Agenda



BMPO Technical Advisory Committee

July 9, 2024 Hybrid Meeting

Location

Council Chambers, Bend City Hall 710 NW Wall, Bend, Oregon

Zoom webinar link: https://bendoregon-

gov.zoom.us/j/81371328430?pwd=5252vDdYp1jarxagQXlLnGlqryZZAd.1

Webinar ID: 813 7132 8430

Passcode: bendmpo

Phone: 1-888-788-0099

YouTube livestream: https://youtube.com/live/nsZ2xN6lanM?feature=share

10:30 a.m. Technical Advisory Committee Meeting

Start Time	Item	Information	Presenters
10:30	1. Call to Order		Tyler Deke
	&		
	Introductions		
10:33	2. Hybrid		Tyler Deke
	Meeting		,
	Guidelines		
10:35	3. Public		Tyler Deke
10.55	Comment		Tyler Beke
10:37	4. Meeting	<u>Attachments</u>	Tyler Deke
	Summary	Attachment A: June 5, 2024, Technical Advisory	
		Committee draft meeting summary	

BMPO TAC Meeting Agenda 1

10:40	5. Federal COVID Funding – Project Summaries & Review	Action Requested Review and approve the June 5, 2024, TAC meeting summary. Recommended Language for motion: I move approval of the June 5, 2024, Technical Advisory Committee draft meeting summary as presented. Background The "Consolidated Appropriations Act, 2021" was approved in December 2020 and included significant COVID related funding. From that legislation, approximately \$1.5 million was allocated to the Bend MPO. In 2023, the Policy Board awarded about \$1.2 million to several projects. In May and June, MPO staff coordinated an informal project solicitation process for the remaining funds. Applicants will provide brief project presentations (with Q & A). Attachments Attachment B: CET project proposal Attachment C: Bend La Pine Schools proposal Attachment D: City of Bend proposal Attachment E: Cost summary Action Requested Discuss project proposals and make funding recommendation to Policy Board.	MPO Staff and Project Applicants
11:25	6. Bike Share Update	Background In 2022, the City of Bend initiated a 2-year e-bike share pilot program in collaboration with Bird. Tobi Marx will offer an update on the pilot project, covering system usage and potential next steps. Key talking points will include a quick review of the program's first two years, lessons learned, and metrics and focus areas for the current year. Attachments None. Information about the bike share system is available on the following site: https://www.bendoregon.gov/services/parking/bike-share . Action Requested None. Information item.	Tobi Marx

BMPO TAC Meeting Agenda 2

11:45	7.	Member & Guest Roundtable	Time for TAC members to provide updates on current projects and planning efforts.	TAC Members
11:55	8.	Public Comment		Tyler Deke
11:57	9.	Next TAC Meeting	The next meeting of the BMPO TAC is scheduled for August 7, 2024, at 10:00 a.m.	Tyler Deke
12:00	10	. Adjourn		Tyler Deke



Accommodation Information for People with Disabilities

To obtain this information in an alternate format such as Braille, large print, electronic formats, etc., please contact Kelli Kennedy at kkennedy@bendoregon.gov or 541-693-2122. Relay Users Dial 7-1-1.

Meeting Summary



BMPO Technical Advisory Committee

Location: Board Room, Bend City Hall

710 NW Wall, Bend, Oregon

Date: June 5, 2024

Time: 10:00 a.m.

Prepared by: ABC Transcription Services, LLC.

In Attendance

TAC Voting Members

Sharon Smith, Bend-La Pine Schools (BLS)
Henry Stroud, Bend Park and Recreation District (BPRD)
Susanna Julber, City of Bend
Eric Lint, Cascade East Transit (CET)
James Dorofi, Citizen Representative
Brian Potwin, Commute Options
Tarik Rawlings, Deschutes County
Dave Thomson, Deschutes County BPAC
Ken Shonkwiler, ODOT Region 4
Casey Bergh, OSU Cascades

TAC Non-Voting Members

Angie Brewer, Department of Land Conservation & Development (DLCD) Tyler Deke, MPO Manager

BMPO Staff and Other Attendees

Andrea Napoli, BMPO Senior Planner Kelli Kennedy, BMPO Staff Joel McCarroll, DKS Associates Aaron Berger, DKS Associates Quinn Keever, BPRD

Agenda Items

1. Call to Order and Introductions

Mr. Deke called the meeting to order at 10:03 a.m., with a quorum established.

