

Capital Improvement Program
Quarterly Status Report
October 2020



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CAPITAL IMPROVEMENT PROGRAM	ity	clamation	ter	ation		Current	Total Project	Total Project Spent to Date					To be Spent Fiscal Years	Total Project	t Spent	
FY 2021-2025	Accessibility	Water Re	Stormwater	Transportation	Water	Phase	Cost Estimate*	as of 9/30/2020	2020-21	2021-22	2022-23	2023-24	2024-25	2021-2025	Budgeted*	% Budget Spent
1XMCI Murphy Corridor Improvements	•					Construction	37,000,000	15,441,270	16,754,900	-	-	-	-	16,754,900	34,553,000	45%
1XECI Empire Corridor Improvements			•			Construction	23,770,000	20,000,093	3,717,900	2,658,300	75,500	-	-	6,451,700	23,770,000	84%
1XNIP North Interceptor Phase I & II		•				Construction	64,040,000	32,821,041	21,778,100	4,118,700	-	-	-	25,896,800	64,040,000	51%
1XNEP Neighborhood Extension Program Projects		•				Construction	15,254,000	6,811,369	6,508,000	4,485,100	3,603,300	2,500,000	2,500,000	19,596,400	28,276,000	24%
1S036 Drake Lift Station Upgrade	•	•				Construction	2,300,000	1,432,524	1,332,000	-	-	-	-	1,332,000	2,300,000	62%
1SSHI Solids Handling Improvements		•				Construction	13,000,000	1,853,474	7,750,000	3,000,000	-	-	-	10,750,000	11,889,000	16%
1SPSD Pump Station Decommissions		•				Construction	7,730,000	2,550,365	100,000	1,620,000	1,620,000	1,620,000	-	4,960,000	7,986,000	32%
1ADIV NE Division Street Corridor	•					Construction	689,000	589,003	520,000	-	-	-	-	520,000	689,000	85%
1TBKE Bicycle Greenways						Construction	1,840,000	820,628	382,700	892,500	-	-	-	1,275,200	1,840,000	45%
1TCSI Citywide Safety Improvements					•	Construction	2,557,000	1,610,965	100,000	704,000	228,900	-	-	1,032,900	2,557,000	63%
1SRLS Riverhouse Pump Station		•				Construction	840,000	875,698	-	-	-	-	-	-	840,000	104%
1SCSE Collection System Enhancement Program		•				Construction	5,000,000	331,995	1,740,000	200,000	-	1,500,000	1,500,000	4,940,000	6,480,000	5%
1RNPR Newport Corridor Improvements	•	•				Design	21,000,000	1,897,819	5,278,000	7,108,000	5,368,000	2,379,000	-	20,133,000	20,741,000	9%
1SAMM SW Sewer Basin Improvements		•				Design	10,715,000	180,821	2,500,000	5,100,000	3,000,000	-	-	10,600,000	10,700,000	2%
1TNPS Neff & Purcell Intersection		•				Design	7,000,000	753,948	3,307,100	3,307,100	-	-	-	6,614,200	7,000,000	11%
1SBSS Bend Septic Solutions		•				Design	3,177,200	2,853,563	172,000	353,000	-	-	-	525,000	2,985,000	96%
1ABRI Brosterhous Road Accessibility Improvements						Design	629,000	145,768	560,000	-	-	-	-	560,000	629,000	23%
1TCSR Columbia Roundabout Improvements						Design	5,700,000	42,229	5,700,000	-	-	-	-	5,700,000	5,700,000	1%
1TTSI Traffic Signal Improvements						Design	25,000	-	25,000	-	-	-	-	25,000	25,000	0%
1TGCI Galveston Corridor Improvement						Design	636,400	625,713	-	-	-	-	-	-	637,000	98%
1WMP1 Water Master Plan Update					•	Planning	1,672,000	1,003,369	445,000	-	-	-	-	445,000	1,572,000	64%
1TR3N Reed Mkt: 3rd to Newberry Plant Establishment						Sub. Complete	3,674,000	7,126,448	-	-	-	-	-	-	7,126,000	100%
1SPCR WRF Primary Clarifier Rehabilitation		•				Pending	1,000,000	-	1,000,000	-	-	-	-	1,000,000	1,000,000	0%
1WPRP Opt Study - Parallel Piping Rock Bluff to Brosterhous.					•	Pending	2,940,000	-	-	2,940,000	-	-	-	2,940,000	2,940,000	0%
1ANAV Norton Avenue Accessibility Improvement	•					Pending	100,000	-	-	100,000	-	-	-	100,000	100,000	0%
1ARWI River West Accessibility Improvements	•					Pending	600,000	-	-	600,000	-	-	-	600,000	600,000	0%
1RMP1 Stormwater Master Plan Update						Pending	500,000	-	-	500,000	-	-	-	500,000	500,000	0%
1SFPU WRF Facilities Plan Update						Pending	500,000	-	-	500,000	-	-	-	500,000	500,000	0%
1SMP1 Collection System Master Plan Update		•				Pending	750,000	-	-	750,000	-	-	-	750,000	750,000	0%
1WCPS College Parallel Pipe Study						Pending	1,250,000	-	-	1,250,000	-	-	-	1,250,000	1,250,000	0%
1WLPE Lafayette Pipe Enlargement						Pending	260,000	-	-	260,000	-	-	-	260,000	260,000	0%
1WWSC New Water Well Near NE Shirley Court						Pending	2,915,000	-	-	2,915,000	-	-	-	2,915,000	2,915,000	0%
1WAWP Awbrey Well Supply Expansion						Pending	2,085,000	-	-	700,000	1,385,000	-	-	2,085,000	2,085,000	0%
1TBRB Bond & Reed Market RAB				•		Pending	750,000	-	-	50,000	700,000	-	-	750,000	750,000	0%
1RFGU Franklin & Greenwood Underpass			•			Pending	3,720,000		-	120,000	600,000	1,500,000	1,500,000	3,720,000	3,720,000	0%
1T3IN 3rd & Reed Market				•		Pending	5,000,000	-	-	500,000	2,500,000	2,000,000	-	5,000,000	5,000,000	0%
1SCAS Cooley Area PSD and Sewer Availability		•				Pending	5,650,000	-		400,000	2,550,000	2,700,000	-	5,650,000	5,650,000	0%
1ADEI NW Delaware Accessibility Improvements	•					Pending	600,000	-	-	-	600,000	-	-	600,000	600,000	0%
1WSLW Opt Study - Shiloh Well						Pending	2,721,600	-	-	-	2,721,600	-	-	2,721,600	2,721,600	0%
1SSFU Support Facilities Upgrade		•				Pending	1,000,000	-		-	500,000	500,000	-	1,000,000	1,000,000	0%
1ASCA Southern Crossing Accessibility Improvements	•					Pending	500,000	-	-	-	100,000	400,000	-	500,000	500,000	0%
1RRMC Roosevelt & McKinley Stormwater			•			Pending	579,000	-	-	-	104,000	475,000	-	579,000	579,000	0%

