2021-2026 – CIP Project Descriptions

Capital Facilities

City Shop Upgrade and Expansion (2021)

Project includes expansion and facility development in the existing shop area and the City owned undeveloped area between the shop and 3rd Ave. Improvements include designated areas for material stockpiles, salt storage, police vehicle staging, a greenhouse, a fuel station, and future buildings for offices and equipment storage and maintenance.

Benefit

This project aims to improve the City's maintenance operations by providing adequate material storage and laydown areas, facilities to support equipment operation and maintenance, and healthy, safe, and sufficient workspace for personnel.

Citywide Broadband Accommodation (2021)

This project includes participating in the development and expansion of broadband internet service in Sequim.

Benefit

This project aims to improve information technology services in the City of Sequim.

Gerhardt Park Building Restoration (2022)

This project includes the removal and restoration of existing building structures at Gerhardt Park. The restoration scope of work will be identified through a park master planning process.

Benefit

This project aims to activate the park for community recreation.

EV Infrastructure at City Shop (2023)

This project includes the installation of Electric Vehicle (EV) charging infrastructure at the City Shop.

Benefit

This project will support the City's reduction of emissions and lower fuel costs through the purchase of electric vehicles.

Solar on Guy Cole (2026)

This project will install solar panels on the Guy Cole Event Center roof.

Benefit

This project aims supplement the energy use at Guy Cole Event Center with renewable energy thereby reducing the building's carbon footprint. If the building uses less than what is generated, the extra renewable energy will flow into the grid.

Parks

Pave Reuse Demo Parking Lot (2021)

This project will pave the parking area located at the south end of the Albert Haller Playfields at the Reuse Demonstration Site. It will also widen the access at North Rhodefer Rd to allow two-way traffic to enter and exit from the parking area.

Benefit

This project aims to improve parking and access at this regionally popular recreational facility.

Carrie Blake Park Bridges (2021)

This project includes the replacement of four timber pedestrian bridges between Carrie Blake Park and the Reuse Demonstration Site across Bell Creek. The new bridges will be ADA compliant and at least one will have the ability to have mowers cross. The new bridges will be engineered and properly anchored to withstand high-water flooding periodically experienced in Bell Creek during wet weather months.

Benefit

This project aims to improve the pedestrian connectivity for patrons with mobility challenges and provide maintenance access between the two recreational facilities.

Parks Impact Fee Study and Master Plan Update (2021)

This project will update the City's park Master Plan and Impact Fee Study.

Benefits

This project aims to update the Park Master Plan and to ensure sufficient funds are available to support development of citywide recreational facilities.

City Wide Park Land Acquisition (2022)

Secure right-of-way for future park development based on the updated Park Master Plan.

Benefit

This project aims to ensure recreational opportunities are provide throughout the city.

Playground Equipment Upgrade - Kirner Park (2022)

The project includes installation of new playground equipment at Kirner Park.

Benefit

The project aims to provide safer, more usable equipment appealing to a wider range of ages and abilities.

Guy Cole Parking Lot Overlay and Drainage Improvements (2023)

Project will configure the Guy Cole Event Center parking to be coordinated with other park facilities. Project will include asphalt overlay, sidewalk betterment, landscaping, drainage, and lighting.

Benefit

This project aims to provide additional parking, better pedestrian connectivity, and improved aesthetics.

Pioneer Park Sewer Connection (2023)

This project will eliminate the septic system and the connect existing park facilities to the City's sewer collection system.

Benefit

This project aims to provide better reliability and maintenance of the park's sewerage collection system and to bring the park into conformance with City code for sewer service.

Reuse Demo Site Band Shell Tiered Seating (2025)

This project includes tiered seating around the performance stage located at the water reuse demonstration site.

Benefit

This project fulfills elements of the Carrie Black Park Master Plan.

Sewer

Aerobics Digester Capacity Upgrades (2020)

This project includes constructing two new 100,000-gallon digester cells with blowers and diffusers for aeration and installing a rotary screen thickener to thicken WAS upstream of the digesters at the WRF.

Benefit

This project will increase the capacity of the existing aerobic digestion system by adding additional tank space. Furthermore, the additional tank space will provide for Class B biosolid production should the downstream mechanical dewatering system needed to produce Class A biosolid be down for an extended period of time.