2. Hybrid Meeting Guidelines

Mr. Deke reviewed the meeting guidelines.

3. Public Comment

None.

4. Meeting Summary

Materials referenced: May 1, 2024, TAC draft meeting summary (Attachment A)

Motion 1: Henry Stroud moved to approve the May 1, 2024, Technical Advisory Committee draft meeting summary as presented. Eric Lint seconded the motion which passed unanimously.

5. MTP Update: Draft Financially Constrained Project List

Materials referenced: Draft Financially Constrained Project List & Prioritization Memo (Attachment B)

Aaron Berger, DKS Associates, presented an update via PowerPoint on the 2045 Metropolitan Transportation Plan (MTP). Key highlights included a review of project objectives, funding projections and selection of the financially constrained project list broken down by jurisdiction, as well as financially constrained totals including a revision of the Colorado Avenue Project C-6, which the TAC discussed. DKS would move forward with the assumption the TAC supported keeping just Phase 1 of Project C-6 and pushing Phase 2 into the aspirational list.

He also presented the prioritization process, highlighting the funding breakdown excluding developer exactions, the results of a climate-friendly area (CFA) sensitivity scenario, and the prioritization outcomes of the near-term, mid-term, long-term, and development driven project lists as well as next steps.

Questions from the Committee were addressed as follows:

- DKS would follow up on whether the new SDC methodology was used to determine the estimated \$654.5 million in revenue.
- Park District projects were not currently included in the final plan, but DKS would follow up, as the matter could be discussed.
- Staff's past projections had ended up being rather accurate.
- It was assumed building out would occur toward the center of town where the CFAs were located. Future CFA areas were not factored into current models. The CFA test was done as an exercise.
- MTP 2045 was indeed the new plan being worked on.
- The greater area between 3rd Street and US 97 was probably a better example than the Central Westside of where to apply the logic for active transportation modes.
- The sensitivity analysis did inform the prioritization which ended up impacting only four or five projects in deciding which to include in mid-term projects and which to push to long-term.

6. STBG Funding Update

Materials referenced: STBG Funding Update Memo (Attachment C)

Andrea Napoli updated via PowerPoint on the Surface Transportation Block Grant (STBG), highlighting the background, MPO uses of STBG funds, and the recent history regarding STBG funds now being provided to the MPO as State Highway Funds (SHF) after the passing of House Bill 2021. The new SHF funding allocations were 12 to 18 percent lower than the STBG amounts.

This winter Staff realized the MPO would be able to fully fund all awarded projects and programs and continue to fund MPO reserves, planning, and staffing by putting the reconciliation amount with ODOT into MPO's available funds, subtracting the 10 percent exchange fee, which no longer applied, from all STBG awards, and due to the decreased Streets budget since the City of Bend assumed the funding would come as federal dollars. For the next Metropolitan Transportation Improvement Program (MTIP), the MPO would need to revisit how to distribute future SHF funds due to the decreased amount.

Questions from the TAC were addressed as follows:

- Ms. Napoli doubted eliminating the grant program funded through STBG would happen, although the decision would be up to the Board.
- Staff had not heard that larger grant programs like RTP, Community Paths, etc., would shift from federal to state dollars. The issue in the future would be the HB 2021 funding amount was being locked in unless the legislation was modified.
- A lot of SHF dollars were limited to projects in the right-of-way which would cause issues with the biggest impact being the MPO's ability to help fund multi-use trail projects.
- Some federal transportation programs were funded based on a formula. Population was a primary factor in how funds were distributed across the state.

