



BEND MPO
Metropolitan Planning Organization

Policy Board Meeting

September 15, 2020

Agenda Item #1 – Call to Order & Introductions – Justin Livingston, Chair

Policy Board

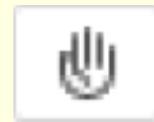
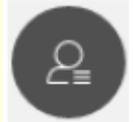
- Justin Livingston, City of Bend, MPO Chair
- Tony DeBone, Deschutes County, MPO Vice-Chair
- Bob Townsend, ODOT Region 4
- Barb Campbell, City of Bend
- Chris Piper, City of Bend

Bend Metropolitan Staff

- Tyler Deke, Manager
 - Jovi Anderson, Program Coordinator
 - Cameron Prow (Type-Write II, Recorder)
-
- Members of the public, guests will be listed by meeting host

Agenda Item #2 - Virtual Meeting Guidelines – Jovi Anderson

- This meeting will be recorded for note taking purposes.
- You will be on mute when you first join the meeting. Please mute yourself when you are not speaking
-  If you are having technical difficulties during the meeting, please use the chat function to send a message to the host.
-  If you have a question or would like to comment, please use the **raise hand** function by clicking on the participants icon; in the participants pane, look at the bottom right corner and click on the hand icon to raise your hand. Please click on the icon again to lower your hand when you are done. (Very Small-Bottom Right)
- Phone-only attendees can press *3 to raise their hands and are asked to wait until someone calls on them. The host, presenter, or panelist can see which attendees have raised their hands and then unmute each one in turn so they can ask a question. If attendees want to lower their hands after raising them, they can press *3 again.



-
- **Agenda Item #3 – Public Comment – Justin Livingston**
 - **Agenda Item #4 – Meeting minutes – Justin Livingston**
 - Recommended Language for Motion: I move approval of the July 21, 2020 and August 13, 2020 draft meeting minutes as presented

Agenda Item #5 – Tyler Deke

STBG – Reserve Funding

STBG – Reserve Funding

- In June 2019, the Policy Board voted to hold in reserve approximately \$110,000 of STBG funding
- These funds could remain in reserve or could be included in the current application process
- Staff is seeking direction from the Board on possibly including these funds in the current solicitation process
- Include in current process: increases funding available for projects/programs
- Hold in reserve: maintain small reserve for last minute priority projects, programs or planning needs; could use to close funding gap for other projects
- Discussion

Agenda Item #6 – Tyler Deke & Justin Livingston

**Technical Advisory Committee
citizen members**

TAC – Citizen Members

- Background
 - Policy Board amended the Technical Advisory Committee (TAC) Bylaws in 2019
 - The amendments included language about the selection and terms of the citizen members
 - Over the summer, staff initiated the process to seek new citizen members
 - Application process closed in mid-August

TAC – Citizen Members

- Received 4 applications
 - Robin Vora – current member
 - Michel Bayard – current member
 - Greg Bryant
 - Liza Hamada
- Chair Livingston and Councilor Campbell reviewed the applications and will make a recommendation to the full Board
- Discussion
- Recommended Language for Motion: I move approval of ____ to serve a 2-year term on the TAC and ____ to serve a 3-year term on the TAC

Agenda Item #7 – Tyler Deke & Jovi Anderson

CET software funding support

CET software funding support

- In 2017-18, MPO administered ODOT grant to develop software tool (TBEST) for CET
- Software used to test and analyze potential service changes, develop information for federal reporting, etc.
- CET currently using tool, but support from software developer will enable more robust use of the tool
- Cost for one year = up to \$10,000 (max)
- CET asked about possible MPO financial support

CET software funding support

- MPO annual operating budget includes Federal Transit Administration (FTA) funding (~\$50,000)
- Many MPOs provide direct funding or planning support for the transit providers within boundary
- Consider providing up to \$5,000 (from consulting budget line item) to CET
- Discussion

Agenda Item #8 – Tyler Deke and Jovi Anderson

**MPO processes for grant
applications and letters of support**

Processes for grant applications and letters of support

- MPO does not have formal processes to seek grants or provide external letters of support
- Draft letters of support guidelines (Attachment B) modeled off City of Bend process
 - Establishes guidelines and timeline
 - Establishes process when Policy Board cannot meet
 - Policy Board will receive an email from staff for review and consideration
 - If 2 of the 3 member jurisdictions approve the letter of support, manager may sign the letter on the Board's behalf
 - Is this acceptable?
 - Discussion

Processes for grant applications and letters of support

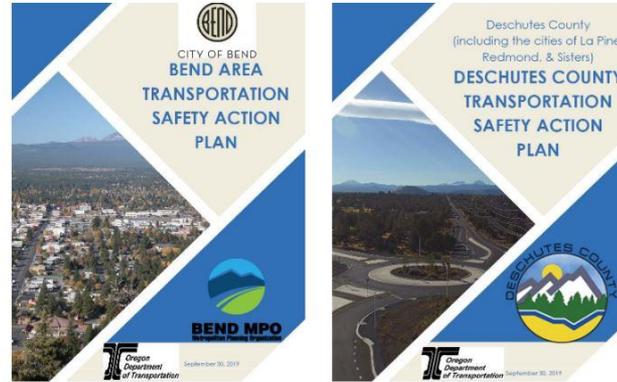
- Draft grant application process (Attachment C) also modeled after City of Bend process
- Focused on internal development and review process
- Establishes funding levels for Policy Board review and approval
 - MPO manager approval if grant is less than \$100,000 and match is less than \$20,000
 - Policy Board approval if grant is greater than \$100,000 or match is greater than \$20,000
- Are funding thresholds acceptable? Would the Board prefer a lower overall number (e.g. \$75k, \$50k)?
- Discussion

Processes for grant applications and letters of support

- Recommended Language for Motion: I move approval of the draft processes for grant applications and support letters as presented (or with modifications)

Agenda Item #9 – Tyler Deke & Jovi Anderson

Transportation Safety Action Plans



DESCHUTES COUNTY & BEND TRANSPORTATION SAFETY ACTION PLANS (TSAPs)

Bend MPO Policy Board
September 15, 2020



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TRANSPORTATION SAFETY ACTION PLAN (TSAP)

- Project Overview/Purpose
- Study areas
- Approach
- Crash data
- Emphasis areas
- Next Steps



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PROJECT PURPOSE

- Purpose
 - Develop a comprehensive safety program that systematically identifies and prioritizes safety projects and establishes a proactive approach to reducing crashes on all roadways within the City of Bend and throughout Deschutes County.



