



BEND MPO
Metropolitan Planning Organization

Technical Advisory Committee Meeting

November 6, 2024

Call to Order & Introductions

Tyler Deke

Call to Order & Introductions

TAC Members

- Quinn Keever, Bend Park and Recreation District (BPRD)
- Sharon Smith & Paul Dean, Bend La Pine Schools (BLS)
- Susanna Julber, City of Bend
- Eric Lint, Cascades East Transit (CET)
- Greg Bryant, Citizen Representative
- James Dorofi, Citizen Representative
- Josh Clawson, Central Oregon Community College (COCC)
- Brian Potwin, Commute Options
- Tarik Rawlings, Deschutes County
- Neil Baunsgard, Deschutes County Bicycle and Pedestrian Advisory Committee (BPAC)
- Ken Shonkwiler, Oregon Department of Transportation (ODOT) Region 4
- Casey Bergh, Oregon State University-Cascades (OSU Cascades)
- Angie Brewer, Department of Land Conservation & Development (DLCD)*
- Jasmine Harris, Federal Highway Administration (FHWA)*
- Danielle Casey, Federal Transit Administration (FTA)*

BMPO Staff

- Tyler Deke, Manager*
- Andrea Napoli, Senior Planner
- Kelli Kennedy, Program Coordinator

Consultant Staff

- None

Members of the public, visitors, and presenters will be asked to introduce with name and entity.

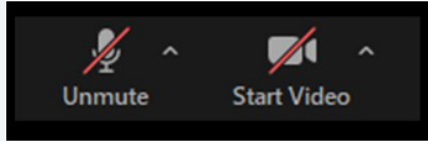
**Non-voting members.*

Hybrid Meeting Guidelines

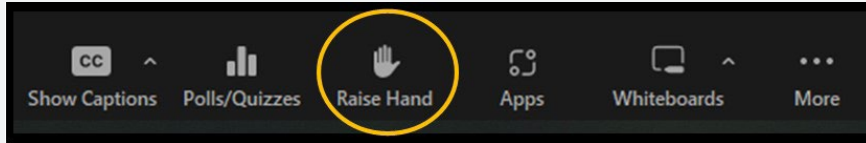
Tyler Deke

Hybrid Meeting Guidelines

- You will be on **mute**, and your **video** will be off when you first join the meeting.



- Please click the **raise hand** icon to speak next.



- If you join the webinar by phone, dial ***9** to raise or lower your hand.
- This meeting will be recorded and is available as a live streaming event on YouTube. The YouTube event can be reviewed on the City of Bend YouTube channel.

Public Comment

Tyler Deke

Public Comment

- Time for members of the public to provide comment.
- Additional time for public comment will be provided before the meeting adjourns.

Meeting Summary

Tyler Deke

Meeting Summary

- Review and approve September 4, 2024, draft meeting summary (Attachment A).
- Recommended language for motion: *I move approval of the September 4, 2024, Technical Advisory Committee draft meeting summary as presented.*

Deschutes County Transportation System Plan (TSP) & Tumalo Community Plan (TCP)

Tarik Rawlings, Deschutes County

Bend MPO TAC

Deschutes County's 2020-2040 Transportation System Plan (TSP) Tumalo Community Plan (TCP)

Tarik Rawlings, Senior Transportation Planner
Tarik.Rawlings@deschutes.org
(541) 317-3148



Deschutes County Transportation System Plan Update (2020-2040)



Source: ODOT

What is a TSP?

- Transportation element of the Deschutes County Comprehensive Plan
- Provides a prioritization of projects that the County can reasonably fund and implement over the next 20 years
- Reflects County's top priority to preserve and maintain existing roadways
- Includes a long-term vision of a transportation system that allows people to travel within the County via driving, riding bikes, walking and transit

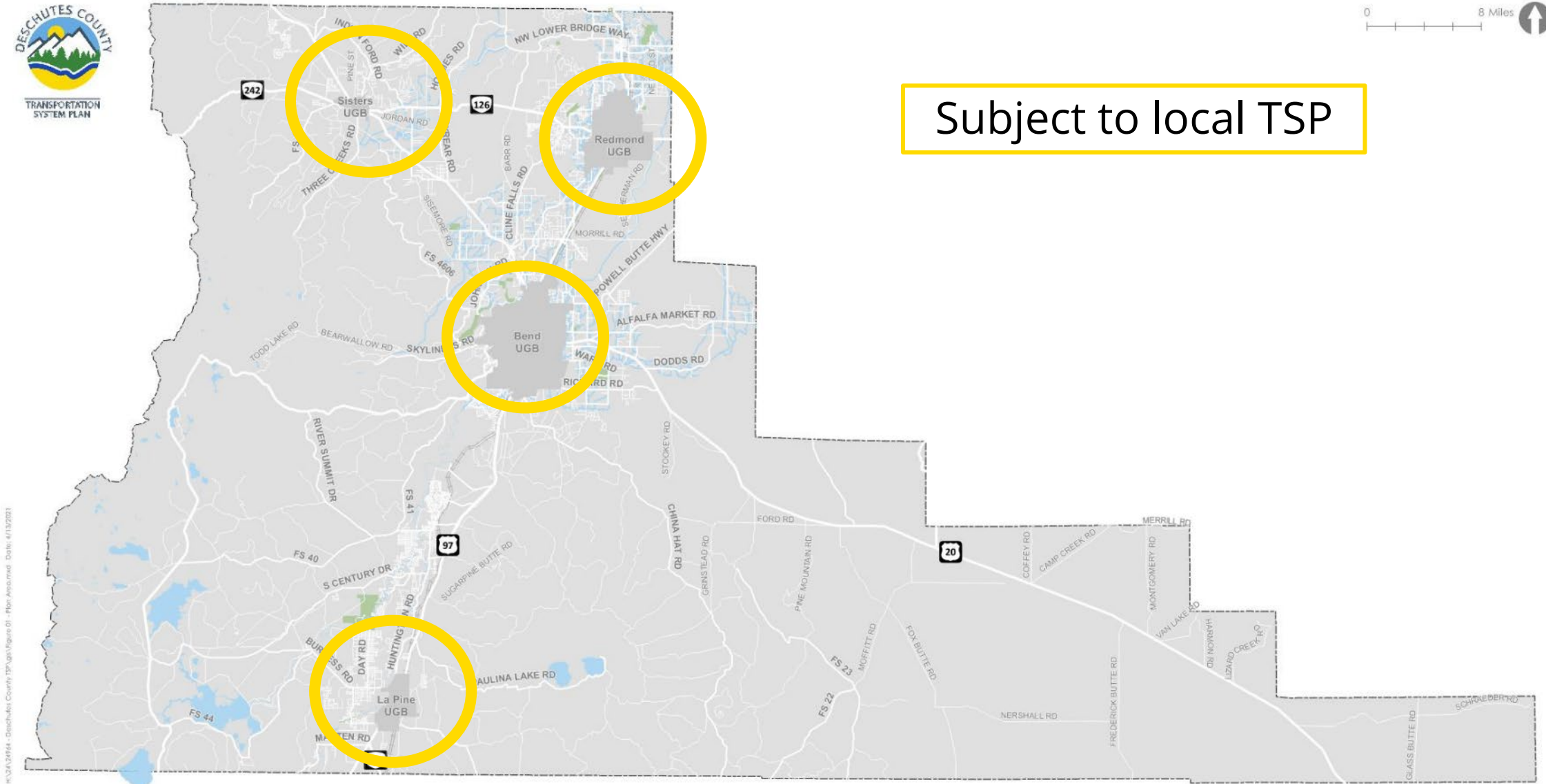
Why Update the TSP?

- Reflects the significant growth that has occurred during last 10 years and helps plan for the needs of the unincorporated and rural areas over the next 20 years
- Recognizes the continuing decrease in revenue for “new investments” and provides a prioritization of how the County can make investments in the future
- Reflects County transportation system’s crucial role in the event of a Cascadia Subduction Event, aka earthquake
- Incorporates the findings of recently completed plans by the cities, ODOT, CET, and other agencies that address transportation needs within the County boundaries
- Evaluated and confirmed need to keep the Roadway Moratorium

County versus City TSPs



Subject to local TSP



M:\24\24644 - Deschutes County TSP\Ugbs\Figure 01 - UGBs.mxd Date: 4/13/2021

Who Helped Shaped the TSP?

- Technical Working Group of County Staff and Consulting team
- 2 Public Open Houses
- Multiple Agency Partner Coordination Committee Meetings
- Broad engagement with partner agencies, including ODOT and other state agencies
- Outreach to County's Bicycle and Pedestrian Advisory Committee (BPAC) on bicycle facility planning



Initial Public Involvement

- First Virtual Open House held in May 2021; minimal public participation
- Second Virtual Open House held in December 2022; 159 people provided input
- Broad support for project list with recommendations for key projects to be prioritized.