WRF Headworks Modifications No 2 (2021)

This project will replace or potentially rebuild the existing HYCOR mechanical fine screen at the WRF headworks. The existing screen was installed in 1998 and will be nearing the end of its service life. Following its installation, this new or rebuilt screen will serve as the primary headworks screen.

Benefit

The unit will be replaced with a new mechanical fine screen model that meets the requirements set forth in WAC 173-308.

Willow/Blake Street Sewer Line Improvement (2021)

This project includes replacing under sized mains and manholes that have been damaged from hydrogen sulfide corrosion.

Benefit

This project will add capacity to the City's collection system while replacing infrastructure that has reached the end of its service life.

City-wide Inflow and Infiltration Reduction (2021)

This project will rehabilitate sewer collection mains and manholes where inflow and infiltration (I/I) is entering into the collection system during periods of high groundwater and during storm event.

Benefit

This project aims to minimize the risk of backups and overflows in the collection system and at the Water Reclamation Facility (WRF). I/I can cause structural instability of sewer pipes. It also reduces the pipe capacity for conveying sewer flow. Treating I/I at the WRF is costly and reduces the plant capacity for sewage treatment.

Etta Street Sewer Improvements (2022)

This project will replace the deteriorating concrete sewer line along Etta Street between South Sequim Avenue and South Sunnyside Avenue. This line was identified in the 2006 Comprehensive Plan for replacement due to deteriorating aggregate. This project will install approximately 550 LF of 12-inch pipe between South Sequim Avenue and South Sunnyside Avenue.

Benefit

While the line currently has sufficient capacity, it is in the downtown corridor and is projected to need upsizing to accommodate the projected flows for the City and Carlsborg.

Cedar/Spruce Alley Sewer Replacement (2023)

This project rehabilitates 3,900 LF of existing sewer pipe located in the alley between West Cedar Street and West Spruce Street between North Seal Street and North 7th Avenue.

Benefit

This project aims to equip the City with the ability to accommodate anticipated peak hour flows for the downtown corridor while restoring the existing deteriorated sewer main.

General Sewer Plan Update (2023)

The General Sewer Plan provides a long-term planning strategy for the City's sewer utility for the 6-year and 20-year planning periods meeting requirements of the Washington State Department of Ecology.

Benefit

The proposed General Sewer Plan will update the adopted plan developed in 2013. Following adoption of the 2023 plan, an update will not be necessary until year 2033.

Sewer line under new Guy Cole Parking Lot (2023)

This project includes the replacement of the sewer line that extends from the Guy Cole Event Center to Rhodefer Rd.

Benefit

This project aims to increase the pipe slope to provide higher velocity flow necessary for the main to be clean and to prevent back-ups.

WRF Influent Trunk Line Pipeline Repair/Replacement (2024)

The existing pipeline will be removed and replaced with approximately 5,000 LF of 24-inch HDPE pipe to accommodate projected flows for the City and surrounding areas. The project will also include the installation of new manholes approximately every 500 feet along the new pipe section for maintenance access.

Benefit

This project will improve the condition of the primary trunk line between North Blake Road and the WRF to ensure continuous transmission of wastewater to the WRF.

Class A Biosolids Handling & Distribution Center (2024)

This project will include construction of new facilities to increase public access to the Class A biosolids produced at the WRF. Facilities will include a large, covered area for raw biosolids storage, smaller holding areas for biosolids and various amendments, and a small area for public access and biosolids loading. Facilities will be designed to minimize odors and will include appropriate stormwater controls.

Benefit

The distribution center provides an additional method of biosolid disposal.

Reclaimed Water Storage Feasibility Study (2024)

This project is a study to evaluate the feasibility of developing a reservoir above the WRF to the north with the purpose of using the Class A reclaimed water for agricultural irrigation.

Benefit

This project will help reduce dependency on irrigation water diverted and conveyed from the Dungeness River.

Stormwater

7th Ave and Washington Upgrade (2020)

This project installs a Filterra bio-filtration unit or similar, ties existing catch basins into the Filterra, and extends the infiltration trench at the intersection of 7th Avenue and Washington St.