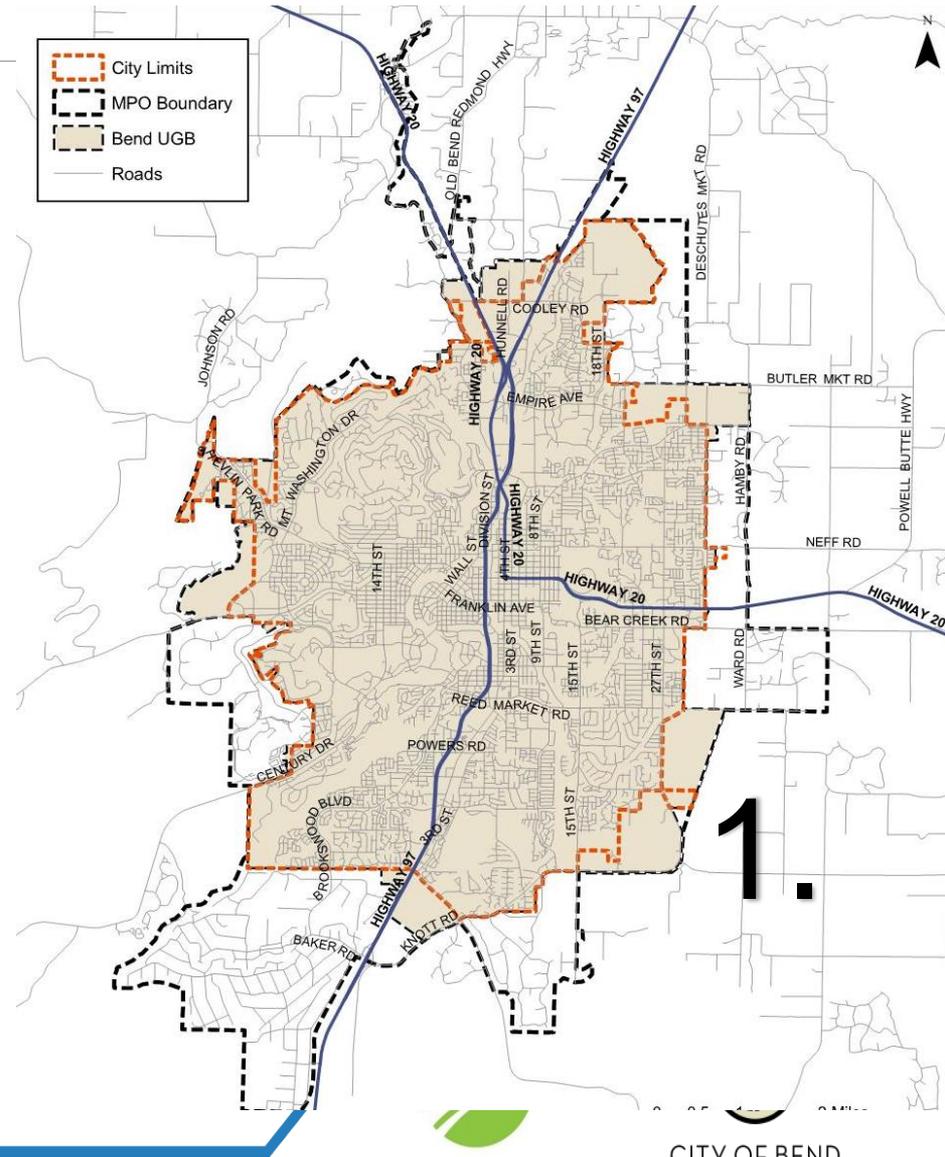
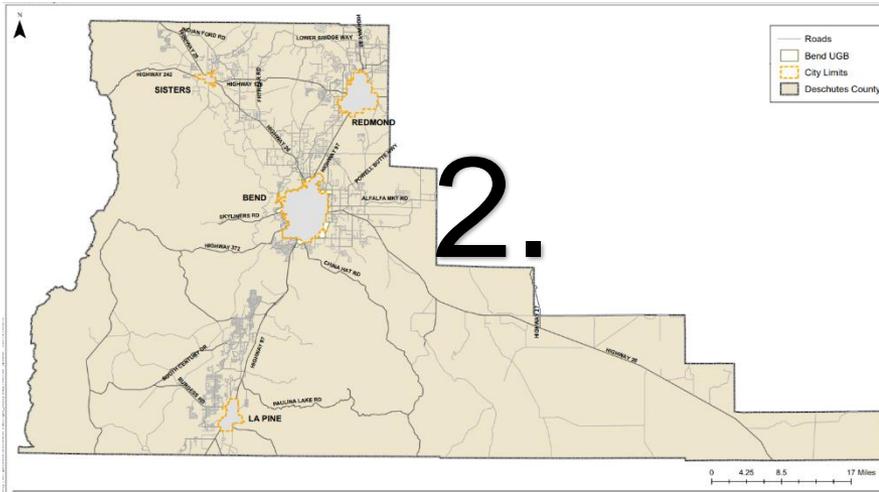
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STUDY AREAS

1. Bend UGB
2. Deschutes County
 - Including Sisters, La Pine & Redmond



COMPREHENSIVE APPROACH

- Policy, planning, programming, and projects are multidisciplinary and involve “the 4Es” of safety
 - Engineering
 - Emergency Medical Services (EMS)
 - Enforcement
 - Education
- Input from stakeholders
 - Project Management Team (PMT)
 - MPO Technical Advisory Committee (TAC)
 - Citywide Transportation Advisory Committee (CTAC)
 - Multidisciplinary Stakeholder Groups (County TAC and MPO extended group)



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WHAT'S IN THE TSAP?



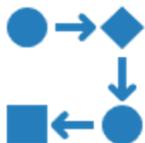
Section 1

- Introduction
- Policies and Goals



Section 2

- Crash Data Summary
- Emphasis Areas



Section 3

- Systemic Solutions



Section 4

- Speed management
Toolbox



Section 5

- Location Specific
Applications



Section 6

- Non-Infrastructure
Measures



Section 7

- Performance Measures



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ROLE OF CRASH DATA?

- Data helps you:
 - Understand key issues and factors
 - Understand emphasis areas
- Data leads us towards program aspects of the TSAP

- *TSAP is data informed, but not data restricted*



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CRASH DATA (2012-2016)

- Plan evaluated crashes from 2012 – 2016
- Crash data will be updated every 2-3 years
 - *Data for 2017-18 received from ODOT, but not included in analysis in upcoming slides.*

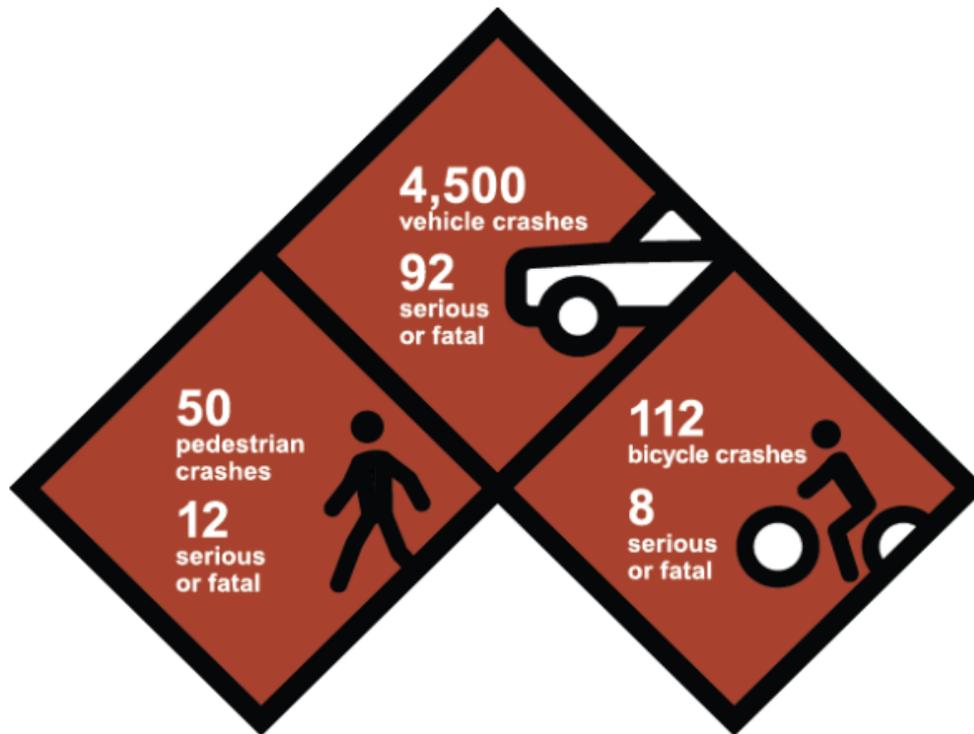


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BEND CRASH DATA (2012-2016)