Initial Public Involvement

- Most open house comments were in response to the following:
 - **Sunrise Boulevard** – Support for project
 - **Deschutes River Woods South Interchange Project** – Both support and concern.
 - Note: Will require further evaluation and coordination with ODOT prior to implementation
 - **Sisters to Black Butte Ranch Bike Path** – Mixed feedback
 - **SW Bend Ped/Bike Bridge** – BPRD project, included in TSP by reference to BPRD Master Plan

TSP Overview

- Chapter 1 – Introduction
- Chapter 2 – Goals & Policies
- Chapter 3 – Needs Assessment and Evaluation
- Chapter 4 – Providing Multimodal Systems
- Chapter 5 – Transportation Investment Priorities
- Chapter 6 - Funding

Summary of Prioritized Investments

Table 1-1: Total County Contribution Towards Prioritized TSP Investments

Project Category	Estimated Cost by Priority			Total Cost
	High	Medium	Low	
Intersection Changes	\$11,500,000	\$14,900,000	\$2,100,000	\$28,500,000
Roadway Changes	\$15,000,000	\$16,100,000	\$57,500,000	\$88,600,000
County Share of ODOT Intersections	\$20,100,000	\$3,500,000	\$17,500,000	\$41,100,000
Pedestrian Facilities	\$2,300,000	\$1,900,000	\$2,100,000	\$6,300,000
Bridges	\$5,700,000	\$2,400,000	\$7,900,000	\$16,000,000
County Share of FLAP Projects	\$600,000	\$3,700,000	\$4,500,000	\$8,800,000
Total	\$43,630,000	\$52,600,000	93,100,000	\$189,300,000

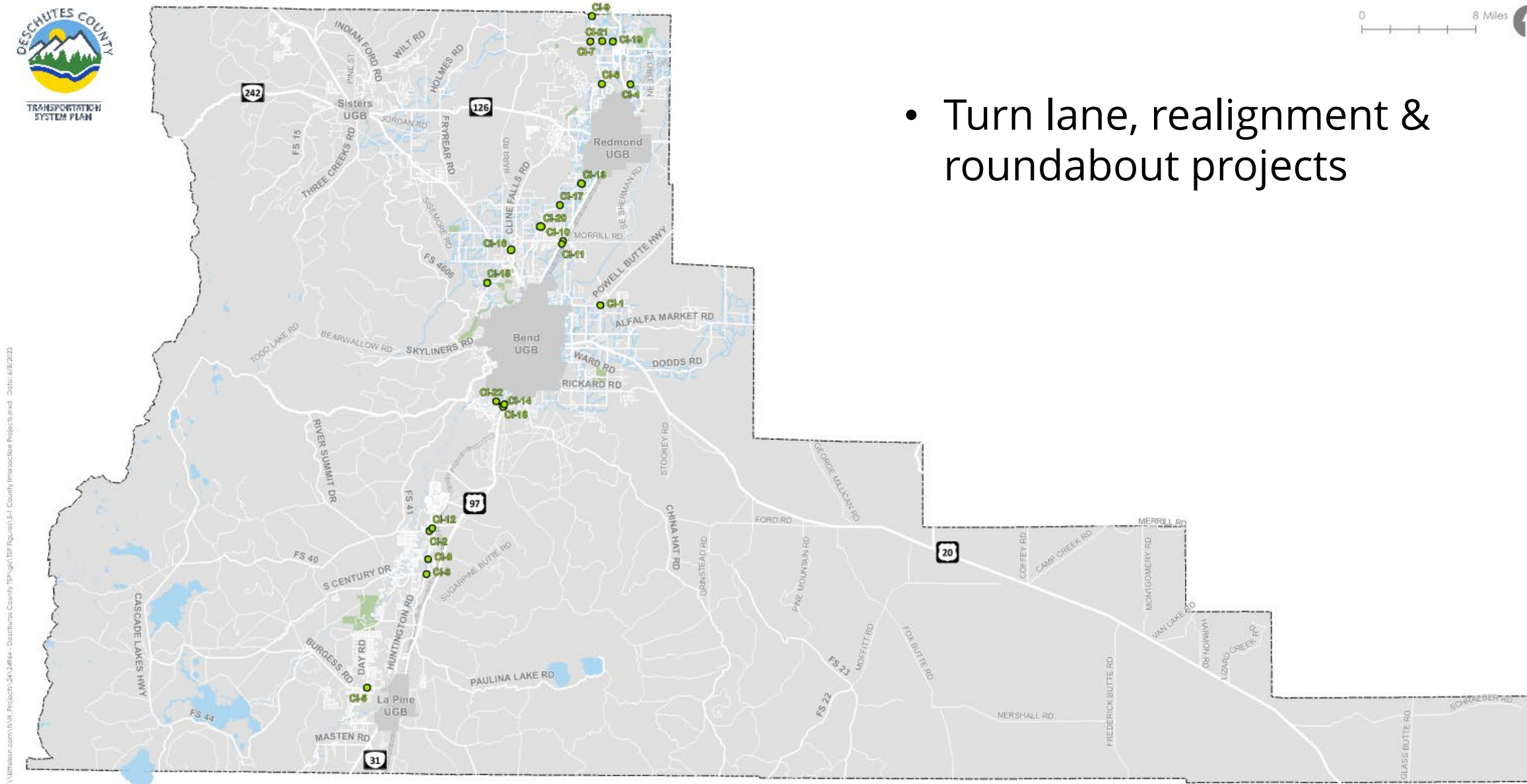
Prioritized Transportation Investments

- All projects include project cost estimates for County planning and budgeting purposes; final costs and designs will be confirmed upon implementation
- Helps County to review and develop Capital Improvement Program (CIP) project lists
- Includes County Transportation Safety Action Plan
- Provides flexibility for future intersection and roadway investments, depending on need and funding

