



Quarterly Project Status Report

Fiscal Year 2024 Quarter 4*

*Projects are looking back into Quarter 4 of Fiscal Year 2024 (April 2024 through June 2024). Project cost estimates have been updated with the citywide mid-biennium budget adjustments and are effective July 1st, 2024. The new estimates will be represented in the Quarter 1 report of Fiscal Year 2025.

Visit our Quarterly Report dashboard here:

<https://www.bendoregon.gov/government/departments/engineering/monthly-reports>

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CITY OF BEND
ENGINEERING & INFRASTRUCTURE PLANNING



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	The consultant team has met with many internal stakeholders to discuss the project scope and will be meeting with neighboring businesses and property owners through the month of June to discuss the scope. The Project Team is targeting the 2nd of July Council meeting to share concepts.

Financial Summary - Spending by Fund Project Photo

Accessibility Construction	--
Transportation Construction	--
Water	--
Water Reclamation	--
Stormwater	--
General Obligation Bond	--
Parking Fund	\$37,791
Total Spent	\$37,791



Total Project Cost Estimate	\$2,360,000	South Mirror Pond Parking Lot upon Completion – Previous Project
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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The current CIP list from the 2014 Stormwater Master Plan is outdated.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 Project Photo

Accessibility Construction	--	
Transportation Construction	--	
Water	--	
Water Reclamation	--	
Stormwater	--	
General Obligation Bond	--	
Other	--	
Total Spent	--	
Total Project Cost Estimate	\$2,800,000	Removal and replacement of storm drain



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 1TMTTC Midtown Crossings project 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 kicked off the planning and design phases of the project. There was an Open House on June 18, 2024, and an Online Open House option throughout the month of June 2024. The stormwater study for both Greenwood and Franklin is progressing as originally planned and a draft report is anticipated in July. Construction on Franklin is expected to start in fall/winter 2025.

Financial Summary - Spending by Fund

Accessibility Construction	--
Transportation	--
Water	\$28,263
Water Reclamation	--
Stormwater	\$45,559
General Obligation Bond	--
Other	--
Total Spent	\$73,822

Project Photo



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: January 2024	Est. End Date: July 2025

Description & Background

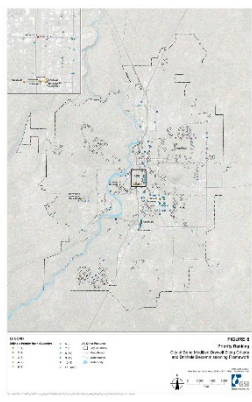
The City of Bend brought consultant OTAK under contract in January 2024, to provide professional services to prepare an update to the 2014 City of Bend Stormwater Master Plan. The updated master plan will provide direction for the City’s utility stormwater operations, maintenance, system upgrades and 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	The contract with Otak was executed in January 2024 and the Stormwater Master Plan process was initiated in late January 2024. The anticipated duration of the master planning process is anticipated to take place over 18 months.
Status Update	The master planning process is under way, and an initial data collection workshop was held in March 2024. A follow up workshop and site visits were conducted in April 2024. The project team also met with the Utilities Public Advisory Group during their May meeting for feedback on stormwater issues from the development and design community. The data collection and known issues review is nearing completion, and draft reports of the Communications Plan and Modified Drywell Siting Criteria and Drillhole Decommissioning Framework white paper have been submitted. Upcoming draft reports include Outfall Retrofit Study, Hydrological Assessment, and Key Messaging plan. The Climate Change Assessment is anticipated to begin early July 2024.

