# Rogue-Umpqua Bicycle and Pedestrian Corridor Master Plan

Needs Assessment & Design Concepts
Public Webinar | December 4<sup>th</sup>, 2024

## Agenda



Welcome and introductions



Project status and work completed



Overview of design concepts and Area Plans

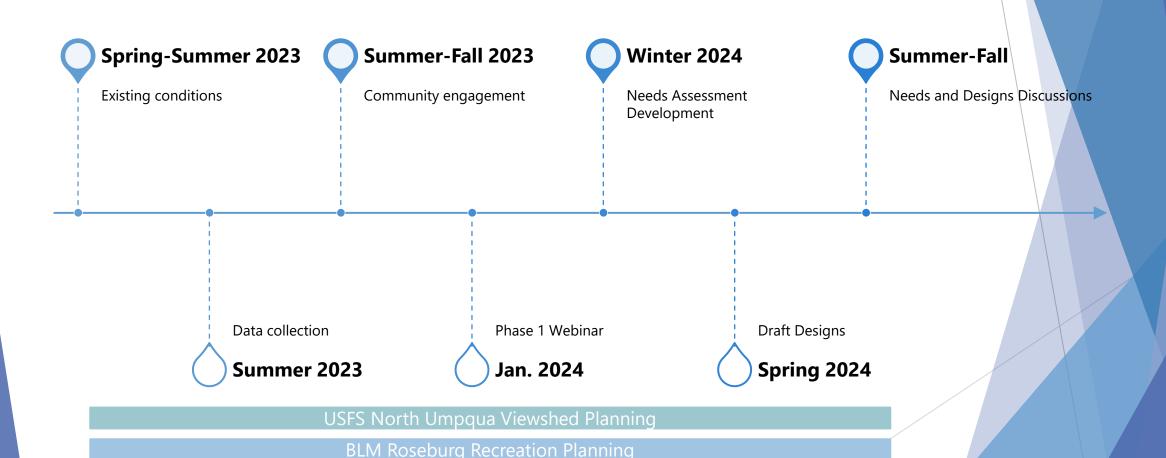


Walkthrough of identified needs & locations



Next steps & future opportunities for involvement

### **Project Status**





## Viewshed Planning for a Changed Landscape

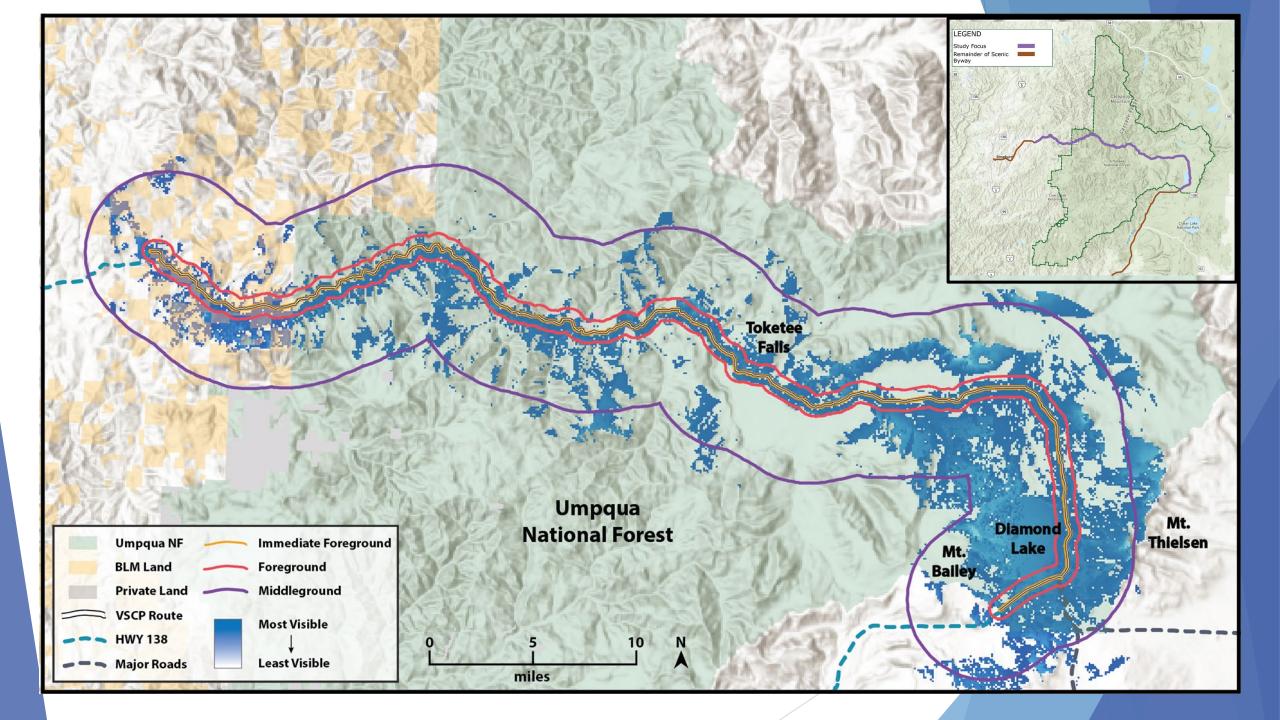
#### **GOALS**

- Document the corridor's existing visual condition
- Establish desired scenic conditions in the context of a highly transformed landscape
- Identify interagency management practices and specific actions which push the Corridor toward these desired conditions













# Bicycle and Pedestrian Needs

#### **Review**

- Conceptual Designs
- Area Plans
- Webmap of needs

#### **Discuss**

- Needs that are most important to users
- Any updates or clarifications to needs descriptions
- Specific agency priorities and funding opportunities

# Bicycle and Pedestrian Needs

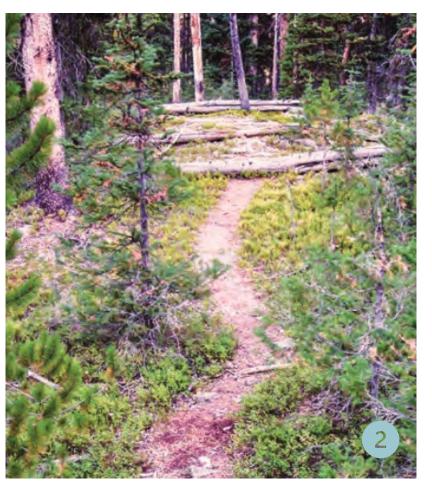
#### How did we develop these?

