



Quarterly Project Status Report

Fiscal Year 2024 Quarter 2

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CITY OF BEND
ENGINEERING & INFRASTRUCTURE PLANNING



1AADA Accessibility Opportunity Projects

Fund: Accessibility Construction	
Project Manager: Ryan Oster	Project Phase: Completed
Est. Start Date:	Est. End Date:

Description & Background

Design and construct accessibility improvements that are not federally required as part of an alteration to an existing road by another project. It will address various Barrier Removal Requests (BRRs) that are smaller and/or easier to resolve and are not part of another planned CIP project. The Accessibility Opportunity Projects will also design and construct accessibility improvements when such opportunities arise via other CIP projects, such as water, sewer, or transportation projects.

Project Schedule & Status

On Schedule	Project remains on schedule as funding mechanism for other Accessibility Projects
Status Update	Funds have been identified for Project 1SPSD and 1WABD – see respective project sheets

Financial Summary - Spending by Fund | Project Photo

Accessibility Construction	\$126,259
Transportation Construction	--
Water	--
Water Reclamation	--
Stormwater	--
General Obligation Bond	--
Other	--
Total Spent	\$126,259



Total Project Cost Estimate	\$2,261,200	Pedestrians crossing street with accessibility access
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1BCTL Cooley Rd. / Talus Rd. Improvements

Fund: Other	
Project Manager: Eric Forster Kevin Howard	Project Phase: Completed
Est. Start Date: March 2022	Est. End Date: June 2023

Description & Background

Full roadway, water, and sewer infrastructure improvements including and franchise utility facilities to extend Cooley Road and Talus Place to support the Juniper Ridge Employment Subdistrict Phase 2 plat.

Project Schedule & Status

On Schedule	Project on schedule and complete
Status Update	This project was completed in June of 2023. It should be noted that a future overlay project on Talus Place and 18th Street has been initiated for design that will accommodate sewer infrastructure decommission because of the new sewer connection to the North Interceptor as part of the new Public Works Campus construction. Both Projects will continue to coordinate to first serve the Public Works Campus, and then complete the Juniper Ridge Employment Subdistrict improvements. See future quarterly reports.

Financial Summary - Spending by Fund | Project Photo

Financial Summary - Spending by Fund		Project Photo
Accessibility Construction	--	
Transportation Construction	--	
Water	--	
Water Reclamation	--	
Stormwater	--	
General Obligation Bond	--	
BURA Juniper Ridge	\$2,943,248	
Total Spent	\$2,943,248	
Total Project Cost Estimate	\$3,640,000	Picture of site upon completion



1PNMP North Mirror Pond Parking & Brooks Promenade Enhancements

Fund: Other	
Project Manager: Ben Hemson Kevin Howard John Condon	Project Phase: Planning
Est. Start Date: July 2023	Est. End Date: June 2025

Description & Background

This project seeks to leverage restricted tourism funds to expand gathering space for events along the Brooks Promenade and in the adjacent plaza. Considerations during the design phase include potential alley widening to accommodate events, an expansion of the plaza area, and the option to construct public restrooms. The project may be constructed at the same time as a proposed renewal of the North Mirror Pond Lot to address traffic flow and safety issues along the Promenade.

Project Schedule & Status

On Schedule	Projected is on schedule
Status Update	Negotiations of scope and cost with top-ranked proposer are complete. The charter has been developed and is progressing the authorization process.

Financial Summary - Spending by Fund | Project Photo

Financial Summary - Spending by Fund		Project Photo
Accessibility Construction	--	
Transportation Construction	--	
Water	--	
Water Reclamation	--	
Stormwater	--	
General Obligation Bond	--	
Parking Fund	\$716	
Total Spent	\$716	
Total Project Cost Estimate	\$2,360,000	South Mirror Pond Parking Lot upon Completion – Previous Project



1RCAP Stormwater Capital Repair and Replacement Program

Fund: Stormwater	
Project Manager: Brittany Barker	Project Phase: Planning
Est. Start Date: July 2023	Est. End Date: Ongoing Project

Description & Background

The current CIP list from the 2014 Stormwater Master Plan is outdated. This program will provide flexibility to complete stormwater improvements annually through synergy opportunities. Upon completion of the Stormwater Master Plan Update Project (1RMP1), this program may evolve to address pipe replacement segments identified in the CIP.

Project Schedule & Status

On Schedule	This project is on schedule.
Status Update	Funds in the current fiscal year are for synergy opportunities only. Unforeseen stormwater needs are being identified on an on-going basis and synergized with other projects.

Financial Summary - Spending by Fund

Accessibility Construction	--
Transportation Construction	--
Water	--
Water Reclamation	--
Stormwater	--
General Obligation Bond	--
Other	--
Total Spent	\$0

Project Photo



Total Project Cost Estimate	\$2,800,000	Removal and replacement of storm drain
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1RFGU Franklin & Greenwood Underpass

Fund: Water & Stormwater	
Project Manager: Brittany Barker	Project Phase: Planning
Est. Start Date: January 2022	Est. End Date: December 2025

Description & Background

Construction of surface water swales to reduce the volume of water entering the underpass, larger capacity storm drains and a pump station to move water from the underpass to an off-site force main and an infiltration swale to retain and infiltrate stormwater. This project is being combined with 1TMTC Midtown Crossings and executed concurrently for synergy and efficiencies. A stormwater study will be completed for both the Greenwood and Franklin underpasses. The Franklin underpass is expected to be reconstructed with stormwater improvements incorporated. The Greenwood underpass will not have stormwater improvements included until full resolution is reached on Greenwood improvements.

Project Schedule & Status

On Schedule	This project is on schedule.
Status Update	The project team has selected a design and construction team and received contract approval from City Council on December 20, 2023. The project will be delivered with a progressive design build delivery method, which includes the designer and builder under one contract. Construction on Greenwood is expected to start in July-2024.

Financial Summary - Spending by Fund

Accessibility Construction	--
Transportation Construction	--
Water	--
Water Reclamation	--
Stormwater	\$145
General Obligation Bond	--
Other	--
Total Spent	\$145

Project Photo



Legend

- Add Bike Facilities
- Design and Construction
- Quick Build
- COOT Administered
- Neighborhood Greenways
- Not Built (Phase IV)
- Built
- Planned Low Stress Network
- Existing Paths/Trails
- Parks
- Deschutes River

Total Project Cost Estimate

\$7,582,000

Project location map



1RMP1 Stormwater Master Plan Update

Fund: Stormwater	
Project Manager: Austin Somhegyi	Project Phase: Planning
Est. Start Date: November 2023	Est. End Date: May 2025

Description & Background

The City of Bend plans to contract with a consultant team to provide professional services to prepare an update to the 2014 City of Bend Stormwater Master Plan. The updated master plan will provide direction for the City’s utility stormwater operations, maintenance, system upgrades and development; provide long-term stormwater management strategies necessary to remain compliant with regulatory requirements; create a basis for potential rate structure changes and serve the City of Bend’s stormwater needs over the next 20 years.