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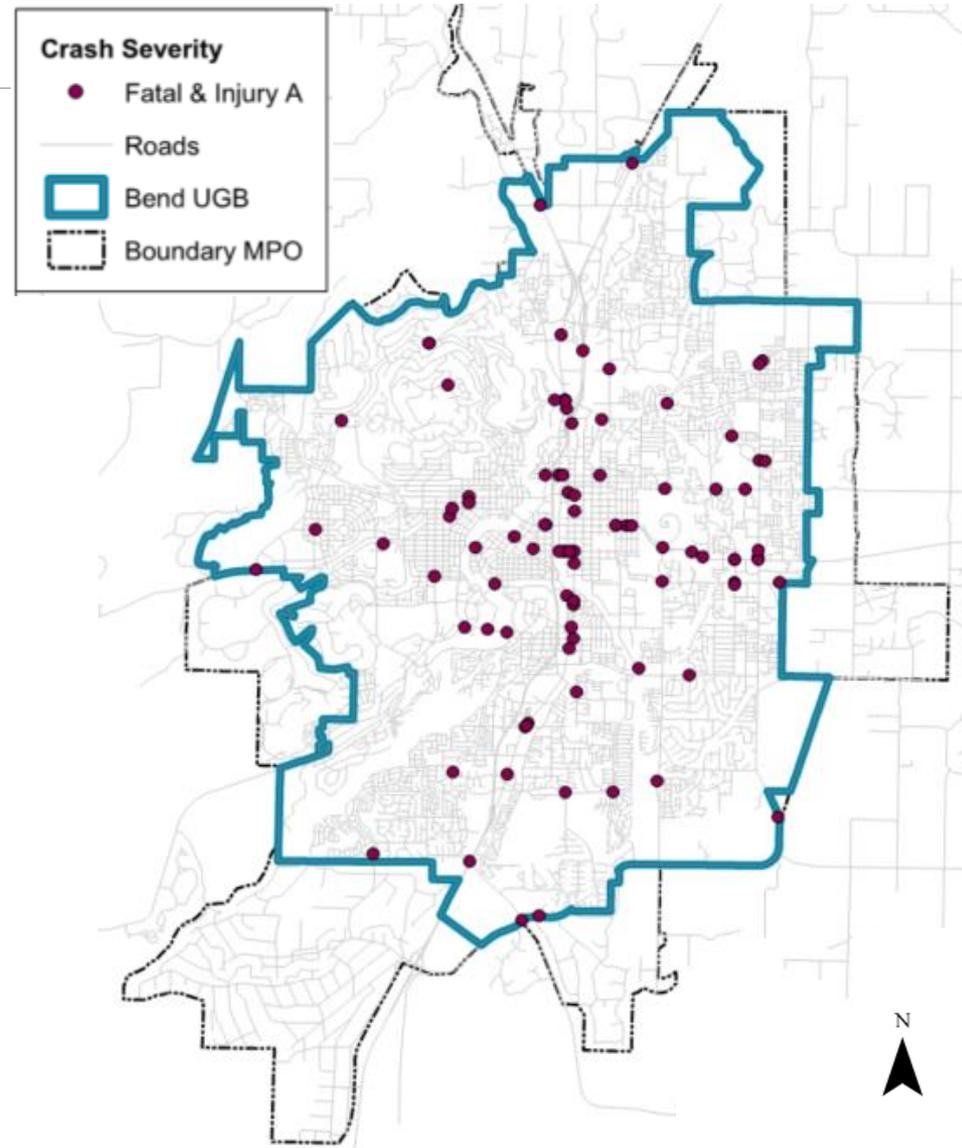
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BEND CRASH ANALYSIS

CRASH SEVERITY BY LOCATION (2012-2016)

FATAL AND SERIOUS INJURY CRASHES (92)

41% of crashes in Bend resulted in an injury or fatality



DESCHUTES COUNTY CRASH ANALYSIS

COUNTY ROADWAY CRASH DATA (2012-2016)

Overall crash analysis (2012-2016)

Total Reported Crashes in
Unincorporated Deschutes County :



47% of crashes
resulted in injury or fatality

Injury crashes: 1,401 Non-injury crashes: 1,608

County Roads vs. State Highways

		Total		Fatal/Incapacitating	
	County Roads	1,519	 50%	77	 5%
	State Highways	1,490	 50%	97	 6%



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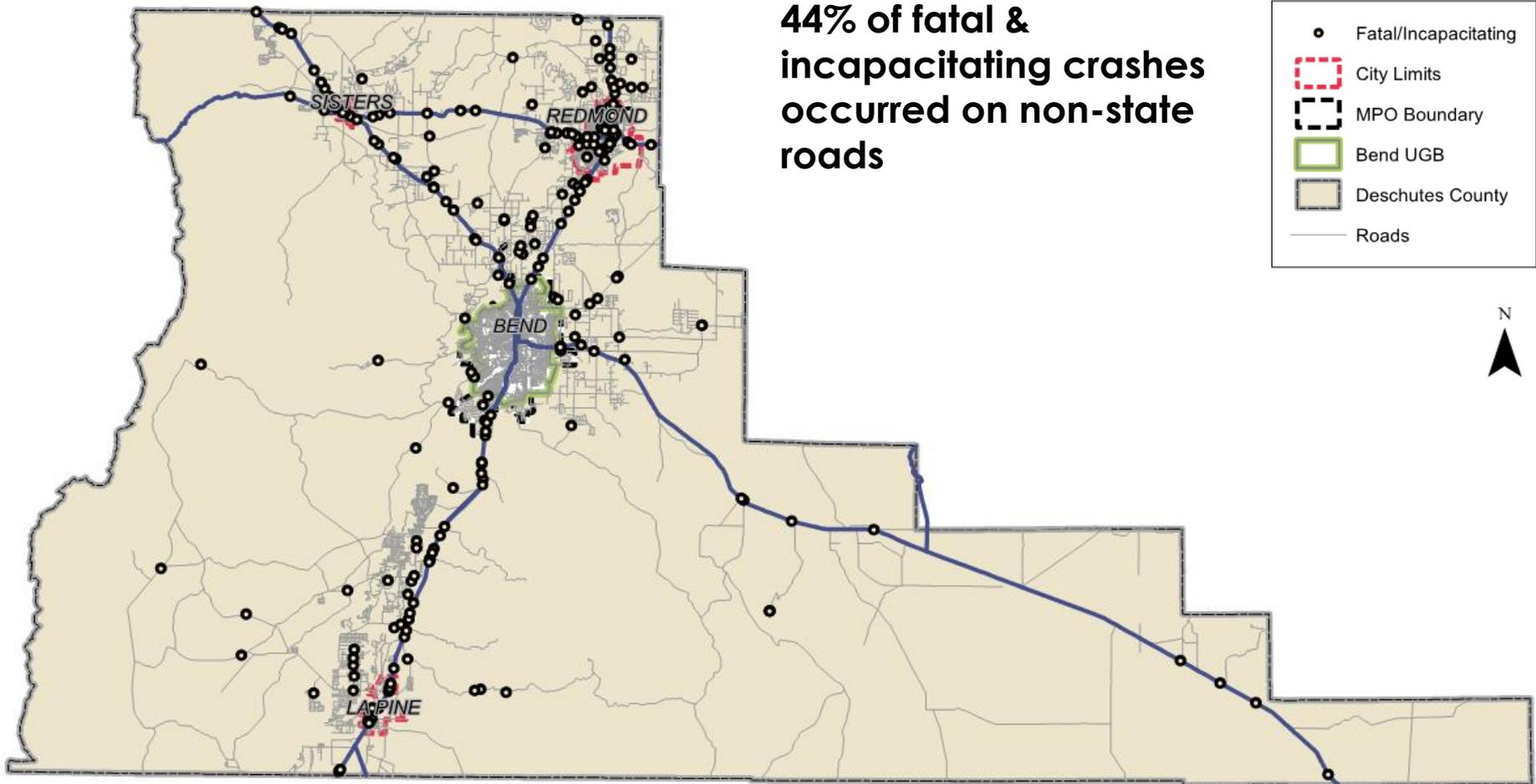


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DESCHUTES COUNTY CRASH ANALYSIS