Benefit

Eliminates frequent flooding at the southwest corner of the intersection and treats the runoff prior to infiltration.

Dungeness Off-Stream Reservoir Stormwater Improvements (2021)

This project captures stormwater from the Burnt Hill area located southwest of Sequim in Clallam County and aims to alleviate periodic flooding inside City limits. The stormwater will be diverted to a large overland parcel for dispersion and infiltration.

Benefit

This project relies on green infrastructure to fortify the aquifer and improve resilience of drinking water supplies for thousands of residents in the City of Sequim and Clallam County while reducing periodic flooding inside City limits.

Miller Road Abatement - City Limit to Emerald Highland Pond (2022)

This project will restore and better utilize the existing Emerald Highland Pond capacity through brush removal, servicing checks valves, and cleaning pond outlets. Existing stormwater drainage converging at the Clara Crest and Miller intersection will be routed into the pond.

Benefit

Eliminates flooding of Miller Rd and Clara Crest; provides treatment for run-off entering Bell Creek.

Seal Street Drainage Improvements (2022)

This project will convey runoff to the existing drywells on Seal St. The drywells may need rehabilitation or expansion to infiltrate stormwater effectively.

Benefit

This project aims to eliminate flooding and improve safety along the alley and Seal St.

South 3rd Ave Drainage Improvements (2024)

This project pipes the flows to the base of the fill slope and routes the runoff via ditches across school property. It will install an 18-inch diameter culvert under the Hideaway Homes Park driveway and a catch basin at the discharge end of the culvert, tied to existing drainage pipes discharging to the large retention pond on the NE corner of S. 3rd Ave and W. Brownfield Rd

Benefit

Eliminates erosion and flooding of non-City property.

Bell Creek Culvert Under Blake Ave, Park Entrance, and Rhodefer Rd (2024)

This project replaces existing double culverts with larger, fish passable culverts under Blake Avenue, the pedestrian entrance to Carrie Blake Park, and Rhodefer Rd.

Benefit

This project aims to improved fish passage, eliminate flood flows onto Blake Ave, Gebhardt-Zwicker Trail, and Rhodefer Rd.

Bell Creek Culvert Upgrade at Washington St (2025)

This project will replace an existing 48-inch diameter culvert under E. Washington St with a fish passable culvert to join the 11' by 6' box culvert under the Les Schwab driveway.

Benefit

This project aims to eliminate flooding and overland runoff into Bell Creek at South Brown and East Washington and improve fish passage.

Streets

South Sequim Complete Streets (2020)

Once complete, the 12-block (1.5-mile) corridor in South Sequim, centered upon Prairie Street, will directly connect our two Economic Opportunity Areas (EOAs), from the west side to the east side of the downtown area.

Benefit

Currently a local street only, Prairie Street is slated to be a "collector" that serves the EOA zones on its west and east ends according to the City's 2013 Transportation Master Plan. Establishing a complete street in South Sequim will improve east-west mobility and take traffic pressure off Sequim's main downtown thoroughfare, Washington Street. While Prairie Street is just three blocks from and parallel to Washington Street, the change to a collector route will be a challenging transition for residents given the casual, un-curbed roadway they're used to.
An inclusive notification and participative outreach effort will be important in bringing residents along on the journey to a modern level of service. Adjacent streets, avenues and alleys may be included to provide an east-west connective corridor for South Sequim that safely accommodates pedestrian, cyclist and motorist traffic, and connects the two EOA's that bookend the corridor while preserving and enhancing the unique character of the South Sequim neighborhood. The City desires to make an example of the South Sequim Complete Street project by implementing modern principles to create safe and encouraging multi-modal transportation options, manage and treat stormwater using LID, and revitalize the existing residential neighborhood.

City-wide Pavement Rehabilitation (2020)

Perform pavement repair, overlay, or reconstruction of City streets.

Benefit

Maintains or slows the decline of the street systems Pavement Condition Index. Improves look and driveability of streets.

US 101 East Sequim Corridor Improvements (2020)

The US Highway 101 East Sequim Corridor Improvements aims to improve safety, mobility, and economic development opportunities. Design elements will include:

- Complete the Simdars Road interchange to fully support economic development on the east side of Sequim including in the recently created Emerald Coast Economic Opportunity Zone.