Project Schedule & Status

On Schedule	Otak was selected and provided a Notice of Intent to Award. Anticipated Council approval date is 1/17/2024. Proposed start of the Stormwater Master Plan is February 2024 with an anticipated duration of 18 months.
Status Update	The Request for Proposals was advertised, and three proposals were received on 9/12/2023. Otak was selected and provided a Notice of Intent to Award on 9/21/2023. Scoping and negotiations are complete, and the Council approval date is scheduled for 1/17/2024.

Financial Summary - Spending by Fund		Project Photo
Accessibility Construction	--	
Transportation Construction	--	
Water	--	
Water Reclamation	--	
Stormwater	\$634	
General Obligation Bond	--	
Other	--	
Total Spent	\$634	
Total Project Cost Estimate	\$500,000	Evaluating City-wide stormwater system



1RNPR Newport Corridor Improvements

Fund: Accessibility Construction, Transportation Construction, Water, Water Reclamation & Stormwater	
Project Manager: Brittany Barker	Project Phase: Completed
Est. Start Date: March 2019	Est. End Date: December 2023

Description & Background

The South Awbrey Butte Drainage Study identified the replacement of the Newport Avenue trunk line as the highest priority project in the drainage basin and prioritized fifteen associated projects that would directly benefit the trunk line project or mitigate flooding and/or improve water quality in the basin. This project will reconstruct the roadway from College Way to 9th St. to current standards, following the “complete streets” concept, as well as replace the water, sewer, and stormwater systems in this segment. In addition, this project will replace the storm and water systems down Nashville Ave from Ninth St. to the Deschutes River. The 15 drainage improvements as identified and prioritized in the Final Improvement Plan of the South Awbrey Butte Drainage Study have been separated from this project and are now under a separate CIP Project Number 1RSAB.

Project Schedule & Status

On Schedule	The corridor project was completed in May 2023, only one month behind the original schedule. An amendment was issued to construct the final phase of the project at the outfall to the Deschutes River. The work began in October and was completed on December 1, 2023.
Status Update	<p>The outfall improvement work was the final phase of the Newport project that included the connection of the new infrastructure at the end of Nashville Avenue to the River. This work included installation of new 30” storm pipe, generally following the alignment of the existing storm pipe to be removed along the south side of Nashville Ave, constructing a new outfall structure with boulders to create a more natural shoreline, and connecting into the second existing storm outlet pipe along the north side of Nashville Avenue. This work was completed on December 1, 2023.</p> <p>The Newport Corridor Improvements Project won the 2023 American Public Works Association (APWA) Project of the Year in the Transportation \$5-\$25M category as well as the American Council of Engineering Companies (ACEC) Grand Engineering Excellence Award.</p>

Financial Summary - Spending by Fund

Accessibility Construction	\$20,533
Transportation Construction	\$5,959,852
Water	\$4,598,119
Water Reclamation	\$4,371,515
Stormwater	\$11,727,843
General Obligation Bond	--
Other	--
Total Spent	\$26,677,862

Project Photo



Total Project Cost Estimate	\$30,615,600	Completed outfall improvements
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1Samm SW Sewer Basin Improvements

Fund: Water Reclamation	
Project Manager: Jason Suhr	Project Phase: Planning
Est. Start Date: March 2020	Est. End Date: May 2028

Description & Background

Gravity sewer line in SW Bend that provides additional capacity to the City’s existing infrastructure and new service to currently undeveloped or unserved areas including Bend’s UGB. Phase 1 included the upsize of 200 feet of existing pipe for additional capacity. Phase 2A included the installation of 1,700 feet of 18-inch diameter pipe, which will serve the entire SW Basin as well as accommodate Bend’s UGB areas in the south, and a new affordable housing development. Phase 2B included the installation of 2,200 feet of 15-inch diameter pipe that serves the SW Basin as well as alleviates deficiencies in the existing sewer system. Phases 3 and 4 are future phases, with a schedule to be determined a later date.

Project Schedule & Status

On Schedule	No change, Project is on schedule.
Status Update	Phases 1, 2A, and 2B are complete. Timing for future phases is to be determined, with funding for design services to commence in the 2024-25 Fiscal Year.

Financial Summary - Spending by Fund | Project Photo

Financial Summary - Spending by Fund		Project Photo
Accessibility Construction	--	
Transportation Construction	--	
Water	--	
Water Reclamation	\$5,148,651	
Stormwater	--	
General Obligation Bond	--	
Other	--	
Total Spent	\$5,148,651	
Total Project Cost Estimate	\$13,332,300	SW Sewer Basin Phase 2A



1SEMP SE Area Master Plan

Fund: Water Reclamation	
Project Manager: Alex Doza	Project Phase: Design
Est. Start Date: June 2023	Est. End Date: October 2025

Description & Background

The purpose of this project is to increase sanitary sewer system capacity, efficiency and serviceability within the City and the Southeast Area of the City’s UGB. The project will provide for future sewer service to properties within the SEAP and adjacent developments. Southeast Area Master Plan includes installing a regional pump station, force main, and gravity mains in the southeast expansion area known as "The Elbow".

Project Schedule & Status

Scheduled Revised	City-initiated schedule delay based on several factors including confirmation of final pump station siting and design flows and funding constraints based on initial project estimate included within Alternatives Analysis. Further, lead times for electrical equipment is approximately 18 months which impacts final completion date.
Status Update	<p>Council approved the Progressive Design-Build contract on June 7, 2023. The team is in the design phase (also called “Pre-Construction” phase for this contract), which includes designing to 100%, and preparation for the Guaranteed Maximum Price proposal(s). An Alternatives Analysis report and geotechnical exploration has been completed, while project design is ongoing. Early procurement and construction packages are proposed to initiate in spring/summer 2024.</p> <p>Project is projected to need additional funding and will require a budget adjustment at the mid-biennium 2023/2025 Capital Improvement Program update.</p>

Financial Summary - Spending by Fund

Accessibility Construction	--
Transportation Construction	--
Water	--
Water Reclamation	\$392,803
Stormwater	--
General Obligation Bond	--
Other	--
Total Spent	\$392,803

Project Photo



Total Project Cost Estimate	\$15,000,000	Southeast Expansion Area
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1SFPU WRF Facilities Plan Update

Fund: Water Reclamation	
Project Manager: Dade Pettinger	Project Phase: Planning
Est. Start Date: February 2024	Est. End Date: December 2025

Description & Background

Update the current facilities plan to reflect current operations and forecasted flow projections for the 2043 planning year at the Water Reclamation Facility (WRF). The current facilities plan was most recently completed in 2008 with a 2030 planning year horizon. Since that time, several factors which influence the operation of the WRF have changed including increased flow, increased waste loading, a major system expansion, revised biological treatment process, and discharge permit requirements. It is typical for facilities plans to be updated every 5 to 10 years depending on overall collection and treatment system dynamics. Project will coordinate with the Collection System Master Plan project to produce a single, 20-year, sewer CIP.