- Public workshops in Glide, Prospect, and Gold Hill
- Data collection and existing conditions research
- Focus group discussions
- Office hours over Summer 2024

#### What assumptions were made?

- Continuous trail system
- Capable of bicycle and pedestrian
- Separated from highway (1), shared use (2), alternate route (3)
- Connect major recreation destinations

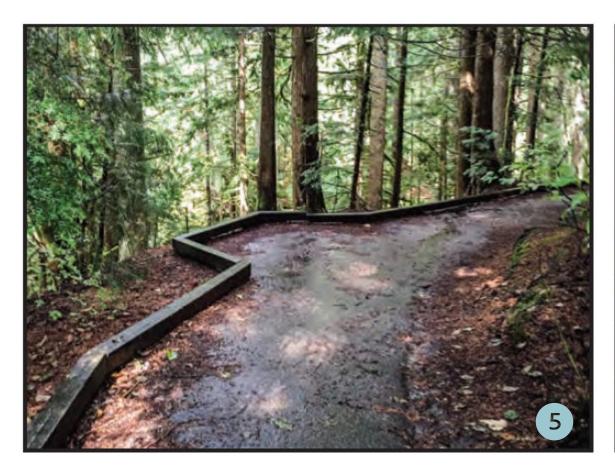




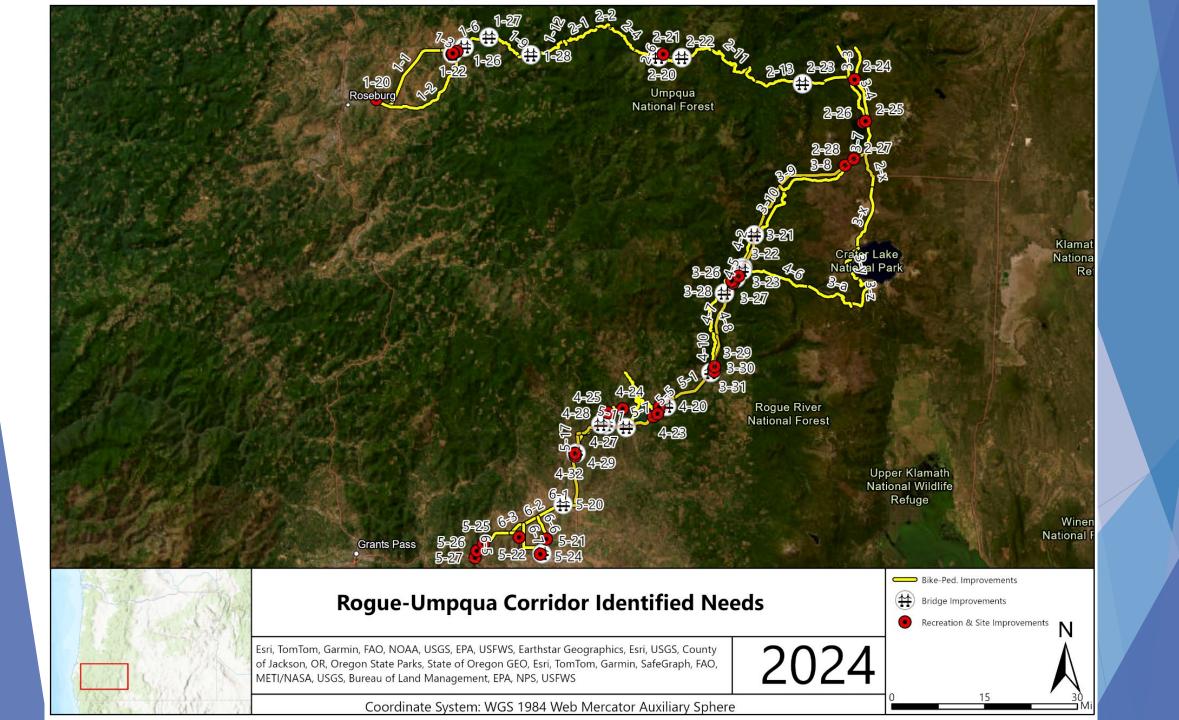










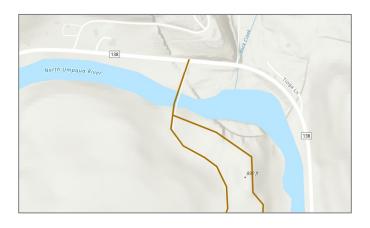


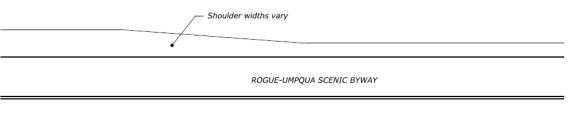
## Design Typical Sections

PROJECT SHEET NUMBER

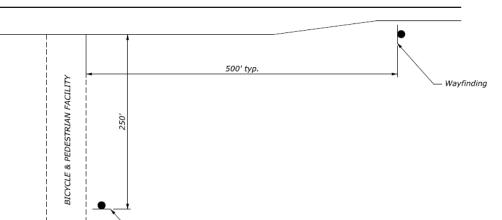
ROGUE-UMPQUA SCENIC BYWAY X.0

#### Example: Swiftwater





Wayfinding



#### NOTE:

- The locations of sign installation shown are approximate with exact locations to be determined in the field
- 2. Dimensions shown are generic. Adjust to fit site conditions.
- Recommended to repeat SIGNAGE on long stretches of highway or trails, and at or beyond major intersections as additional wayfinding.
- Refer to the Manual on Uniform Traffic Control Devices (MUTCD) for additional size and placement requirements of signs and striping.
- 5. Hiking Trail SIGNAGE shown per MUTCD. Also refer to OPRD RL-100 Hiking Signage.
- All improvements require approval by roadway authority.
- 7. All improvements require further study to understand potential impacts.
- All projects must include appropriate environmental and archaeological reviews including cultural surveys.

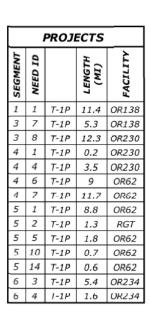
#### ROGUE-UMPQUA BICYCLE & PEDESTRIAN CORRIDOR PLAN

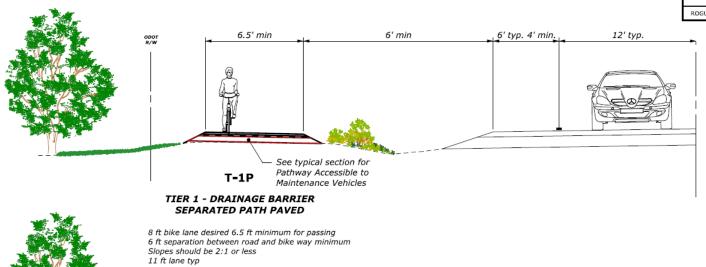
This drawing is conceptual and is not intended for construction Property lines and ownership, if shown, are based on online data from multiple sources and may not be accurate. NO SCALE

TYPICAL DIRECTIONAL SIGNAGE

PROJECT SHEET NUMBER

ROGUE-UMPQUA SCENIC BYWAY X.1





Aggregate

wearing course

#### NOTE:

- Trail may be narrowed due to site and right of way constraints.
   Trails narrower than 6' could require a design exception.
- 2. Shoulders less than 6' in width could require a design exception.
- 3. All improvements require approval by the roadway authority.
- 4. A barrier or rail is recommended if: The slope between 1V:3H and 1V:2H with a vertical drop greater than 6' or parallel body of water or other substantial obstacle) OR - the slope is between 1V:2H and 1V:1H with a drop of greater than 4' OR - the slope is steeper than 1V:1H with a drop of 1' or greater (See AASHTO Guide for Planning, Design, and Operation of Pedestrian Facilities, p3-19)
- 5. Rogue Gorge Trail (RGT) Diamond Lake Highway (DLH)