7. Member & Guest Roundtable

<u>Deschutes County</u>: Mr. Rawlings said they were finalizing their CFEC exemption letter and would probably submit it within a week or so, noting a maximum population of 199 people was forecasted in the county areas of the urban growth boundary that were not yet annexed. He would let the TAC know how the review of the exemption went.

<u>CET</u>: Mr. Lint reported CET just launched its first bus routes in Redmond which were deviated flex routes and part of CET's plan to roll out more service to Redmond. CET started testing increasing frequency on the Community Connector between cities with Route 3 on the west side, and would evaluate the delays caused by traffic, as improving the frequency was a big goal for CET. Andrea Breault would leave CET at the end of June, and CET would post a job announcement shortly. CET expected a junior position as well, so there will be two job postings.

<u>BPRD</u>: Mr. Stroud announced Quinn Keever would replace him on the TAC, but he would still work with BPRD and Quinn. After considering adaptive reuse, the STBG-funded Gilchrist Bridge had returned to the original plan to do the 30 percent design for a full bridge replacement. Ms. Keever would provide a schedule update at the next meeting. The City had stepped up with immediate money to re-deck the bridge and do minor improvements to the structure.

Ms. Keever reported participating in the statewide household travel survey, noting the survey asked good questions and she was impressed by the technology. Tyler confirmed the end of the survey period was approaching, adding he could do another presentation to the TAC on the survey. One of the follow-up surveys was about to kick off, looking at the impacts of e-commerce on travel behaviors.

ODOT Region 4: Mr. Shonkwiler reported that the Land Use Board of Appeals (LUBA) hearing was held last week for the Lava Butte path and he would give a more detailed update after ODOT heard back from LUBA on June 24th. If the ruling was favorable, construction was still on pause due to funding needs. ODOT hoped to construct for next year. Currently the Federal Lands Access Program had \$5.8 million for

the project. More preliminary engineering (PE) and construction funding was still needed. He just started reworking the Revere Avenue rail-crossing project with the City.

<u>DLCD</u>: Ms. Brewer shared that DLCD's Commission would meet in Bend at the end of June. She would email information to the group about the agenda, mainly focused on water and housing, and participating in the meeting. She thanked Mr. Lint in advance for DLCD's request for help to get a bus to do a housing tour with Lynne McConnell.

Mr. Deke said he would send TAC members the dates for the Oregon Transportation Commission (OTC) September meeting in Bend.

8. Public Comment

None.

9. Next TAC Meeting

Mr. Deke asked if the next TAC meeting should be held July 3, 2024, at 10:00 a.m., as he had heard some people may not work on July 3rd. Staff would send out potential alternate meeting dates and times.

10. Adjournment

Mr. Deke adjourned the meeting at 11:25 a.m.



Accommodation Information for People with Disabilities

To obtain this information in an alternate format such as Braille, large print, electronic formats, etc., please contact Kelli Kennedy at kkennedy@bendoregon.gov or 541-693-2122. Relay Users Dial 7-1-1.

Cascades East Transit

Central Oregon Intergovernmental Council 334 NE Hawthorne Ave, Bend, OR 97701 cascadeseasttransit.com



Bus Stop Improvement Project

Cascades East Transit (CET) is launching a Bus Stop Improvement Project to visibly and materially improve the condition and utility of bus stops within Bend. The project was initially funded by the Bend MPO allocating \$300,000 to CET to obtain and install new shelters at key locations in Bend. CET now proposes expanding the scope of the project beyond shelters toward improving the standard of quality at *all* bus stops within the Bend MPO service area. This new part of the project does not yet have a funding source.

CET's network of bus stops was constructed over years to varying standards, with differing equipment, and periods of neglectful maintenance due to insufficient funds and personnel. This project seeks to standardize the equipment used, improve the ease of ongoing maintenance, and create a uniform design language making navigation easier for riders. By improving amenities and wayfinding elements, CET hopes to improve the overall rider experience.

This project seeks to establish a firm foundation for quality transit while other elements of CET's 2040 Transit Master Plan are pursued, such as improved frequency. The below elements are suggested for inclusion in this project. However, the final and precise elements used will be the product of a public input and prioritization process, combined with the necessities of government procurement rules.

