Public Open House
#1
Welcome!
The US20 at Tumalo Traffic Analysis will be guided by a group* of volunteer Advisory Committee (AC) members:

- **Tyler Deke**, Bend MPO
- **Chris Doan**, Knife River
- **Dave Thomson**, Deschutes County Bicycle and Pedestrian Advisory Committee
- **Peter Russell**, Deschutes County Planning
- **Cody Smith**, Deschutes County Public Works
- **Paul Garrison**, Deschutes County Sheriff’s Office
- Deschutes Rural Fire District 2
- Eagle Crest Resort (HOA)
- **Susan Bethers**, Oregon State Parks
- **Justin Nicklous**, Redmond School District
- **Steve Davidson**, Tumalo Business Association
- Twin Bridges Scenic Bikeway

*TBD: Up to 3 more members will be selected from a pool of interested community members.

Pick up your application and return by February 13th to be considered for the AC!
Thank you for attending!

Visit the project website to keep up-to-date on project events and deliverables

https://www.US20atTumalo.com

Before you leave:

• Return your comment card
• Mark your home, property, or business on the map
• Consider applying for the Stakeholder Committee
Place a dot near where you live, work, or own property.
Place a dot near where you live, work, or own property.
Anticipated Project Schedule

2018

Phase 1
Traffic Analysis

January

2019

Phase 2
Concept Refinement & Preliminary Design

March
May
July
September

2020

2021

Phase 3
Right of Way Acquisition & Final Design

2022

Outreach Meetings

- Stakeholder Committee Meeting
- Public Meeting
• Initial Project (2008 – 2012)

  • **Short term solutions** (1-5 year): Installed in 2010 (including raised curb median at US20/7th Street)

  • **Long-term solutions** (5-20 years): 18 alternatives were initially developed and screened by ODOT and local partners.* At the conclusion of the public process, two concepts were adopted into the Deschutes County TSP as potential long-term solutions for the future project; an overcrossing at O.B.Riley/Cook Ave and an undercrossing at O.B. Riley/Cook Ave.

*ODOT had a moratorium on roundabouts; therefore, a roundabout was not included in the original screening process
• **Current Project (2018 – present)**
  - ODOT and Deschutes County have partnered to develop the project to 30% design in order to establish the project footprint and begin the R/W acquisition process. Kittelson & Associates has been retained and will be developing the preliminary design.

• **Phase 1:** Perform traffic analysis and an alternatives analysis to evaluate both previously adopted concepts and new potential solutions, including a multi-lane roundabout, that will be included in Phase 2 of the project.

• **Phase 2:** Refine potential concept alternatives and conduct an extensive public outreach process to gain broad community and stakeholder input on potential solutions, to ultimately determine the preferred concept plan for the project. Develop the preferred concept plan to 30% design.

• **Phase 3 (not yet funded):** Begin the right-of-way acquisition process and develop the project to Final Design.
Project Goals

Please provide your feedback on the following proposed goals that will serve as the guiding principles for the project

Overall Goal: *Develop the long-term solution to address safety and congestion in the vicinity of the US20/O.B. Riley Road-Cook Ave intersection*

**Project Goals:**

- **Livability:** provide for a high quality of life by providing transportation options and considering community values and interests.

- **Mobility:** provide a safe and efficient transportation system for all modes of travel, including local trips, through trips on the highway, emergency services, and freight.

- **Safety and Health:** enable people to safely and comfortably drive, walk, run or cycle in and through the community, including along and across US 20.

- **Accessibility:** provide infrastructure that supports accessible transit, bicycle, and pedestrian accommodations for all users.

- **Financial Responsibility:** use resources efficiently and invest in infrastructure that will serve the community and statewide highway for years to come.

- **Economic Vitality:** encourage visitors and investment in the recreational, agricultural, business areas nearby and served by US 20.

- **Community:** provide infrastructure to encourage community interest and participation in walking and biking.
Project Objectives

Please provide your feedback on the following proposed project objectives

• Focus on the near- and long-term corridor “solutions” for alignment, safety, freight mobility, pedestrian & bicycle safety/operations.

• Identify and evaluate all potential at-grade and grade separated solutions for the US20/O.B. Riley Road-Cook Avenue intersection in conjunction with the development of the alternatives for US20.

• Provide a transportation network that accommodates local, commuter, and region traffic, including freight movements along US 20.

• Use transitional and traffic calming techniques to slow traffic to posted speeds.

• Link regional and local routes to key attractors on US 20, such as shopping, schools, residential areas, and other community destinations.

• Provide connections to natural areas and resources within and near the Tumalo community.

• Increase transportation choices on US 20 by adding or improving bicycle and pedestrian routes, crossing, and connections to transit, including a crossing at US 20 & O.B. Riley Road-Cook Avenue to serve the existing access to a scenic bike route.

• Solicit and consider broad community input through a robust public involvement process, including stakeholders and interested parties from Tumalo and other nearby areas, the freight industry and emergency services providers.

• Provide well-designed, visible, safe, and convenient access points and street/highway crossings.

• Address safety, comfort, and security of people walking and biking.
Existing Conditions - Operations

- System peaks in evening (4:35-5:35 pm)
- Side street turning movements exceed capacity and mobility standards at: O.B. Riley Rd/Cook Ave
- 95th % queue exceeds mid block spacing for westbound movement at US 20/O.B. Riley Rd – Cook Ave
2012-2016 Data

• 13 total reported crashes during 5 year study period at US20/O.B. Riley-Cook Avenue

• No fatal crashes

• 69% injury, 31% Property Damage Only (PDO)

• Total Crashes at: US20/7th St = 1 US20/5th St = 4
Accommodations for overdimensional vehicles will need to be considered as design is further refined.

ROW will need to be acquired on all 4 quadrants.
US20/O.B. Riley-Cook Half Diamond Single Point Interchange

- Relocation of Trailer World driveway from 7th to Strickler Ave.
- Relocation of Tumalo Feed Co. driveway from Bailey Rd. to Wood Ave.
- Impacts to ROW on both sides of US20
- Relocation and lowering of Knife River driveway
- Closure of 5th St. and Bruce Ave. with cul-de-sacs
- Possible ROW needed for conversions at US20/7th
- ROW needs/retaining walls needed along off-ramp will impact property in SE quadrant
- ROW needs/retaining walls needed along on-ramp will impact property in SE quadrant
US20/O.B. Riley-Cook Half Diamond
Single Point Interchange Hybrid

- Relocation of Trailer World driveway from 7th to Strickler Ave.
- Closure of 5th St. and Bruce Ave. with cul-de-sacs
- US20/5TH STREET
- Possible ROW needed for conversions at US20/7th
- Relocation of Tumalo Feed Co. driveway from Bailey Rd. to Wood Ave.
- Impacts to ROW on both sides of US20
- ROW needs/retaining walls needed along off-ramp will impact SE lot
- Relocation and lowering of Knife River driveway
- ROW needs/retaining walls needed along on-ramp will impact property in SE quadrant