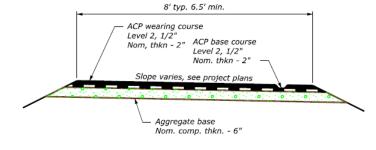
#### T-1U

Aggregate base Nom. comp. thkn. - 6"

#### TIER 1 - DRAINAGE BARRIER SEPARATED PATH UNPAVED

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PROJECTS				
SEGMENT	NEED ID		LENGTH (MI)	FACILITY
3	1	T-1U	3.9	OR138
3	6	T-1U	4.1	OR138
3	11	T-1U	3.3	OR62
3	12	T-1U	2.1	OR62
3 3 3	1 6 11	T-1U T-1U	3.9 4.1 3.3	OR13 OR13 OR62



PATHWAY ACCESSIBLE TO MAINTENANCE VEHICLES

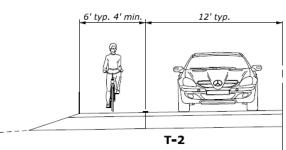
#### **ROGUE-UMPQUA BICYCLE & PEDESTRIAN CORRIDOR PLAN**

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TYPICAL SHOULDER IMPROVEMENTS TIER 1

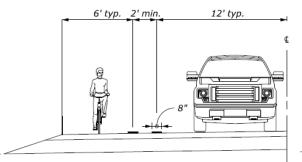
PROJECT	SHEET NUMBER	
GUE-UMPQUA SCENIC BYWAY	X.2	

PROJECTS					
SEGMENT	NEED ID		LENGTH (MI)	LENGTH (MI) FACILITY	
1	2	T-2	14.3	Buckhorn Road	
1	3	T-2	1.4	OR138	
1	5	T-2	0.7	_ OR138	
1	6	T-2	3.3	OR138	
2	3	T-2	0.3	OR138	
4	5	T-2	1.5	OR230	
5	11	T-2	2.6	OR62	
5	12	T-2	0.7	OR62	
5	13	T-2	3.3	Elk Creek Road	
5	15	T-2	1.9	OR62	
5	16	T-2	0.7	OR62	
5	19	T-2	1.4	Old Ferry Road	
5	20	T-2	6.3	_ OR62	
6	1	T-2	1.4	OR62	
6	2	T-2	5.3	OR234	
6	6	T-2	4.5	Antioch Road	
6	7	T-2	5.3	Table Rock Road	
6	8	T-2	2.3	Tresham Lane; Wheeler Road	



#### TIER 2 - SHOULDER BIKE-PED PATH EXTENDING EXITING SHOULDER

- 4-inch solid white stripe no buffer
- 6 ft minimum bike lane desired (8 ft shoulder recommended)
- 4 ft bike lane in select locations with limitations or obstacles 12 ft lane typ

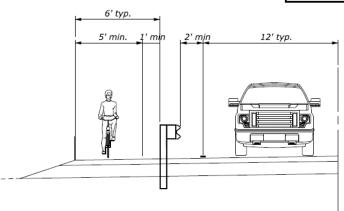


#### NOTE:

- Trail may be narrowed due to site and right of way constraints.
   Trails narrower than 6' could require a design exception.
- 2. Shoulders less than 6' in width could require a design exception.
- Trails outside of guardrail should include shin protectors.
- 4. All improvements require approval by the roadway authority.
- 5. A barrier or rail is recommended if: The slope between 1V:3H and 1V:2H with a vertical drop greater than 6' or parallel body of water or other substantial obstacle) OR - the slope is between 1V:2H and 1V:1H with a drop of greater than 4' OR - the slope is steeper than 1V:1H with a drop of 1' or greater (See AASHTO Guide for Planning, Design, and Operation of Pedestrian Facilities, p3-19)

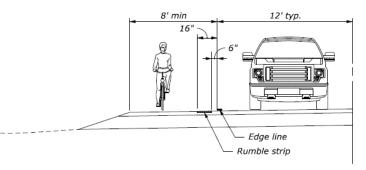
#### TIER 2 - BUFFERED SHOULDER BIKE-PED PATH

8-inch solid white stripe as buffer 6 ft minimum bike lane (8 ft shoulder recommended) 4 ft desired buffer with 2 ft minimum Total bike lane and buffer width to be 8 ft 12 ft lane typ



#### TIER 1 - GUARDRAIL OR CONCRETE BARRIER SEPARATED PATH EXTENDING OUTSIDE SHOULDER

- 4-inch solid white stripe
- 6 ft bike lane desired (8 ft shoulder recommended)
- 5 ft minimum width to include 1 ft for shy distance
- 2 ft from face of rail to fog line minimum



#### TIER 2 - SHOULDER BIKE-PED PATH WITH RUMBLE STRIPS

4-inch solid white stripe - no buffer 6 ft bike lane desired, 4 ft minimum (8 ft shoulder recommended) 8 ft total distance for fog line and bike path, with rumble strip outside of the 6 ft bike path 12 ft gaps on 40 to 60 ft intervals in rumble strips is recommended

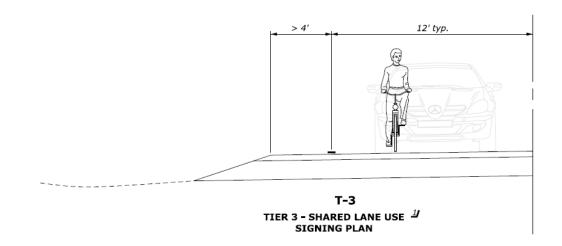
#### **ROGUE-UMPQUA BICYCLE & PEDESTRIAN CORRIDOR PLAN**

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TYPICAL SHOULDER IMPROVEMENTS TIER 2 VARIATIONS

PROJECT	NUMBER	
E-UMPQUA SCENIC BYWAY	X.3	

	PROJECTS					
SEGMENT	NEED ID		LENGTH (MI)	FACILITY		
1	11	T-3	1	OR138		
1	12	T-3	4.4	NUT		
2	6	T-3	0.5	NF-4750		
2	9	T-3	0.4	NF-4770		
3	2	T-3	4	Birds Point Road (NF 2610)		
3	3	T-3	4.1	NF-430		
3	4	T-3	6.4	NF-4792		
3	9	T-3	11.8	DLH		
3	10	T-3	8.1	NF-6530		
3	13	T-3	X.X	NF 2610,		
4	8	T-3	11	RGT		
4	9	T-3	3.6	Discovery OHV		



#### NOTE:

- 1. Shoulders less than 6' in width could require a design exception.
- All improvements require approval by the roadway authority.
- 3. A barrier or rail is recommended if: The slope between 1V:3H and 1V:2H with a vertical drop greater than 6' or parallel body of water or other substantial obstacle) OR - the slope is between 1V:2H and 1V:1H with a drop of greater than 4' OR - the slope is steeper than 1V:1H with a drop of 1' or greater (See AASHTO Guide for Planning, Design, and Operation of Pedestrian Facilities, p3-19)
- 4. Rogue Gorge Trail (RGT)
  Diamond Lake Highway (DLH)

