



Project Advisory Committee (PAC) Meeting #1  
April 23, 2020  
3:00 pm - 5:00 pm

# KLAMATH COUNTY TRANSPORTATION SYSTEM PLAN

Image Source: MB298 - Own work, CC BY-SA 4.0,  
<https://commons.wikimedia.org/w/index.php?curid=61088251>



# MEETING AGENDA

- **Introductions and Virtual Meeting Etiquette**
- **Project Overview**
- **PAC Member Introductions**
- **Plans, Policy, and Funding Review (Tech Memo #1)**
- **Project Goals, Objectives, & Evaluation Criteria (Tech Memo #2)**
- **Methodology Memo**
- **Discussion: Transportation Issues**
- **Next Steps**

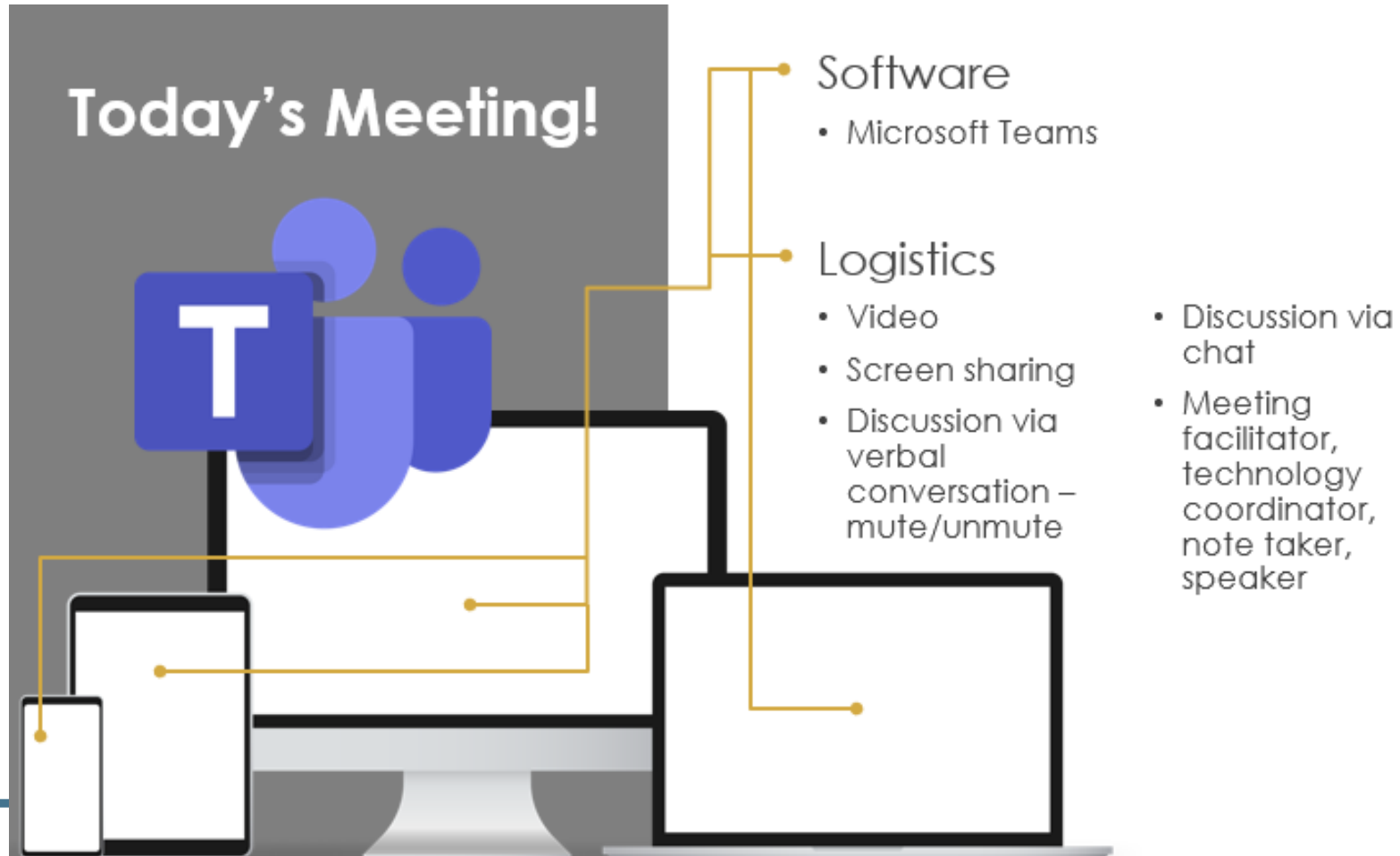


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# VIRTUAL MEETING ETIQUETTE



# VIRTUAL MEETING ETIQUETTE

- Mute your screen unless you are talking
- Video and audio only options
- We will use the conversation bar for clarifying questions only. Keep other questions for the prompted discussion periods.
- Meeting will be recorded

## **“Sign In” Sheet**



Please post your name and email in the chat box.



# Finding the Chat Box

MB

AD

BG

WW

Click  
this  
icon

35:37




## Meeting chat


▶ Marc Butorac and 4 others joined the meeting.

▶ bgale@bendoregon.gov joined the meeting.

▶ Wende Wilber joined the meeting.

 Amy Donald 8:43 AM 👍 4 +1  
Test 1

8:43 AM 👍 4  
Test 2

 bgale@bendoregon... 8:44 AM 👍 4  
test 3

# PROJECT TEAM INTRODUCTIONS

- **Devin Hearing, ODOT Region 4 Planning**
- **Jeremy Morris & Mike Zarosinski, Klamath County**
- **Consultant team**

Kittelson & Associates, Inc.