Financial Summary - Spending by Fund Project Photo

Accessibility Construction	--
Transportation Construction	--
Water	--
Water Reclamation	--
Stormwater	\$92,127
General Obligation Bond	--
Other	--
Total Spent	\$92,127



Total Project Cost Estimate	\$500,000	Evaluating City-wide stormwater system
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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

On Schedule	Project is currently at the 90% design stage, while targeting commencing construction in July 2024. This will kick-off construction activities for the duration of the project, which is targeting a winter 2025 operational completion.
Status Update	<p>The project 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. Design completed the 90% review and is approaching the 100% milestone. Early procurement for long lead materials has been initiated, with an early work amendment scheduled to go to council June 20, 2024. The final construction package is proposed to be presented to Council in September 2024.</p> <p>Project will require additional funding and has been adjusted at the 2023/2025 Citywide mid-biennium budget adjustments. New project totals will be reflected in Q1 of FY 2025.</p>

Financial Summary - Spending by Fund

Project Photo

Accessibility Construction	--
Transportation Construction	--
Water	--
Water Reclamation	\$1,538,554
Stormwater	--
General Obligation Bond	--
Other	--
Total Spent	\$1,538,554



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

On Schedule	Request for Proposals were advertised June 12, 2024. Proposals are due July 12, 2024. Project team is anticipating taking engineering services contract to City Council for approval on October 2, 2024.
Status Update	Project team presented public involvement plan for acceptance to the Stewardship Subcommittee in spring 2023. RFP for engineering services; and project charter have been completed.

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.
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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

Scheduled Revised	City terminated contract negotiations with first ranked consultant and is re-negotiating terms with 2nd highest ranked team. Schedule delayed by up to 4 months.
Status Update	City terminated contract negotiations with first ranked consultant and is re-negotiating terms with 2nd highest ranked team, with a goal of presenting for City Council on July 17th. Schedule delayed by up to 4 months. Calibrated hydraulic sewer model was delivered to City in winter 2022.

Financial Summary - Spending by Fund Project Photo

Accessibility Construction	--
Transportation Construction	--
Water	--
Water Reclamation	\$27,861
Stormwater	--
General Obligation Bond	--
Other	--
Total Spent	\$27,861
Total Project Cost Estimate	\$1,771,900



CITY OF BEND
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1SN05 Pinehaven and Woodhaven Sewer Project

Fund: Water Reclamation	
Project Manager: Carter Lawrence	Project Phase: Construction
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 / Project Close Out
Status Update	Substantial completion of the project was issued on June 17th and has entered the final phase of closeout, including site remediation activities, which are anticipated to conclude by July 1, 2024.

Financial Summary - Spending by Fund Project Photo

Accessibility Construction	--
Transportation Construction	--
Water	--
Water Reclamation	\$766,317
Stormwater	--
General Obligation Bond	--
Other	--
Total Spent	\$766,317



Total Project Cost Estimate	\$1,000,000	Installation of a sewer manhole.
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1SN06 Silver Sage Sewer Project

Fund: Water Reclamation & Stormwater	
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	Construction officially started in early April 2024. Completion of the project is anticipated in October 2024.

Financial Summary - Spending by Fund Project Photo

Accessibility Construction	--
Transportation Construction	--
Water	--
Water Reclamation	\$194,288
Stormwater	\$1,374
General Obligation Bond	--
Other	--
Total Spent	\$195,662



Total Project Cost Estimate	\$2,550,000	Sewer pipe delivery to project site.
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1SN07 West View East - Newberry & Twin Lakes - Parkwood Sewer Project

Fund: Water Reclamation	
Project Manager: Drew Wells Carter Lawrence	Project Phase: Design
Est. Start Date: January 2024	Est. End Date: October 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	Design for the project is complete. Construction is anticipated to begin early spring 2025 following advertisement and award of a contract for construction of the project. Construction is anticipated to be completed in fall 2025.
Status Update	Design for the project is at complete, tentative DEQ's review/approval of the final design. Coordinating with franchise utilities to address conflicts and develop relocation plans is ongoing. Advertisement for construction of the project is anticipated in the Fall of 2024 with award of a contract and subsequently beginning physical construction anticipated in early Spring 2025.

Financial Summary - Spending by Fund Project Photo

Accessibility Construction	--
Transportation Construction	--
Water	--
Water Reclamation	\$58,545
Stormwater	--
General Obligation Bond	--
Other	--
Total Spent	\$58,545



Total Project Cost Estimate	\$4,250,000	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	\$542	
Stormwater	--	
General Obligation Bond	--	
Other	--	
Total Spent	\$542	

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 October 2024.