#### FOOTNOTE:

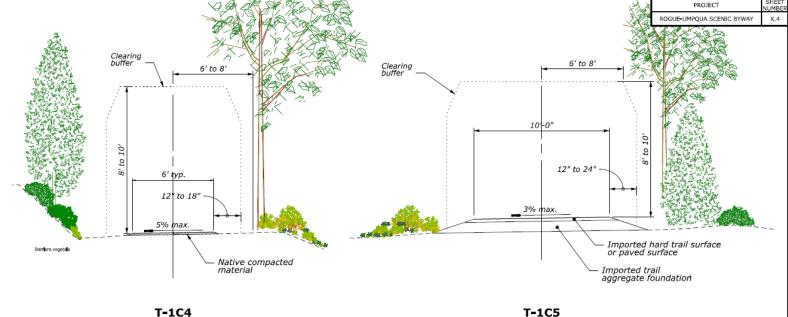
Shared lane markings are less preferred on roadways with speeds over 35 mph.

#### **ROGUE-UMPQUA BICYCLE & PEDESTRIAN CORRIDOR PLAN**

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TYPICAL SHOULDER IMPROVEMENTS TIER 3

PROJECTS					
SEGMENT	NEED ID		LENGTH (MI)	FACILITY	
1	7	T-1C4	0.7	BLM Trails	
1	8	T-1C4	0.9	BLM Trails	
1	9	T-1C4	5.7	NUT	
2	0	T-1C4	0.5	NUT	
2	1	T-1C4	5.5	NUT	
2	2	T-1C4	2.3	NUT	
2	4	T-1C4	4.6	NUT	
2	5	T-1C4	3.8	NUT	
2	7	T-1C5	0.6	OR138	
2	8	T-1C4	3.5	NUT	
2	11	T-1C4	8.4	NUT	
2	13	T-1C4	6.6	NUT	
2	14	T-1C4	2.5	OR138	
4	2	T-1C4	11.2	RRT	
4	3	T-1C4	0.8	OR230	
4	10	T-1C4	3.8	RGT	
5	3	T-1C4	10.7	NST	
5	4	T-1C4	3.9	NEW	
5	6	T-1C5	2.6	SST	
5	7	T-1C5	4.4	SST	
5	9	T-1C5	1.1	New	
5	18	T-1C4	5.8	OFR	



#### T-1C4

#### TIER 1 - USFS CLASS 4 **BIKE-PED PATH**

24" to 60" single lane 4' to 14' double lane 36" structures minimum

Native with improved sections and grading Protrusions are uncommon and ≤ 3" Obstacles ≤ 8"

Target Grade 2-8% Short Pitch Max 10% Match Pitch Density is 5-10% Trail

Target cross slope 3-5% or crowned Max Cross slope is 5%

Design Clearing 8'-10' Height 6'-8' Wide 12" to 18" shoulder clearance Radius 8' to 10'

#### NOTE:

- Trail may be narrowed due to site and right of way constraints. Trails narrower than 6' could require a design exception.
- Shoulders less than 6' in width could require a design exception.
- All improvements require approval by the roadway authority.
- A barrier or rail is recommended if: The slope between 1V:3H and 1V:2H with a vertical drop greater than 6' or parallel body of water or other substantial obstacle) OR - the slope is between 1V:2H and 1V:1H with a drop of greater than 4' OR - the slope is steeper than 1V:1H with a drop of 1' or greater (See AASHTO Guide for Planning, Design, and Operation of Pedestrian Facilities, p3-19)
- Rogue Gorge Trail (RGT) Rogue River Trail (RRT) North Umpqua Trail (NUT) North Shore Trail (NST) South Shore Trail (SST) Old Gerry Road (OFR)