Marc Butorac  
Project Principal



Ashleigh Ludwig  
Project Manager



Jacki Gulczynski  
Deputy PM



Quinn Wallace  
Analyst

Angelo Planning Group



Darci Rudzinski  
Project Manager



CJ Doxsee  
Planner



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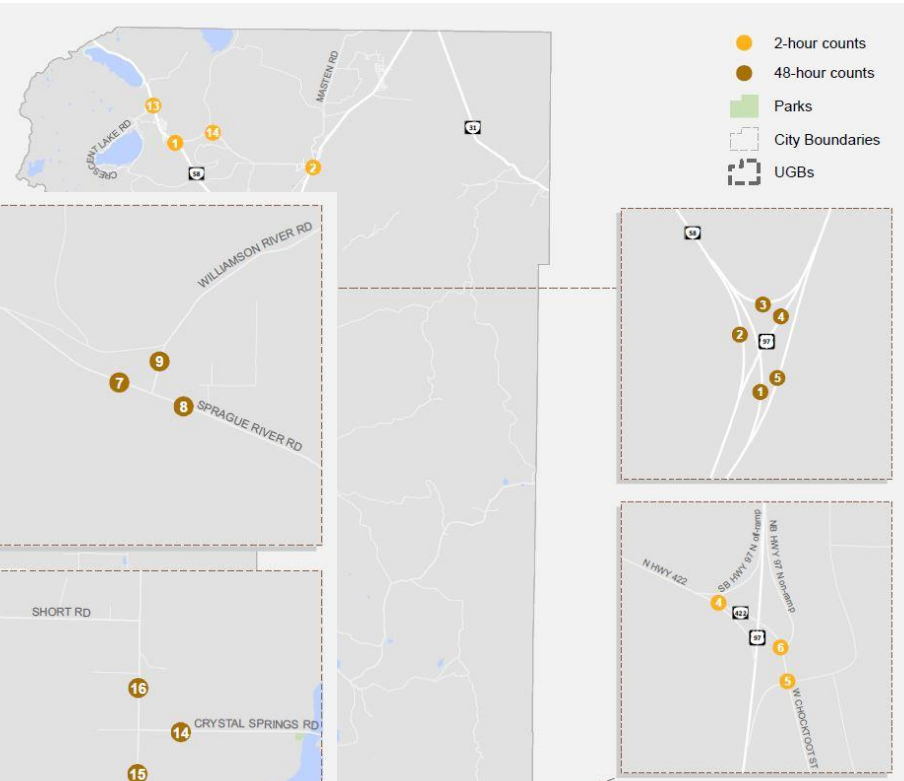
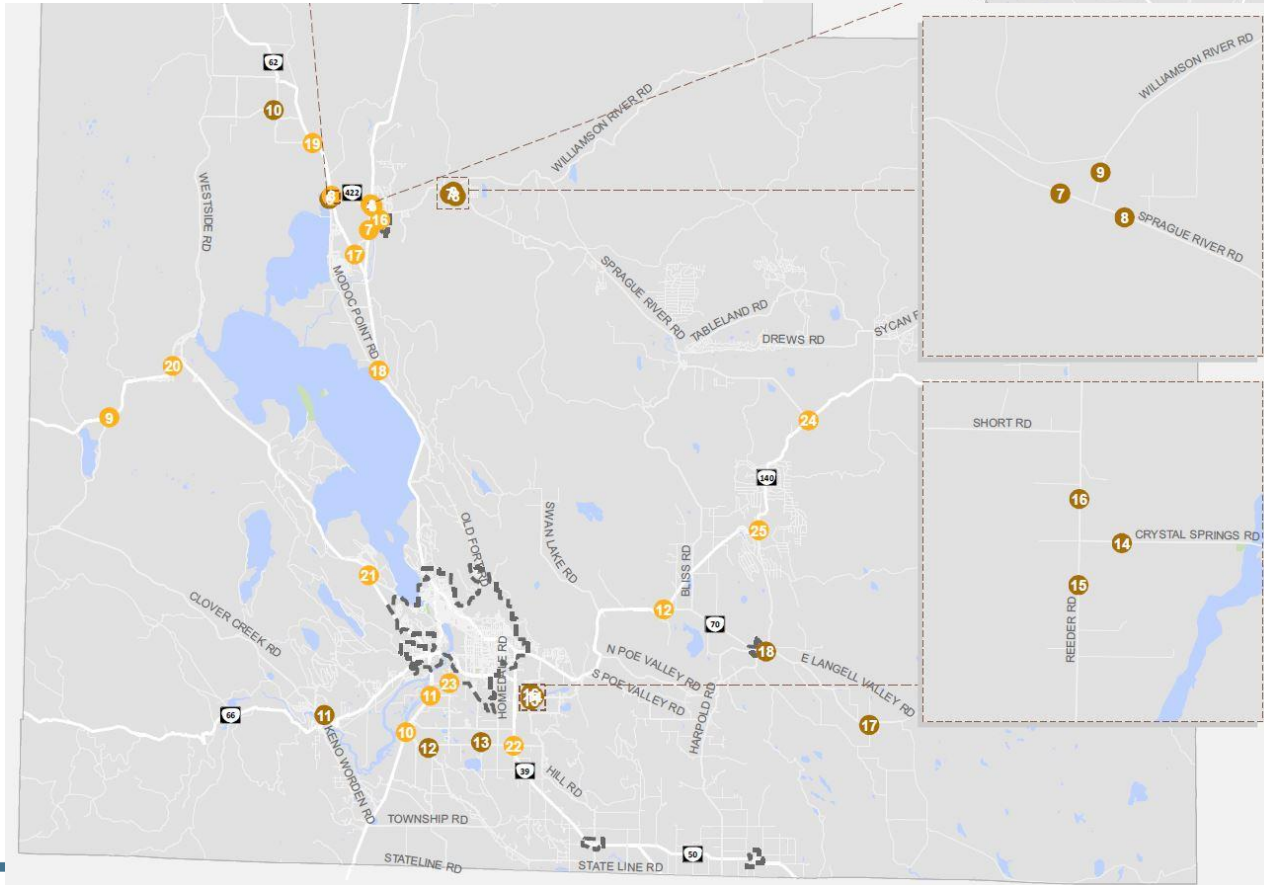