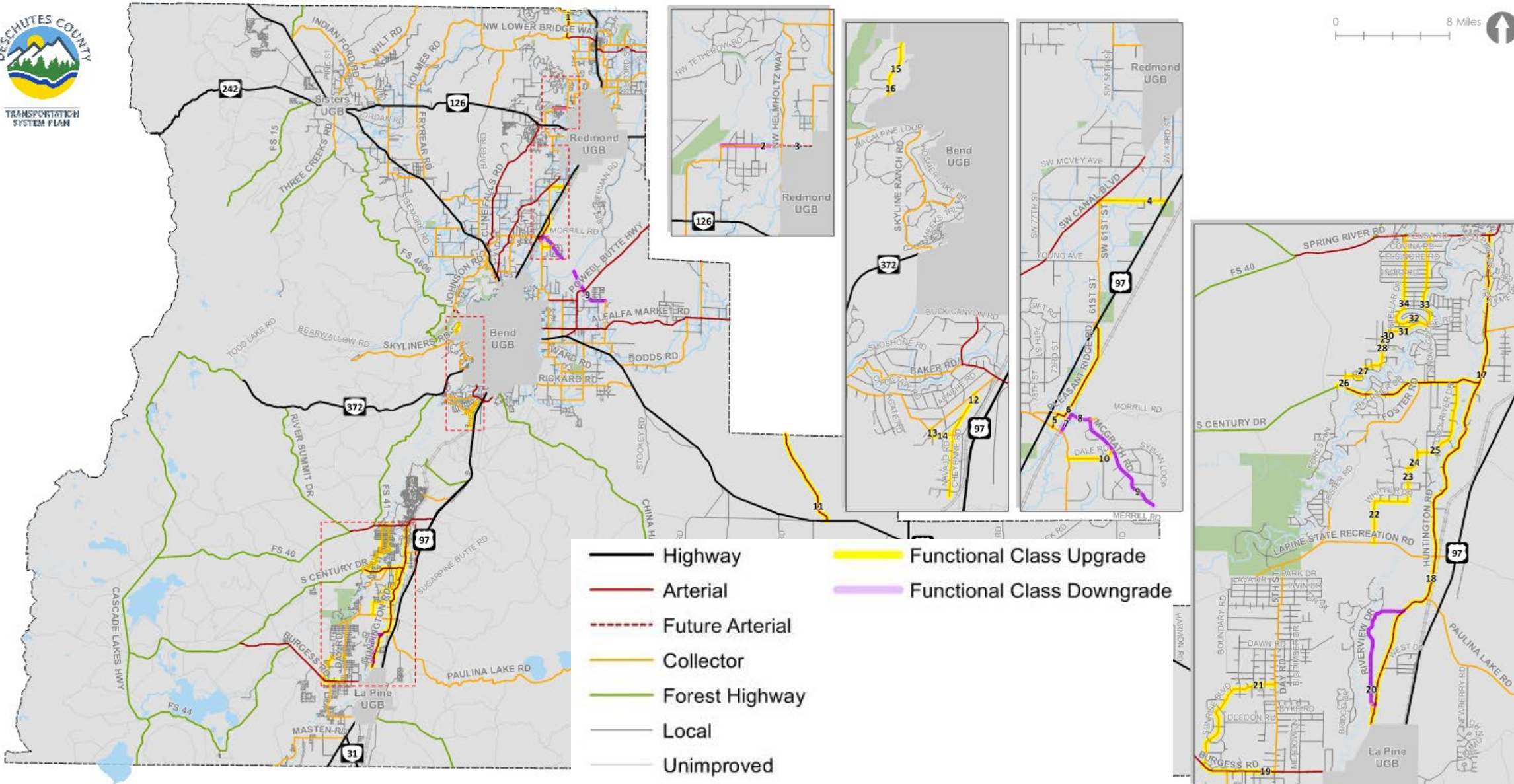
Intersection Projects



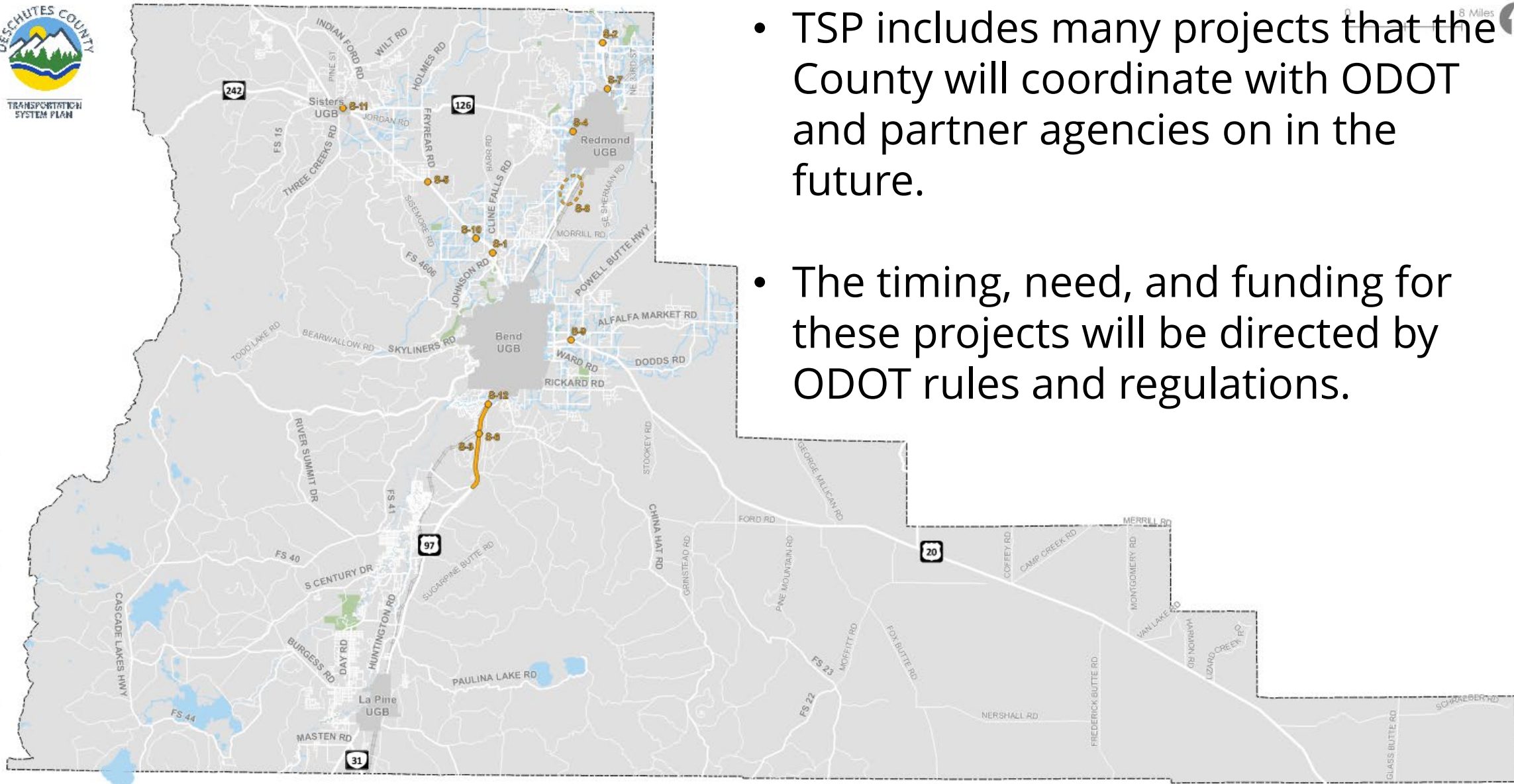
- Turn lane, realignment & roundabout projects



Functional Classification Changes



ODOT Facility Projects

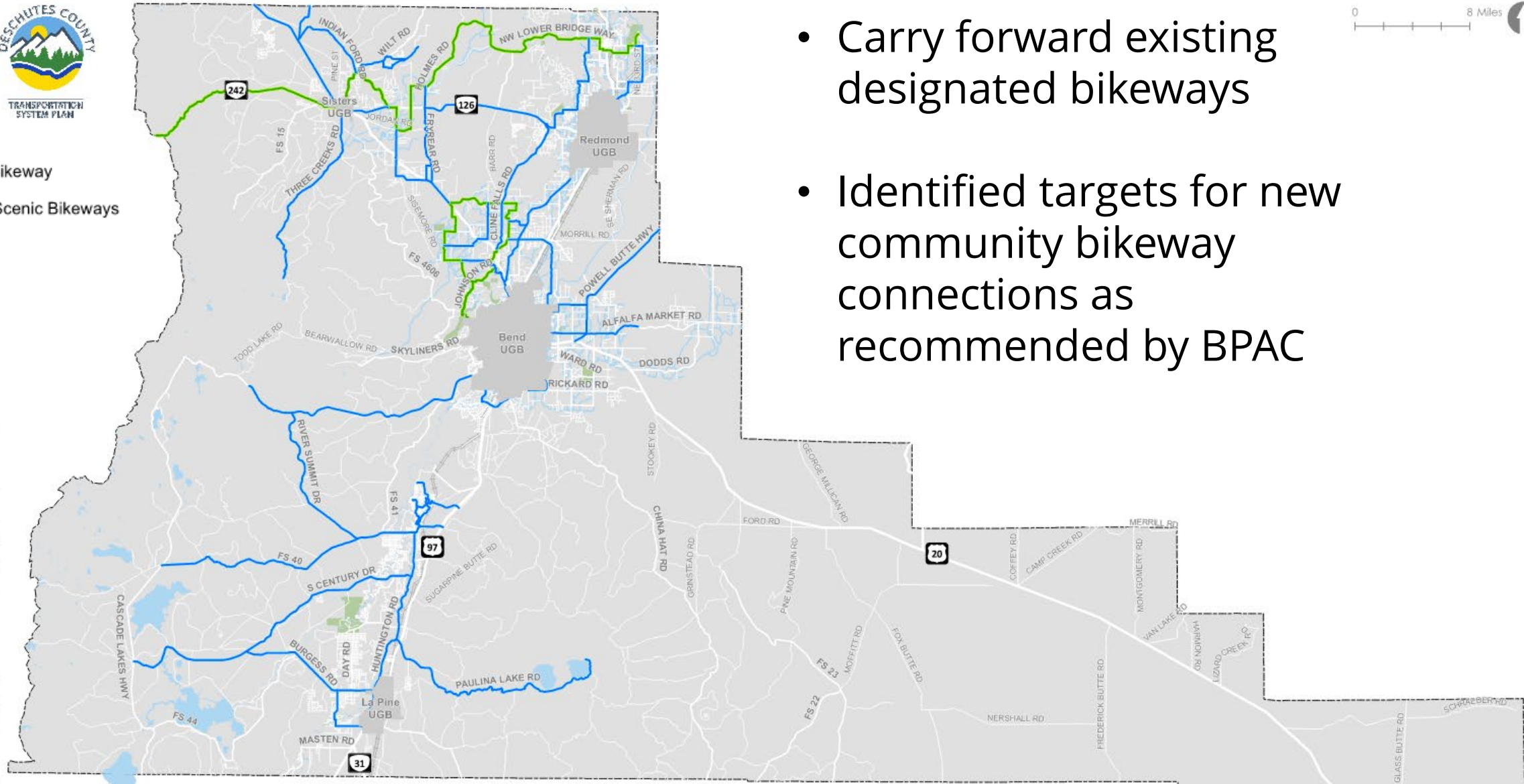


- TSP includes many projects that the County will coordinate with ODOT and partner agencies on in the future.
- The timing, need, and funding for these projects will be directed by ODOT rules and regulations.

Bicycle Facilities



- County Bikeway
- Oregon Scenic Bikeways



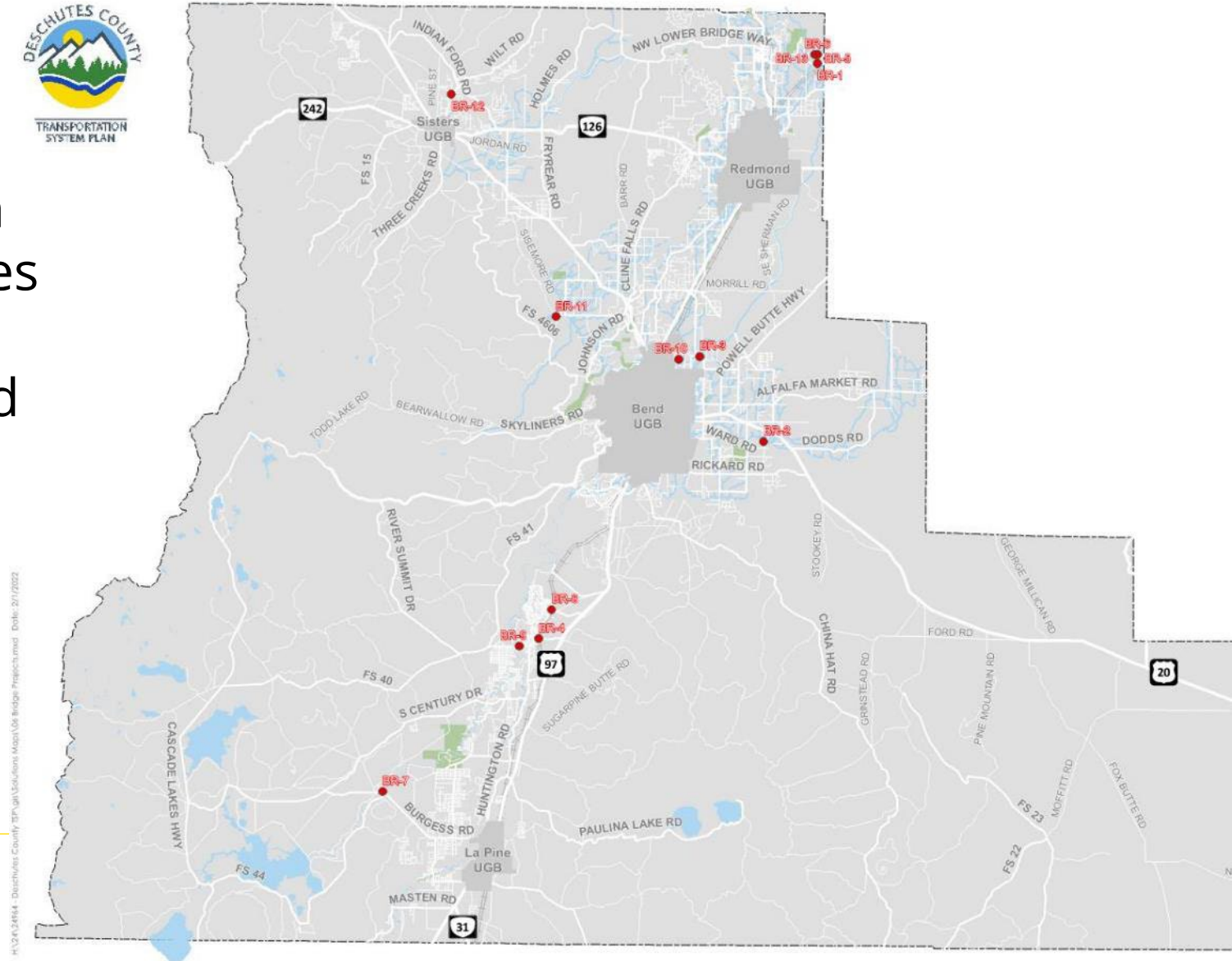
- Carry forward existing designated bikeways
- Identified targets for new community bikeway connections as recommended by BPAC