The CET bus network in Bend currently includes 216 bus stops. This project will touch every single stop, but the most intensive work will affect roughly one-third to half of the stops in Bend.

Benches

CET last went through a round of installing furniture at stops more than 5 years ago. That past process left several key locations unimproved and underserved – to the extent that the public started bringing their own furniture to CET bus stops! Kitchen chairs and cinder blocks at stops have garnered the attention of local media and comments on social media. CET's goal is to build on past work and ensure at least one-third of stops have seating available.

This element may require enlarging concrete pads at certain stops.

Flag signs

Existing flag signs at stops use an overlay sticker on top of Bend Area Transit signs that are almost 20 years old. Most are faded and do not readily convey route information. Newly designed flag signs will introduce clear, colorful branding making stops stand out as bus stops, with large route labels that are easier to identify at a glance.

Schedules

Existing schedule holders are a mix of types placed with little coherent reason and information that has not been updated in years. This project will ensure that all stops are equipped with quality, up-to-date information inside durable holders appropriate to each bus stop. Nearly a third of stops will need to have the schedule holders replaced.

Signposts and miscellaneous hardware

Several bus stops in Bend lack permanent signposts and continue to use temporary, above surface posts. These line items will ensure that all stops are properly equipped with permanent fixtures and attendant items needed to complete a functional bus stop. Only hardware is included in these estimates.

Bus stop pad/site rehabilitation

Most stops in the CET network will need concrete work to enlarge the site before adding benches. Others require ADA improvements (boarding zone) or concrete work to install signposts.

Real-time signage (RTS)

CET recently completed procurements for Automatic Vehicle Locators and a new system providing GTFS-RT feeds – the building blocks for providing live updates to riders. CET expects the bulk of RTS to be deployed as mobility hubs are built, however, a pilot using interactive kiosk-style signage is appropriate. These may be developed in partnership with the City of Bend and include information and wayfinding beyond CET's transit system.

As part of this project, CET will be building standards and specifications for hardware used at bus stops. Protocols for maintenance will be established with personnel assigned to regularly inspecting bus stop facilities. And members of the public will be involved every step of the way through both CET's Regional Public Transit Advisory Committee and direct outreach specific to this project.

Rough cost estimates are included on the next page.

CET Bus Stop Improvement Project

Projected costs, Bend only

		Overal	l project cost	\$	2 57,275
Project	Qty	Exped	cted unit cost	Ехр	ected total cost
Bus stop bench, small	75	\$	275.00	\$	20,625.00
Bus stop flag sign improvements	250	\$	55.00	\$	13,750.00
Bus stop schedule holder improvements	100	\$	254.00	\$	25,400.00
Bus stop signposts	50	\$	150.00	\$	7,500.00
Bus stop miscellaneous hardware		\$	10,000.00	\$	10,000.00
Bus stop pad/site rehabilitation		\$	60,000.00	\$	60,000.00
Real-time signage	4	\$	30,000.00	\$	120,000.00

7/01/2024 Covid Funding Proposal to the Bend MPO

PLANNING/DESIGN REQUEST

Bend-La Pine Schools (BLS) seeks \$50,000 for planning and design of a pedestrian/bike multi-use path that would connect north from High Desert Middle School (HDMS) to Ferguson road and ultimately the new central library as the South East Area Plan (SEAP) develops. The path would extend south to HDMS and to the southern boundary of BLS property. BLS will coordinate with Bend Metropolitan Parks and Recreation District (BMPRD) to extend the path to the south all the way to Knott Road.

In the future, the path would extend west along the future Caldera Collector to 15th street and Caldera High School as the SEAP properties develop. The SEAP design for Caldera Road includes a multi-use path.

The city is in the process of constructing a sewer pump station and gravity/pressure line in collaboration with BLS. BLS is providing easements for the pump station, sewer lines and construction staging at HDMS. This work will facilitate the multi-use path design and development as the area will be cleared, graded and much of the survey work has been done.