- Construct a frontage road connecting Palo Alto and Happy Valley Roads to the Simdars interchange and eliminating their direct connection to US Highway 101. Traffic volumes have increased tremendously since the bypass was built and this will greatly enhance safety on the highway mainline and provide safe access for users of Palo Alto and Happy Valley to a freeway connection at the interchange and to city streets.
- Landscape the Sequim bypass between Simdars and River Roads. The work was not done when the bypass was built and has left an unattractive "gateway" to the North Olympic Peninsula.

This work would fit in well with the already funded 2023 project to replace the Johnson Creek culvert with a bridge and could take place at the same time, minimizing traffic disruptions.

Benefits

Smoother through traffic on US 101 will move more traffic more efficiently through the corridor. A completed diamond interchange means westbound traffic heading to Sequim's east side will not have to go through downtown, relieving serious congestion there.

Combining the project with the Johnson Creek bridge project and using the newly constructed frontage road as a detour route for US 101 bridge construction could save significant construction funds.

City Wide Pedestrian/Bike Improvements (2020)

This annual city-wide program will support the construction of pedestrian and bicycle improvement projects.

Benefit

This program aims to improve pedestrian and bicycle facilities for users of all ages and abilities throughout the city.

Sequim Ave Roundabout Upgrade and Sidewalk Infill between Old Olympic and Hendrickson (2020)

The primary need for this project is mobility, filling a 3,000-foot gap is sidewalk facilities for pedestrians along the westside of Sequim Ave and by providing bike lanes between Port Williams Road and Deytona Street on Sequim Ave. The project also includes retrofitting the roundabout at the intersection of the N. Sequim Ave and Port Williams Road to include safe pedestrian and bicycle crossings.

Benefit

This project will improve pedestrian and bicycle facilities through the roundabout at Port Williams Road and along the N. Sequim Ave serving the Sequim School District campuses.

Washington St Pavement Rehabilitation (2021)

This project includes HMA overlay of roughly 15,000 linear feet of Washington Street between River Road and Simdars Road. The project also includes replacement of non-compliant ADA curb ramps and driveways.

Benefit

Project benefits includes pavement rehabilitation, improved ADA accessibility, and better pedestrian mobility.

North Kendall Rd and West Hendrickson Rd Intersection Improvements (2022)

This project will improve the intersection through additional pavement, improved sight lines, striping, and signage.

Benefit

This project aims to provide a safer access for bicyclists, pedestrians, and vehicles through the intersection.

Transportation Master Plan Update (2022)

The Transportation Master Plan provides a long-term planning strategy for the City's surface transportation network for the 6-year and 20-year planning periods.

Benefit

With a goal of adoption in year 2023, the proposed Transportation Master Plan will replace the adopted plan developed in 2013 and will not require another update until year 2033.

Brown Rd - Washington to Fir (2022)

This project includes pavement preservation as well as construction of curb-bulbs with rain graders for stormwater treatment and infiltration, ADA accessible curb ramps and driveways, and bike lanes.

Benefit

This project aims to maintain the roadway pavement, improve pedestrian and bicycle mobility for users of all ages and abilities, and enhance the streets aesthetics.

Seal Street Enhancement (2023)

The project will rehabilitate the alley with new lighting, street features, traffic calming, and pavers.

Benefit

This project aims to “activate” the alley by improving the alley’s pedestrian connectivity and aesthetics.

Washington Place Extension (2023)

This project includes extension of the road serving Carrie Blake Park from the park’s entrance to North Rhodefer Rd.

Benefit

This project aims to improve park access and provide an east-west route between Rhodefer and Blake Ave for local motorized and non-motorized travel.

North 9th Ave - Brackett to Hendrickson (2023)

This project includes constructing North 9th Ave from Brackett Rd to Hendrickson Rd.

Benefit

This project aims to reduce traffic congestion and improve pedestrian mobility by providing a new north-south collector street.

Etta Street Active Alleyway (2023)

This project will rehabilitate the alley with new lighting, street features, traffic calming, stormwater improvements, and pavers.

Benefit

This project aims to “activate” the alley by improving the alley’s pedestrian connectivity and aesthetics.