CAPITAL IMPROVEMENT PROGRAM	ity	Reclamation	er	ortation		Current	rrent Total Project Sp nase Cost Estimate*	Total Project Total Project Spent to Date						To be Spent Fiscal Years	Total Project	
FY 2021-2025	Accessibility	Water Red	Stormwater	Transport	Water	Phase		as of 9/30/2020	2020-21	2021-22	2022-23	2023-24	2024-25	2021-2025	Budgeted*	% Budget
1T9WS 9th & Wilson				•		Pending	5,000,000	-	-	-	1,000,000	2,000,000	2,000,000	5,000,000	5,000,000	0%
1TCHI Brosterhaus/Chase						Pending	5,000,000	-	-	-	1,000,000	2,000,000	2,000,000	5,000,000	5,000,000	0%
1AADA Accessibility Opportunity Projects	•					Pending	300,000	-	-	-	100,000	100,000	100,000	300,000	300,000	0%
1AMWI Mt Washington Accessibility Improvements	•					Pending	400,000	-	-	-	-	100,000	300,000	400,000	400,000	0%
1ANHI NW Hill Accessibility Improvements	•					Pending	400,000	-	-	-	-	100,000	300,000	400,000	400,000	0%
1TCON 27th/Conners Intersection						Pending	2,500,000	-	-	-	-	500,000	2,000,000	2,500,000	2,500,000	0%
1SOC1 Odor Control Master Plan		•				Pending	1,155,000	-	-	-	-	1,155,000	-	1,155,000	1,155,000	0%
1WRMB Opt Study - Parallel Mains Brosterhous on Reed Mkt					•	Pending	1,795,000	-	-	-	-	1,795,000	-	1,795,000	1,795,000	0%
1RMNW Minnesota & Wall Stormwater				•		Pending	324,000	-	-	-	-	-	324,000	324,000	324,000	0%
1RTHR Thurston Avenue Stormwater				•		Pending	103,000	-	-	-	-	-	103,000	103,000	103,000	0%
1SAAI Addison & Butler Mkt Gravity Improvement		•				Pending	1,512,000	-	-	-	-	-	1,512,000	1,512,000	1,512,000	0%
1SPGA Large Gravity Pipe Condition Assessment		•				Pending	200,000	-	-	-	-	-	200,000	200,000	200,000	0%
1TBMW Butler Mkt/Wells Acres				•		Pending	3,000,000	-	-	-	-	-	3,000,000	3,000,000	3,000,000	0%
1WPB4 Opt Study - Pilot Butte 4 Tank					•	Pending	5,807,000	-	-	-	-	-	5,807,000	5,807,000	5,807,000	0%
Grand Total							289,165,200	99,768,102	79,670,700	45,131,700	27,756,300	23,324,000	23,146,000	199,028,700	303,251,600	

<sup>\*</sup> Rounded to the nearest thousand

#### CAPITAL IMPROVEMENT PROGRAM SPENDING BY FUND IN FISCAL YEAR 2021

#### TRANSPORTATION CONSTRUCTION FUND

## \$28.0M

\$4,139,537 SPENT 14.8%

#### **ACCESSIBILITY CONSTRUCTION FUND**



\$351,596 SPENT 25.5%

#### **WATER FUND**



\$493,579 SPENT 20.8%

#### WATER RECLAMATION FUND



\$6,579,250 SPENT 15.3%

#### **STORMWATER FUND**



#### **TOTAL CAPITAL IMPROVEMENT PROGRAM**



\$11,680,964 SPENT 14.7%



#### Murphy Corridor Improvements Project Scope

Murphy Road is a collector route located in the SE corner of Bend. This project performs the remaining upgrades between the intersections of Parrell and 15<sup>th</sup> that build upon the prior transportation network upgrades performed to the west of the corridor. Additional improvements will improve safety, efficiency, connectivity and reliability of the transportation system in SE Bend.