Project Schedule & Status

Scheduled Revised	Current plan is to advertise RFP for consulting services in Q1 of 2024.
Status Update	Project team presented public involvement plan for acceptance to the Stewardship Subcommittee in spring 2023. Efforts on-going to develop project charter and request for proposals (RFP). RFP advertisement is tentatively slated for February 2024.

Financial Summary - Spending by Fund		Project Photo
Accessibility Construction	--	
Transportation Construction	--	
Water	--	
Water Reclamation	\$440	
Stormwater	--	
General Obligation Bond	--	
Other	--	
Total Spent	\$440	
Total Project Cost Estimate	\$1,150,000	WRF – looking SW towards the City. Secondary clarifiers in foreground.



1SMP1 Collection System Master Plan Update


Fund: Water Reclamation	
Project Manager: Lisa Cameli	Project Phase: Planning
Est. Start Date: March 2021	Est. End Date: December 2025

Description & Background

Update the City's Collection System Master Plan to reflect current and future build-out conditions, population and employment forecasts and buildable and development types. Major project deliverables include a 20-year Capital Improvement Plan (CIP) and an updated Sewer Public Facilities Plan for the sewer fund, utilizing a 2043 planning year. The project will coordinate with the Water Reclamation Facility (WRF) Facility Plan Update project to produce a single, 20-year, sewer CIP.

Project Schedule & Status

On Schedule	Schedule may be impacted by ongoing contract negotiations.
Status Update	Project team selected Consor Engineering as the proposed Consultant for this work. City is currently in negotiations with Consor to finalize fees and scope of work. Anticipate issuance of an executed consultant contract by late February 2024. Calibrated hydraulic sewer model was delivered to City in winter 2022. Currently working with a 3rd party consultant to update land use projections to reflect most current data.

Financial Summary - Spending by Fund		Project Photo
Accessibility Construction	--	 CITY OF BEND ENGINEERING & INFRASTRUCTURE PLANNING
Transportation Construction	--	
Water	--	
Water Reclamation	\$24,451	
Stormwater	--	
General Obligation Bond	--	
Other	--	
Total Spent	\$24,451	
Total Project Cost Estimate	\$1,771,900	



1SN04 Pettigrew and Bayou Sewer Project

Fund: Water Reclamation	
Project Manager: Dade Pettinger	Project Phase: Completed
Est. Start Date: October 2021	Est. End Date: October 2023

Description & Background

The Pettigrew and Bayou Sewer Project is the fourth selection of the Septic to Sewer Conversion Program. The project includes construction of approximately 3,310 linear feet of gravity sewer mains and service laterals on Pettigrew Road between Gardenia Avenue and Juniperhaven Avenue; Bayou Drive between Pettigrew Road and Fargo Lane; and a small portion of Fargo Lane from Bayou Drive approximately 200 feet north. The sewer system will provide reliable sewer service to approximately 35 properties currently served by privately-owned onsite septic systems.

Project Schedule & Status

On Schedule	On schedule
Status Update	Construction of the Pettigrew & Bayou Sewer Project was accepted and completed in October 2023.

Financial Summary - Spending by Fund | Project Photo

Accessibility Construction	--
Transportation Construction	--
Water	--
Water Reclamation	\$1,622,978
Stormwater	--
General Obligation Bond	--
Other	--
Total Spent	\$1,622,978



Total Project Cost Estimate	\$2,650,900	Paving crews completing the final lift on Fargo Lane.
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1SN05 Pinehaven and Woodhaven Sewer Project

Fund: Water Reclamation	
Project Manager: Alex Doza	Project Phase: Design
Est. Start Date: October 2022	Est. End Date: June 2024

Description & Background

The Pinehaven and Woodhaven Sewer Project was one of two neighborhood extension program (NEP) projects selected in 2022 as part of the fifth selection within the Septic to Sewer Conversion Program. It includes the applications known as Pinehaven and Woodhaven East. The project includes construction of approximately 1,400 linear feet of sewer main and provides service laterals to 16 properties.

Project Schedule & Status

On Schedule	On schedule
Status Update	Design is complete and advertised for bid in December 2023. Council approval of the construction contract is anticipated in February 2024, with construction to start in spring 2024. Completion of the project is anticipated in June 2024.

Financial Summary - Spending by Fund | Project Photo

Financial Summary - Spending by Fund		Project Photo
Accessibility Construction	--	
Transportation Construction	--	
Water	--	
Water Reclamation	\$14,865	
Stormwater	--	
General Obligation Bond	--	
Other	--	
Total Spent	\$14,865	
Total Project Cost Estimate	\$1,000,000	Installation of a sewer manhole.



1SN06 Silver Sage Sewer Project

Fund: Water Reclamation	
Project Manager: Dade Pettinger	Project Phase: Design
Est. Start Date: October 2022	Est. End Date: November 2024

Description & Background

The Silver Sage Sewer Project is one of two neighborhood extension program (NEP) projects selected in 2022 as part of the fifth selection within the Septic to Sewer Conversion Program. It includes the applications known as Tapadera Drive and Benham South. The project includes construction of approximately 3,180 linear feet of sewer main and provides service laterals to 63 properties.

