)

Year	Adopted CIP	Proposed CIP
2025	\$100,000	
2026	\$100,000	\$100,000

Annual investment for sewer element for building a complete GIS system. The GIS system will provide an accurate inventory and location of City storm sewer system.

Skagit Bay Dike Repair

Year	Adopted CIP	Proposed CIP
2026	\$7,000,000	\$7,400,000

Skagit Bay Dike Repair will be completed.

Irvine Slough Pump Station

Year	Adopted CIP	Proposed CIP
2025	\$100,000	
2026	\$150,000	\$250,000
2027	\$250,000	\$250,000
2029		\$510,000

Deficiency: The ISPS includes a small wooden building that houses the pump station’s controls and telemetry. The structure’s exterior is in poor condition and the finished floor elevation is below the 100-year floodplain. City staff have needed to place sandbags around the structure to prevent water from entering the facility during high tides. Electrical and controls equipment is aging and due for replacement.

Improvement: Demolish the existing controls building, grade the site to bring the new structure above the 100-year floodplain, construct a new concrete masonry unit building, and install new electrical, controls, and telemetry equipment improvements.

Lovers Road & 92nd Ave NW Ditch Improvements

Year	Adopted CIP	Proposed CIP
2027		\$40,000
2028	\$690,000	
2030		\$40,000

Flooding between Drainage and Diking Improvement District 7 and lands north of Lover’s Road is widespread. The capacity of the Lover’s Road ditch system is insufficient and has localized low points that trap water. The culverts are either perched, partially buried, or of inadequate diameter.

South Douglas Slough Outfall Rehabilitation

Year	Adopted CIP	Proposed CIP
2028	\$350,000	\$350,000

The South Douglas Slough Outfall to the Stillaguamish River is believed to have become buried in sediment. During field investigations by RH2, and subsequent visits by City staff, the outfall could not be located. The City suspects that the tide gate also may be damaged. City staff are continuing to investigate the condition of this part of the City’s system, and plan to conduct closed circuit television video inspection of the existing pipe. Improvement: This project is assumed to include excavating to expose the buried outfall, removing accumulated sediment from within the existing 36-inch pipe, and replacing the 36-inch tide gate.

Drainage System Receiving Station

Year	Adopted CIP	Proposed CIP
2028	\$400,000	\$400,000

Deficiency: City staff use vactor trucks and street sweepers to clean roadways, maintain storm and sanitary sewers, and other purposes. The City is in need of a dedicated facility to receive sweepings and material emptied from vactor trucks. Improvement: Construct new drainage system receiving station on the City's wastewater treatment plant (WWTP) site. The facility is estimated to be approximately 3,000 square feet and will include a concrete vehicle ramp, receiving basin, and channel with a constant low slope to allow separation of water from the sediment, refer to Image 6-14. Handrails will be located on top of the exterior channel walls for fall prevention. The facility will be covered by a roof structure that is supported by posts. Associated improvements will include water piping and hose bibs for wash down, and a new sump pump and 2-inch-diameter force main extending from the structure to the WWTP headworks.

85th Drive Drainage Improvements

Year	Adopted CIP	Proposed CIP
2030	\$1,180,000	\$500,000

Deficiency: Drainage routinely floods a private residence at the 27800 block of 85th Drive NW because there is no formal drainage system along the road.

Improvement: This project was identified as CIP Project No. 10 in the City's 2015 SCP and remains unchanged. It includes installing a piped conveyance system along 85th Drive NW to flow south and connect to the proposed ditch at 276th Place NW (CIPSW12). Install approximately 1,200 lf of 12-inch storm sewer pipe and 13 catch basins. Resurface approximately 1,200 lf of 85th Drive NW to improve stormwater collection.

276th Place and Pioneer Highway Drainage Improvements (Ditch Work)

Year	Adopted CIP	Proposed CIP
2029	\$80,000	\$110,000

Deficiency: Runoff from 85th Drive NW flows south toward Pioneer Highway, often resulting in erosion of the roadside shoulder and icy road conditions during the winter. The runoff flows cause recurring maintenance concerns and safety issues on Pioneer Highway.

Improvement: This project was identified as CIP Project No. 4 in the City's 2015 SCP and remains unchanged. Construct approximately 250 feet of asphalt-lined ditch improvements along 276th Place NW, terminating at a catch basin to eliminate the ponding that occurs. Construct 10 feet of 18-inch-diameter inlet pipe to collect and convey stormwater into the City's storm sewer system for discharging.

Water Capital:

72nd Ave main (loop system)

Year	Adopted CIP	Proposed CIP
2025	\$150,000	
2026		\$700,000

This project consists of installing approximately 700 lf of 12-inch water main in 72nd Avenue NW to complete a water main loop. Planning to be installed during sidewalk installation. Previous CIP budget did not include the correct LF of piping.

Cedarhome Well Generator

Year	Adopted CIP	Proposed CIP
2025	\$250,000	
2026		\$250,000

The 297 Zone is supplied by the Cedarhome Well which is not equipped with an emergency generator. An emergency generator at the Cedarhome Well will allow the City to continue to utilize the source during a power outage.