CRASH SEVERITY

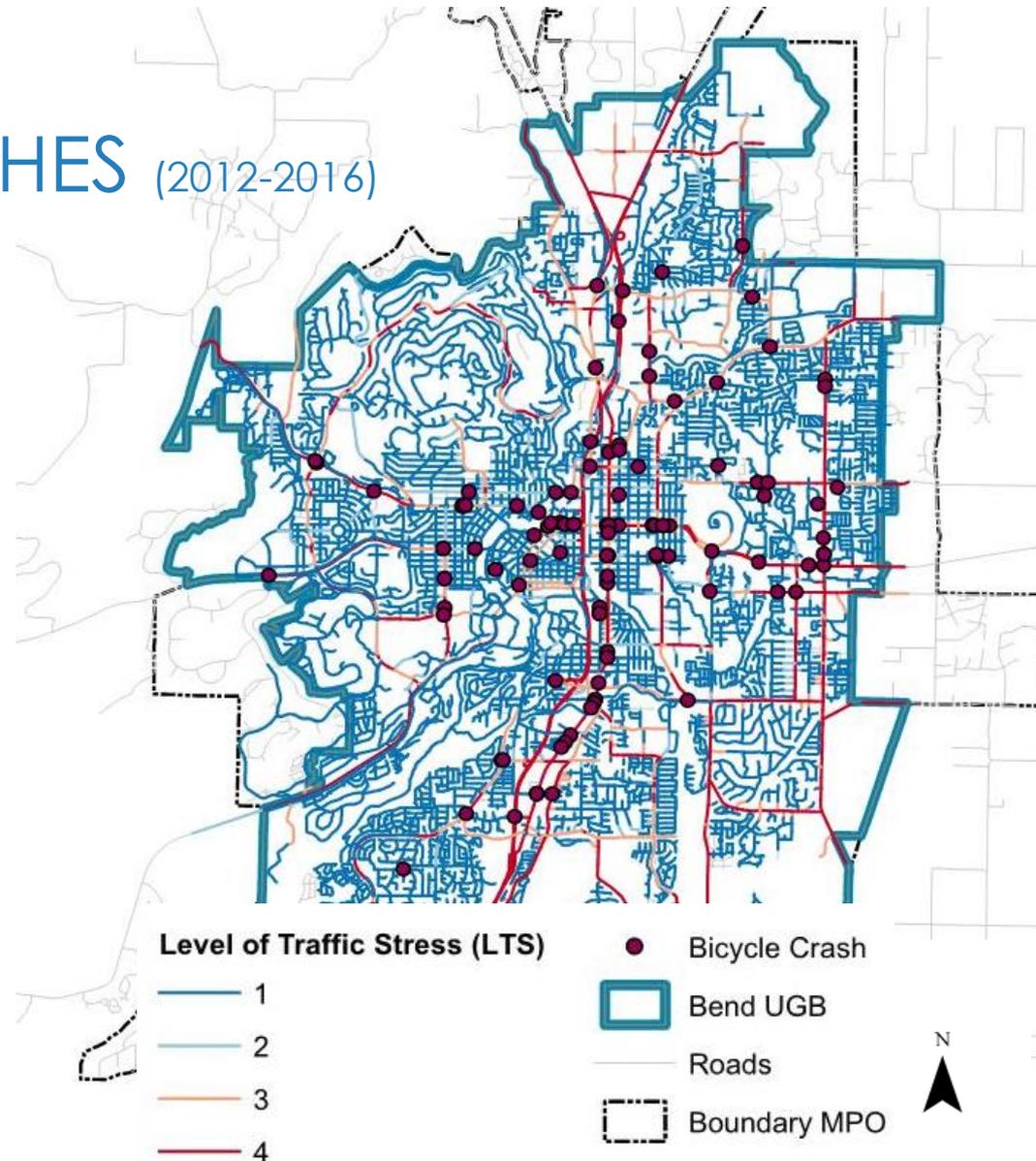
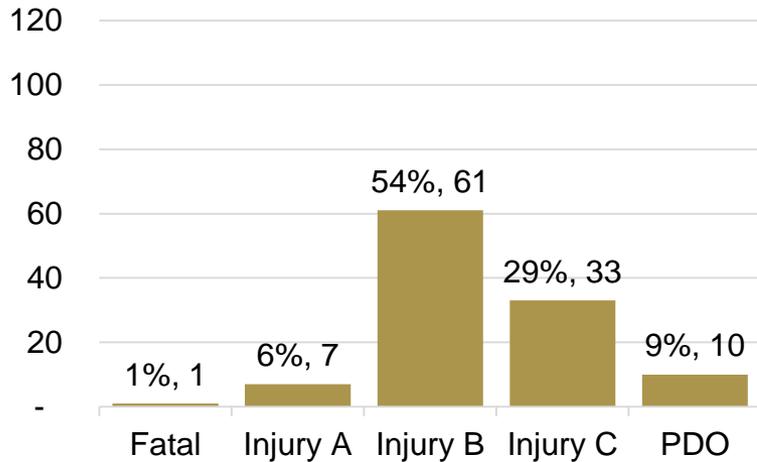
44% of fatal & incapacitating crashes occurred on non-state roads



VULNERABLE USERS

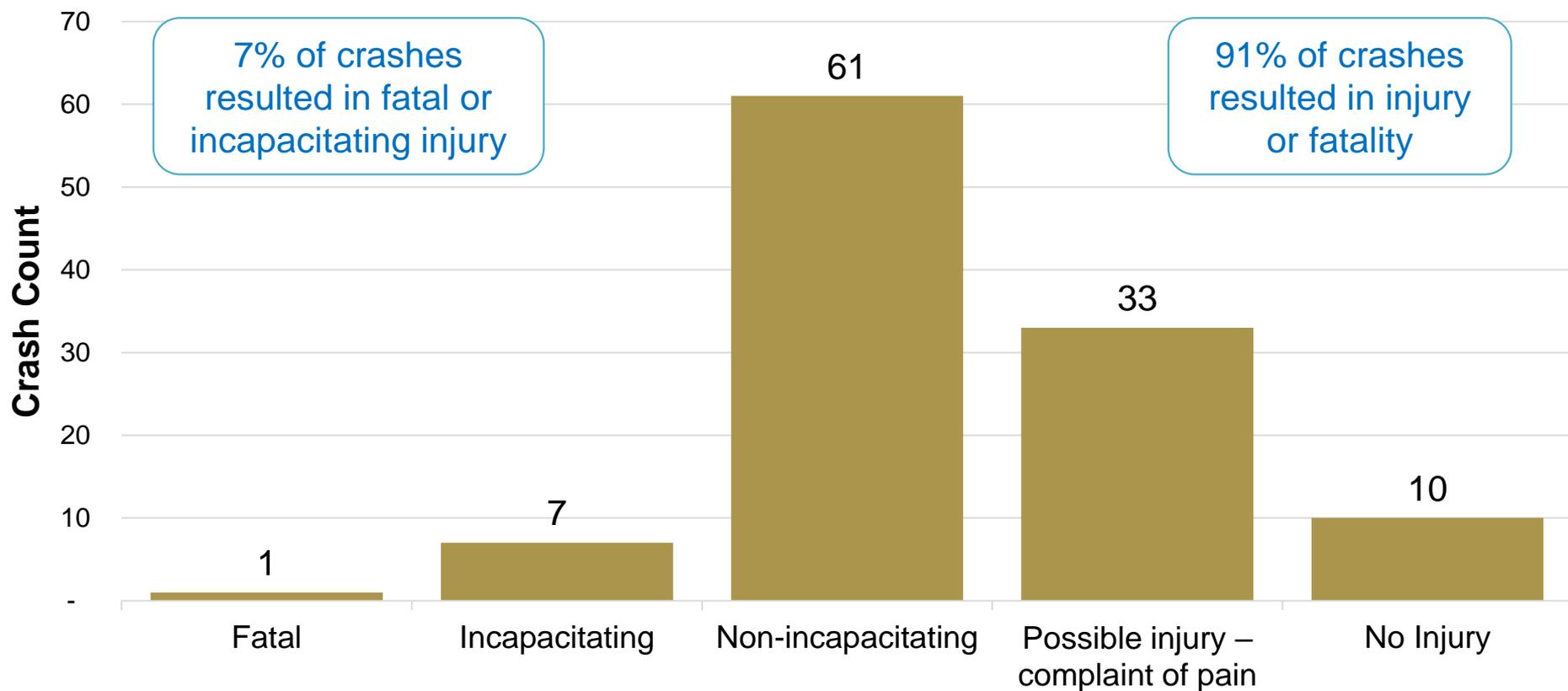
BEND BICYCLE CRASHES (2012-2016)