Financial Summary - Spending by Fund Project Photo

Accessibility Construction	--
Transportation Construction	--
Water	--
Water Reclamation	\$301,214
Stormwater	--
General Obligation Bond	--
Other	--
Total Spent	\$301,214



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: March 2026

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. Several additional work items have been included in the scoping to accommodate shortening of the WS force main and increased serviceability of the FM.

Project Schedule & Status

On Schedule	Due to permitting and long lead equipment procurement timelines, the estimated substantial completion date has been updated to March 2026. City has added scope to Westside PS portion to include the addition of a pig launcher and valving on existing discharge forcemain.
Status Update	Revision of Revised 100% design document (which includes Permitted set) submitted to City in May 2024 for both pump station sites. Site Improvement Permits have been applied for and are pending completion. Target date for NTP for construction is early November 2024. Looking to pre-purchase materials due to long lead times for ROW work and by-pass operations.

Financial Summary - Spending by Fund Project Photo

Accessibility Construction	--
Transportation Construction	--
Water	--
Water Reclamation	\$893,374
Stormwater	--
General Obligation Bond	--
Other	--
Total Spent	\$893,374



Total Project Cost Estimate	\$5,491,100	Awbrey Glen Pump Station
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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 in planning phase.
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	\$7,238
Stormwater	--
General Obligation Bond	--
Other	--
Total Spent	\$7,238
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. ODOT re-estimated and is resubmitting to Local Bridge for funding increase for design and construction. Design estimated to start Q2 2025. Future Budget Adjustments will come forward for the water and water reclamation funds.

Financial Summary - Spending by Fund Project Photo

Accessibility Construction	--
Transportation	--
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 & Other	
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 and the public outreach program kicked off 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* To implement the improvements identified in the Alternative Analysis Report (available on the project website), the project will require a design contract amendment and additional funding through a budget adjustment at the mid-biennium 2023/2025 Capital Improvement Program update.

Financial Summary - Spending by Fund Project Photo

Accessibility Construction	\$46,633
Transportation Construction	\$236,447
Water	--
Water Reclamation	--
Stormwater	--
General Obligation Bond	\$73,982
Other	--
Total Spent	\$357,062



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 2024 to align with Crosstown Bikeways routes, design completion on track for 2024. Quick build project estimated November 2024 through June 2025.
Status Update	Wayfinding plan completed. On-going negotiations with BPRD to update IGA to accommodate City sign placement.

Financial Summary - Spending by Fund

Project Photo

Accessibility Construction	--
Transportation Construction	\$111,768
Water	--
Water Reclamation	--
Stormwater	--
General Obligation Bond	--
Other	--
Total Spent	\$111,768
Total Project Cost Estimate	\$700,000



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1TBMW Butler Mkt \ Wells Acres

Fund: Transportation Construction & General Obligation Bond	
Project Manager: Matthew Jaroslowski	Project Phase: Design
Est. Start Date: January 2025	Est. End Date: December 2025

Description & Background

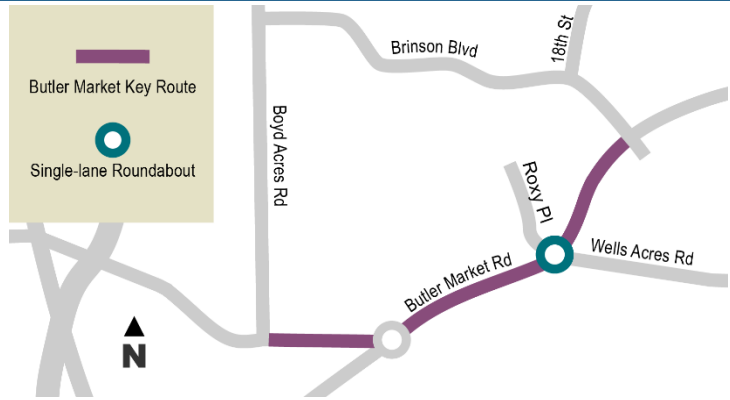
1TBMW is a synergy project funded by the transportation fund, water reclamation fund, and 2020 GO Bond. The scope of the project includes Intersection improvements on Butler Market Rd and Wells Acres Rd, a single lane roundabout will be constructed through the intersection and a 36" Interceptor will 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: December 2024 PSE and Bidding Documents ready for Solicitation: December 2024 Begin Construction: January 2025 Complete construction: December 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 fourth quarter in 2024 and construction completed by the end of fourth 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 Project Photo