Improvement: Install an emergency generator and automatic transfer switch at the Cedarhome Well. The installation should include an outdoor rated generator with sub-base fuel tank on a concrete pad within close proximity to the building, bollards for vehicle protection of the generator and fuel tank, an outdoor-rated automatic transfer switch, and the associated conduit and conductors for integrating the generator and transfer switch into the existing electrical and control system.

271st St At Florence Pipe Upsize

Year	Adopted CIP	Proposed CIP
2029	\$205,000	\$500,000

This project consists of installing approximately 500 lf of 12-inch water main in 271st Street NW between 88th Avenue NW and Florence Road.

Decommission Sill Well

Year	Adopted CIP	Proposed CIP
2027	\$15,000	\$26,000

The Sill Well was a City source of supply more than 20 years ago. The well is not equipped with a pump or connected to the water system. The well needs to be properly decommissioned, and the property sold to the surrounding property owner.

Improvement: Decommission the Sill Well. Remove any existing fencing structures, piping, and electrical equipment. Hire a licensed well driller to properly decommission the well per WAC 173-160-381. Perforate the casing and pressure grout to fill inside the casing as well as any voids outside of the casing with scaling material.

(89th) Northern UGA Main Improvements

Year	Adopted CIP	Proposed CIP
2030	\$720,000	\$720,000

This project consists of replacement of a 2-inch galvanized water main in 89th Avenue NW with approximately 1,040 lf of 8-inch PVC. There are currently approximately 20 services and 3 fire hydrants along this alignment.

(Skrinde Rd) Northern UGA Main Improvements

Year	Adopted CIP	Proposed CIP
2029	\$1,150,000	\$1,400,000

This project consists of replacing approximately 2,050 LF of 2-inch galvanized and 6-inch PVC water mains along Skrinde Road with 8-inch PVC water main. This alignment currently has approximately 10 services and 2 hydrants.

(288th to Pioneer HWY) Northern UGA Main Improvements

Year	Adopted CIP	Proposed CIP
2028	\$950,000	\$2,200,000

This project consists of replacing 4-inch AC and 4-inch galvanized water main along 288th Street NW with approximately 2,400 lf of 12-inch PVC water main. The alignment currently has 10 services, 3 fire hydrants, and 1 PRV station

272nd ST from 78th ST to 72nd ST Main Replacement

Year	Adopted CIP	Proposed CIP
2026	\$120,000	\$120,000
2027	\$1,030,000	\$1,880,000

This project consists of replacing approximately 2,250 LF of 6-inch and 8-inch AC and 10-inch PVC water main in 272nd Street NW with 12-inch PVC. Currently, there are 15 services and 3 hydrants.

Cedarhome Drive Main and Park Drive Replacement

Year	Adopted CIP	Proposed CIP
2025	\$164,000	
2026	\$1,500,000	\$1,500,000

This project consists of replacing 6-inch steel and AC and 2-inch galvanized water main in Cedarhome Drive from Pioneer Highway to 276th Place NW, including looping in Park Drive, with approximately 3,250 ft of 8-inch PVC pipe.

Leque Road Main Replacement

Year	Adopted CIP	Proposed CIP
2029	\$100,000	
2030	\$1,000,000	\$1,000,000

This project consists of replacing a 2-inch galvanized and 6 inch PVC water main in Leque Road with approximately 5,700 ft of 8-inch PVC. There are currently eight hydrants to be replaced along this alignment.

Knittle Booster Station Improvements

Year	Adopted CIP	Proposed CIP
2025	\$236,000	
2026	\$850,800	\$1,664,000

The Knittle Booster Pump Station is approximately 27 years old, and the facility has issues with a rusting steel floor and piping. The City also has concerns with pump efficiency. Pumping

capacity from the 297 Zone to the 365 Zone should also be increased to reduce the fire flow storage requirements in the Cedarhome Reservoir.

Improvement: Replace the existing BPS with a new BPS in a CMU block building with a concrete floor. The new BPS should have a firm capacity of 3,000 gpm to allow the system's highest planning-level fire flow requirement to be pumped from the Knittle Reservoirs to the 365 Zone. The existing generator will need to be supplemented or upsized to support the increased BPS capacity.

76th Drive Main/Service Relocation

Year	Adopted CIP	Proposed CIP
2026	\$90,000	\$180,000
2027	\$700,000	\$1,020,000

This project consists of replacing approximately 1,350 lf of 6 inch AC and 4-inch PVC water main in 76th Drive NW with 1,350 feet of 12-inch PVC, and relocating water services from an alley to the new main. There are approximately 20 services to relocate and 3 fire hydrants along with the hydrant. This project is anticipated to be coordinated with the 272nd Street and 76th Drive Sewer Main Replacement

101st AVE from 272nd PL to 274th Main Replacement

Year	Adopted CIP	Proposed CIP
2030	\$506,791	\$600,000

This project consists of replacing 6-inch AC and 2-inch PVC in 101st Avenue NW from 272nd Place NW to 274th Place NW with approximately 750 lf of 8-inch PVC, including relocating services and three hydrants.

GIS Equipment and Setup (Water)

Year	Adopted CIP	Proposed CIP
2026	\$100,000	\$100,000

Annual investment for Water element to build a complete GIS system. This GIS system will provide an accurate inventory and location of City water system.