# PROJECT PURPOSE AND NEED

- **Purpose of the TSP**
  - To guide the management and development of transportation facilities within Klamath County
  - To provide and encourage a safe, convenient, and economic transportation system
- **The TSP provides a 20-year vision for the County**



# PROJECT STUDY AREA



- 2-hour counts
- 48-hour counts
- Parks
- City Boundaries
- UGBs

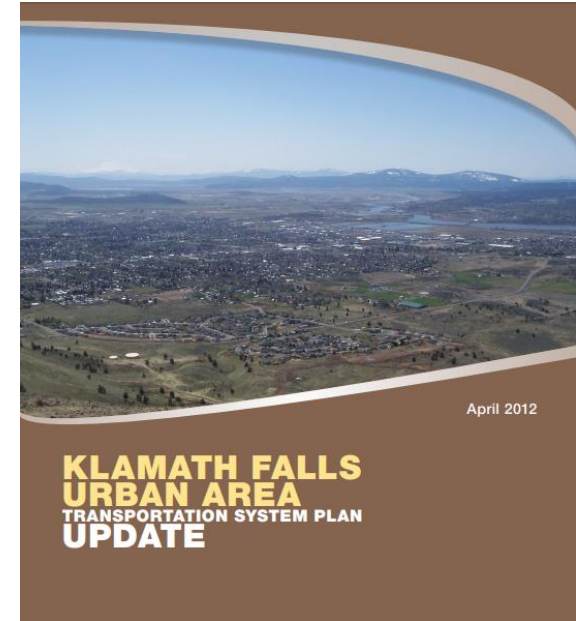
Figure 1 in  
Methodology Memo



**Oregon  
Department  
of Transportation**







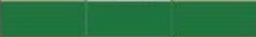




# COORDINATION WITH URBAN AREA TSP

- **Klamath Falls Urban Area TSP (2012)**
  - Includes area inside the Urban Growth Boundary (UGB)
    - Some County roads within this area
- **County's TSP Update**
  - No additional analysis of roads within UGB
  - Urban Area TSP will be amended to capture County's plans and cost estimates for County roads only



# PROJECT SCHEDULE

2020 | 2021

month	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	
Virtual Open Houses															
Project Advisory Committee Meetings															
Plans & Policy Review															
Transportation System Conditions, Deficiencies, and Needs															
Development & Analysis of Solutions															
Draft TSP															
Adoption															



We Are Here

Note: After PAC Meeting #1, the Project Team has decided to postpone Public Open House #1 to August. A revised schedule will be available on the project website.



# ROLES AND RESPONSIBILITIES

- **Project Advisory Committee**

- Review draft memoranda prior to PAC meetings
- Attend and actively contribute input to PAC meetings
- Attendance at public workshops is highly recommended (if in person)
- Represent community interests
- Provide guidance to consultants

- **Consultant Team**

- Facilitate PAC meetings
- Provide draft reports to the PAC with adequate time for review prior to meetings
- Consult with ODOT on technical analysis methodology
- Attend and facilitate Public Workshops (in person and virtual)
- Provide final reports, incorporating comments from the PAC and public



# ADVISORY COMMITTEE MEMBERS

Name	Interest/Agency Represented
John Davis	Local Business Representative (Green Diamond)
Anna Bennett	Klamath Tribes Representative
Bill Carlson	Merrill Representative (Mayor)
Bob Stolle	ODOT Rail
Brandon Fowler	County Emergency Services/Public Safety
Cheri	Bonanza Representative (Treasurer)
Chris Cheng	ODOT Active Transportation Planner
Chrys Dawes	School District
Dan & Judi Dunn	Rural Residential Neighborhoods (Sprague River)
David Hirsch	ODOT Traffic Operations Engineer
Derrick DeGroott	Board of Commissioner Representative
Drew Honzel	Bicycle and Pedestrian Advocates
Dylan Webb	Crescent/Gilchrist Representative
Erik Nobel	County Planner
Gary Zieg	Malin Representative (Mayor)
Heather Tramp	Chamber of Commerce
Jarod Johnson	ODOT Area Manager
Jennifer Little	County Health Department Representative
Julia Bettles	Chiloquin Representative (Mayor)
Joe Wall	City of Klamath Falls City Planner
John Barsalou	Klamath Falls Airport