Accessibility	--
Transportation	\$659,452
Water	--
Water	--
Stormwater	--
General Obligation	\$3,109
Other	--
Total Spent	\$662,561



Total Project Cost Estimate	\$6,445,300	Project location map
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1TNPS Neff & Purcell Intersection & 1GPUR Purcell Extension Project

Fund: Water Reclamation, Transportation Construction, Water, 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

On Schedule	Both projects are substantially complete and operational with processing of final project closeout underway.
Status Update	Both projects are substantially complete and operational with processing of final project closeout underway. The project is under the 1-year warranty and plant establishment phase.

Financial Summary - Spending by Fund Project Photo

Accessibility Construction	--
Transportation Construction	\$7,238,872
Water	\$611,661
Water Reclamation	\$1,053,059
Stormwater	\$783,167
General Obligation Bond	\$2,521,329
Other	--
Total Spent	\$12,208,088



Total Project Cost Estimate	\$12,709,200	Completed extension of Purcell Blvd.
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1TRVF Riverfront Improvements

Fund: Transportation Construction	
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	Survey data was collected along Riverfront Street. The first public meeting was held to gather community feedback. The Alternatives Analysis phase of the project has now started.

Financial Summary - Spending by Fund

Project Photo

Accessibility Construction	--
Transportation Construction	\$71,904
Water	--
Water Reclamation	--
Stormwater	--
General Obligation Bond	--
Other	--
Total Spent	\$71,904



Total Project Cost Estimate	\$1,028,600	First public meeting
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1WABD Awbrey Butte Distribution Improvements

Fund: Water Reclamation, 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 also includes 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 and anticipated to complete construction of all phases late Spring/early Summer of 2025. GMP3 for Phase 3 is anticipated to go to council for approval September 2024.
Status Update	<p>Construction for Phase 1 of the Project is substantially complete. Phase 2 is under way, which includes installation of a 30" water transmission line from the Mt Washington & Shevlin Park Rd roundabout to the Awbrey Reservoir, 15" sewer trunk main in Shevlin Park Road (complete), 8" distribution main upgrades and stormwater improvements along Saginaw Ave, Juniper Street, and Trenton Ave, and 16" and 18" distribution main upgrades along Portland Avenue from NW 9th Street to east of the Portland Bridge. GO Bond transportation improvements are also included in the Portland Avenue work.</p> <p>Phase 3 of the project is currently anticipating 100% Design Package in mid-July 2024 and includes a new valve with a building and reservoir connection at the Awbrey Reservoir site. Additional considerations are being made to upgrade existing outdated electrical infrastructure at the reservoir pump house with accommodations being considered for potential future in-conduit hydropower installation.</p>

Financial Summary - Spending by Fund

Accessibility Construction	\$29,482
Transportation Construction	--
Water	\$18,506,210
Water Reclamation	\$1,495,409
Stormwater	\$635,243
General Obligation Bond	--
Other	--
Total Spent	\$20,666,344

Project Photo



Total Project Cost Estimate	\$31,122,900	Installation of new 30" water transmission main along COCC easement.
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1WFRB Firerock Bridge

Fund: Water	
Project Manager: Carter Lawrence	Project Phase: Design
Est. Start Date: June 2023	Est. End Date: December 2025

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. Additionally, the project will include restoration of the riverbank and land effected by bridge removal processes.