A progressive design build (PDB) delivery method is being utilized to construct all of the improvements identified on the timeline below.

Project #s: 1TMCI, 1TMC2, 1TMC3, iTMC4, 1TMC5, 1TMC6, 1TMC7

Status: On Scope

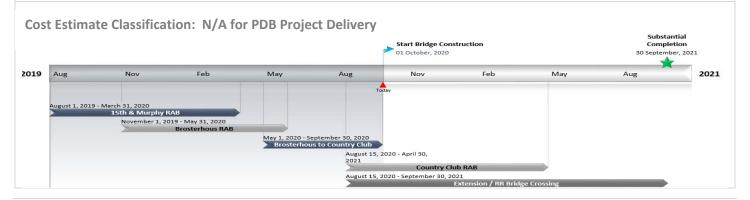
Adjustments: No change

# Primary Contact: George Franklet | gfranklet@bendoregon.gov

Schedule	Cost					
Start Date: 11/1/2018	Budgets & Estimates rounded to nearest thousand					
Substantial Completion: 09/30/21	Total Estimated:	\$37,000,000				
	Total Budgeted:	\$34,553,000				
	Spent to Date:	\$15,443,283				
	% Spent to Budgeted:	45%				
	*Cost estimate has been financially modeled					
Status: On Schedule	Status: Budget Adjustment Neede					
Adjustments: No change	Adjustments: <i>GMP 5 negations are final</i> . A \$2.4M budget adjustment will be requested when appropriations					

are needed.

**Status Update:** The fifth and final GMP was successfully negotiated and approved by Council on August 5. Country Club RAB construction started on August 7. Design for Murphy Extension RR overcrossing bridge and structures was completed on August 12. ROW acquisition and design continues for Country Club to Parrell. Construction between Brosterhous and Country Club was completed on September 8th. Coordination w/BNSF RR continues to finalize the overpass maintenance agreement in preparation for overpass construction later this fall.





## **Empire Corridor Improvements Project Scope**

Improvements include a new roundabout at the intersection of **Empire Avenue and Purcell** Boulevard; Modernization of Empire Avenue between 18th Street and Purcell Boulevard; Extending Empire Avenue from Purcell Boulevard to the intersection of 27th Street and Butler Market Road: Intersection improvements where Butler Market Road, the Empire Avenue Extension, and 27th Street meet: Modernization of Purcell Boulevard between Rock Park Drive and Butler Market Road; and, intersection improvements at Butler Market Road and Purcell Boulevard.

Project #s: 1TECI, 1TEC2, 1TEC3,

1TEC4, 1TEC5, 1TEC6

Status: On Scope



Schedule	Cost			
Start Date: 08/1/2017 Substantial Completion: 08/31/2022	Budgets & Estimates rounded to Total Estimated: Total Budgeted: Spent to Date: % Spent to Budgeted:	\$23,770,000 \$23,770,000 \$23,770,000 \$20,034,386 84%		
Status: COVID Schedule Delay	Status: Trending Under Budget			

Adjustments: No change

Adjustments: Active work continues, but a portion of 1TEC6 and all of 1TEC5 was postponed as part of the FY 2021 COVID-19 budget reductions

Adjustments: These improvements are planned for calendar year 2022 and are estimated to come in under the original project budget.

**Status Update:** Phase 1 and Segment 1-3 are complete. The Empire Extension has been constructed and has been tied into Purcell Boulevard and Butler Market Road with two new roundabouts. The last piece of the project to complete is Segment 4, the improvements to Purcell south of the NUID canal and north of Butler Market Road and the improvements to the intersection of Butler Market Road and Purcell Boulevard.





#### **North Interceptor Project** Phase I & II

#### Scope

Large diameter gravity sewer line along the northern edge of Bend's UGB that provides additional capacity to the City's existing infrastructure and new service to currently undeveloped or unserved areas. Phase I begins at the City's Water Reclamation Facility and extends to Pioneer Loop (10,500 feet). Phase II continues from Pioneer Loop through Juniper Ridge to Clausen Road just west of Highway 97 (17,500 feet). Phase III runs from Clausen Road to O.B. Riley Road (9,000 feet). This document captures budget/schedule for Phases I and II only. Phase III is a future phase, with budget/schedule to be determined at a later date.