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Bridge Projects



- Replacement or rehabilitation of existing County road bridges
- Selections/prioritization based on current bridge conditions

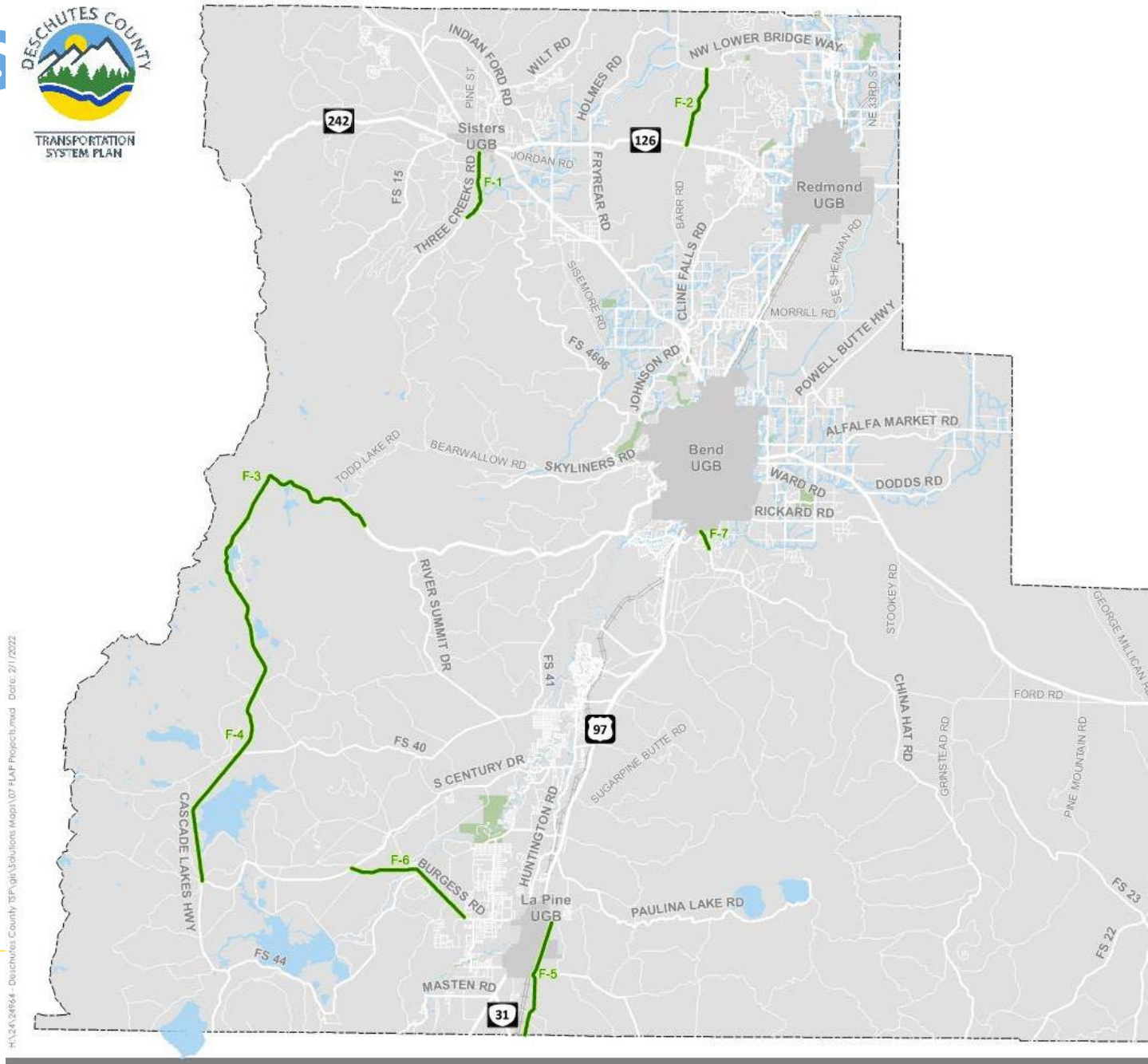


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FLAP Projects

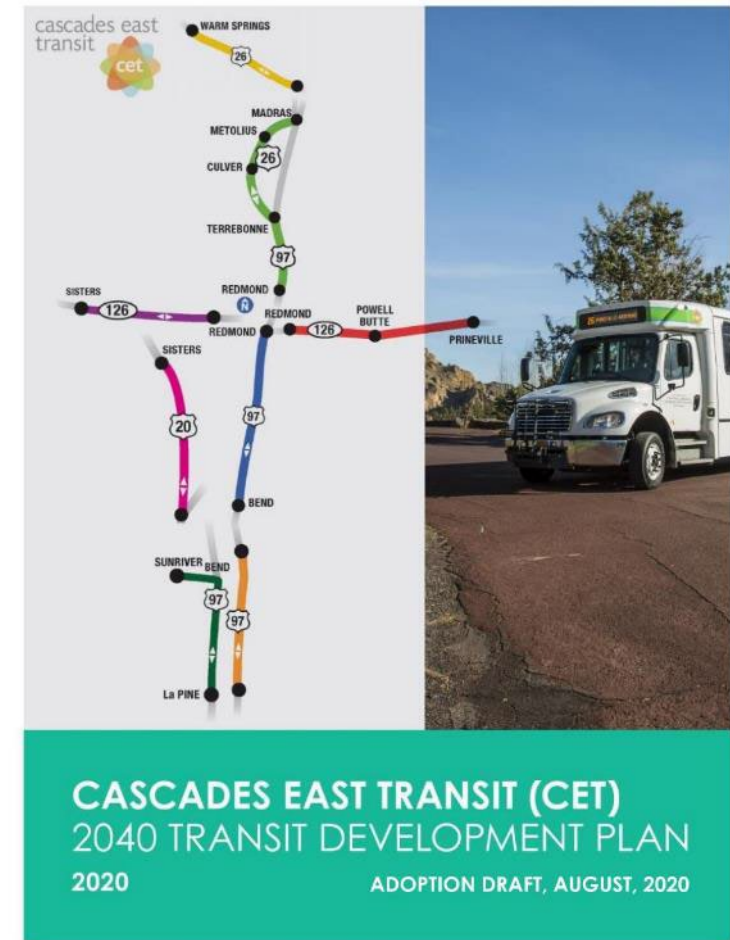


- Federal program intended to improve access to Federal lands
- Projects focus on upgrades to County standards and reconstruction