Sunnyside Avenue Sidewalk (2024)

This project will construct ADA compliant sidewalk, curb and gutter, and improve storm water handling.

Benefit

This project aims to improve pedestrian mobility for users of all ages and abilities.

West Sequim Bay Rd Shoreline Revetment Repair (2024)

This project includes reconstructing the rock revetment supporting West Sequim Bay Rd near Pitship Bridge.

Benefit

The rock revetment will stabilize the roadway embankment and prevent wash-out during storms.

South 7th Improvement - Comfort Way to McCurdy (2025)

This project includes widening S. 7th Ave to include pedestrian and bicycle facilities.

Benefit

This project aims to provide pedestrian and bicycle facilities serving users of all ages and abilities.

ODT East Hendrickson Eastern Extension (2026)

This project will extend the Olympic Discovery Trail from North Sequim Ave to North Brown Road.

Benefit

This project will provide a separated shared-use path for pedestrians, cyclists, and motor-scooters.

Water

AC/Galv Iron Main Replacement (2020)

This project provides an annual allotment to replace undersized or failing AC and galvanized iron water mains throughout the distribution system with piping of sufficient diameter to meet future demands, using state-of-the-art materials and construction techniques.

Benefit

Customers will enjoy greater service reliability, and the water utility will reduce its future maintenance and emergency repair costs.

West Washington Street Isolation Valves (2020)

Under Project D-26, the City will add isolation valves to the existing 10-inch diameter water main on West Washington Street, at its intersections with 2nd Avenue, 3rd Avenue and 4th Avenues. This project will add four-way gate valve clusters on the existing 6-inch diameter cross-street mains to allow future upsizing.

Benefit

Future iterations of the Sequim CIP may include project funding to repave the reach of West Washington Street pavement patching done in conjunction with Project D-26.

General Water System Plan Update (2020)

The General Water System Plan provides a long-term planning strategy for the City's sewer utility for the 6-year and 20-year planning periods.

Benefit

Planning is the foundation of a safe, successful, and sustainable public water system. The 2020 updated plan will replace the 2014 adopted plan and will not require an update until year 2034.

New Deep Well (2021)

The City plans to drill and develop an additional well within the water system, although the location of that well was not identified at the time that this CIP was prepared.

Benefit

The City’s water rights provide sufficient instantaneous withdrawal to meet forecast demands through the 20-year horizon of the Sequim Comprehensive Plan. The City’s current sources do not have the capacity to supply the entire instantaneous water right entitlement. The proposed well addition would offset this potential shortfall.

New SCADA Installation (2021)

This project will connect numerous remote Public Works sites to a central location where an operator will be able to observe, record, and change process control parameters at the remote site.

Benefit

SCADA upgrades would keep the City's utility systems current with available monitoring technology. It would allow operators to respond more quickly to potential problems, promote efficient use of energy resources, and reduce operation and maintenance costs for utilities.

Simdars Road Booster Station (2022)

This project will improve capacity to transfer water from the Port Williams Wellfield in the 350 Pressure Zone to the 420 Pressure Zone under high demand conditions. The proposed Simdars Road Booster Station would have a reliable capacity of 600-gpm with three booster pumps.

Benefit

The City has identified concerns with water age and lack of turnover in the Solana Reservoir, resulting in a low chlorine residuals in water withdrawn from the reservoir. The Solana area is located at a dead end with supply coming from a single direction. The booster station would provide redundant supply to the Solana development, which is currently served by a single line along Brownfield Road. This project would also improve water quality in the Solana Reservoir by allowing the City to deliver water more directly from the Port Williams Wellfield.

Brown Road Water Main - Pt Williams to East Fir (2022)

Under Project D-2, Sequim will install approximately 2,600 LF of 12-inch water main along Brown Road from Port Williams Road to Hendrickson Road.

Benefit

This project will provide additional capacity for the system to serve future growth anticipated in the east portion of the service area and provide additional transmission capacity from the Port Williams Wellfield.

Brown Road Water Main from East Fir Street to East Washington Street (2022)

Project D-13 will improve fire flow to commercial developments in the easterly portion of city center. Construction will include installation of approximately 1,800 LF of 12-inch diameter PVC water main piping along Brown Road from East Fir Street to East Washington Street.