Project #s: 1SNIP, 1SNIA, 1SNIX,

1SNIL, 1SNI2 Status: On Scope Adjustments: No change



	Schedule	COST				
;	Start Date: 3/1/17	Budgets & Estimates rounded up to nearest thousand				
	Substantial Completion: 6/30/22	Total Estimated: \$64,040,000				
:		Total Budgeted: \$64,040,000				
		Spent to Date: \$32,821,458				
		% Spent to Budgeted: 51%				
	Status: On Schedule	Status: On Budget				
	Adjustments: No change	Adjustments: No change				

Cost

Status Update: Construction of Phase 1 is progressing on schedule, with substantial completion scheduled for this fall, which will allow the City to direct flows from the existing Plant Interceptor to the new North Interceptor. Design of Phase 2 is complete and construction began in June, with an expected completion of spring 2022.

Cost Estimate Classification: N/A for PDB Project Delivery





#### Neighborhood Extension Program Projects Scope

Budgeted at \$2.5 million per year, this program allows residents to apply annually to the City to construct a sewer project in an area where properties are currently served by private onsite septic systems.

Five projects will design and construct gravity sewer and laterals, including:

- 35,000' through a portion of Southeast Bend near the King's Forest neighborhood
- 1,400' on Via Sandia
- 1,400' on East Lake Drive
- 500' on Orion Drive

Status: On Scope

Adjustments: No change

 Result in a full-width and fulldepth pavement restoration within the existing roadways

Project #s: 1SDWS, 1SNOT, 1SSIM, 1SN01, 1SN02

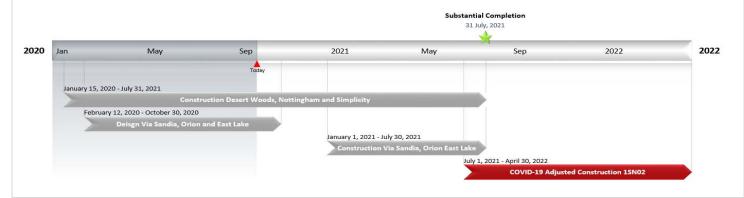
SIMPLICITY PUMP STATION SEWER SE HOLLIS LN TWIN LAKES LP WEST VIEW DR GREENMENT D GREENMONT DR DESERT WOODS DR DESERT WOODS DR KING RICHARD CT KING HEZEKIAH WAY EXISTING SOUTHEAST INTERCEPTOR NOTTINGHAM PLIMP STATION KING HEZEKIAH WAY

#### Primary Contact: Lindsey Cromsigt | Icromsigt@bendoregon.gov

Schedule	Cost		
Start Date: 11/1/2019	Budgets & Estimates rounded to nearest thousand		
Substantial Completion: 4/30/2022	Total Estimated: \$15,254,000*		
	Total Budgeted: \$15,254,000		
Nottingham PSD complete	Spent to Date: \$6,823,983		
Simplicity PSD complete	% Spent to Budgeted: 45%		
	*Neither Estimate or Budget reflect the \$2.5M annual funding for future projects		
Status: Ahead of Schedule	Status: On Budget		
Adjustments: Project is trending ahead of schedule with a March construction expected for Via Sandia, Orion and East Lake	Adjustments: No change		

**Status Update:** Design is complete for all phases of the Desert Woods project. Construction on Desert Woods is scheduled for completion January 2021. Work on 15<sup>th</sup> street is complete and the roadway is reopened. The Via Sandia Project is trending ahead of schedule. Estimated completion is December 2021.

**Cost Estimate Classification: Multiple Stages** 





## Drake Pump Station Upgrade Project Scope

The existing wastewater pump station at the intersection of NW Riverside Blvd. and NW Congress St. faces maintenance and performance issues associated with its older, obsolete design. This project will restore the pump station condition and satisfy the demands of service area build-out. Project includes pumps, piping, electrical and control equipment, odor control measures, wet well, liquid level monitoring, pressure monitoring, flow monitoring, bypass pumping port, and telemetry equipment within a new station, as well as gravity and force main construction.

This project will provide intersection enhancements, minimize nuisance odors, construct water lines, and install ADA compliant curb ramps along the Riverside Blvd. corridor.

Project #: 1S036

Status: On Scope
Adjustments: No change



Schedule	Cost
Start Date: 2/15/2019 Substantial Completion: 11/13/2020	Budgets & Estimates rounded to nearest thousand Total Estimated: \$2,300,000 Total Budgeted: \$2,300,000 Spent to Date: \$1,432,525 % Spent to Budgeted: 62%
Status: On Schedule	Status: On Budget
Adjustments: No change	Adjustments: No change

**Status Update:** Construction is on schedule with completion of ADA work and excavation of the waterline. The remaining sewer work will be completed in November.





## Solids Handling Improvements Project Scope

The City of Bend's Water Reclamation Facility (WRF) solids handling dewatering process has maintenance, redundancy, and operational challenges. The system is nearing capacity and there is heavy corrosion in both the building and on equipment resulting in deterioration of assets.

The objective of the project is to upgrade the solids dewatering process to ensure (1) increase in dewatering performance while continuing to produce Class A biosolids, (2) increase capacity, (3) increase asset lifespan, and (4) provide safe work environment for staff.