Bicyclist crashes account for 9% of fatal/incapacitating crashes in Bend



BICYCLIST CRASH DATA (2012-2016)

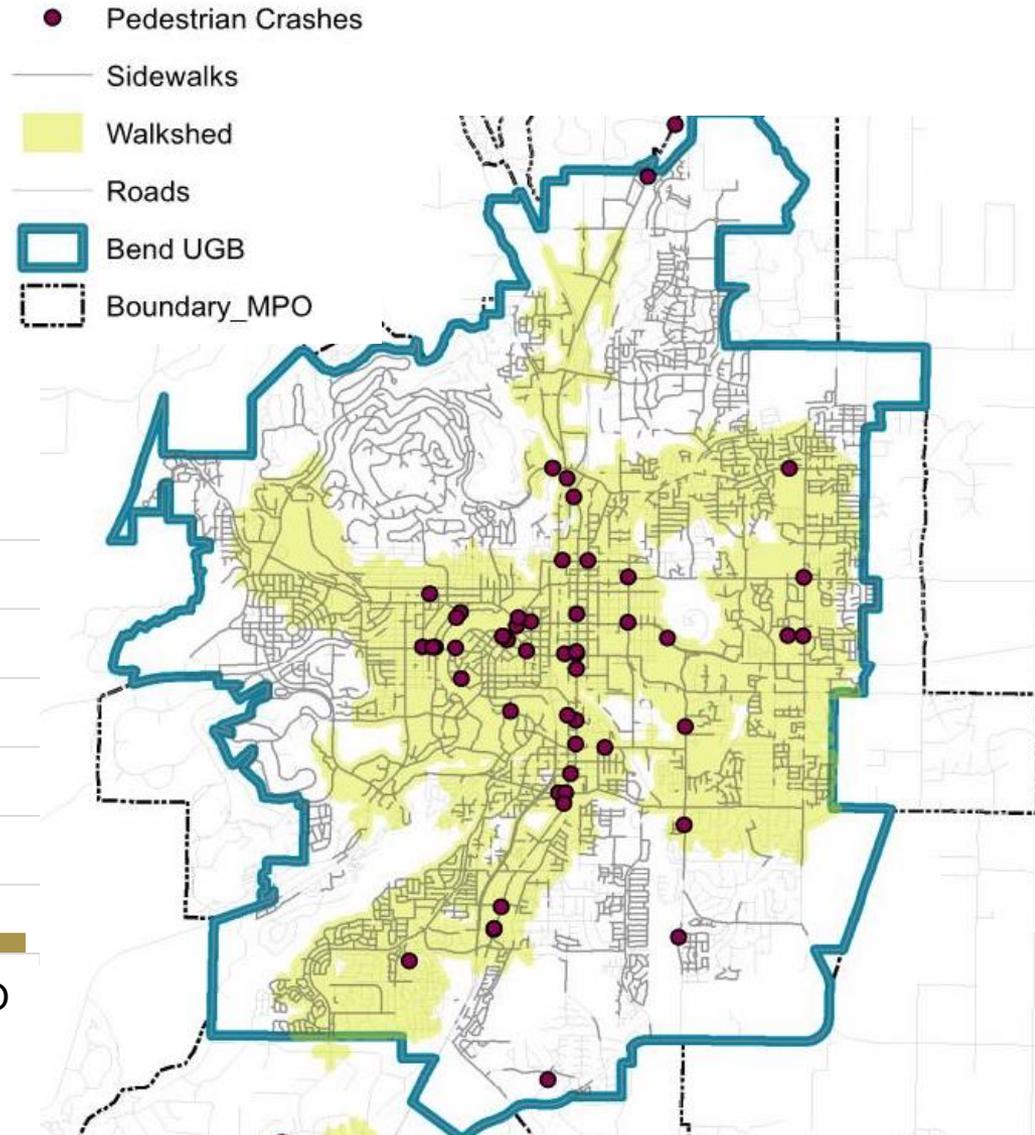
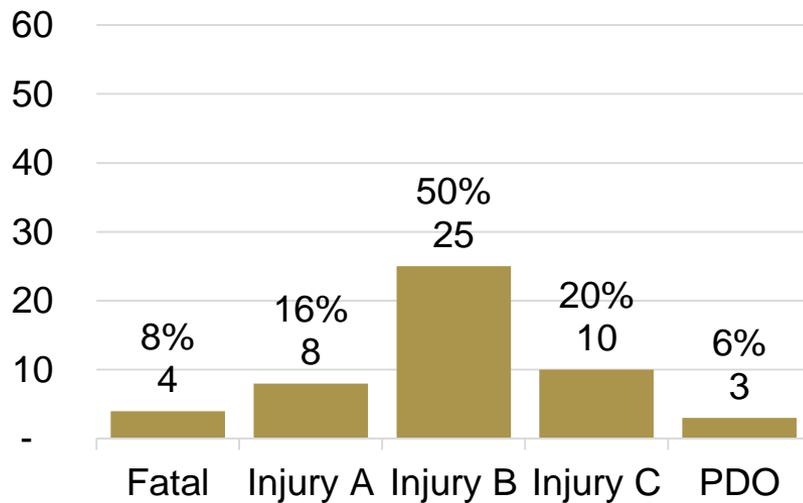
Bicyclist Crashes by Severity