Transit Services

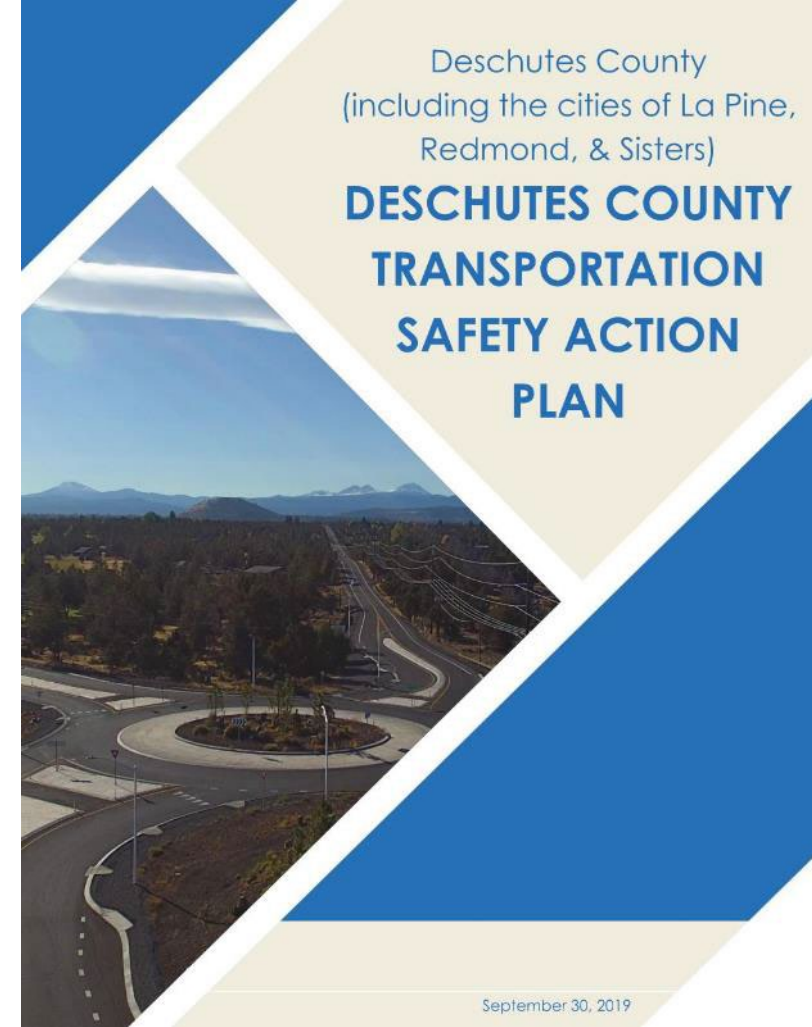
- Close coordination with CET 2040 Transit Master Plan
 - TSP adopts Plan by reference
 - Projects can help increase service to unincorporated areas of the County
- Primarily focused on providing future partnership and collaborative funding to CET and other transit partners



Safety

Deschutes County TSAP

- Key Countywide document to help identify crash trends and identify solutions to address those trends
- Focused on fatal and severe crashes
- *TSP project list incorporates Priority Improvement locations*



Funding Priorities

- Current maintenance and operational standards remain in place
- County's existing Road Moratorium remains in place.
- Existing funding levels will remain relatively consistent and no major programs (County, State, Federal, etc.) are implemented to significantly change predicted revenues



How Will County Use the Adopted TSP?

- Work with Local, State and Federal Agencies to identify funding for project priorities
- Continued work with partner agencies on prioritizing projects
- Identifying projects for CIP list

How Will County Use the Adopted TSP?

- Future public outreach on specific project details when funding is available
- County staff, Planning Commission and Board of County Commissioners can use policies goals and priorities to guide land use and transportation decision-making

Process Summary

- Over 370 public comments from individual commenters and agency partners
 - Multi-use pathways
 - Sisters-Black Butte Ranch multi-use pathway connection
 - Brookwood / Deschutes River Woods footbridge
 - Three Rivers transportation improvements (Special Road District)
 - Bicycle Route community connections
- Planning Commission public hearing – August 10, 2023
- Planning Commission recommendation – October 12, 2023
 - Included several proposed amendments

Process Summary

- Board of County Commissioners (BOCC) public hearing – November 29, 2023
- BOCC deliberations and recommendation – February 14, 2024
 - Including amendments:
 - Updated priority statuses for various projects
 - Keeping all Bicycle Route Community Connections but removing their priority status
- Became effective on June 18, 2024 after 90 days

Bend MPO TAC

Questions?

Tarik Rawlings, Senior Transportation Planner
Tarik.Rawlings@deschutes.org
(541) 317-3148



Deschutes County Tumalo Community Plan Update (2020-2040)



What is a Community Plan?

- Appendix to Comprehensive Plan
- Like Comprehensive Plan, has a 20-year horizon
- Deals with a specific geographic area
- Sets an overall vision for that defined area
- Contains goals and policies
- Guidance document for land use, but does not contain approval criteria

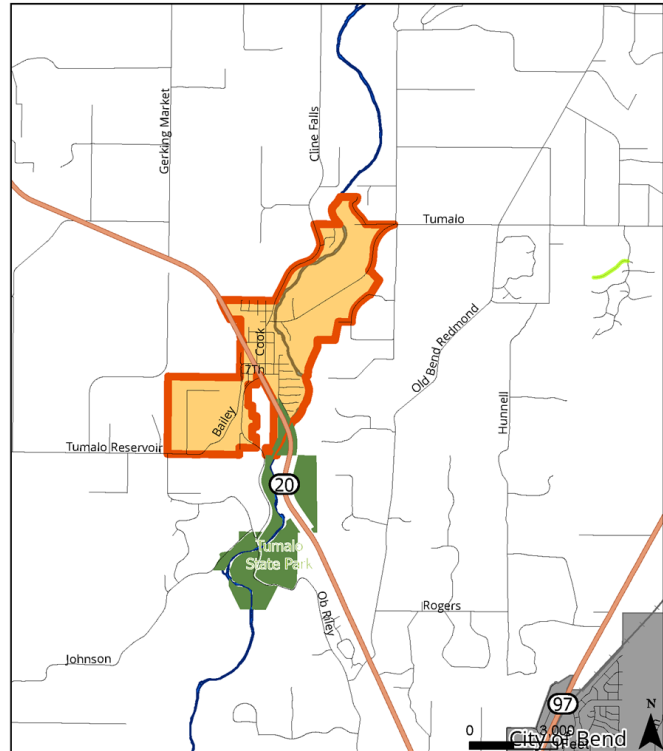
Community Plan Components

- Vision Statement
- History
- Zoning
- Population
- Public Facilities
- Surrounding Uses
- **Goals and Policies**
 - Land Use
 - Natural Resources, Open Space, Recreation
 - Residential
 - Economic
 - Public Facilities
 - Transportation

What is Tumalo?

- Unincorporated Community per OAR 660-022
- Specifically, a Rural Unincorporated Community per OAR 660-022-0010(7)
- Administered under Deschutes County Code (DCC) 18.67 (Tumalo Rural Community)
- TCP does not propose any changes to DCC 18.67

Where is Tumalo?

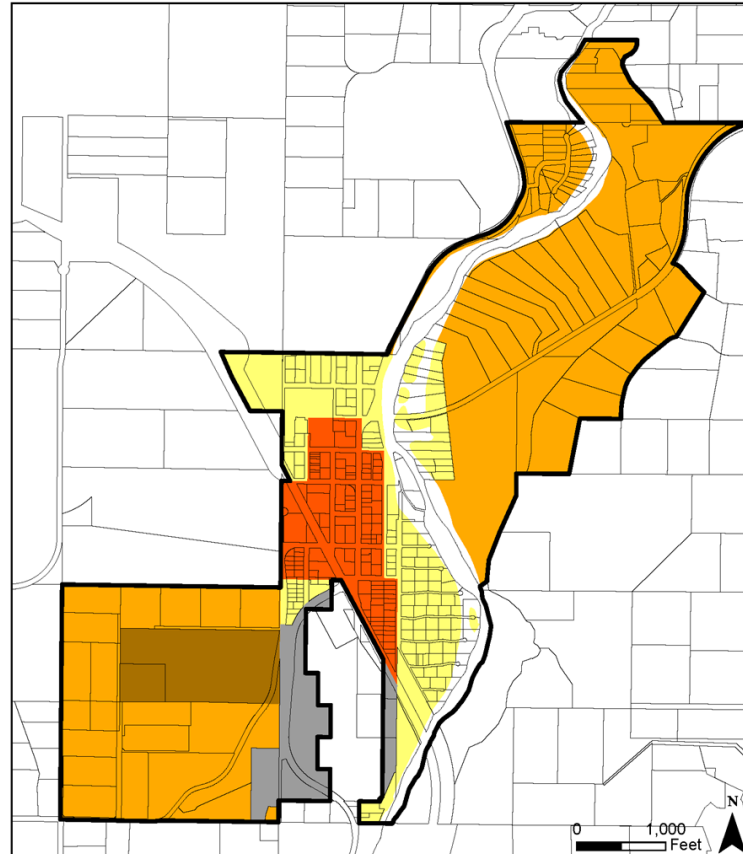


Tumalo Vicinity Map

- Tumalo State Park
- City of Bend
- Unincorporated Community



6/15/2022

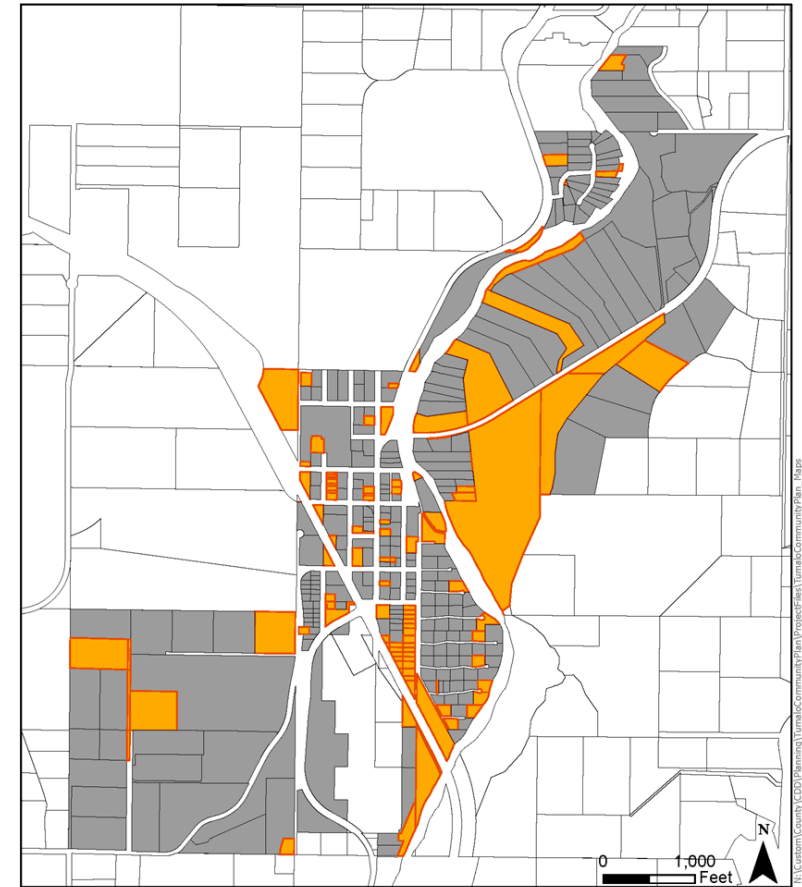


Tumalo Zoning 2020

- TUC - Commercial
- TUR - Residential
- TURS - Residential 5 Acre Minimum
- TURE - Research & Development
- TUI - Industrial