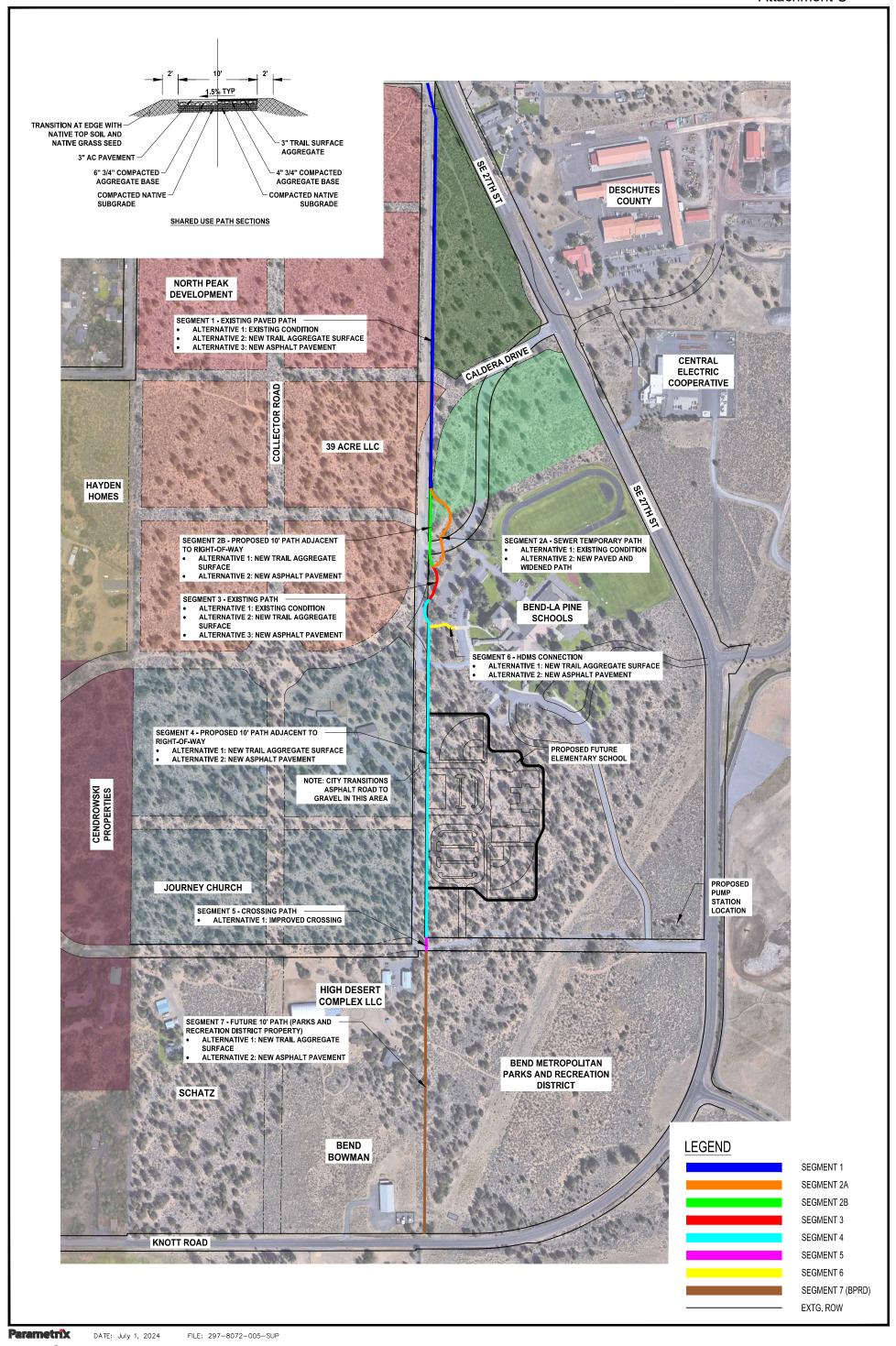
The attached exhibit shows a possible alignment of the path along BLS property and BMPRD property. There are design alternatives that need to be evaluated, including: alignment of the path, topography, type of surface (trail aggregate/asphalt), and others. This multi-use path may be temporary until the Southeast area fully develops. However, that could be 5-15 years or longer. The grant funds would be used to develop a design in collaboration with the city, BMPRD and surrounding property owners to evaluate alternatives and pay for engineering design and land use/permitting.