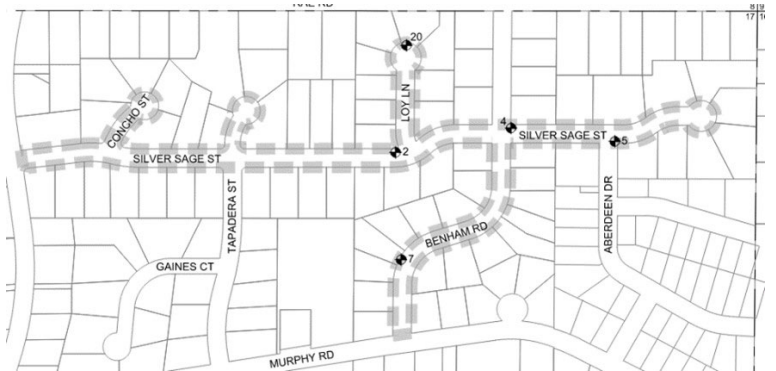
Project Schedule & Status

On Schedule	On schedule
Status Update	Design is complete and advertised for bid in December 2023. Council approval of the construction contract is anticipated in March 2024, with construction to start in spring 2024. Completion of the project is anticipated in October 2024.

Financial Summary - Spending by Fund

Accessibility Construction	--
Transportation Construction	--
Water	--
Water Reclamation	\$101,848
Stormwater	--
General Obligation Bond	--
Other	--
Total Spent	\$101,848

Project Photo



Total Project Cost Estimate	\$2,550,000	Project Extents of 100% Design
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1SN07 West View East - Newberry & Twin Lakes - Parkwood Sewer Project

Fund: Water Reclamation	
Project Manager: Jason Suhr	Project Phase: Design
Est. Start Date: August 2024	Est. End Date: December 2025

Description & Background

This neighborhood extension program (NEP) project was selected in 2023 as part of the sixth selection within the Septic to Sewer Conversion Program. It includes the applications known as West View East, Newberry & Twin Lakes, and Parkwood. The project includes construction of approximately 4,300 linear feet of sewer main and provides service laterals to 64 properties.

Project Schedule & Status

On Schedule	The current plan is to have the Parkwood area start and finish construction late 2024 pending design completion and DEQ review. The Twin Lakes and Westview areas will start construction in spring 2025 with a fall 2025 completion.
Status Update	Topographic survey contract has been executed. Design contract currently in scope negotiations.

Financial Summary - Spending by Fund | Project Photo

Accessibility Construction	--
Transportation Construction	--
Water	--
Water Reclamation	\$150
Stormwater	--
General Obligation Bond	--
Other	--
Total Spent	\$150



Total Project Cost Estimate	Parkwood Ct Selection area
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1SNEP Bend Sewer Neighborhood Extension Program

Fund: Water Reclamation	
Project Manager: Jason Suhr Teresa Findley	Project Phase: Planning
Est. Start Date:	Est. End Date:

Description & Background

Septic to Sewer Conversion Program allowing property owners to apply to City for construction of sewer mains and service laterals in their neighborhood. As projects are identified and selected, the funding from this program is transferred into those respective projects for implementation.

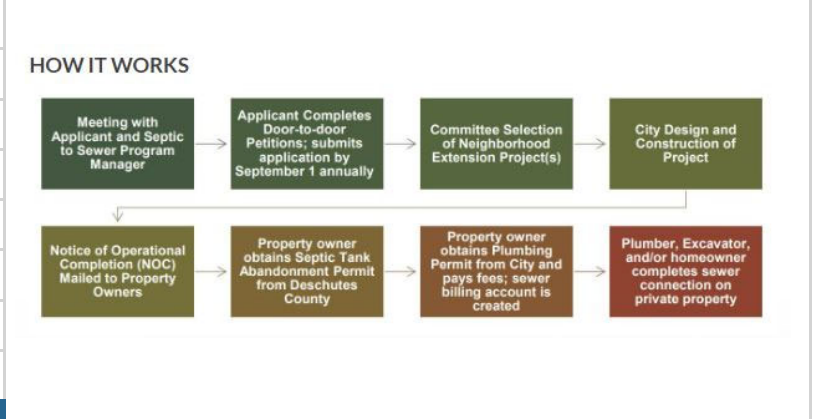
For more information please go to: bendoregon.gov/septicsewerprogram

Project Schedule & Status

On Schedule	Remains on schedule – dedicated funding mechanism for Septic to Sewer Conversion Program
Status Update	Current funded projects are 1SN04 (complete), 1SN05, 1SN06, and 1SN07 – See project pages. This is the funding mechanism for the projects and is allocated 3.5 million dollars annually. See the Water Reclamation 5 Year Capital Improvement Program

Financial Summary - Spending by Fund | Project Photo

Accessibility Construction	--
Transportation Construction	--
Water	--
Water Reclamation	--
Stormwater	--
General Obligation Bond	--
Other	--
Total Spent	\$0



Total Project Cost Estimate	\$16,767,100	General workflow for septic to sewer conversion projects.
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1SPCR WRF Primary Clarifier Rehabilitation

Fund: Water Reclamation	
Project Manager: Dade Pettinger	Project Phase: Construction
Est. Start Date: October 2022	Est. End Date: April 2025

Description & Background

The purpose of this project is to replace sludge collector mechanisms and associated equipment in Primary Clarifiers 1 & 2 that are nearing the end of their useful life. Additional work will include rehabilitation of select, deteriorated concrete surfaces. The replacement will both increase asset lifespan and provide a safer working environment.

Project Schedule & Status

On Schedule	On schedule
Status Update	Notice to proceed for construction services was issued in October 2023. The sludge collector mechanisms will take eight to nine months to procure. Actual onsite construction is expected to begin July 2024.

Financial Summary - Spending by Fund | Project Photo

Accessibility Construction	--
Transportation Construction	--
Water	--
Water Reclamation	\$106,971
Stormwater	--
General Obligation Bond	--
Other	--
Total Spent	\$106,971



Total Project Cost Estimate	\$4,016,300	Primary Clarifier #1 & #2
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1SPS1 Awbrey Glen and Westside Pump Station Improvements

Fund: Water Reclamation	
Project Manager: Lisa Cameli	Project Phase: Design
Est. Start Date: January 2022	Est. End Date: December 2025

Description & Background

The Awbrey Glen and Westside Pump Station Improvements Project includes electrical, instrumentation, mechanical, and controls upgrades at both the Awbrey Glen and Westside Pump Stations. Site circulation and safety will also be improved with this project. Improvements will address important safety, operational, and maintenance issues at these aging pump stations.

Project Schedule & Status

Baseline Schedule Adjustment	Due to permitting and long lead equipment procurement timelines, the estimated substantial completion date has been updated to December 2025.
Status Update	Revised 90% design document (which includes Permitted set) submitted to City in October 2023 for both pump station sites. Permit approval for both sites is complete. 100% design set is due from Consultant at end of January 2024. Target date for NTP for construction is early June 2024.