6/15/2022



Tumalo Comprehensive Plan 2020

- Vacant
- Built Out

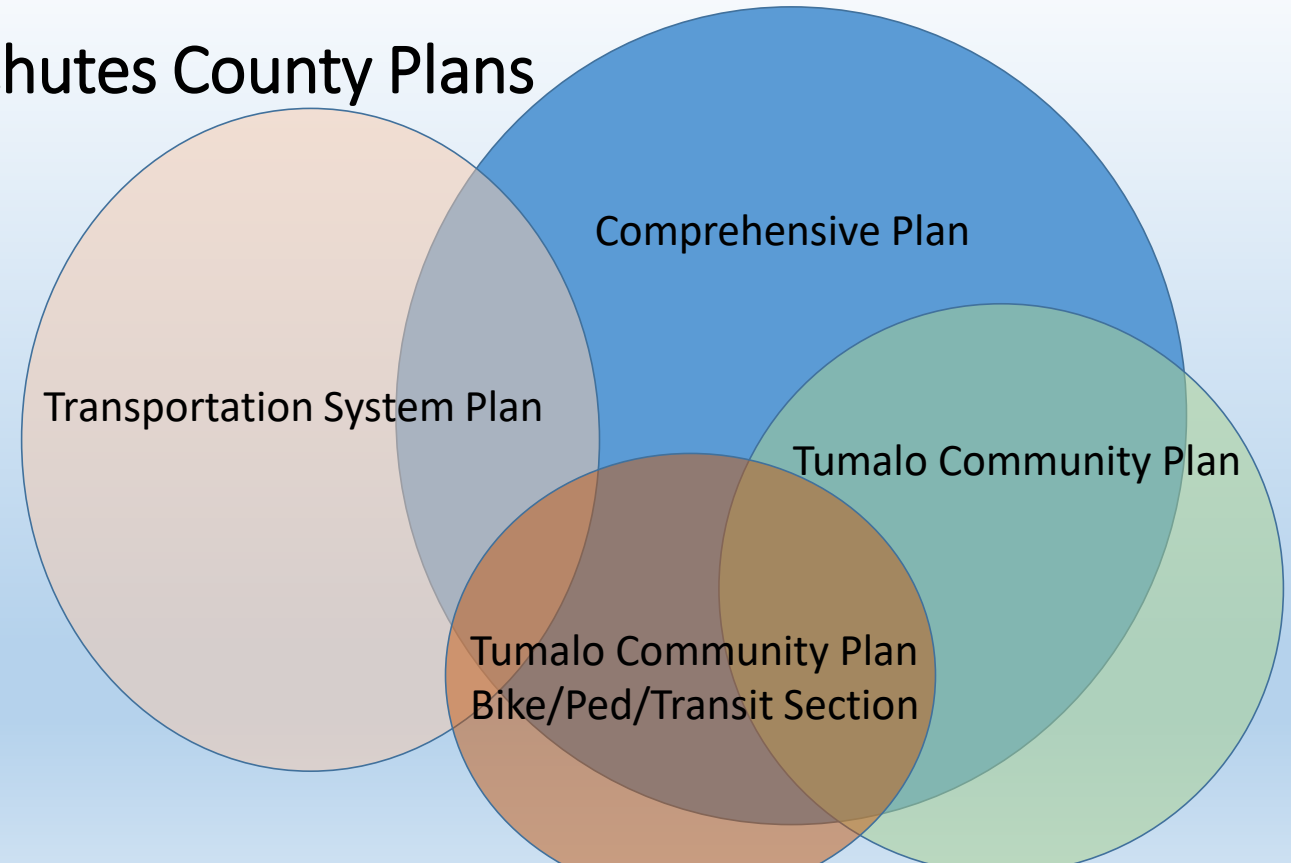


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County Plans That Affect Tumalo

- County has multiple planning efforts
- These overlap in terms of time
- Staff has worked to ensure coordination

Deschutes County Plans



Other Activities in Tumalo

- County funded a request for sewer feasibility study
 - Now undergoing district formation overseen by Laidlaw Irrigation District
- ODOT constructing two-lane roundabout at U.S. 20/O.B. Riley-Cook
- County approved multiuse path going underneath U.S. 20 at 4th St. down to Strickler to provide easy route for pedestrians and bicyclists to cross the highway

Why Update 2010-2030 TCP?

- Typically plans are updated at the halfway mark
- Population growth
- Rise of local businesses such as food carts, artisan goods, cideries, and others
- Small sewer system and new neighborhood south of US 20
- US 20/Cook-OB Riley roundabout (2022-23)
- Increase in traffic on US 20, Cook Ave/Cline Falls Hwy

Public Outreach

- Flyers prior to first Open House
- Website for TCP
- Story Map
- Three Open Houses
- Developed contact list for email
- Meet A Planner sessions
- Stakeholder interviews
- Planning Commission Public Hearing
- Board of County Commissioners hearing

Topics Raised by the Public

- Fear of losing rural or small-town feel amid rapid growth
- Code amendments for multi-family dwellings
- Signage and vehicle safety in Tumalo
- Need to protect the Deschutes River
- Various views on recent economic development
- Drawbacks of tourism
- Concerns about sewer costs and effects
- Roundabout art and other public art

Process Summary

- ~30 public comments from individual commenters and agency partners
 - Concerns about sewer / wastewater
 - Annexation into State Park / City of Bend districts
 - Public safety
 - River resources
- Planning Commission public hearing – August 10, 2023
- Planning Commission recommendation – October 26, 2023
 - Included several proposed amendments

Process Summary

- Board of County Commissioners (BOCC) public hearing – December 6, 2023
- BOCC deliberations and recommendation – March 27, 2024
 - Including amendments:
 - Multi-family housing limited to 4 units
 - Support for mitigation of river impacts and recreation
 - Support for community engagement/public art
- Became effective on August 6, 2024 after 90 days

Bend MPO TAC

Questions?

Tarik Rawlings, Senior Transportation Planner
Tarik.Rawlings@deschutes.org
(541) 317-3148



ODOT Updates

Ken Shonkwiler, ODOT Region 4

MPO TAC Updates

November 6th, 10 AM

Ken Shonkwiler, Principal Planner

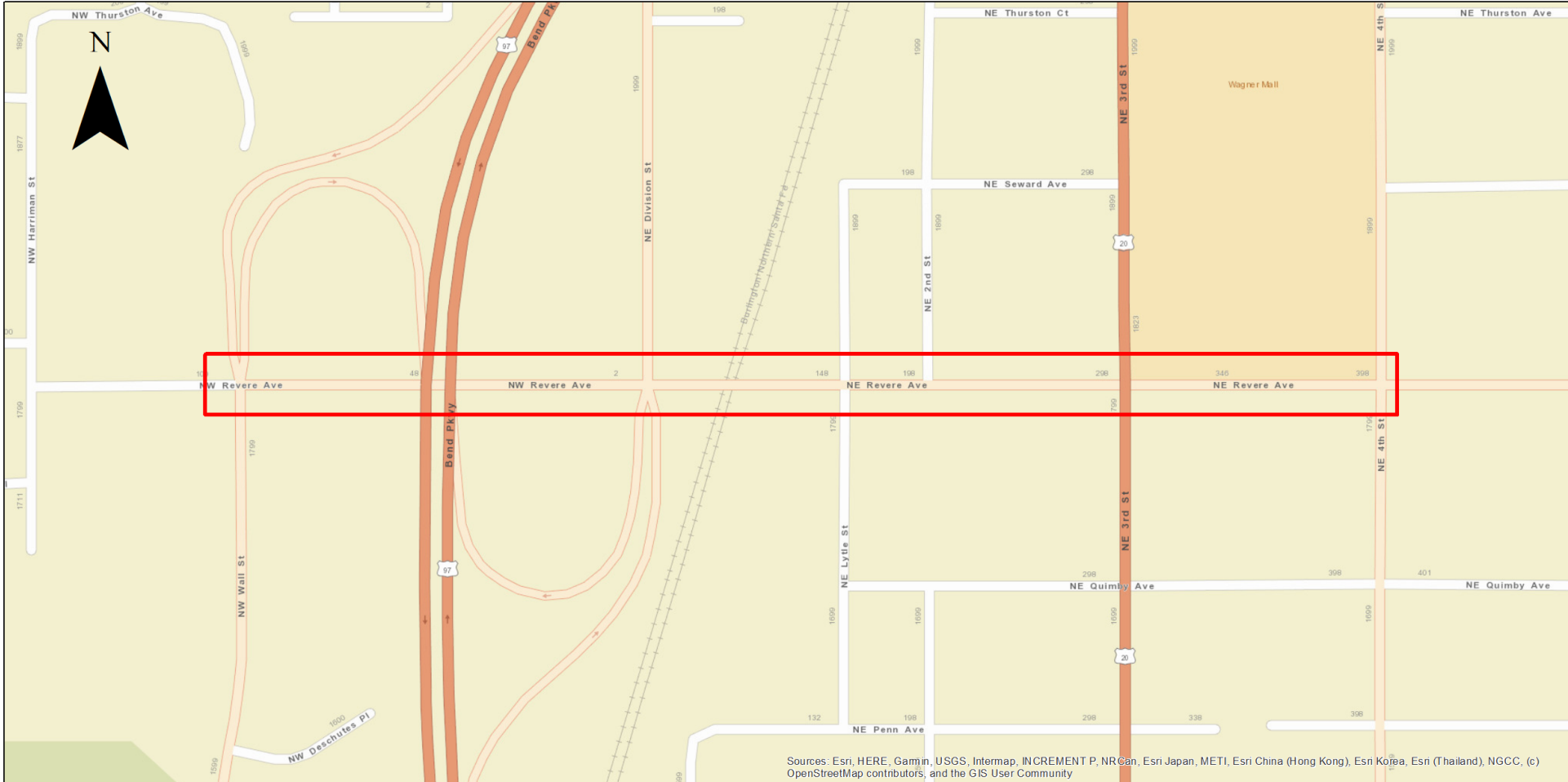
Don Morehouse, Senior Transportation Planner