#### Target Grade 2-5% Short Pitch Max 8%

#### Example: Clearwater & OR138



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NO SCALE

TIER 1 - USFS CLASS 5

**BIKE-PED PATH** 

36" to 60" single lane

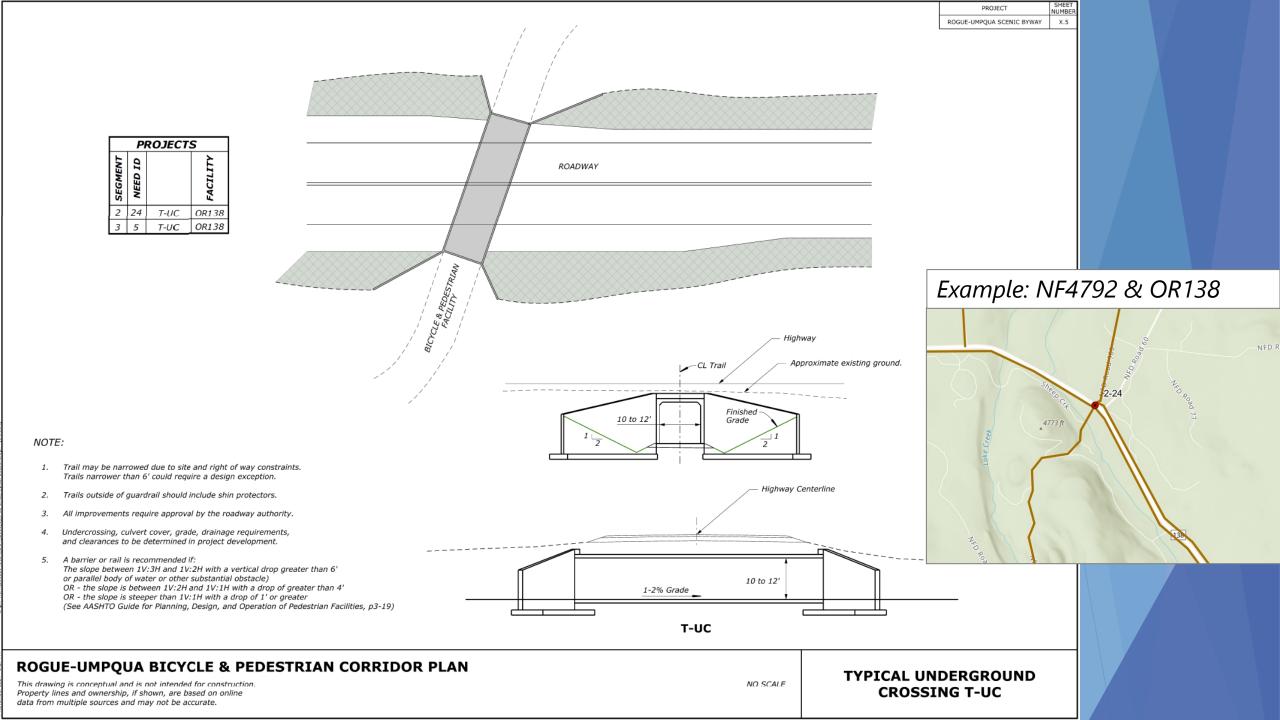
Imported material, Uniform, Stable

6' to 10' double lane 60" structures minimum

No Protrusions

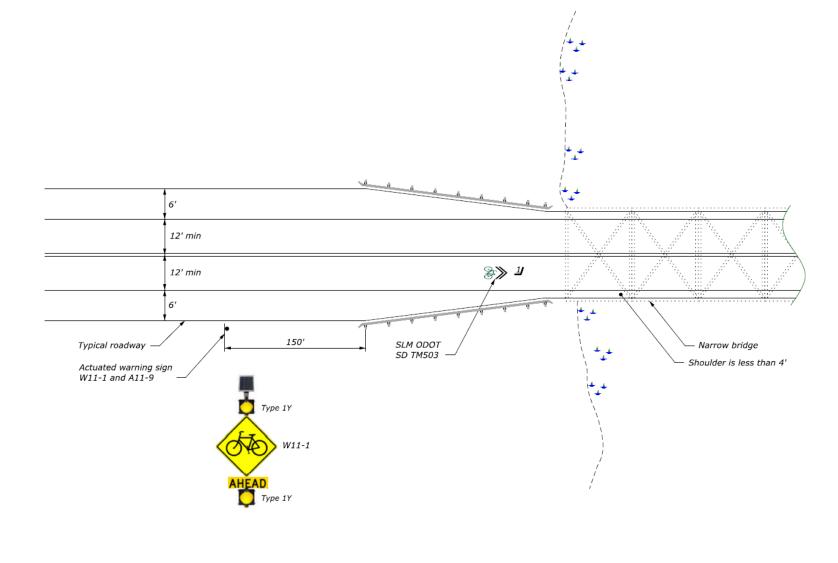
no Obstacles

**USFS TYPICAL TRAIL IMPROVEMENTS** T-1C4 AND T-1C5



PROJECT SHEET NUMBER

ROGUE-UMPQUA SCENIC BYWAY X.6



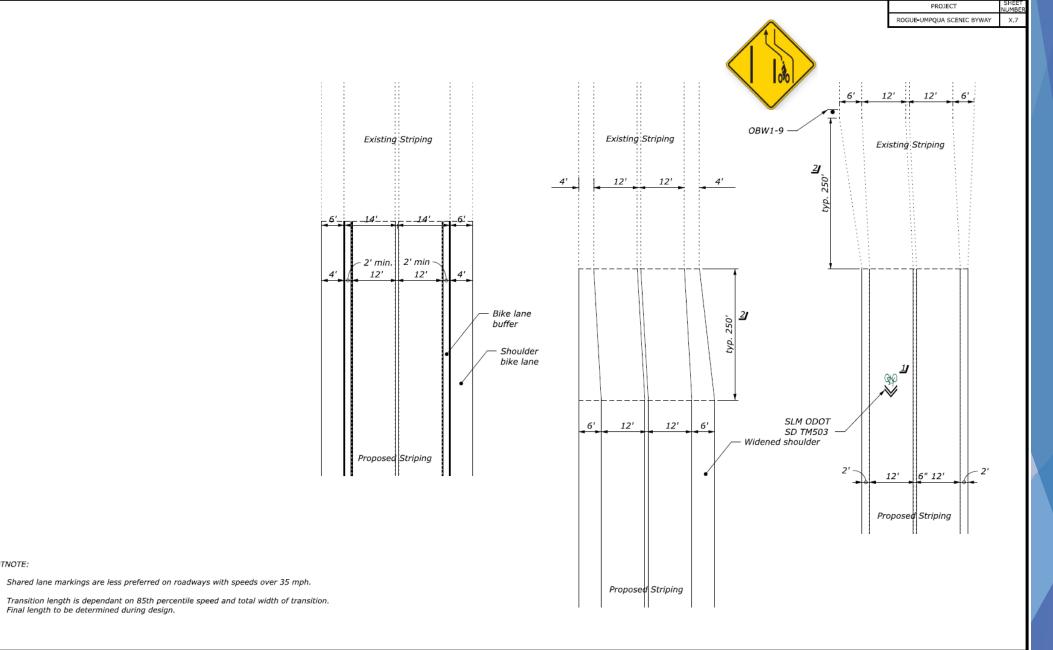
FOOTNOTE:

Shared lane markings are less preferred on roadways with speeds over 35 mph.

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TYPICAL NARROW BRIDGE STRIPING AND SIGNAGE



#### **ROGUE-UMPQUA BICYCLE & PEDESTRIAN CORRIDOR PLAN**

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Final length to be determined during design.

FOOTNOTE:

ROGUE-UMPQUA SCENIC BYWAY

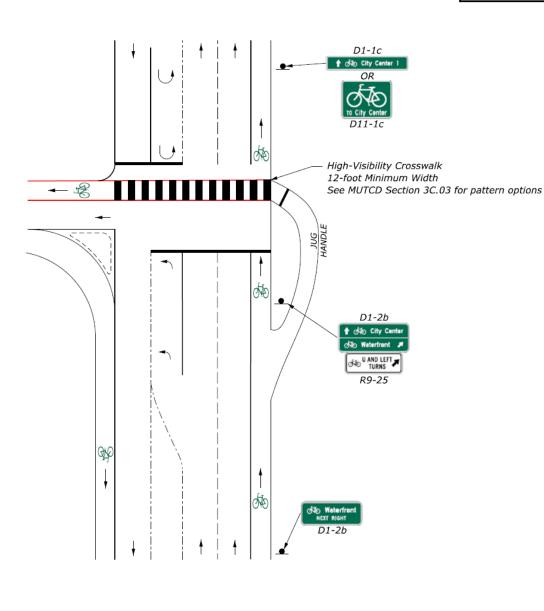
PROJECTS				
SEGMENT NEED ID			FACILITY	
1	21	T-CROSS	OR138	
1	24	T-CROSS	OR138	
1	25	T-CROSS	OR138	