VULNERABLE USERS

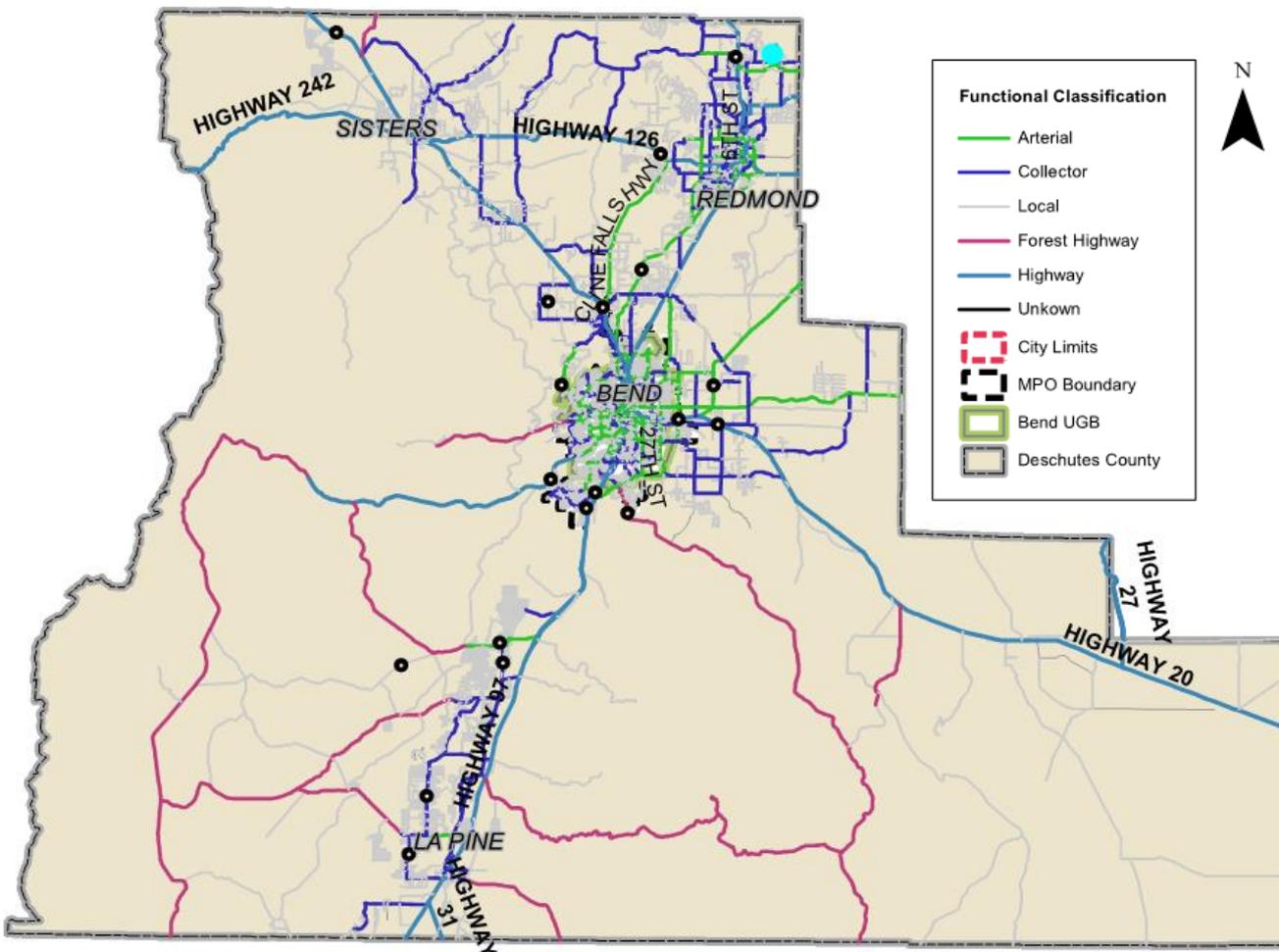
BEND PEDESTRIAN CRASHES (2012-2016)

Pedestrian crashes account for 13% of fatal/incapacitating crashes in Bend



VULNERABLE USERS – DESCHUTES COUNTY DATA 2012-2016

PEDESTRIANS AND BICYCLISTS



Pedestrian: 4 crashes (non-state roads)
Bicycle: 15 crashes (non-state roads)
All reported pedestrian/bicyclist crashes resulted in injury

75% of bicyclist crashes occurred on non-state roads



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VULNERABLE USERS

BEND MOTORCYCLE CRASHES (2012-2016)

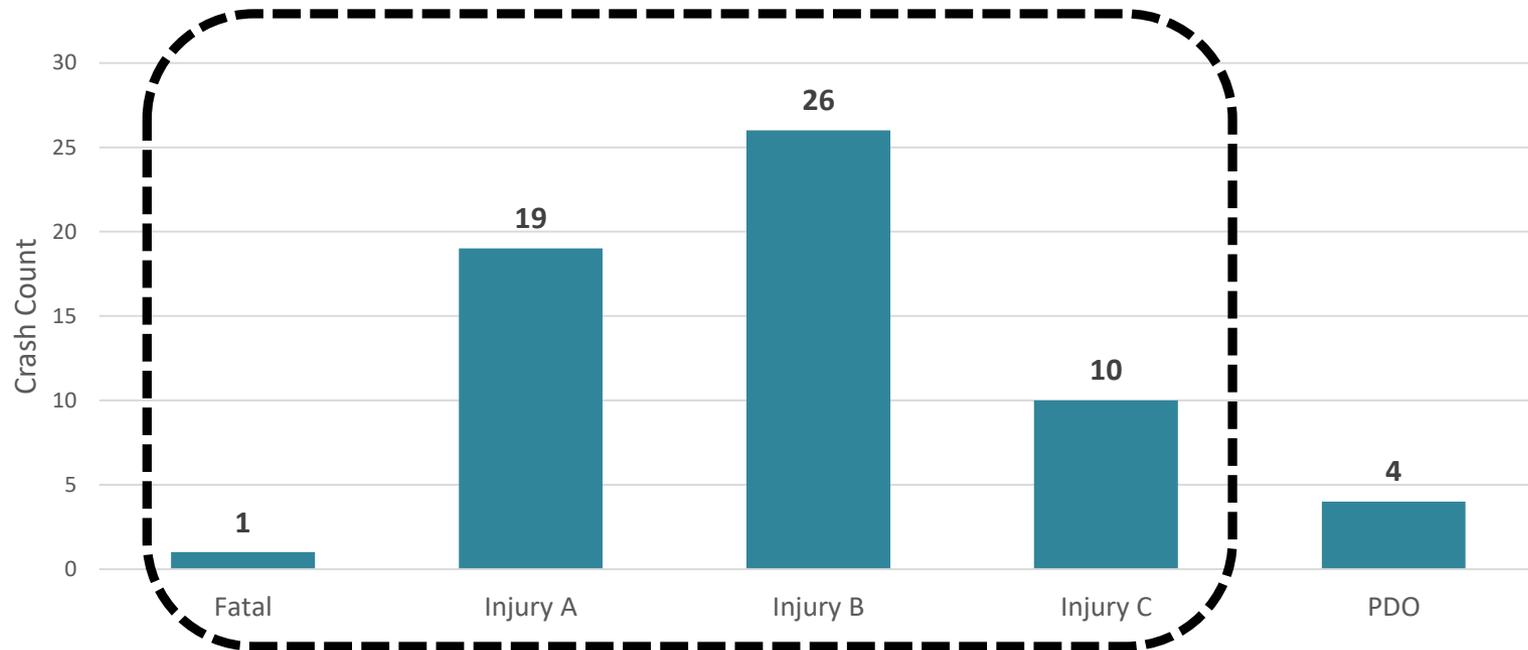
- **16% of fatal/incapacitating crashes** involved motorcycles
- **85% of motorcycle crashes resulted in injury or fatality**
- Most common motorcycle collision types:
 - Turning movement, rear-end, and non-collision crashes



VULNERABLE USERS

DESCHUTES COUNTY MOTORCYCLE CRASHES

(2012-2016)