Revere Avenue Rail Crossing – Urban Design Verification

Project Scope

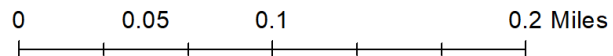
- Schedule
 - Kickoff August 2024
 - Complete September 2025
- Project limits: intersection of Revere Ave/Wall Street to Revere Ave/4th street.
- Elements of the project include:
 - Rail X-ing multi-modal safety
 - Identifying corridor concepts to separate users and improve safety
 - Address safety issues at Revere/3rd





K22607 Revere Avenue Rail Crossing

Project Area



What is a UDV?

Pre-Design planning

- Builds upon existing planning documents and evaluates design needs
- Identify multi-modal design solutions that are supported by both the community, the city and by ODOT before future projects begin
- Creates a seamless design concept that fits in the corridor

City of Bend and ODOT Partnership

- City of Bend
 - Revere Avenue

- ODOT infrastructure
 - US 97 interchange area, including ramp signals
 - ODOT Rail involvement with rail crossing

Design goals

- Design a rail crossing that is forward compatible with quiet crossing infrastructure
- Reduce queuing issues at the rail crossing
- Reduce and consolidate vehicular access points in corridor
- Design project to avoid, mitigate, and minimize private property impacts when possible. Consider road reconfiguration concept from the US 97 Parkway Plan.
- Improve traffic operations at Division/Revere and 3rd/Revere. Install left turn phasing or evaluate restricting left turns at Division
- Improve access to transit stops
- Provide enhanced pedestrian crossings every 1-2 blocks (outside of interchange)
- Provide low stress pedestrian and bicycle facilities, BLTS 2 or PLTS or lower

US 20 Facility Plan

Lava Butte Path Project

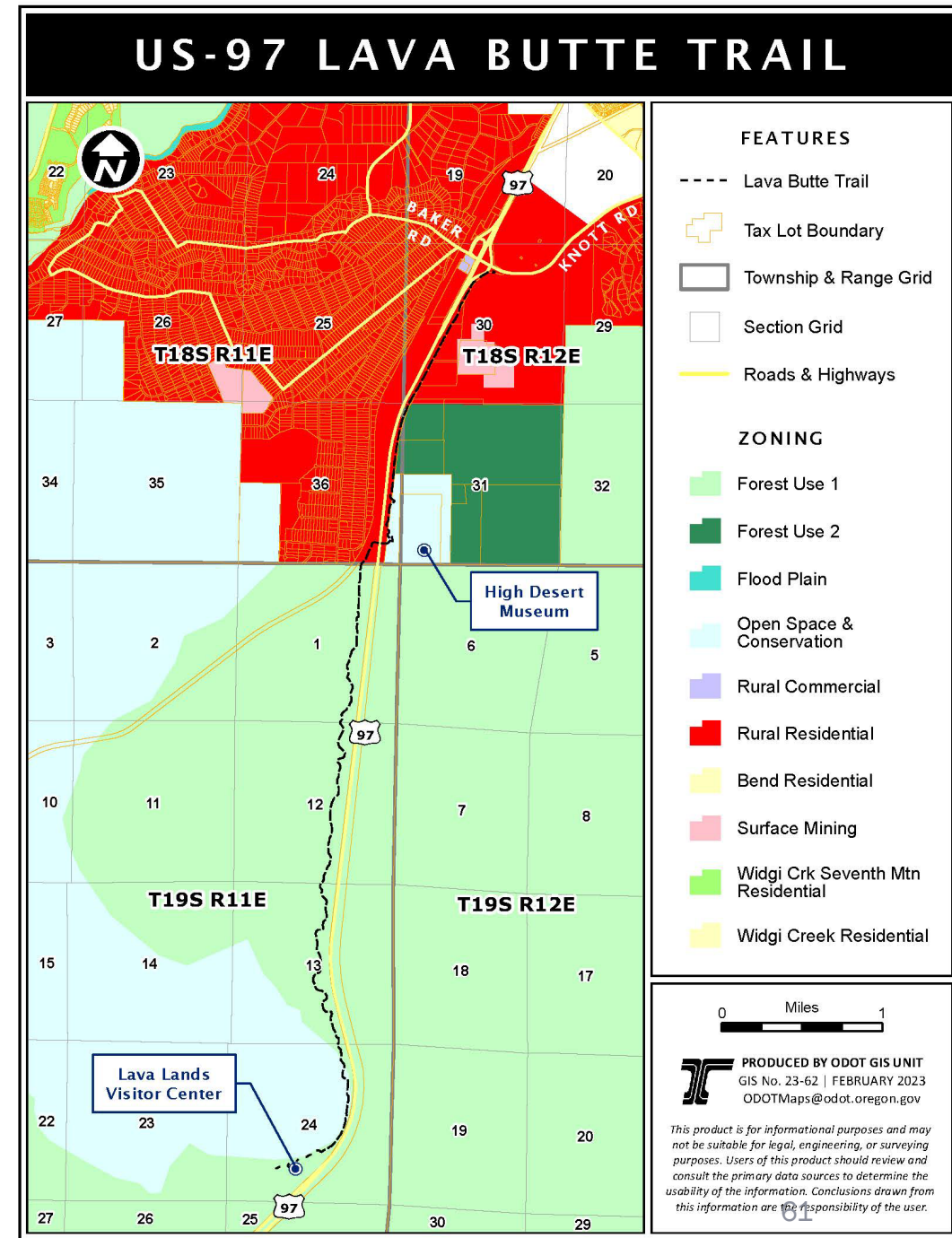
Lava Butte Path Project – Background

US 97 Bend-Lava Butte Refinement Plan

- Completed 2017
- East side alignment in ODOT R/W, connecting Bend to Lava Lands and High Desert Museum

STIP Project

- Cost: \$9,399,996.22 WFLAP
- Construction year: 2026/2027
- Land use phase is ongoing



Lava Butte Path Project – Land Use

- Declaratory Ruling – December 2023
 - To determine zoning, zoning boundary, and use in DCC
 - Confirmed RR10 zoning, outright permitted use in DCC 18.60.020
- LUBA – Spring 2024
- Court of Appeals – Summer 2024

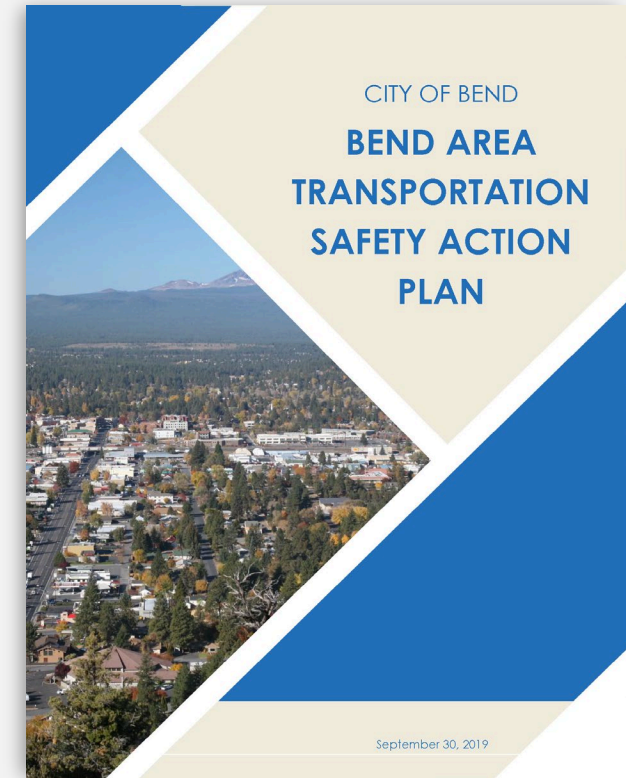
- LUBA remanded one issue, to be resolved in upcoming application