### Example: Little River Rd & OR138

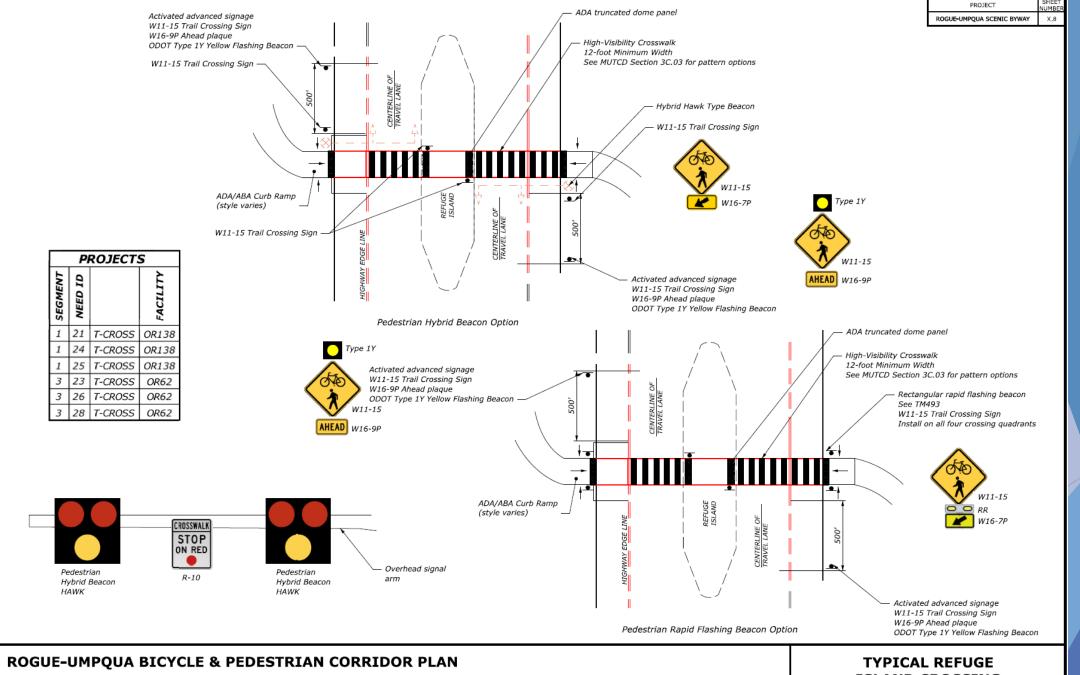


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**TYPICAL JUG HANDLE BIKE/PED CROSSING** NO SCALE **APPROACH** 