Project #: 1SSHI

Status: On Scope

Adjustments: No change

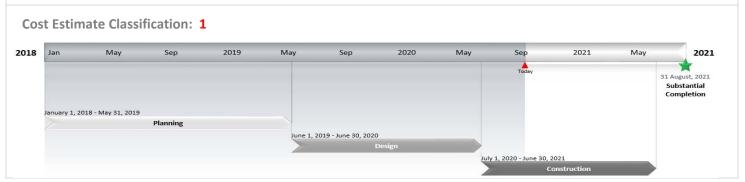


Schedule	Cost				
Start Date: 6/1/2018	Budgets & Estimates rounded to nearest thousand				
Substantial Completion: 8/30/2021	Total Estimated:	\$13,000,000*			
	Total Budgeted:	\$11,889,000			
	Spent to Date:	\$1,853,583			
	% Spent to Budgeted:	16%			
	*Cost estimate has been fin	ancially modeled.			
Status: On Schedule	Status: Budget Increase Needed				
Adjustments: No change	Adjustments: \$1.1M increase needed as a result of typical cost estimate classification update attributable to				

are needed.

project maturity. A budget adjustment will be requested when appropriations

**Status Update:** Construction began in August. Crews have installed the temporary belt press and demolition of the solids handling building is underway.





## Pump Station Decommission Program Scope

Decommissioning of several sewer pump stations became viable when the 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 #: 1SPSD

Status: On Scope

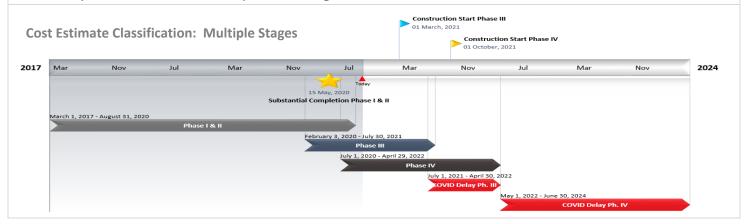
Adjustments: No change



Primary Contact: Lindsey Croms	igt   Icromsigt@bendoregon.gov			
Schedule	Cost			
Start Date: 3/1/2017 Ph I and II Completion: 5/15/2020 Ph III Completion: Summer, 2021 Ph IV Completion: Spring, 2024	Budgets & Estimates rounded to nearest thousand Total Estimated: \$7,730,000  Total Budgeted: \$7,986,000*  Spent to Date: \$2,553,920  % Spent to Budgeted: 32%  *This project has \$8M in DEQ funding, with \$7.73M currently identified projects.			
Status: COVID Schedule Adjustment	Status: On Budget			
Adjustments: Phase I & II completed significantly ahead of schedule but construction on Phase III and all work on Phase IV were postponed by	Adjustments: No change			

**Status Update:** Phase I & II Construction was completed three months ahead of schedule. Design for Phase III is nearing completion, however, due to COVID-19 budget reduction response the construction work is postponed. Additionally, Phase IV schedule is delayed and timing of that work is uncertain at this time.

COVID-19 budget reductions





#### NE Division Street Corridor Project Scope

This project will design and construct accessibility improvements along NE Division Street. It was prioritized by the City of Bend Accessibility Advisory Committee (COBAAC) and the Central Oregon Coalition for Access (COCA).

The project includes the survey, design, and construction of sidewalk, curb ramps, and driveways on NE Division Street between NE Thurston and NE Addison Avenues. It will address two Barrier Removal Requests submitted by the community.

Project #: 1ADIV

Status: On Scope

Adjustments: No change

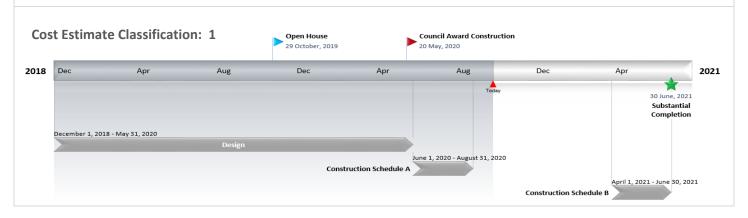
#### Primary Contact: Brad Tower | btower@bendoregon.gov



#### Schedule Cost Budgets & Estimates rounded to nearest thousand Start Date: 12/1/2018 Total Estimated: \$689,000 Substantial Completion: 6/30/2021 Total Budgeted: \$689,000 Spent to Date: \$589,003 % Spent to Budgeted: 85% **Status: Baseline Schedule Change** Status: On Budget Adjustments: Adjusted to Adjustments: No change accommodate additional

**Status Update:** Construction on the initial procurement of curb ramps and sidewalk concluded in August. Exercised the option to complete six additional curb ramps to be completed in summer 2021.

construction schedule.