Bend Transportation Safety Action Plan (TSAP) Update – Status

Tyler Deke, BMPO

Bend TSAP Update

- Existing TSAP completed 2019
 - Document link:
<https://www.bendoregon.gov/government/departments/bend-metro-planning-organization/plans-and-programs/safety-action-plan>
 - Funding for plan: MPO, City of Bend and ODOT
 - Total funding limited plan scope
 - Identified high crash locations and identified potential mitigations at a few locations
 - Developed toolbox of mitigation options for both intersection and corridor safety issues
 - Informed project identification for City GO bond program and capital improvement program



Bend TSAP Update

- TSAP update
 - Federal Infrastructure Investment and Jobs Act (IIJA) created new *Safe Streets and Roads for All (SS4A)* grant program
 - MPO secured \$200,000 SS4A grant to update Bend TSAP
 - Focus areas
 - Public engagement – tremendous interest in this plan update
 - Update crash summary data – identify high crash locations (intersections and corridors) and crash categories (e.g., ages of involved people, severity)
 - Equity analysis – are there higher concentrations of crashes in/near known equity populations
 - Develop concept improvements for 10 high crash locations/corridors
 - Identify emphasis areas (e.g., speeding)
 - Identify countermeasures for areas with high number of risk factors
 - Identify countermeasures for any identified bicycle and pedestrian crash patterns
 - Identify strategies to safely accommodate micro-mobility and e-mobility devices
 - Outline potential technologies to improve system safety
 - Review and update safety performance measures (meet MPO federal requirements and any state requirements)

Bend TSAP Update

- Outcomes
 - Concepts and cost estimates for 10 high crash locations
 - Factor into City of Bend Capital Improvement Program funding discussions
 - Factor into ODOT Statewide Transportation Improvement Program funding discussions
 - Seek ODOT *All Roads Transportation Safety* funding
 - Seek SS4A construction grant funding
 - Identify crash issues that require multi-agency coordination (e.g., intoxicated driving)
 - Identify education and outreach focus areas (e.g., distracted driving)
 - Work with COIC to seek funding for regional education and outreach

Bend TSAP Update

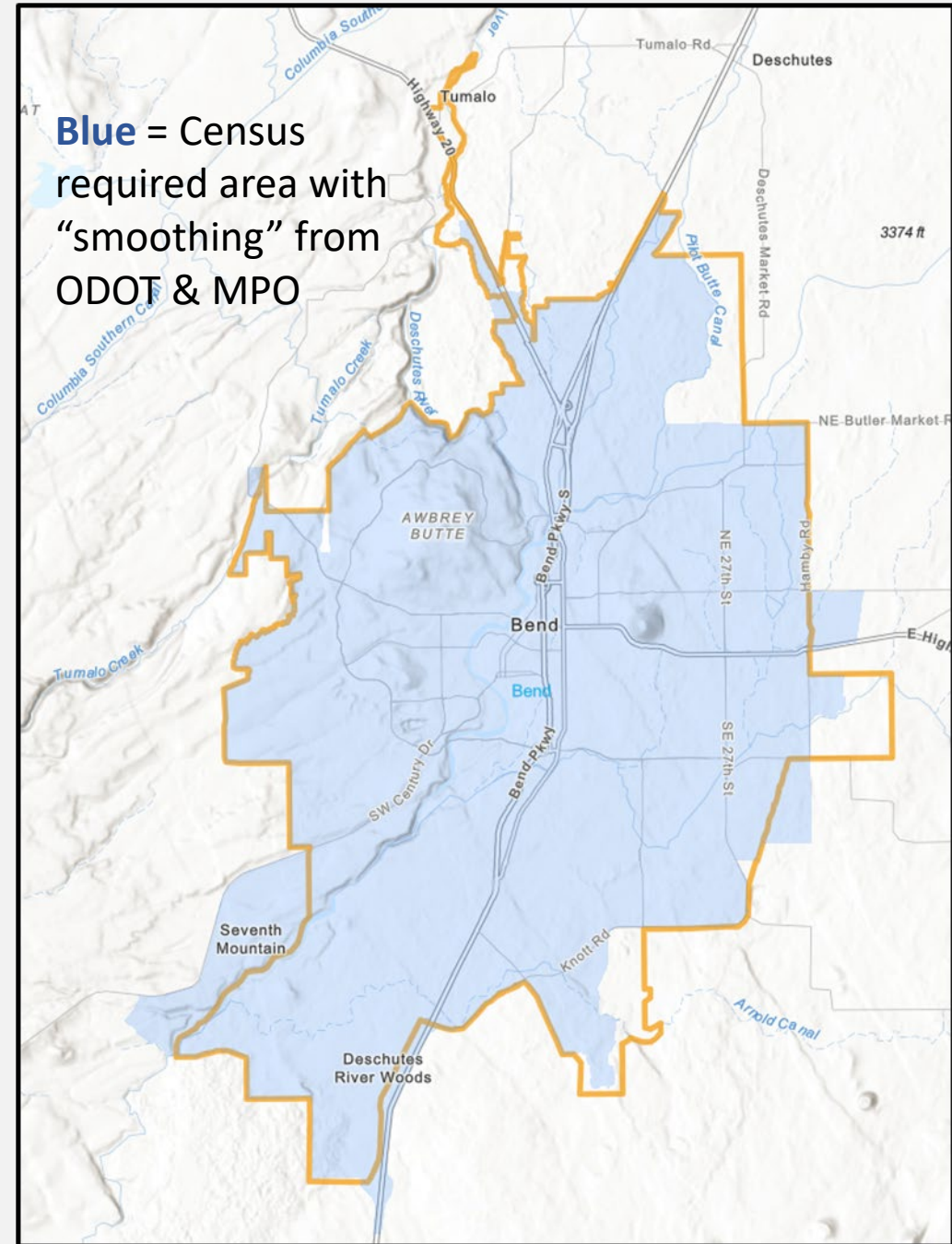
- Other TSAP projects
 - Deschutes County TSAP – plan update underway
 - Crook County TSAP – work to begin soon
 - Jefferson County TSAP – plan development underway
 - Confederated Tribes of Warm Springs – schedule TBD
- Opportunities to submit regional applications for SS4A construction funding?
- Opportunities for regional coordination for safety messaging and outreach
- Next Steps
 - Secure consultant services – November/December
 - Project kick-off - January

MPO Boundary Update

Andrea Napoli, BMPO

MPO Boundary Refresher

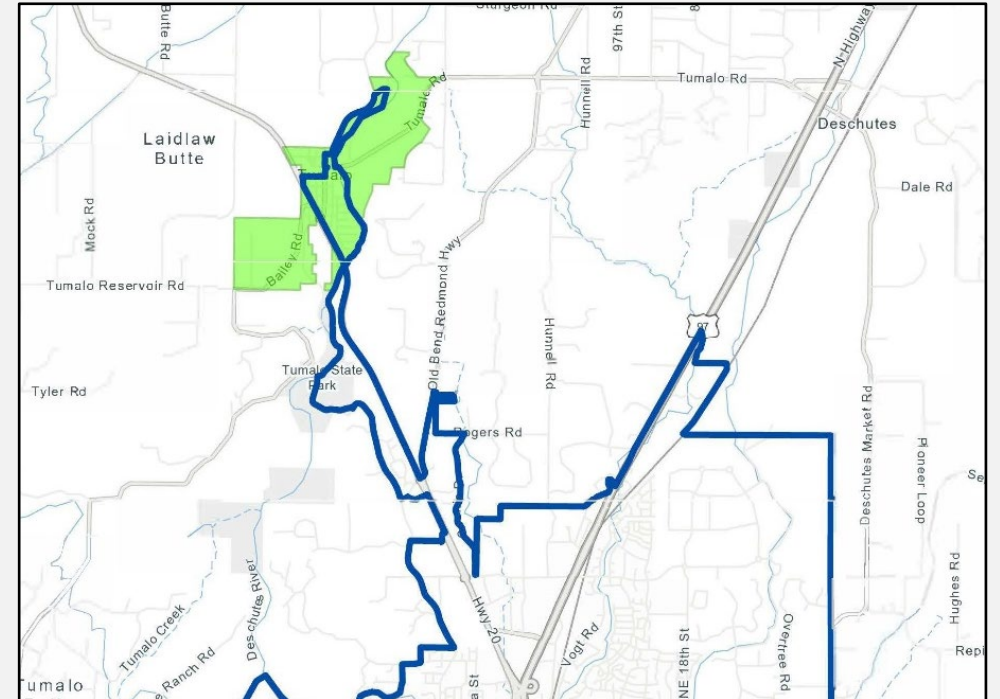
- Minimum required MPO area determined after every decennial census
 - New areas required
 - Tumalo no longer required



Tumalo

- Prior to making changes at Tumalo, Policy Board wanted public input from Tumalo residents
- Recent Events
 - Link to webpage w/ comment form sent to Tumalo Community Plan email list (10/15)
 - In-person tabling at The Bite in Tumalo
- Results
 - Yes, include Tumalo = 14
 - No, do not include Tumalo = 13
 - Undecided = 1

Green = Tumalo Unincorporated Community
Blue = Current MPO Boundary (2017)



Next Steps

- Policy Board to finalize MPO boundary at Nov. 15th meeting

2025 TAC Meeting Schedule

MPO Staff

2025 TAC Meeting Schedule

- Proposed schedule:
 - 1st Wednesdays, 10:00 – 11:30 a.m.
 - *Except in January* – proposing Thursday, January 2, at 10:00 a.m. (due to holiday)

Member & Guest Roundtable

Time for TAC member to provide updates on current projects and planning efforts.

Public Comment

Time for members of the public to provide comment.

Next TAC Meeting

The next meeting of the BMPO TAC is scheduled for
December 4, 2024, at 10:00 a.m.

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.