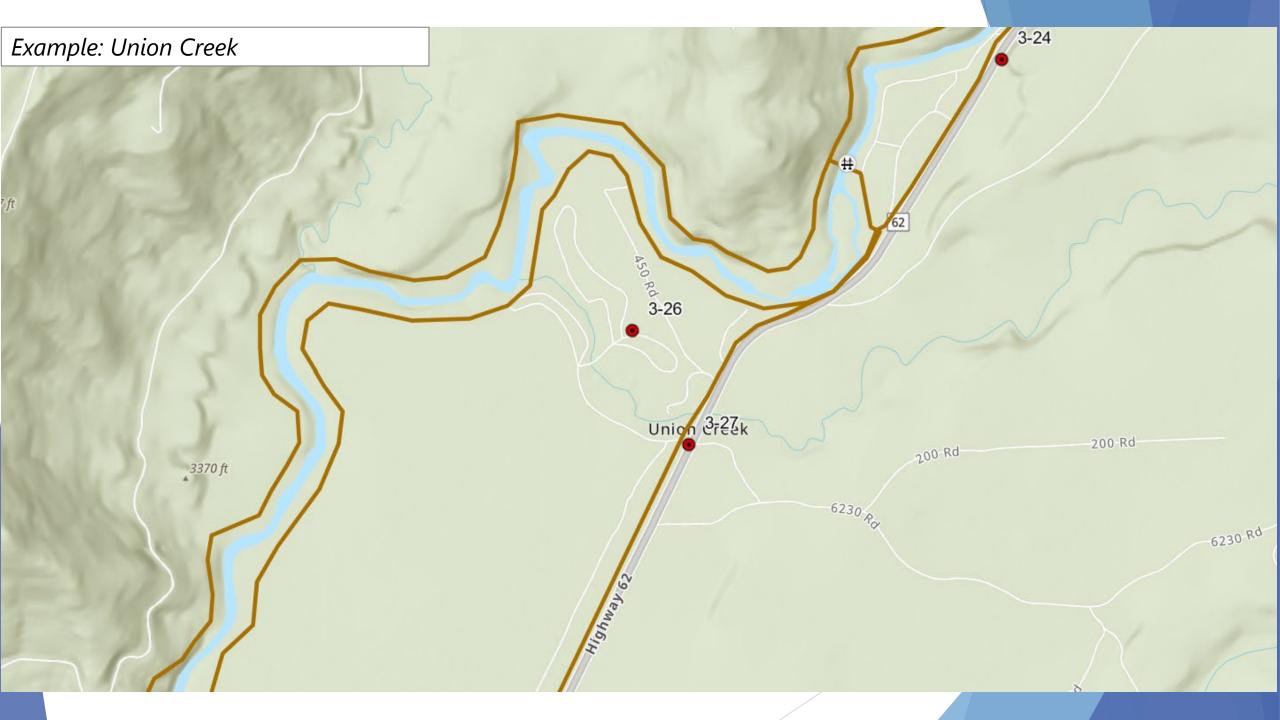


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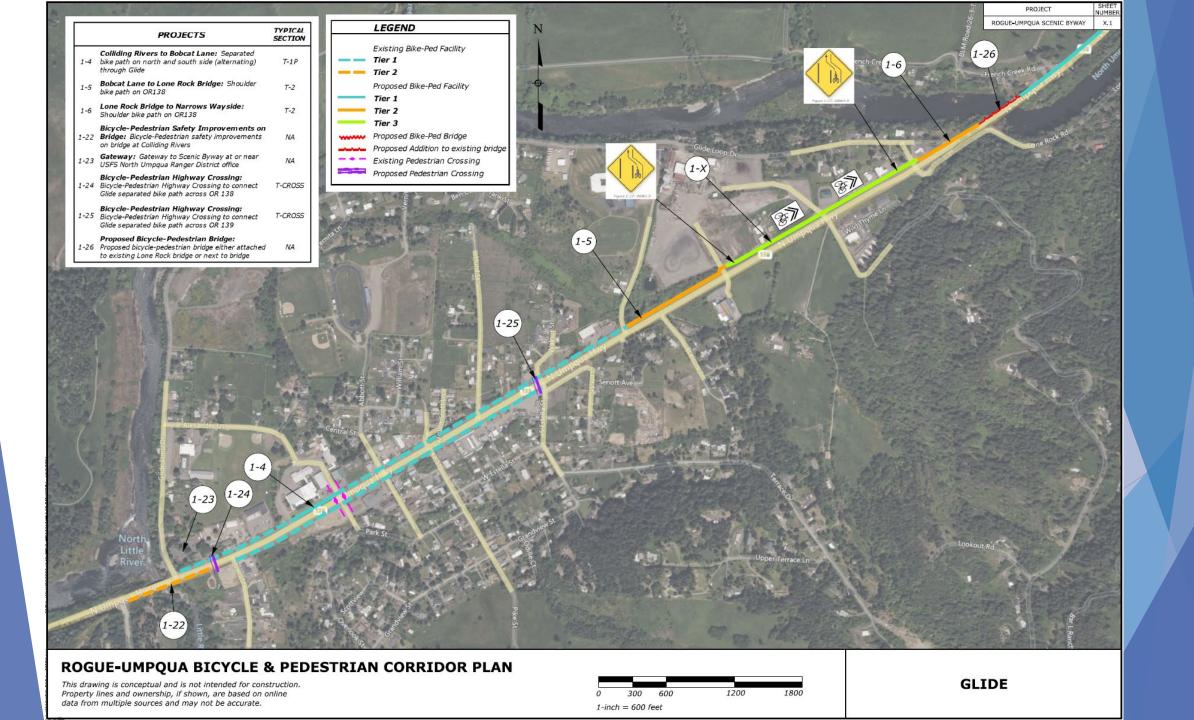
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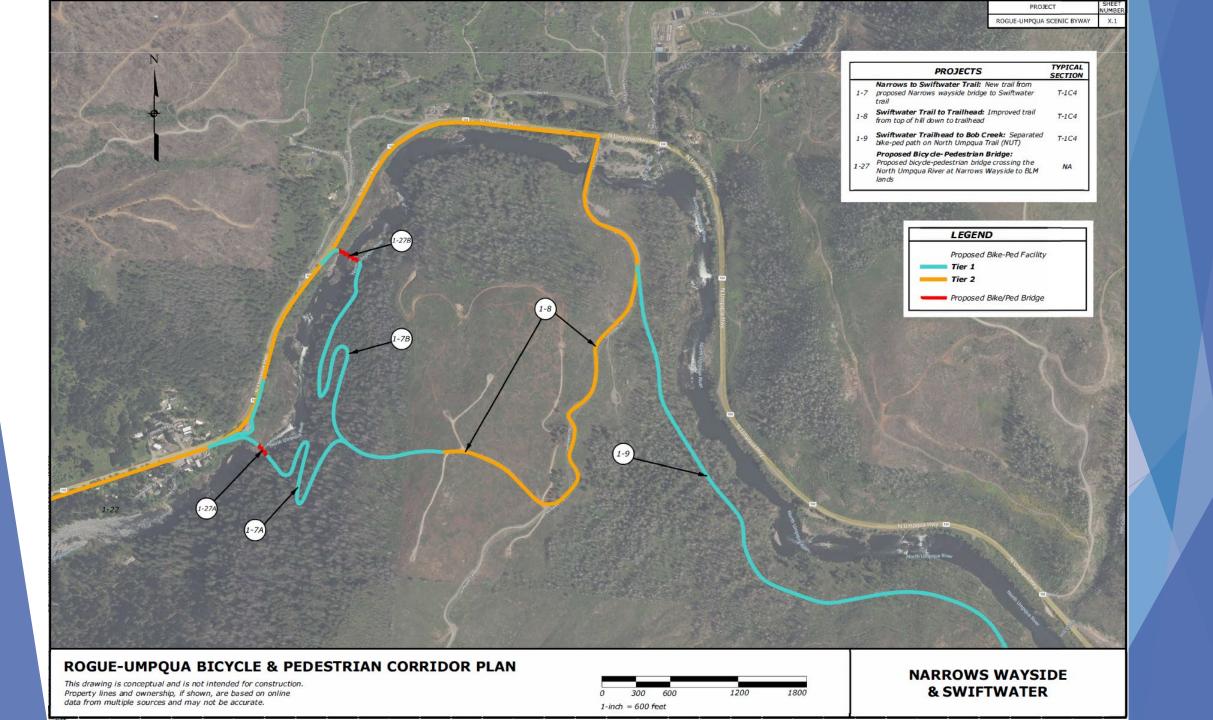
NO SCALE