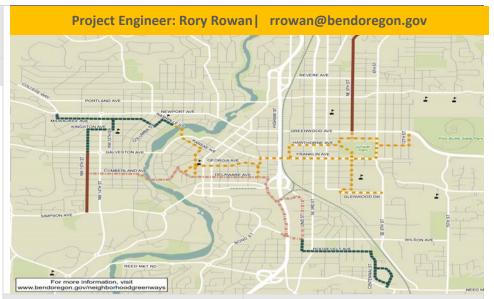
#### Bicycle Greenways Project

#### Scope

An initial network of neighborhood greenways across Bend will be created to make walking and biking a more comfortable and safe travel option. It will be implemented in phases and by corridor over multiple years. The proposed improvements will provide safer connections, reduce cut through traffic and speeds, help people cross busier streets, and link together housing, parks, schools, and businesses.

Design, public outreach, and construction of signs, pavement markings, and traffic calming improvements across a 9-mile network of local streets.

Project #: 1TBKE



#### Schedule

Start Date: 2/1/2018

Substantial Completion: 12/31/2021

#### Cost

Budgets & Estimates rounded to nearest thousand

Total Estimated: \$1,840,000

Total Budgeted: \$1,840,000 Spent to Date: \$820,903

% Spent to Budgeted: 45%

#### **Status: On Scope**

Adjustments: No change

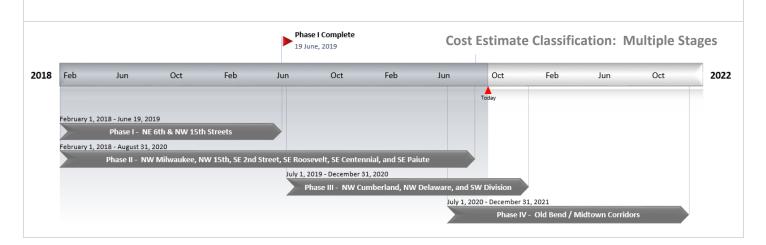
#### **Status: Behind Schedule**

Adjustments: Resource constraints and fund availability have pushed Phase IV project out one fiscal year. Timeline will be adjusted in January.

Status: On Budget

Adjustments: No change

**Status Update:** Phase III Construction began in September and will be completed by November.





#### **Citywide Safety Improvements Project** Scope

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: 3rd & Hawthorne, 3rd & Franklin, 3<sup>rd</sup> & COID Canal, 3<sup>rd</sup> & Pinebrook, 3<sup>rd</sup> & Roosevelt, Colorado Interchange, Neff & Williamson, 27th & Conners, and Brosterhous Road railroad underpass (see Brosterhous Accessibility Improvements pg. 20).

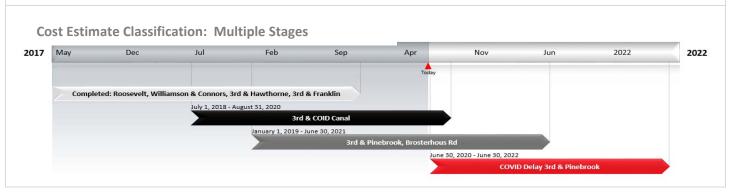
Project #: 1TSCI



Schedule	Cost	
Start Date: 10/1/2014	Budgets & Estimates rounded t	o nearest thousand
Substantial Completion: 6/30/2022	Total Estimated:	\$2,557,000
	Total Budgeted:	\$2,557,000
	Spent to Date:	\$1,610,965
	% Spent to Budgeted:	63%

Status: On Scope **Status: COVID Schedule Adjustment** Status: On Budget Adjustments: No change Adjustments: 3<sup>rd</sup> & COID complete Adjustments: No change ahead of schedule, however, construction for 3<sup>rd</sup> & Pinebrook pushed out one year due to COVID-19 budget reductions.

Status Update: 3<sup>rd</sup> & COID was completed 3 months ahead of schedule. Design completed for 3<sup>rd</sup> & Pinebrook and is ready to bid when funding is available. No further update to this project will be provided until the construction phase is started.





#### Riverhouse Pump Station Project

#### Scope

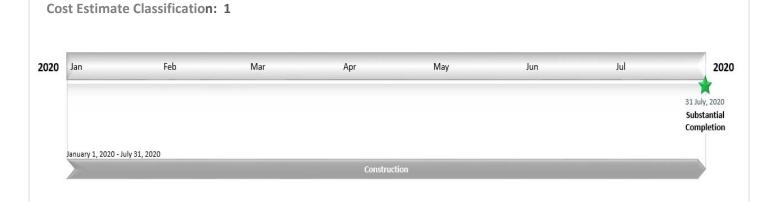
As identified in the 2014 CSMP and recommended by the Infrastructure Advisory Committee (IAC), the Riverhouse Lift Station Improvements project includes projects 1, 5 and 6 identified in the North Area Sewer Upgrades project and concludes the work prepared under that project. The improvements will balance flows in this area and provide additional capacity to the north end of the collection system.

Project #: 1SRLS



	Schedule	Cost		
	Construction Start Date: 1/1/2020	Budgets & Estimates rounded to nearest thousand		
	Substantial Completion: 7/31/2020	Total Estimated: \$916,000*		
		Total Budgeted: \$840,000		
		Spent to Date: \$875,698		
		% Spent to Budgeted: 104%		
		*Estimate has been financially modeled		
Status: On Scope	Status: On Schedule	Status: Budget Increase		
Adjustments: No change	Adjustments: No change	Adjustments: \$205,000 increase a result of typical cost estimate classification update attributable to project maturity		

**Status Update:** Project achieved substantial completion on August 10, 2020. Only punch list items remain. This is the last report this project will be in.