Financial Summary - Spending by Fund | Project Photo

Financial Summary - Spending by Fund		Project Photo
Accessibility Construction	--	
Transportation Construction	--	
Water	--	
Water Reclamation	\$761,072	
Stormwater	--	
General Obligation Bond	--	
Other	--	
Total Spent	\$761,072	
Total Project Cost Estimate	\$5,491,100	Awbrey Glen Pump Station



1SPSD Pump Station Decommission Program

Fund: Accessibility Construction & Water Reclamation	
Project Manager: Alex Doza	Project Phase: Completed
Est. Start Date: March 2017	Est. End Date: September 2023

Description & Background

Decommissioning of several sewer pump stations became viable when the Southeast Interceptor (SEI) was completed and commissioned for service. General scope required to decommission a pump station includes construction of a gravity collection sewer pipe that conveys flows from the pump station site to the SEI. Salvage of pump components and removal of above ground facilities completes the decommission.


Phase I and II: Quail Ridge I and II, Crown Villa I and II, Stone Haven, Forum, and Darnel

Phase III: Tri-peaks, Shire, & Desert Skies

Phase IV: Camden and Ridge Water II

Project Schedule & Status

On Schedule	Project is completed
Status Update	Construction and closeout are complete for Phase I - IV. Phase IV construction contract was executed in September 2022. Construction began in January 2023 and completed on schedule in September 2023.

Financial Summary - Spending by Fund		Project Photo
Accessibility Construction	\$10,799	
Transportation Construction	--	
Water	--	
Water Reclamation	\$9,201,679	
Stormwater	--	
General Obligation Bond	--	
Other	--	
Total Spent	\$9,212,478	
Total Project Cost Estimate	\$10,133,500	Camden Pump Station that was decommissioned during construction of Phase IV.



1SRRR Water Reclamation Capital Repair and Replacement Projects

Fund: Water Reclamation	
Project Manager: Jason Suhr	Project Phase: Planning
Est. Start Date:	Est. End Date: Ongoing Project

Description & Background

Annual program funding for synergy opportunities with other projects not yet defined or budgeted to address sewer system deficiencies or system expansion. Program funding additionally allows for the creation of rehabilitation projects to address the aging collection system.

Project Schedule & Status

On Schedule	Program is not yet active but in planning phases internally
Status Update	Program is to provide funding for internal planning, coordination, and synergy opportunities.

Financial Summary - Spending by Fund

Project Photo

Accessibility Construction	--
Transportation Construction	--
Water	--
Water Reclamation	--
Stormwater	--
General Obligation Bond	--
Other	--
Total Spent	\$0
Total Project Cost Estimate	\$11,000,000





1TABB Archie Briggs Bridge

Fund: Transportation Construction	
Project Manager: Janet Hruby	Project Phase: Design
Est. Start Date: July 2023	Est. End Date: June 2027

Description & Background

This project combines the replacement for two adjacent bridges (#17C05 and #17C040). The existing bridges were installed in 1973 using non-standard construction with rail cars of unknown age. The bridges are load restricted which limits heavy loads of some service vehicles, including larger emergency vehicles. Also, there is no sidewalk or bike lanes, and the low guardrails are shorter than required for walking and biking. The bridge conditions have been deteriorating over the past two inspections to the current poor sufficiency ratings below 30. (Bridge ratings of 60 – 100 are considered fair to good.) The bridges need to be replaced and the city was able to obtain a grant for design and construction of a new bridge (or bridges).

This bridge replacement project includes a new bridge (or bridges) that can support projected traffic volumes, heavy vehicles, a sidewalk, bike lanes, utility relocations, (including City water and sewer) and a shared use path on one side of the street from the Deschutes River trail to Caddis Fly Way.

Project Schedule & Status

Baseline Schedule Adjustment	Design phase delayed due to extended ODOT contracting.
Status Update	Contracting negotiations extended and still ongoing. Design estimated to start Q1 2024. Future Budget Adjustments will come forward for the water and water reclamation funds.

Financial Summary - Spending by Fund | Project Photo

Financial Summary - Spending by Fund		Project Photo
Accessibility Construction	--	
Transportation Construction	--	
Water	--	
Water Reclamation	--	
Stormwater	--	
General Obligation Bond	--	
Other	--	
Total Spent	\$0	



Total Project Cost Estimate	\$2,000,000	Overview of Archie Briggs Bridge
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1TBKE Bend Bikeway Project

Fund: Accessibility Construction, Transportation Construction & General Obligation Bond	
Project Manager: Kevin Howard	Project Phase: Design
Est. Start Date: August 2023	Est. End Date: June 2025

Description & Background

The Bend Bikeway project was developed in 2023 to help reach the City Council’s goal of constructing continuous North-South and East-West key walking and bicycling routes by June of 2025. This project will identify, select, design and construct bike and pedestrian improvements that are continuous, easy to navigate and as separated from traffic as feasible along the routes selected.

Pedestrian and biking improvements on the crosstown routes are funded by project 1TBKE on the Transportation Construction Fund. Project 1ADEA on the Accessibility Construction fund will contribute accessibility improvements along the crosstown routes. Additionally, a shared used path will be constructed adjacent to Ninth Street between Reed Market Road and Wilson Avenue, funded by project 1TBKE on the 2020 General Obligation Bond Construction Fund.

Project Schedule & Status

On Schedule	Analysis and design began in fall of 2023. Public outreach program to kickoff early 2024. The goal is to complete designs by the end of 2024 and construction by June of 2025.
Status Update	Staff have begun the design of the Bend Bikeway project with close coordination between associated GO Bond and Transportation Projects. *As project progresses anticipation of a budget adjustment based on scope – reflected in future quarterly report* Project is projected to need additional funding and will require a budget adjustment at the mid-biennium 2023/2025 Capital Improvement Program update.

Financial Summary - Spending by Fund | Project Photo

Accessibility Construction	\$5,246
Transportation Construction	\$26,588
Water	--
Water Reclamation	--
Stormwater	--
General Obligation Bond	\$8,323
Other	--
Total Spent	\$40,157



Total Project Cost Estimate	\$4,173,300	Bike and Pedestrian Safety Improvements on a Neighborhood Greenway
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1TBKP Bicycle Program

Fund: Transportation Construction	
Project Manager: Janet Hruby	Project Phase: Planning
Est. Start Date: January 2023	Est. End Date: Ongoing Project

Description & Background

Project P-4 identified in the Transportation System Plan. This is a comprehensive program to facilitate bicycle travel within the City. Program would include implementation and updates to the bicycle Low Stress Network Plan. This includes implementing the bicycle Low Stress Network, Neighborhood Greenways, wayfinding, crossings, and traffic calming.