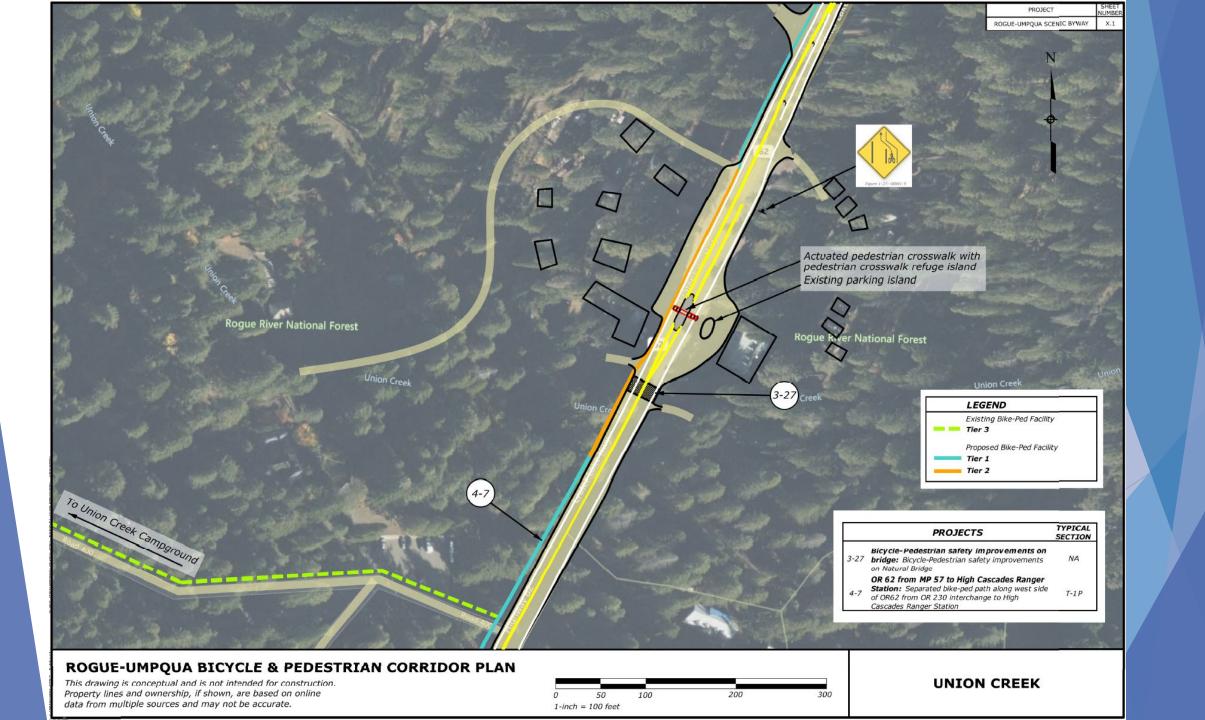
TYPICAL REFUGE
ISLAND CROSSING
T-CROSS

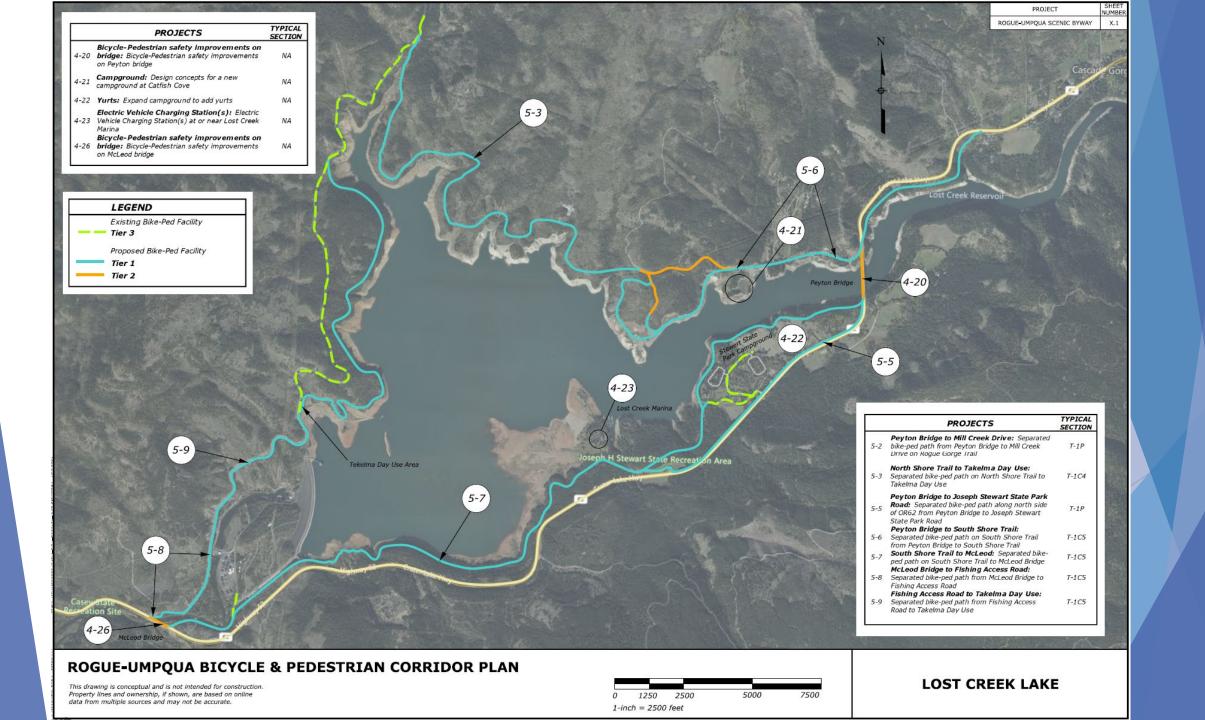


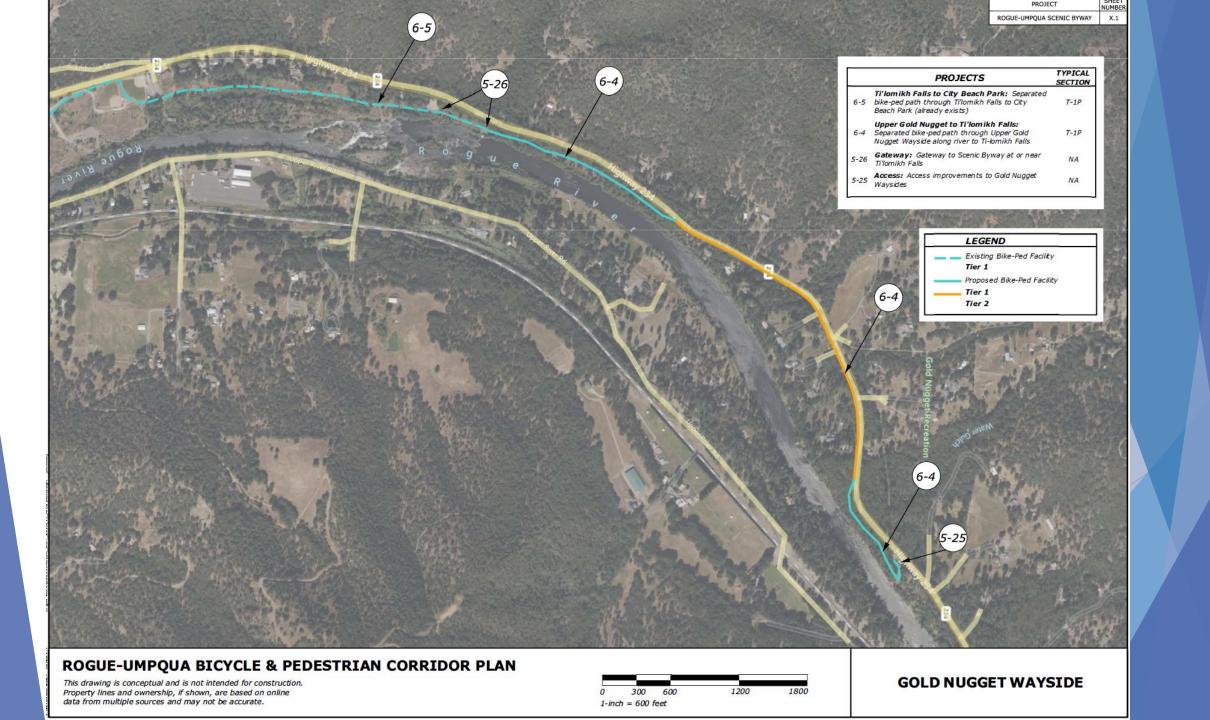
## Area Plans











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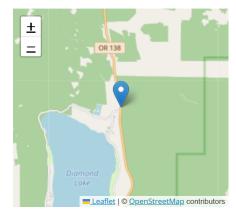
Traffic Alerts

#### Rogue-Umpqua Bicycle and Pedestrian Corridor Plan

Memo-3b Needs-Assessment May-2024 DRAFT.pdf (8.83 MB)

#### Introduction

The partner agencies of Oregon Department of Transportation (ODOT), US Forest Service (USFS), and FHWA Western Federal Lands (WFL) are coordinating a series of related transportation planning efforts along the Rogue-Umpqua National Scenic Byway between Roseburg and Gold Hill, Oregon. The corridor includes OR 138 from Roseburg to Diamond Lake, OR 230 to OR 62 from Diamond Lake to approximately Eagle Point, OR 234 from Eagle Point to Gold Hill. The 172-mile route connects the communities of Roseburg in the north and Medford and Grants Pass in the south to state and federal recreation sites in the Umpqua National Forest, Crater Lake National Park, and Rogue Siskiyou National Forest.



#### **Project Details**

Project Number: OR DOT 2018(1)

#### **Project Documents**

For a printable version of the information on this page, click the link below. As the project progresses, new documents and materials will be added here. Check back regularly for new documents.

- Needs Assessment (Memo 3b DRAFT)
- Provide your feedback on the draft Needs Assessment (Memo 3b) - comments will be accepted through June 15, 2024 🖪
- Printable Project Overview
- August 8th-10th Open House Posters
- August 8th-10th Open House Presentation
- **Engagement Strategy (Memo 1)**
- Existing Conditions (Memo 2)
- Demand Management Analysis (Memo 3a)
- Public Webinar (January 2024)

See: Project Website | Web map of Identified Needs

## Next steps and Future Engagement

- Conceptual Designs and Cost Estimates
   Memo (Draft Available in January!)
- Revisions to Identified Needs (Part 1)
- Open Houses
  - ▶ 1.28 Prospect Public Library
  - ▶ 1.29 Gold Hill Public Library
  - ▶ 1.30 Glide Community Center
- Revisions to Identified Needs (Part 2)
- ► Final Report (Spring 2025)

### Contacts

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Cheyne Rossbach | Assistant Field Manager - Resources BLM Roseburg District | <a href="mailto:crossbac@blm.gov">crossbac@blm.gov</a>