This multi-use path will have a regional benefit, providing alternative transportation for walkers/cyclists to the library, schools and those who prefer not to travel along the busy roads along Knott and 27th where there is inadequate right of way, high speeds and fast traffic.

CONSTRUCTION FUNDING REQUEST

In addition to the Planning and Design request, BLS seeks additional funding to construct key segments of the path. The HDMS Shared Use Path Exhibit shows the different segments of the path, and the current conditions and alternatives. Some segments of the path exist, although they are older and need renovating. Also attached are spreadsheets providing the cost estimates for different segments of the path. In order to get the greatest connectivity, asphalting Segment 4 would provide a path all the way from the school to the southerly boundary of BLS property. This would be a new segment of the path in the area that the city sewer project will already be clearing, gravelling and using as a construction access. The Class 4 Cost Estimate is \$217,900 to \$466,800. BLS requests \$220,000.

Alternatively, or in addition, BLS requests funds to asphalt Segment 2A. The city sewer project will be constructing a temporary gravel path for this Segment because the existing path is in the sewer alignment. While this temporary path connection could remain, it would be preferable to have this Segment improved with Asphalt. The Class 4 Cost Estimate is \$71,600 to \$153,700. BLS requests \$75,000.





			red Use Path	. 0	1 0 1				
		Concept-Level Construction	n Cost Estimate						
Segment	Alternative	Improvements			rnative ection	Alteri	native Cost	Cons	struction Tota
	1	Existing Condition		Υ	′ES	\$	-	\$	
1	2	New Trail Aggregate Surfacing			NO	\$	158,230	\$	
	3	New Asphalt Pavement			NO	\$	190,240	\$	
	2A - 1	Existing Condition		ı	NO	\$	-	\$	
2A/2B	2A - 2	New Paved and Widened Path		Υ	ÆS	\$	48,610	\$	48,61
27 (721)	2B - 1	New Trail Aggregate Surfacing			NO	\$	29,670	\$	·
	2B - 2	New Asphalt Pavement		ı	NO	\$	63,170	\$	
	1	Existing Condition		Y	ÆS	\$	-	\$	
3	2	New Trail Aggregate Surfacing			NO	\$	14,980	\$	
	3	New Asphalt Pavement			NO	\$	18,010	\$	
4	1	New Trail Aggregate Surfacing			NO	\$	120,470	\$	
4	2	New Asphalt Pavement			NO	\$	148,150	\$	
5	1	Improved Crossing			NO	\$	8,820	\$	
0	1	New Trail Aggregate Surfacing			NO	\$	9,060	\$	
6	2	New Asphalt Pavement			NO	\$	11,130	\$	
7	1	New Trail Aggregate Surfacing			NO	\$	97,880	\$	
7	2	New Asphalt Pavement			NO	\$	120,370	\$	
			MATI	ERIALS	AND LA	BOR S	UBTOTAL	\$	48,700
	ADDITION	AL CONST. COSTS	TYPICAL	PERC	ENTAGE				COST
		Construction Surveying	1.0-2.5%	1	.8%			\$	900
		Temporary Traffic Control	12.0-20.0%	5	.0%			\$	2,500
		Mobilization	8.0-10.0%	10	0.0%			\$	4,900
		Erosion Control	0.5-2.0%	0	.5%			\$	300
		Contigency	30-40%	40	0.0%			\$	19,500
		Escalation (compounded annually)	1.0-4.0%	4	.0%			\$	1,900
			Design Year	2	024	•			
		C	onstruction Year	2	025				
					CONST	RUCTIO	ON TOTAL	\$	78,700
			Class	4 Estima	ate Range		-30%	\$	(23,700
							+50%	\$	39,400
		Construction Sub-			55,000		to	\$	118,100
		Planning & Engineering	15%	\$	8,300		to	\$	17,800
		Permitting & Costruction Services	15%	\$	8,300		to	\$	17,800
		PRO	JECT RANGE	\$	71,600		to	\$	153,700