Project Schedule & Status

On Schedule	Wayfinding phase 1 adjusted to 2023 to 2024 to align with Crosstown Bikeways routes, project completion on track for 2024. Quick build project estimated November 2024 thru June 2025
Status Update	Wayfinding project selected sign and reviewing program report and sign placement plan. Quick Build kick off scheduled for November 2023, evaluating options to include quick build spurs to Bikeways Q1 - Q3

Financial Summary - Spending by Fund | Project Photo

Accessibility Construction	--
Transportation Construction	\$79,712
Water	--
Water Reclamation	--
Stormwater	--
General Obligation Bond	--
Other	--
Total Spent	\$79,712
Total Project Cost Estimate	\$700,000



CITY OF BEND
ENGINEERING &
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1TBMW Butler Mkt \ Wells Acres

Fund: Transportation Construction	
Project Manager: Matthew Jaroslowski	Project Phase: Design
Est. Start Date: October 2024	Est. End Date: October 2025

Description & Background

1TBMW is a synergy project funded by the transportation fund, water reclamation fund, and 2020 GO Bond. The scope of the project includes Intersection improvements on Butler Market Rd and Wells Acres Rd, a single lane roundabout will be constructed through the intersection and a 36" Interceptor will be installed beneath the Roundabout to facilitate the future sewer interceptor improvements beneath Butler Market Rd. As part of the north south key pedestrian and bicyclist route, the Butler Market Road corridor will receive pedestrian and bicyclist improvements to bring the Level of traffic stress to a level 1 or 2.

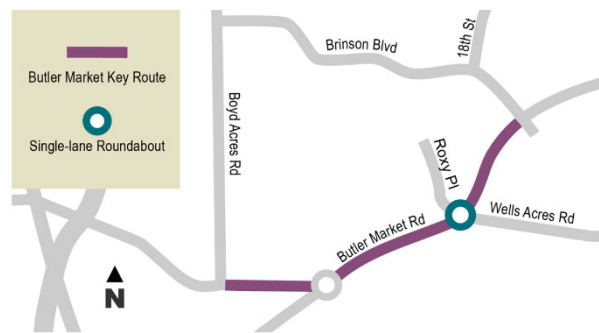
Project Schedule & Status

On Schedule	Alternatives analysis for the Key Routes: Complete Design of Key Routes and Roundabout: October 2024 PSE and Bidding Documents ready for Solicitation: October 2024 Begin Construction: January 2025 Complete construction: October 2025
Status Update	Alternatives analysis for the Key Routes has been completed and approved to move forward by the Community Building Subcommittee and the Key Routes Design will continue. The roundabout has been completed through 60% plans and will be combined with the 60% key routes plan review in an effort to take both phases of the project to bid simultaneously for a single Construction solicitation. Expectation is to have bidding documents ready for Procurement by the end of the third quarter in 2024 and construction completed by the end of third quarter 2025. Project is projected to need additional funding and will require a budget adjustment at the mid-biennium 2023/2025 Capital Improvement Program update.

Financial Summary - Spending by Fund

Accessibility Construction	--
Transportation Construction	\$545,830
Water	--
Water Reclamation	--
Stormwater	--
General Obligation Bond	--
Other	--
Total Spent	\$545,830

Project Photo



Total Project Cost Estimate **\$6,445,300**

Project Location Map



1TCSI Citywide Safety Improvements Project

Fund: Transportation Construction & Stormwater	
Project Manager: Matthew Jaroslowski	Project Phase: Completed
Est. Start Date: February 2018	Est. End Date: December 2023


Description & Background

With the help of the community and a prior safety study, the city has identified multiple locations across the city where there have been a high number of crashes. Several treatments are proposed to make these locations safer for people walking, riding bicycles and driving. This project will further develop the design of these treatments and construct them with additional community input. Survey, design, traffic analysis, public involvement and construction of safety improvements at the following locations: Third & Hawthorne, Third & Franklin, Third & COID Canal, Third & Pinebrook, Third & Roosevelt, Colorado Interchange, Neff & Williamson, 27th & Conners, and Brosterhous Road railroad underpass.

Project Schedule & Status

On Schedule	Projects are complete
Status Update	Project is complete 3rd note was issued 12/23

Financial Summary - Spending by Fund | Project Photo

Financial Summary - Spending by Fund		Project Photo
Accessibility Construction	--	
Transportation Construction	\$1,378,887	
Water	--	
Water Reclamation	--	
Stormwater	\$9,719	
General Obligation Bond	--	
Other	--	
Total Spent	\$1,388,606	
Total Project Cost Estimate	\$2,107,800	Third street safety island and crosswalk flashing beacon (photo credit: Craig Powell Photography)



1TNPS Neff & Purcell Intersection & 1GPUR Purcell Extension Project

Fund: Transportation Construction, Water, Water Reclamation, Stormwater & General Obligation Bond	
Project Manager: Drew Wells	Project Phase: Construction
Est. Start Date: August 2018	Est. End Date: January 2024

Description & Background

The Neff and Purcell Intersection improvement project includes work to replace an aging signal, new sidewalks where gaps currently exist on Neff Road between Eastwood Drive and Purcell Boulevard, and sewer and stormwater improvements that are highly interrelated to the work at the intersection. Improvements to the existing intersection of Neff and Purcell for all modes of transportation as well as to the pedestrian infrastructure to the west of the signal. An alternatives analysis, backed by City Council review, have determined that a signal is the preferred alternative at this intersection.

The Purcell Extension includes a two-lane roadway extension from Purcell Boulevard’s current terminus north of the St. Charles Hospital to Courtney Drive. This project also includes work to construct sidewalks where gaps currently exist from Full Moon Drive to the beginning of the Purcell Extension, and striping for bike lanes from Full Moon Drive to Neff Road. The Purcell extension project is the GO Bond related work under the Neff and Purcell Intersection project. This project appears on the 2020 GO Bond CIP as 1GPUR Purcell Boulevard Extension.

Project Schedule & Status

Scheduled Revised	The project completion date for both the Intersection and Extension has been delayed primarily due to extensive, required franchise utility relocations. This has delayed the City’s contractor from starting the contracted work on the timeline as originally contemplated. The Intersection achieved substantial completion 12/28/23, with landscaping and punchwork items remaining. The Purcell Extension is anticipated to be completed and opened by mid to late-January 2024.
Status Update	All work on the Intersection project is completed with the exception of landscaping, sidewalk/shared-use-path pedestrian and bike symbols, and miscellaneous cleanup/punch-list items. Sidewalk and driveway work remains to be completed on the Purcell Extension project, as well as minor remaining landscaping and cleanup work prior to opening the road to traffic.