Name	Interest/Agency Represented
John Bellon	County and City Parks and Recreation
John Ketchum	Rural Residential Neighborhoods (Keno)
Kelly Beegle	Local Business Representative (JeldWen)
Kelsey Mueller	Blue Zones Project
Mark Barrett	ODOT Region 4 Traffic Manager
Mark Willrett	City of Klamath Falls Public Works Representative
Merritt Driscoll	Blue Zones Project
Mike Cook	Chiloquin/Fort Klamath
Mike Davis	ODOT District 11 Manager
Mike Stinson	Basin Transit Service Representative
Nathan Cherpeski	City of Klamath Falls
Nikki Jackson	Local Business Representative (AirGuard)
Rachel Zakem	COIC Representative
Ron Woita	Local Business Representative (Sky Lakes)
Sandra Fox	Oregon Institute of Technology
Scott Edelman	Oregon DLCD
Scott Souders	City of Klamath Falls
Steve Jacques	ODOT District 11 Manager
Theresa Conley	ODOT Regional Transit Coordinator
Tom Crist	County Parks
Zach Gilmore	Bicycle and Pedestrian Advocates



# REVIEW PROCESS

Week	Mon	Tues	Wed	Thu	Fri
1				<b>Consultant</b> provides draft materials to PMT	
2				<b>PMT</b> provides comments on the draft materials to Consultant	
3	<b>Consultant</b> provides revised draft materials to PAC			<b>PAC Meeting</b> Consultant provides overview of draft materials and leads discussion on key issues and decisions	
4					<b>PAC</b> members provide written comments to County
5				<b>County</b> provides consultant with consolidated comments from PAC members	
6				<b>Consultant</b> provides written summary of PAC Meeting <b>Consultant</b> delivers final memoranda to the County/ODOT	

# PROJECT WEBSITE – KLAMATHCOUNTYTSP.COM



## Klamath County TSP Update



Klamath County is currently updating its Transportation Systems Plan (TSP). The County's current TSP was last updated in 2010 and is key to managing the County's changing transportation demands, due to recent population growth, economic development, and changing commute patterns.

HOME

LATEST NEWS

MEETINGS

PROJECT TEAM MEMBERS

DOCUMENTS

## Draft Documents

Draft documents will be posted here for review throughout the project as they are posted.

[Project Overview Memo](#)

[Draft Plans and Policy Review Memo](#)

[Draft Methodology Memo](#)

[Draft Goals and Objectives Memo](#)





# INTRODUCTIONS

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- **Your background**
- **Your interests in relation to the project/area**
  - What do you think are the top two transportation issues in the County?
- **How do you define success for this TSP?**



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# PLANS AND POLICY FRAMEWORK

- **Outlines the policy and regulatory framework for transportation planning in Klamath County**
- **Reviews relevant adopted policy and regulatory requirements at the state and regional/county level**
- **Identifies potential projects or needs that should be coordinated with this planning effort and/or reflected in the updated TSP**



# PLANS AND POLICY FRAMEWORK

- **State Plans**

- Statewide Planning Goals
- Oregon Transportation Plan
- Oregon Bicycle and Pedestrian Plan
- Oregon Public Transportation Plan
- Oregon State Rail Plan
- Oregon Aviation Plan
- Access Management Rule
- Transportation Planning Rule (OAR 660-012)
- Statewide Transportation Improvement Program
- ODOT Highway Design Manual