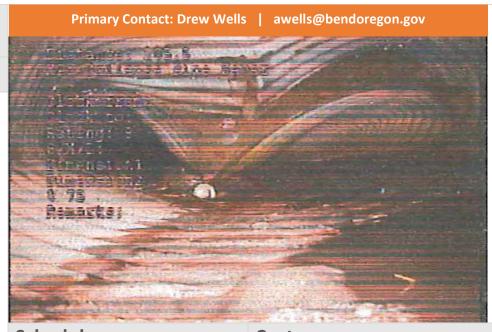
#### Newport Corridor Improvements Project Scope

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 also prioritized fifteen associated projects that would directly benefit the trunk line project or mitigate flooding and/or improve water quality in the basin.

The project proposes to 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, replace the storm and water systems down Nashville Ave from 9th St. to the Deschutes River and construct the 15 drainage improvements as identified and prioritized in the Final Improvement Plan of the South Awbrey Butte Drainage Study.

Project #: 1RNPR
Status: On Scope

Adjustments: No change



t.	Schedule	Cost	
	Start Date: 3/6/2019	Budgets & Estimates rounded to nearest thousand	
and	Substantial Completion: 10/31/2023	Total Estimated: \$21,000,000*	
		Total Budgeted: \$20,749,000	
		Spent to Date: \$2,103,255	
t		% Spent to Budgeted: 10%	
		*Cost estimate has been financially modeled	
	Status: On Schedule	Status: On Budget	
	Adjustments: No change	Adjustments: No change	

**Status Update:** The project is currently paused at 60% design to allow evaluation of alternatives at the 11<sup>th</sup> and 12<sup>th</sup> St. intersections. The 90% design package is expected in mid-November with construction anticipated to begin in the Spring of 2021. A open house is being planned for mid-December 2020 or mid-January 2021.





#### **SW Sewer Basin Improvements Project** Scope

Comprehensive engineering study will evaluate the southwest basin of Bend to gather necessary information for any future design and construction phases for sewer improvements.

The study will incorporate parcels currently on private septic systems, residential parcels that are part of the Romaine Village Pressure System, undeveloped parcels along Highway 97, and UGB expansion areas.

Upon completion of the study, the first segment of a gravity sewer collection line will be designed and constructed to capture all the areas mentioned above.

Project #: 1SAMM

**Status: Increased Scope** 



#### Schedule Cost Budgets & Estimates rounded to nearest thousand Start Date: 03/20/2020 Total Estimated: \$10,715,000\* Substantial Completion: 12/31/2021\* Total Budgeted: \$10,700,000 \* Timeline only reflects Phase I and Phase II \$180,821 Spent to Date: % Spent to Budgeted: 2% \* Cost estimate has been financially modeled **Status: Budget Increase Needed**

Adjustments: Added ADA ramps. Additional future stormwater work is under evaluation and may result in additional scope and cost increases.

#### Status: On Schedule

Adjustments: No change

Adjustments: Increase is a result of increased scope for accessibility work. A \$15,000 budget adjustment will be requested when appropriations are needed.

Status Update: Design team completed alternatives analysis and continue design development toward 60%.





### Neff & Purcell Intersection Project

#### Scope

This intersection and corridor has been highly prioritized by members of the community serving on the City of Bend Accessibility Advisory Committee and a previous safety study. The project will include the following tasks: public engagement, survey, design, and construction of missing sidewalks and a safer intersection for all users serving the surrounding medical, residential, and school properties.

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.

Project #: 1TNPS

Status: On Scope

Primary Contact: Sinclair Burr | sburr@bendoregon.gov

#### Schedule

Start Date: 8/1/2018

Substantial Completion: 10/31/2021

#### Cost

Budgets & Estimates rounded to nearest thousand

Total Estimated: \$7,000,000

Total Budgeted: \$7,000,000

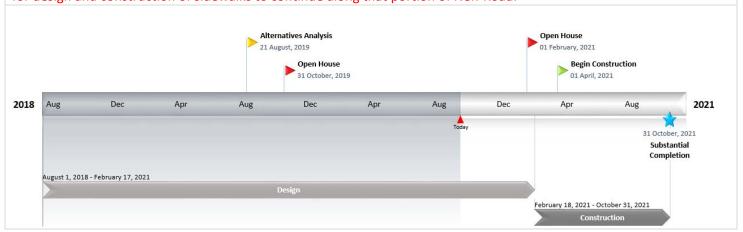
Spent to Date: \$753,948

% Spent to Budgeted: 11%

Status: On Scope Status: On Schedule Status: On Budget

Adjustments: No change Adjustments: No change

**Status Update:** 90% design review has been completed and the project team is moving forward with 100% design. Roadway legalization process along Neff Road from Parkridge Drive to Leehaven Lane continues. This will allow for design and construction of sidewalks to continue along that portion of Neff Road.