		HDMS Share	d Use Path				
		Concept-Level Construction	Cost Estimate	e - Segment 4			
Segment	Alternative			Alternative Selection	Alternative Cost	Con	atmention Tata
Segment		Improvements					struction Total
1	1 2	Existing Condition		YES	\$ - \$ 158,230	<u>\$</u> \$	
'	3	New Trail Aggregate Surfacing New Asphalt Pavement		NO NO	\$ 190,240	э \$	•
	3	New Aspiral Pavement		NO	\$ 190,240	Φ	
	2A - 1	Existing Condition		YES	\$ -	\$	
2A/2B	2A - 2	New Paved and Widened Path		NO	\$ 48,610	\$	
	2B - 1	New Trail Aggregate Surfacing		NO	\$ 29,670	\$	
	2B - 2	New Asphalt Pavement		NO	\$ 63,170	\$	
	1	Existing Condition		YES	\$ -	\$	
3	2	New Trail Aggregate Surfacing		NO	\$ 14,980		
	3	New Asphalt Pavement		NO	\$ 18,010	\$	
4	1	New Trail Aggregate Surfacing		NO	\$ 120,470	\$	
4	2	New Asphalt Pavement		YES	\$ 148,150	\$	148,150
5	1	Improved Crossing		NO	\$ 8,820	\$	
	1	New Trail Aggregate Surfacing		NO	\$ 9,060	\$	
6	2	New Asphalt Pavement		NO	\$ 11,130	\$	
7	1	New Trail Aggregate Surfacing		NO	\$ 97,880		
,	2	New Asphalt Pavement		NO	\$ 120,370	\$	
			MATE	ERIALS AND LA	BOR SUBTOTAL	\$	148,200
	ADDITION	IAL CONST. COSTS	TYPICAL	PERCENTAGE			COST
		Construction Surveying	1.0-2.5%	1.8%		\$	2,700
		Temporary Traffic Control	12.0-20.0%	5.0%		\$	7,500
		Mobilization	8.0-10.0%	10.0%		\$	14,900
		Erosion Control	0.5-2.0%	0.5%		\$	800
		Contigency	30-40%	40.0%		\$	59,300
		Escalation (compounded annually)	1.0-4.0%	4.0%		\$	5,900
			Design Year	2024			
		Co	onstruction Year	2025			
				CONSTI	RUCTION TOTAL		239,300
			Class	4 Estimate Range	-30%	\$	(71,800
					+50%	\$	119,700
		Construction Sub	_		to	\$	359,000
		Planning & Engineering	15%	\$ 25,200	to	\$	53,900
		Permitting & Costruction Services	15%	\$ 25,200	to	\$	53,900
		PRO	JECT RANGE	\$ 217,900	to	\$	466,800

City of Bend Cooley Road Sidewalk Project

City of Bend crews would self-perform construction of infill sidewalk on the south side of Cooley between the ODOT North Corridor Improvement and the existing sidewalk to east near Hunters Circle. The estimated cost is \$60,000.