Financial Summary - Spending by Fund		Project Photo
Accessibility Construction	--	
Transportation Construction	\$5,338,340	
Water	\$477,001	
Water Reclamation	\$833,110	
Stormwater	\$653,452	
General Obligation Bond	\$2,137,476	
Other	--	
Total Spent	\$9,439,379	
Total Project Cost Estimate	\$10,605,500	FY2024 Q2- 1TNPS



1TRVF Riverfront Improvements

Fund:	
Project Manager: Brad Tower	Project Phase: Design
Est. Start Date: February 2024	Est. End Date: October 2025

Description & Background

The City of Bend is partnering with the Bend Parks and Recreation District to build out a missing connection of the Deschutes River Trail from Galveston Avenue to Millers Landing Park along NW Riverfront Street.

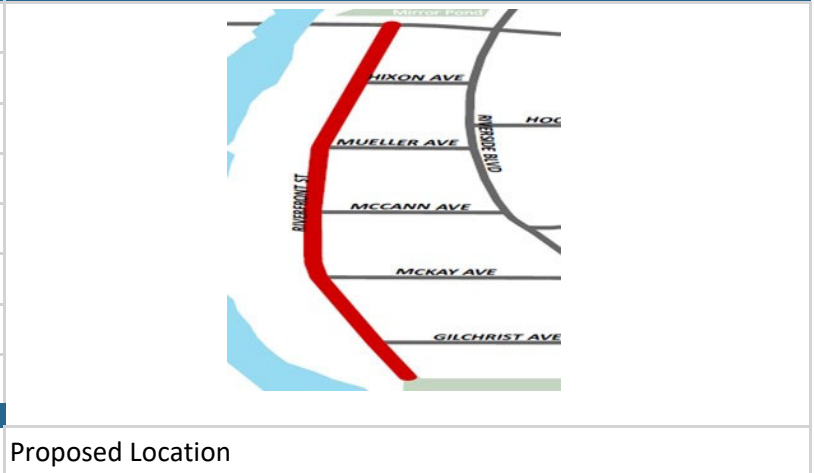
Project Schedule & Status

On Schedule	Design is to be completed by Fall 2025, and construction may start as early as spring 2026, pending future funding.
Status Update	Project staff is scheduled to present a design contract to Council during the January 17th meeting.

Financial Summary - Spending by Fund

Accessibility Construction	--
Transportation Construction	--
Water	--
Water Reclamation	--
Stormwater	--
General Obligation Bond	--
Other	--
Total Spent	\$0
Total Project Cost Estimate	\$1,028,600

Project Photo



Proposed Location



1WABD Awbrey Butte Distribution Improvements

Fund: Accessibility Construction, Water & Stormwater	
Project Manager: Austin Somhegyi	Project Phase: Construction
Est. Start Date: October 2021	Est. End Date: June 2025

Description & Background

In 2021, the City of Bend adopted the Integrated Water System Master Plan (iWSMP), which evaluated the City of Bend’s current water distribution system capacity and the ability to serve projected demands for the next 20 years. The iWSMP identified the Awbrey Butte Distribution Improvements project (“Project”), which is made up of nine sub-projects to replace or install over 4 miles of water pipelines. This Project may also include some synergy opportunities for stormwater, sewer, street preservation, sidewalk infill, and other utility improvements in the vicinity of the project area.

Project Schedule & Status

On Schedule	This project is on schedule.
Status Update	<p>Construction for Phase 1 of the Project began on June 1, 2023, along Awbrey Road and is scheduled to go through March 2024. Phase 1 Subproject #1, which includes improvements to Awbrey Road, Vicksburg Ave, Utica Ave, and NW Second St, is complete. Phase 1 Subprojects #4 & #5 began November 1, and are anticipated to be complete Spring 2024. Design for Phase 2 is nearing completion, with final conformed plans anticipated February 2024, with early release packages to facilitate near-term work. A contract amendment for Phase 2 was approved by City Council on December 20. Phase 2 construction is anticipated to start January 16, 2024 with anticipated completion in Spring 2025. Design for Phase 3 (Awbrey Reservoir Site Improvements) continues with a tentative Council date for contract approval in Spring 2024.</p> <p>Project is projected to need additional funding and will require a budget adjustment at the mid-biennium 2023/2025 Capital Improvement Program update.</p>

Financial Summary - Spending by Fund		Project Photo
Accessibility Construction	\$8,431	
Transportation Construction	--	
Water	\$10,470,506	
Water Reclamation	--	
Stormwater	\$223,424	
General Obligation Bond	--	
Other	--	
Total Spent	\$10,702,361	
Total Project Cost Estimate	\$31,122,900	Installation of new 24" water main in NW 9th Street.



1WFRB Firerock Bridge

Fund: Water	
Project Manager: Jason Suhr	Project Phase: Design
Est. Start Date: June 2023	Est. End Date: November 2024

Description & Background

The Firerock Footbridge is a pedestrian bridge that spans the Deschutes River approximately 1,400-lineal feet downstream of the Archie Briggs vehicular bridge. The bridge connects privately-owned land in the Rimrock West neighborhood on the west side of the river and a publicly owned parcel in the Rimrock Village Subdivision on the east side of the river. The project will remove the non-compliant, structurally deficient, derelict bridge and associated staircase on the east side of the river.

Project Schedule & Status

On Schedule	Construction is anticipated for summer 2024 in conjunction with the in-water work window.
Status Update	Project team drafting and submitting various permit applications for review and approval.

Financial Summary - Spending by Fund

Accessibility Construction	--
Transportation Construction	--
Water	\$94,957
Water Reclamation	--
Stormwater	--
General Obligation Bond	--
Other	--
Total Spent	\$94,957

Project Photo



Total Project Cost Estimate

\$550,000

Firerock Bridge Crossing



1WFRR Water Capital Repair and Replacement Program

Fund: Water	
Project Manager: Ivan Sinkus	Project Phase: Planning
Est. Start Date: July 2023	Est. End Date: Ongoing Project

Description & Background

In 2021, the City of Bend adopted the Integrated Water System Master Plan (iWSMP), which evaluates the ability of the City's water distribution system to meet level of service standards under both current and future demand conditions. The iWSMP identified a need to address deteriorating water distribution pipe infrastructure through a Repair and Replacement Program to mitigate main breaks and leaks. There is limited funding available for waterline replacement synergy opportunities through the end of FY 2024 while prioritization software and an implementation strategy are being evaluated. Beginning in FY 2025, the City will launch a \$2.5 million annual program to replace the prioritized pipe segments and increase the level of service of the system. \$500,000 of the budget annually will remain for synergy opportunities not yet defined or budgeted. This program will continue until the existing identified pipe segments have been replaced. The City's current replacement rate is 1 mile per year, but with the start of this program, the City will look to double this rate while prioritizing replacement decisions based on objective data.