18% of fatal/incapacitating crashes involved motorcycles



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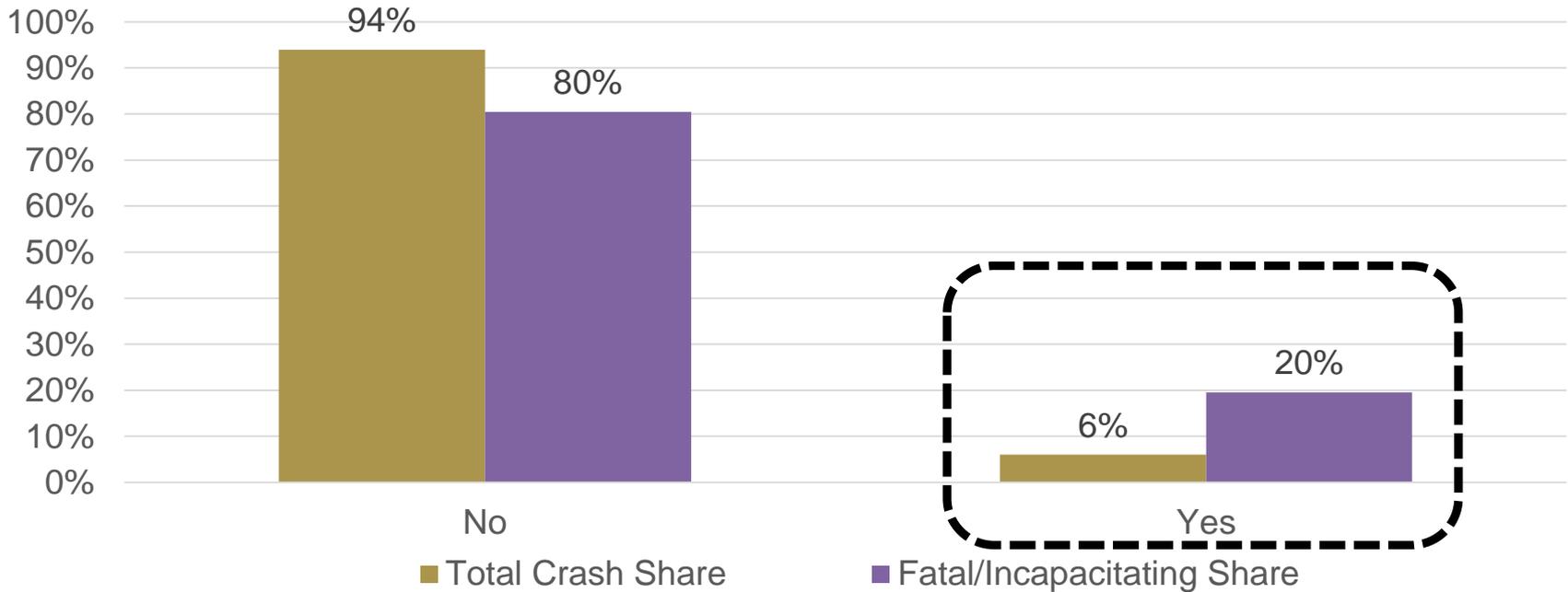


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BEHAVIORAL CHARACTERISTICS

BEND ALCOHOL/DRUG INVOLVED CRASHES

(2012-2016)



20% of fatal/incapacitating crashes in Bend involved alcohol or drugs



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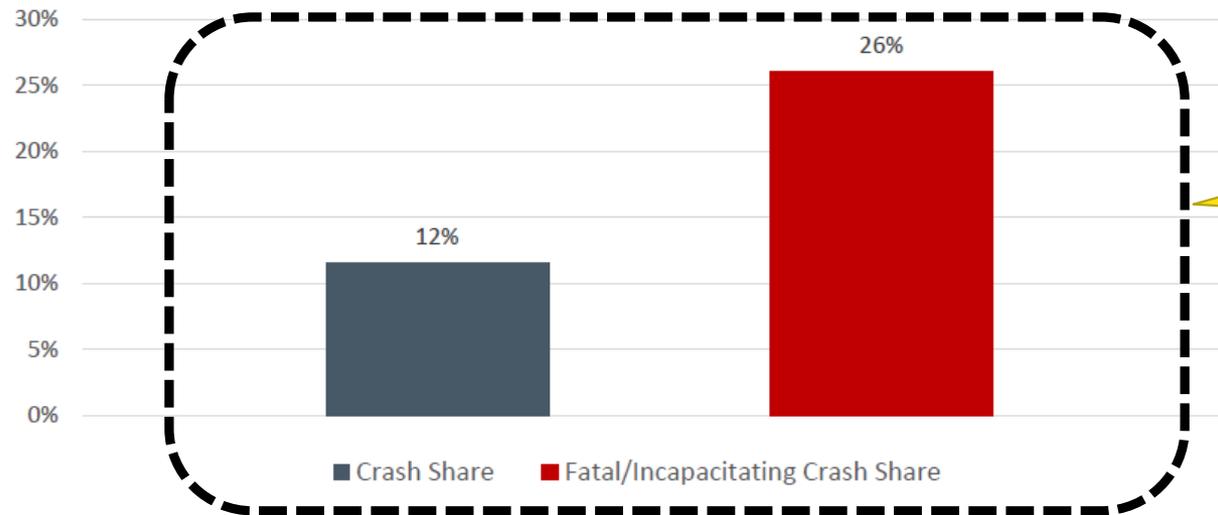
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BEHAVIORAL CHARACTERISTICS

DESCHUTES COUNTY

ALCOHOL/DRUG INVOLVED CRASHES (2012-2016)

Figure 34: County Facility by Alcohol and Drug Crashes, Deschutes County (Unincorporated) 2012 – 2016

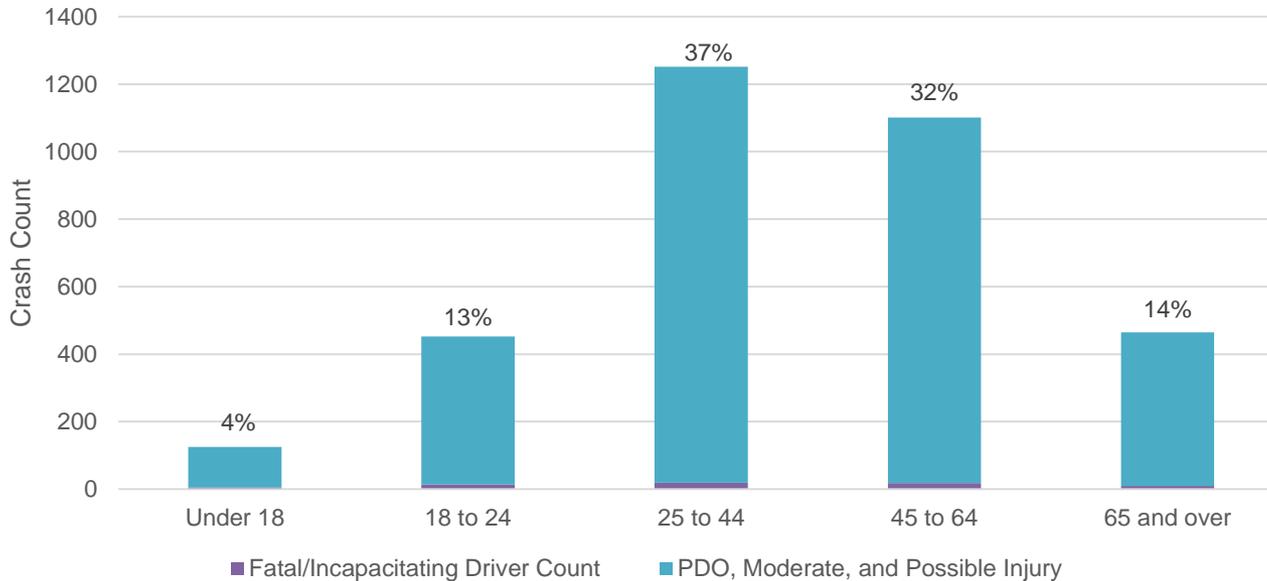


For State facilities in the County, the Alcohol/drug involvement was slightly lower at 6 percent of all crashes and 22 percent of fatal/incapacitating crashes.