Project Schedule & Status

Scheduled Revised	Project is currently paused while City works to evaluate options on how to proceed.
Status Update	Bridge removal activities have been put on hold due. In the meantime, site remediation activities on the west side of the river are now planned to occur during the Summer and Fall of 2024, to restore disturbances caused by pre-construction activities.

Financial Summary - Spending by Fund

Project Photo

Accessibility Construction	--
Transportation Construction	--
Water	\$162,808
Water Reclamation	--
Stormwater	--
General Obligation Bond	--
Other	--
Total Spent	\$162,808



Total Project Cost Estimate	\$550,000	Firerock Bridge Crossing
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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 tools 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 all 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>After developing a water main replacement prioritization tool with Utilities, OPM, and EIPD, the project team has selected its first project, located on Staats Street replacing 12" cast iron water main on Staats Street between Colorado Avenue and Kansas Avenue. This project will be called the "Staats Street Water Project." Survey is taking place for this project at this time, and this project will be designed in-house by EIPD staff.</p> <p>The program continues to explore data collection, verify data accuracy, and will continue to refine the GIS Water Main replacement prioritization tool into perpetuity that assigns a "Risk Score" to all main segments within the distribution system based on "consequence of failure" and "likelihood of failure" factors. The project team now has a list of 10 priority projects that will be delivered by EIPD but will be subject to change based on further information.</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	Repair on a steel water main pipe where the Utility Dept identified a leak and applied a repair sleeve.
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1WOFI Outback Facility Improvements

Fund: Water	
Project Manager: Brittany Barker	Project Phase: Planning
Est. Start Date: July 2022	Est. End Date: June 2028

Description & Background

The adopted Integrated Water System Master Plan 2021 (iWSMP), identified a need to expand the City-owned, 15-acre Outback site with an additional approximate 50 acres of adjacent Forest Service (FS) land to serve our growing community over the next 20 years and beyond. The Outback site has nearly reached its development capacity with both above- and below-ground infrastructure, and expanding the Outback site will help the City meet several key needs identified in the master plan. The first step needed to complete essential infrastructure improvements, accommodate future needs of the community, and provide greater protections and resiliency of the City’s water supply for both drinking and emergency response, requires acquiring the adjacent approximate 48 acres of FS land through a process called the Townsite Act. Future projects include creating an Outback Facility Plan and phasing of CIP improvements starting with our most critical fire resiliency projects, Pretreatment & In-Conduit Hydropower.

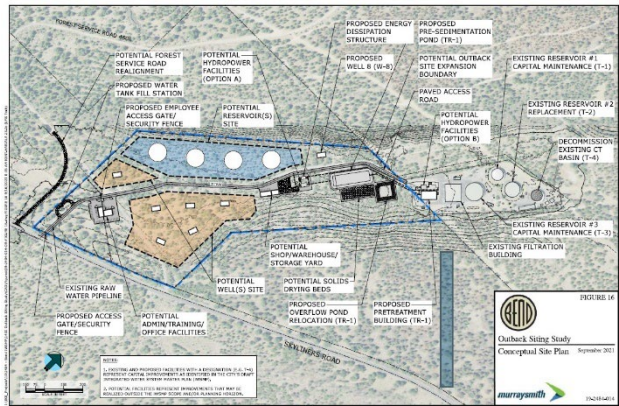
Project Schedule & Status

On Schedule	This project is on schedule.
Status Update	<p>For the Townsite Act process, a Work Plan and schedule have been developed with environmental surveys commencing in June 2024. A Building Resilient Infrastructure & Communities (BRIC) Grant application was submitted in February 2024 to construct the Pretreatment and In-Conduit Hydropower projects at the Outback site. We will be notified in Fall 2024 if we are successful in receiving the \$50M grant (with the City contributing \$14.5M).</p> <p>An RFP for the Outback Facility Plan to compile past plans and explore phasing of CIP work is anticipated to be advertised in late summer 2024. Following the successful acquisition of the additional 48 acres of land, Outback facility improvements identified in the iWSMP can begin design and construction.</p>