Benefit

Commercial areas on East Washington St in the 350 Pressure Zone have been identified in the Water System Master Plan as among locations that meet minimum IFC required fire flows, but are not able to meet the City's more rigorous standard. Project D-13, in concert with CIP Projects D-1, D-8, and D-28, will help meet the proposed system-wide commercial standard flow of 3000gpm at 20psi.

East Etta Street Water Main (2022)

Project D-15 will complete a loop along East Etta Street. Construction will consist of approximately 550 LF of 8-inch water main along East Etta Street from South Sequim Avenue to South Sunnyside Avenue.

Benefit

This project is part of a suite of proposed CIP improvements, including Projects D-24 and D-27, to improve fire flows in the 350 Pressure Zone. It was started in 2013.

Pressure Relief Valve (2022)

Project D-19, the City will install pressure relief valve stations at yet-to-be-determined locations in the 500 Pressure Zone, the 420 Pressure Zone, and the 350 Pressure Zone to provide protection from overpressure if a PRV in a higher Pressure Zone is stuck open. It is anticipated that the PRVs will be located near the lowest elevation points in the 500 and 350 Pressure Zones. The PRV station for the 420 Zone will be located at the 420 Reservoir site.

Benefit

The project will reduce the risk of damage to water mains, water meters and to customer-owned plumbing that could result from over-pressurization of a gravity-fed distribution system.

West Prairie from S Sequim to S 5th (2022)

Replace and upsize water line to an 8-inch main on Prairie Street from South Sequim Ave to 5th Ave.

Benefit

Eliminates leaks and replaces galvanized pipe. Provides for looping and system isolation.

5th Avenue Water Main (2023)

This project will loop the piping in the 480 Pressure Zone and improve fire flows in that zone that do not meet the minimum 1,000 gpm requirement. Construction will include installing 650 LF of 8-inch diameter PVC water main piping and fittings along South 5th Avenue from West Reservoir Road to West Norman Street.

Benefit

Project D-3 will address deficient fire flows, improve water storage recovery, and aid transmission capacity in the 480 Pressure Zone. They are part of the proposed system looping improvements encompassed by Projects D-4, D-5 and D-16

Ranney Well Water Line Replacement (2023)

This project includes the replacement of the more than 3 miles of water main from the Ranney well to the reservoirs on Reservoir Rd.

Benefit

This project aims to replace the existing brittle AC water main prone to leaking with a more resilient plastic pipe material.

Water line under new Guy Cole parking lot (2023)

This project includes replacing a 6-inch AC water main near the end of its service life with a new 8-inch diameter plastic water main.

Benefit

This project aims to improve fire flow while replacing an aged pipe constructed of a material known to be brittle and prone to leaking.

Blake Ave Extension to Rhodefer Rd (2023)

Project includes construction of a new water main to finish the water main looping from Blake Ave to Rhodefer Rd.

Benefit

This project aims to provide the surrounding areas increased fire flow and better water circulation.

Reservoir Road and 7th Avenue Water Main (2024)

Project D-4 will provide additional flow into the 480 Pressure Zone and lower zones through a new PRV station. The area served by these improvements did not meet Sequim's 1,000 gpm fire flow standard at the time that this CIP was published. Construction will include installation of approximately 1,400 LF of 12-inch diameter PVC water main from the 480 Reservoir west on Reservoir Road to South 7th Avenue, and thence north on South 7th Avenue to Norman Street.

Benefit

Project D-4 is one of several initiatives that will help correct fire flow deficiencies throughout the 480 Pressure Zone, and within residual areas of the lower 420 Pressure Zone. Related improvements under Projects D-3, D-5 and D-16 are recommended to loop the existing water lines. Because this project also promotes expansion of growth to the Southwest sector of the City, in accordance with the Comprehensive Plan, Project D-4 will be developer funded.

Port Williams Well No. 4 (2024)

Development of a fourth well at the Port Williams Wellfield is part of the long-term development of that facility in accordance with the City's current Port Williams water rights.

Benefit

Port Williams Well No. 4 will help Sequim to gradually eliminate use of surface water from the Dungeness River as a source of supply, except on an emergency basis.