VULNERABLE USERS

BEND YOUNGER DRIVERS (2012-2016 CRASHES)



29% of fatal/incapacitating crashes involved drivers under age 25



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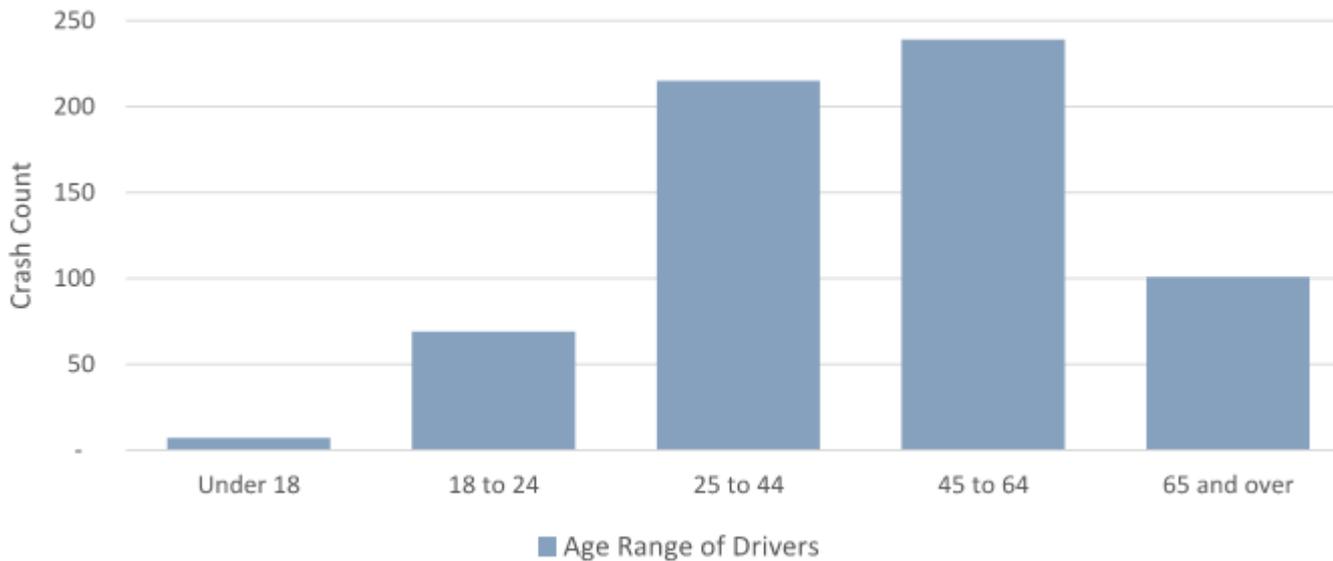


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VULNERABLE USERS

DESCHUTES COUNTY OLDER DRIVERS

(2012-2016 CRASHES)



13% of fatal/incapacitating crashes in Deschutes County Study Area involved drivers age 65 and over



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SUMMARY OF EMPHASIS AREAS IN BEND

- Roadway Characteristics
 - *Light conditions**
 - *Snow/ice**
 - Intersection crashes
- Behavior
 - *Speeding**
 - *Alcohol/drug use**
- Vulnerable Users
 - *Motorcycles**
 - *Pedestrians**
 - *Bicycles**
 - Younger Drivers

* Emphasis area results in both Bend and Deschutes County crash data (2012-2016)



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SUMMARY OF EMPHASIS AREAS IN DESCHUTES COUNTY

- Roadway Characteristics
 - *Light conditions**
 - *Snow/ice**
 - Roadway departure crashes
- Behavior
 - *Speeding**
 - *Alcohol/drug use**
 - Roadway departure crashes
- Vulnerable Users
 - *Motorcycles**
 - *Pedestrians**
 - *Bicycles**
 - Older drivers

* Emphasis area results in both Bend and Deschutes County crash data (2012-2016)



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DETAILED ANALYSES & IMPACT

- Planning process included detailed evaluations at several locations with specific recommendations
- Example: US97/Powers Rd intersection
- See the full report for more design concepts @ www.bendoregon.gov/transportationsafety

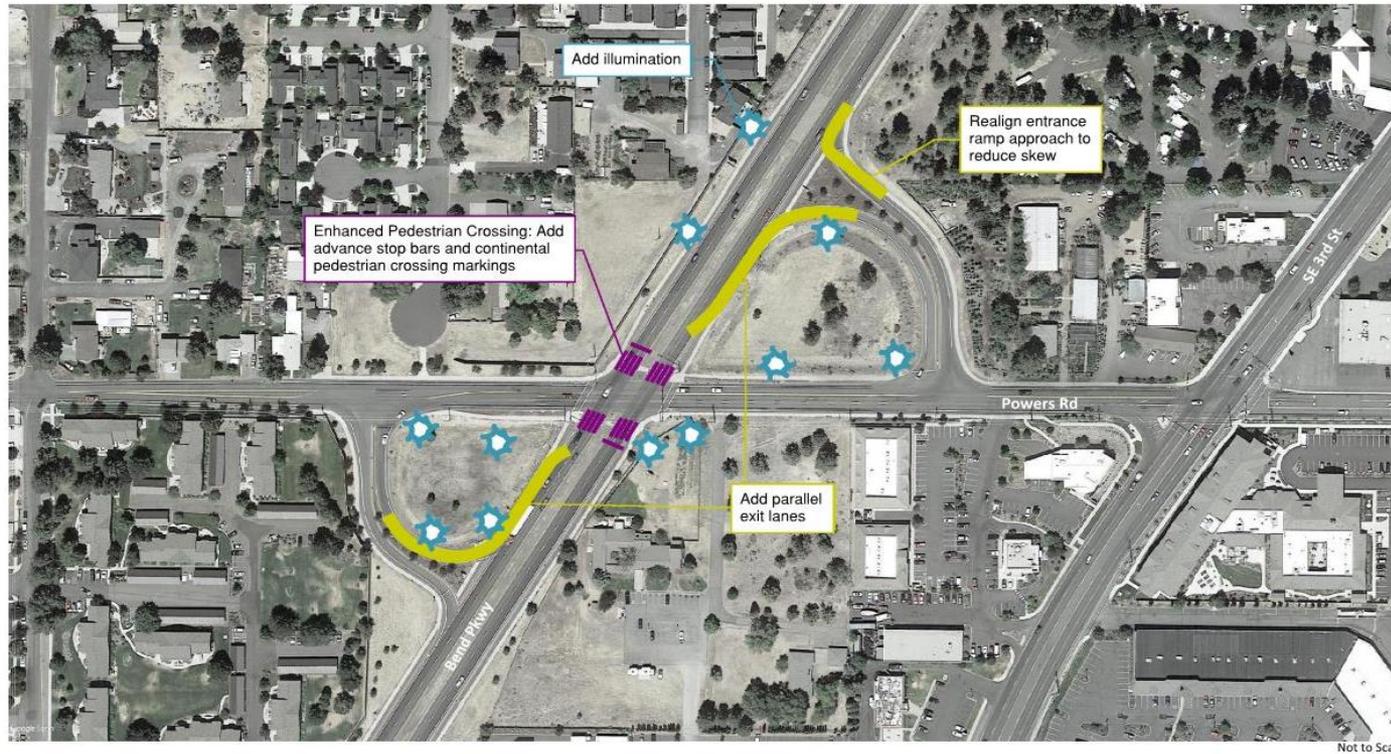


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Highway 97 & Powers Road Area Concepts



Install a deceleration lane.

Realign the entrance ramp to reduce intersection skew and improve sight distance

Evaluate additional illumination levels.

NEXT STEPS

- ✓ ODOT funding to begin work on non-infrastructure action items (fall 2020-fall 2021)
- ✓ Current CIPs and STIP include many projects to address high crash locations
- ✓ The Bend report is integrated into the MTP and Bend TSP with performance measures and action items
- Deschutes County updates to the TSP and CIP will use the County TSAP details



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UPDATES TO POLICY BOARD

Are you interested in more MPO Policy Board detailed updates on the TSAP?

- Bi-annual or annual updates?
- Only new data updates?
- More topics could include:
 - Crash Types/Trends
 - Action Items
 - Emphasis Areas
 - Updates to Analysis with 2017-2018 data



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DISCUSSION & NEXT STEPS

- Questions?
 - Jovi Anderson (janderson@bendoregon.gov)
 - Tyler Deke (tdeke@bendoregon.gov)
 - Chris Doty (Deschutes County TSAP)
(chris.doty@deschutes.org)

Access Bend and Deschutes County TSAPs at:
www.bendoregon.gov/transportationsafety



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- **Agenda Item #10 – Other Business – Justin Livingston**
 - **Agenda Item #11 - Public Comment – Justin Livingston**
 - **Agenda Item #12 – Next Policy Board meeting – Justin Livingston**
 - **Agenda Item #13 – Adjourn – Barb Campbell & Bob Townsend**