# PLANS AND POLICY FRAMEWORK

- **County Plans**

- Klamath County Comprehensive Plan
- Klamath County 2010-2030 Transportation System Plan
- Klamath Falls Urban Area Transportation System Plan Update
- Green Springs Oregon 66 Interchange Area Management Plan
- Airport Master Plans
- Klamath County Land Development Code
- Klamath County Department of Public Works Standards Drawings
- Transportation Budget
- Klamath County Transit Plans
- Klamath Falls Urban Trail Master Plan
- Safe Routes to School Master Plan



# PLANS AND POLICY FRAMEWORK

- **Key Takeaways**

- Ensure consistency with statewide policies and OARs
- Build on robust regional transit planning efforts
- Integrate the TSP with local plans (e.g., Urban Area TSP, SRTS, IAMP)
- Track/coordinate with plans currently being updated
- Consider code amendments to ensure consistency with updated TSP objectives and expected outcomes



# PLANS AND POLICY FRAMEWORK

- **Open Discussion and Questions**

- Was the project relevance captured correctly?
- Are there any other projects or relevant policy directions from documents not included?
- Questions, comments, concerns?

## Example Project Relevance Statement (2010 TSP):

**Project Relevance:** The TSP update process will review the goals, objectives, standards, and recommended projects from the County's existing TSP to determine what needs to be retained or changed in the updated TSP. This planning process will update recommended transportation improvement projects for all modes, based on existing and projected needs. Updated data, stakeholder and community involvement, and evaluation criteria (see Technical Memorandum #2) will be used in making these recommendations.





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# DRAFT TSP GOALS & OBJECTIVES

## • Goals

- Safety
- Environment
- Economic Development
- Equity
- Coordination and Outreach
- Transportation and Land Use
- Implementation



KLAMATH COUNTY  
TRANSPORTATION SYSTEM PLAN

1001 SW Enkay Drive, Suite 140  
Bend, OR 97702  
P 541.312.8300

## TECHNICAL MEMORANDUM



Date: April 22, 2020 Project #: 24113  
To:  
From: Ashleigh Ludwig, AICP, PE, Jacki Gulczynski, Quinn Wallace  
Project: Klamath County TSP Update  
Subject: Draft Technical Memorandum #2: Goals, Objectives, and Evaluation Criteria

The purpose of this memorandum (memo) is to propose a comprehensive set of goals, objectives, and evaluation criteria that meet the current and anticipated mobility needs of the County's communities, align with regional goals and values, and will enhance the quality of life in Klamath County. The goals, objectives, and evaluation criteria included in the TSP will guide how transportation improvements are selected and evaluated for the TSP's 20-year horizon.

The goals, objectives, and evaluation criteria proposed in this memo draw on the previous County 2010 TSP, and the Klamath Falls Urban Area TSP and support Statewide Land Use Planning Goal 12: "to provide and encourage a safe, convenient, and economic transportation system."<sup>1</sup> It should be noted that these goals, objectives, and evaluation criteria apply to those areas and transportation facilities in the County located outside of the Klamath Fall Urban Growth Boundary (UGB). The transportation system located within the Klamath Falls UGB is guided by the goals, objectives, and evaluation criteria documented in the Klamath Falls Urban Area TSP.

This memo is organized into three sections:

- **Background** – This section describes the changing context of Klamath County and the role of the TSP in meeting dynamic mobility needs. Specific demographic, economic, transportation, and policy changes that have occurred since 2010 are named in this section.
- **Purpose, Goals, and Objectives** – The purpose of the TSP and an overview of the proposed goals are provided in this section. Objectives are detailed in subsections that correspond to each proposed goal.
- **Evaluation Criteria** – The section provides a methodology for identifying and assessing transportation projects and policies based on the goals and objectives.

## BACKGROUND

Since the TSP was last updated in 2010, Klamath County has seen several changes in its communities and in local policies:<sup>2</sup>

- Klamath County's population increased from 66,380 in 2010 to 67,653 in 2019, totaling an approximately 2% increase.
- As the national economy recovered, economic development, and notably freight activity, increased in Klamath County and have continued to grow.