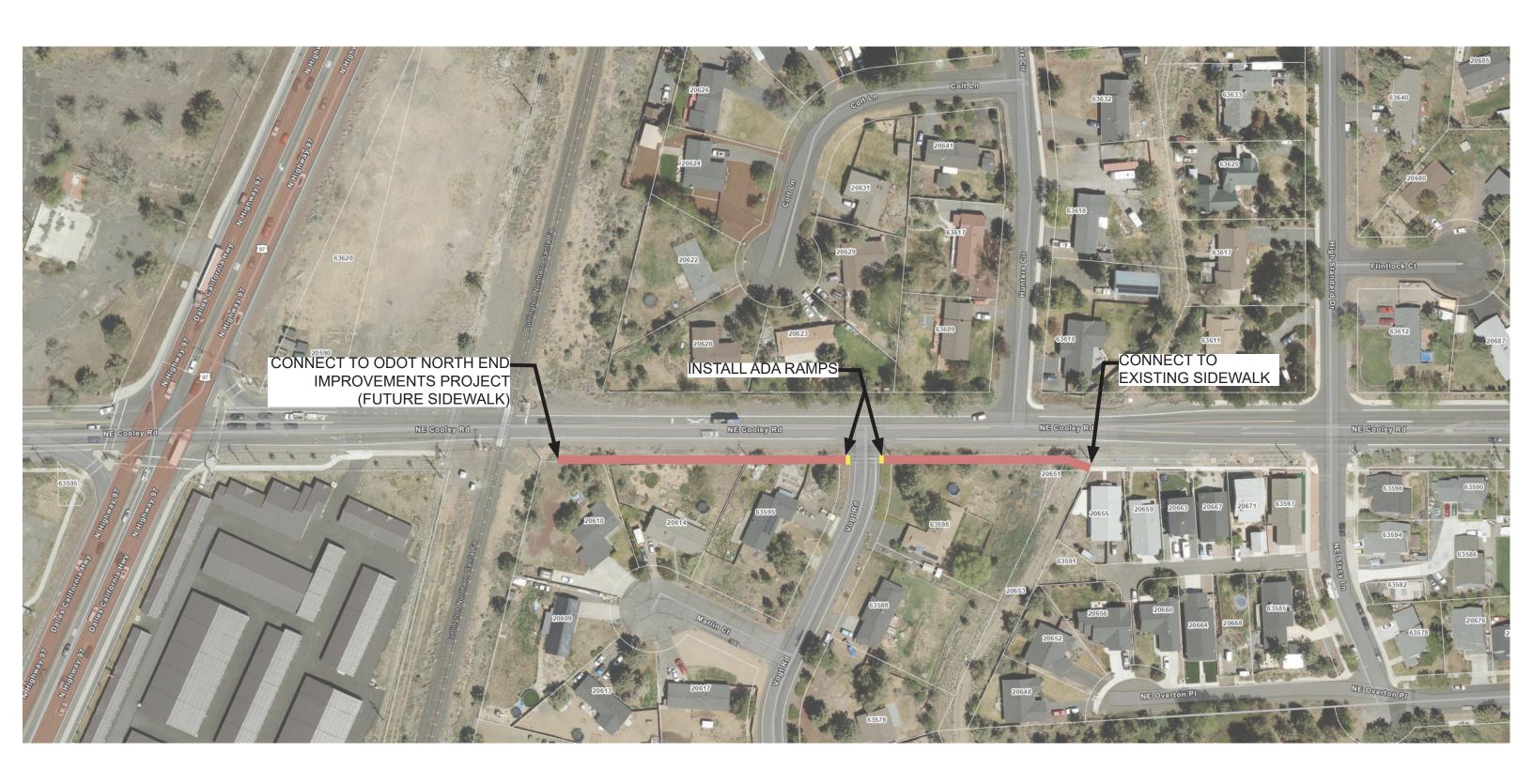
The new US 97 alignment and BNSF Railroad are a barrier for alternative modes of travel to get west to the Cascade Village Shopping Center, Food 4 Less, Trader Joes, Lowes, Home Depot, Target, and the new Costco. The ODOT North Corridor Project is building numerous shared use paths. This infill sidewalk would provide connectivity for a large under-served area.







NE COOLEY ROAD PEDESTRIAN MOBILITY ENHANCEMENTS PROPOSED SIDEWALK CONNECTION WITH FUTURE ODOT SIDEWALK



COVID Relief Funding - 2024 Proposals Summary Available Funding: \$290,586.84

Agency	Proposal	Request
Cascades East Transit	Bus stop improvements (various)	\$257,275
Bend La Pine Schools	Multi-use path plan/design	\$50,000
	Multi-use path (4) construction	\$220,000
	Multi-use path (2A) construction	\$75,000
City of Bend	Cooley Rd sidewalk	\$60,000

Total \$662,275