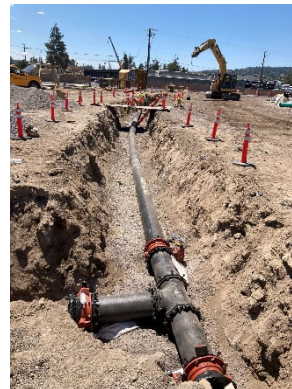
Project Schedule & Status

On Schedule	This project is on schedule.
Status Update	<p>The project team is in the process of exploring data collection, verifying data accuracy, and the development of a water project prioritization tool for an upcoming annual program to kick off in FY 25. Based on available GIS data, as-built drawings, and general department knowledge, the prioritization tool identifies repair and replacement project viability using a number of factors categorized as either "consequence of failure" or "likelihood of failure" variables. The project team is in the process of updating the City's water model to further refine project priorities identified by the tool. During this process, unforeseen water needs are being identified on an ongoing basis.</p> <p>The Simpson waterline project has been identified by EIPD and the Utility department as a project to receive funding from this program. \$250,000 has been transferred to that project and will be managed by the Utility department.</p>

Financial Summary - Spending by Fund

Project Photo

Accessibility Construction	--
Transportation Construction	--
Water	--
Water Reclamation	--
Stormwater	--
General Obligation Bond	--
Other	--
Total Spent	\$0



Total Project Cost Estimate	\$15,656,400	Removal and replacement of waterline.
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1WHCD In-Conduit Hydropower Feasibility Study

Fund: Water	
Project Manager: Austin Somhegyi	Project Phase: Study
Est. Start Date: February 2023	Est. End Date: April 2024

Description & Background

The purpose of the study is to develop feasibility concepts for in-conduit hydropower opportunities available in the City of Bend municipal water system. In October 2021, the City of Bend adopted the Integrated Water System Master Plan (iWSMP), which outlined several potential future projects to the City’s municipal water system. These projects include improvements to the Outback Facility, such as pretreatment. The iWSMP also discussed possible implementation of in-conduit hydropower generation that would work in conjunction with pretreatment at the Outback Facility.

The Feasibility Assessment activities are inputs into the development of one or more potential in-conduit hydropower projects in association with the Outback Facility Expansion and throughout the City of Bend water system. Upon completion of the study, it will be shared with City Council to determine if one or more in-conduit hydropower projects should proceed into design and construction.

Project Schedule & Status

On Schedule	The In-Conduit Feasibility Study is on schedule to be finalized by early 2024.
Status Update	Final comments have been incorporated and final editing of the report is under way. The City Council work session is planned for early February to discuss the feasibility study findings.

Financial Summary - Spending by Fund

Accessibility Construction	--
Transportation Construction	--
Water	\$217,489
Water Reclamation	--
Stormwater	--
General Obligation Bond	--
Other	--
Total Spent	\$217,489

Project Photo



Bend In-conduit Hydropower Feasibility Study Report

City of Bend, Oregon
City Project No. 1WHCD

Jacobs



Total Project Cost Estimate **\$250,000**

Pictured is the current water dissipation structure where excess water pressure is currently being removed from the system with no energy recovery.



AP22B Air Traffic Control Tower – Siting & Design

Fund: Other	
Project Manager: Tracy Williams Matthew Jaroslowski	Project Phase: Design
Est. Start Date: July 2023	Est. End Date: December 2025


Description & Background

Project will design an Air Traffic Control Tower (ATCT) at the Bend Municipal Airport (BDN) to satisfy the objectives provided by the FAA’s Federal Contract Tower (FCT) Program. The ATCT at BDN is identified as the most important project to improve safety, reduce air traffic congestion, address neighbor noise concerns, and increase operational efficiency. Project includes supplemental weather station. The ATCT has been identified by FAA Air Traffic Control staff as a critical need for Central Oregon air traffic.

The current 2023-2025 biennial budget proposal only includes design of the ACTC. The City is actively seeking additional grant funding for construction of the tower. If additional grant funds are secured, the budget will be adjusted accordingly.

Project Schedule & Status

On Schedule	Design to be completed February 2024, Receive construction bids and council approval April 2024 Begin construction summer 2024 dependent on Federal Funding Construction complete October 2025
Status Update	Project is moving along with the EA final Approval by the FAA and the issuance of the Finding of No Significant Impact (FONSI) statement, City staff and FAA approved consultant Morrison Maierle to perform AE services, Design is moving forward according to schedule. 30% design plans were submitted to COB and FAA for review on 12/12/23.

Financial Summary - Spending by Fund		Project Photo
Accessibility Construction	--	 CITY OF BEND ENGINEERING & INFRASTRUCTURE PLANNING
Transportation Construction	--	
Water	--	
Water Reclamation	--	
Stormwater	--	
General Obligation Bond	--	
Other	\$601,731	
Total Spent	\$601,731	
Total Project Cost Estimate	\$1,900,600	



Public Works Campus

Fund: Other	
Project Manager: Jo Wells	Project Phase: Construction
Est. Start Date: January 2022	Est. End Date: December 2025

Description & Background

Combine Engineering and Infrastructure Planning, Facilities, Fleet, Transportation and Mobility and Utilities into a new Public Works Campus at Juniper Ridge. The new site shall maximize efficiencies of similar facility functions and improve operations to better serve the City of Bend’s growing community. It should be built to serve the current needs and allow for future growth and flexibility.

Long term debt will be issued to fund the project. Annual debt service payments will be funded through interfund transfers from the departments located at the new campus.

Project Schedule & Status

On Schedule	The project is on schedule with anticipated move in by the end of 2025.
Status Update	The Public Works Campus in continuing its design and has started construction. The first two GMPs were approved by Council in June and September 2023. The final GMP is expected in Spring 2024. Other smaller contract scopes will be before council in the coming months.

Financial Summary - Spending by Fund		Project Photo
Accessibility Construction	--	
Transportation Construction	--	
Water	--	
Water Reclamation	--	
Stormwater	--	
General Obligation Bond	--	
Other	\$13,424,253	
Total Spent	\$13,424,253	
Total Project Cost Estimate	\$33,320,000	Rendering of Entry