Financial Summary - Spending by Fund

Project Photo

Accessibility Construction	--
Transportation Construction	--
Water	\$142,917
Water Reclamation	--
Stormwater	--
General Obligation Bond	--
Other	--
Total Spent	\$142,917



Total Project Cost Estimate	\$26,339,100	Outback Expansion Conceptual Site Plan
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1WPDI Pilot Butte Distribution Improvements

Fund:	
Project Manager: Drew Wells	Project Phase:
Est. Start Date: March 2024	Est. End Date: September 2028

Description & Background

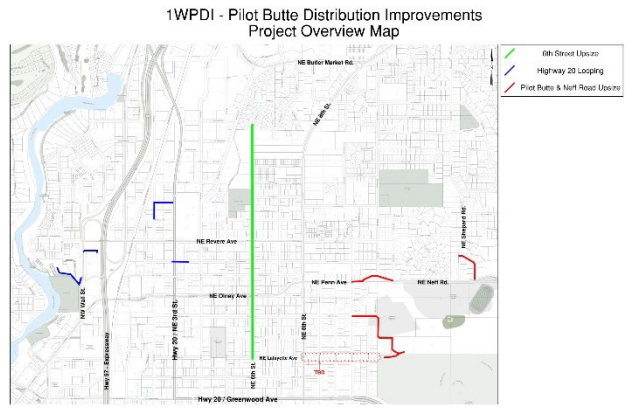
The Pilot Butte Distribution Improvements project aims to construct improvements to the City’s water system for fire flow and system redundancy in the vicinity of Pilot Butte through new piping segments or upsizing of existing piping. This project is a combination of six smaller subprojects identified in the City’s 2021 Integrated Water System Master Plan (iWSMP).

Project Schedule & Status

On Schedule	Design for the project improvements is anticipated to start in the Fall of 2024 with the plan for the physical improvements to be grouped into three separate construction packages/contracts and constructed over the course of 3 years, with the award of the first construction contract anticipated in the Fall of 2025.
Status Update	

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	\$14,800,000	Overview Map of Waterline Improvement Segments (final included segments TBD)
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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: October 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 in the process to receive additional grant funding for construction of the tower through FAA grant funding. The city has received a \$1.29 million grant (035) and is waiting to receive additional FAA grant funding \$6 million (038) and \$4 million (039) in the first quarter of fiscal year 2025

Project Schedule & Status

On Schedule	This project is on schedule.
Status Update	<p>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. 100% design plans were submitted to COB and FAA for review on 2/19/23.</p> <p>A construction Request for Qualifications was released February 28, 2024 on the City eProcurement portal, Bonfire. A pre-bid meeting and site visit is scheduled for March 13, 2024. Construction bids are due March 28, 2024. City received 5 competitive bids and went with the lowest qualified bid with Corp Inc. City Council approved a construction contract with Corp Inc.. Contracts were signed and a Limited Notice to Proceed was issued on June 28th 2024 for FAA approved administrative tasks to begin July 1st, 2024. An additional Notice to Proceed for all remaining tasks will be issued once FAA grant 038 has been executed.</p>

Financial Summary - Spending by Fund Project Photo

Accessibility Construction	--
Transportation Construction	--
Water	--
Water Reclamation	--
Stormwater	--
General Obligation Bond	--
Other	\$1,810,886
Total Spent	\$1,810,886





Total Project Cost Estimate	\$1,900,600	Rendering of new air traffic control tower
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Public Works Campus 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 project funding for construction has been fully approved by Council and construction is well underway. Still awaiting some permits, but progress on areas approved is ongoing and on schedule.

Financial Summary - Spending by Fund

Project Photo

Accessibility Construction	--
Transportation Construction	--
Water	--
Water Reclamation	--
Stormwater	--
General Obligation Bond	--
Other	\$28,925,749
Total Spent	\$28,925,749



Total Project Cost Estimate	\$130,665,700	Rendering of Entry
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