### Brosterhous Road Accessibility Improvements Scope

This project will design and construct accessibility improvements along Brosterhous Road south of Murphy. It will provide safer connections between surrounding neighborhoods and schools.

Transportation safety work being performed is part of the Citywide Safety Improvements Project (1TCSI). For additional information on this project, see page 16.

It was prioritized by the City of Bend Accessibility Advisory Committee (COBAAC) and the Central Oregon Coalition for Access (COCA).

Project #: 1ABRI

# Primary Contact: Deedee Fraley | dfraley@bendoregon.gov

## Start Date: 8/1/2019 Substantial Completion: 09/01/2021 Budgets & Estimates rounded to nearest thousand Total Estimated: \$629,000 Total Budgeted: \$629,000 Spent to Date: \$145,768 % Spent to Budgeted: 23%

#### **Status: Potential Scope Increase**

Adjustments: Additional sidewalk between SE Caldera and the railroad is being evaluated

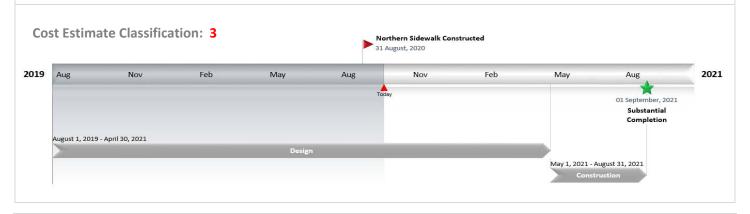
#### **Status: Behind Schedule**

Adjustments: The project is behind schedule for the undercrossing, but the Northern Sidewalk milestone has been completed. A baseline schedule adjustment will be submitted at a future date.

#### **Status: Potential Budget Increase**

Adjustments: If scope increases, a budget increase will be needed. Cost is unknown at this time, but portions of the work would be covered by savings on other projects.

**Status Update:** Split project into two construction phases in order to optimize design funds. Construction completed in September for the sidewalk from Orchard Grass Place to the southeastern driveway of the Pines Mobile Home Park. Permitting with BNSF Railroad currently under way.





SW Theater D

#### Columbia Roundabout Improvements Project Scope

Partnership with Bend Parks and OSU Cascades to fund, design and construct Columbia Roundabouts at Simpson and Colorado. \$1 million is the City's share of the project.

Council Goal Project to improve traffic flow, safety, and access and connectivity tor new housing.

Project #: 1TCSR

# SIMPSON AVE SW SIMPSON AVE S

SW REED MARKET RD

Primary Contact: Deedee Fraley | dfraley@bendoregon.gov

**Schedule** Cost Budgets & Estimates rounded to nearest thousand Start Date: 4/1/2019 Total Estimated: \$5,700,000\* Substantial Completion: 8/1/2021 \$5,700,000 Total Budgeted: Spent to Date: \$42,229 % Spent to Budgeted: 1% \*City portion \$1,000,000 Status: On Scope **Status: Baseline Schedule** Status: On Budget **Adjustment** Adjustments: No change Adjustments: Schedule adjusted to Adjustments: No change accommodate construction schedule

**Status Update:** Currently out for procurement with an anticipated Council date 12/16/2020 for Design Build contract.

#### Cost Estimate Classification: NA for Design Build Delivery



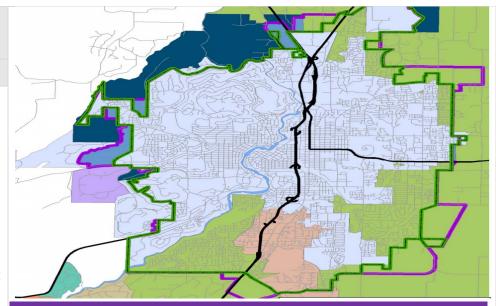


#### Water System Master Plan Update Project Scope

The purpose of this Integrated Water System Master Plan is to provide the City with information and guidance for the utility water system's operation, maintenance, and development, as well as incorporate integrated conservation, energy reduction, and water management practices into long-term planning. The plan will emphasize the optimization of Utility Water operations in an effort to decrease operational and energy costs, with the potential to reduce capital improvement replacements, while continuing to provide a safe and reliable water supply to the growing Bend community.

Project #: 1WMP1

**Status: Scope Increase** 



Primary Contact: Enc Poister	elorster@bendorego	ni.gov
Schedule	Cost	
Start Date: 5/1/2019	Budgets & Estimates rounded to nearest thousand	
Final Closeout: 4/30/2021	Total Estimated:	\$1,672,000*
	Total Budgeted:	\$1,572,000
	Spent to Date:	\$1,057,782
	% Spent to Budgeted:	67%
	*Cost estimate has been fin	ancially modeled

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Adjustments: Increased scope to add a siting plan at the Outback Facility

Status: Baseline Schedule Adjustment

Adjustments: Schedule has been pushed out to accommodate increase in scope. Estimated completion date is April 30.

**Status: Budget Adjustment Needed** 

Adjustments: Increase in budget is needed for scope increase. A \$100,000 budget adjustment will be requested when appropriations are needed.

**Status Update:** Modeling optimization scenarios nearing completion. Work will continue with project identification and prioritization.