<sup>1</sup> Oregon's Statewide Planning Goals & Guidelines, Goal 12: Transportation, OAR 660-015-0000(12). Retrieved from: <https://www.oregon.gov/DES/planning/StatewidePlanningGoalsandGuidelines.aspx>  
<sup>2</sup> Statistics retrieved from the U.S. Census Bureau: <https://www.census.gov/data/tables/2019/states/07.html>  
Kittelsohn & Associates, Inc., Portland, Oregon



# DRAFT TSP GOALS & OBJECTIVES

- **Safety**

- Provide a transportation system that is safe and secure for all transportation modes and for people of all abilities.

- **Environment**

- Create a sustainable and resilient transportation system, while minimizing environmental impacts of the transportation system, improvement projects, and maintenance.



# DRAFT TSP GOALS & OBJECTIVES

- **Economic Development**

- Provide a transportation system that facilitates a thriving economy through the efficient movement of goods and easy access to economic opportunities.

- **Equity**

- Maximize the benefits of the transportation system to all users by improving conditions and access for affordable mobility options, including walking, biking, taking transit, and ridesharing, and minimize potential negative impacts of transportation projects to communities or groups.



# DRAFT TSP GOALS & OBJECTIVES

- **Coordination and Outreach**

- Maintain communication with neighboring counties, local, state, and federal governments, stakeholders, private sector partners, and community members through effective coordination and outreach.

- **Transportation and Land Use**

- Provide a transportation network that appropriately connects local land uses and anticipates mobility needs with changes in land uses.



# DRAFT TSP GOALS & OBJECTIVES

- **Implementation**

- Implement timely transportation improvements and maintenance projects that are feasible, provide a positive return on investment, and adequately funded.



# DRAFT TSP GOALS & OBJECTIVES

- **Evaluation Criteria**

- Qualitative process based on the goals will be used to evaluate solutions identified in the TSP
  - Most Desirable (+2)
  - Moderately Desirable (+1)
  - No Effect (0)
  - Least Desirable (-1)
- Scores will be used to inform discussion about tradeoffs and benefits of solutions during the prioritization process



# FEEDBACK – GOALS AND OBJECTIVES

- *Do these goals and objectives capture the community values?*
- *Is anything missing?*
- *Should anything be modified or removed?*





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# DRAFT – METHODOLOGY MEMO



KLAMATH COUNTY  
TRANSPORTATION SYSTEM PLAN

1001 SW Emkay Drive, Suite 140  
Bend, OR 97702  
P 541.312.8300

## TECHNICAL MEMORANDUM



Date: April 3, 2020 Project #: 24113  
To: Devin Hearing, ODOT Region 4  
Jeremy Morris, Klamath County  
From: Ashleigh Ludwig, AICP, PE, Jacki Gulczynski, Quinn Wallace  
Project: Klamath County TSP Update  
Subject: DRAFT Methodology Memorandum

This memorandum documents the methodology and assumptions that will be used to complete the existing and future transportation conditions and alternative analyses for the Klamath County Transportation System Plan Update (TSP) update. The methodology and assumptions included in this memorandum are based on guidance provided in the Oregon Department of Transportation (ODOT) Transportation System Plan Guidelines (Reference 1), the ODOT Analysis Procedures Manual (APM – Reference 2), and direction provided by Klamath County (County) and ODOT staff. The methodology and assumptions described in this memorandum will be used to help identify potential gaps and deficiencies in the transportation system, including:

- ▶ Traffic operations at the study intersections under existing and future traffic conditions.
- ▶ Traffic safety at the study intersections and along study area roadways.
- ▶ Facilities and performance of the bicycle and pedestrian network.
- ▶ Facilities and performance of the transit service (service frequency, hours, coverage, etc.), and
- ▶ Facilities and performance of other travel modes.

This information will serve as a baseline for identifying a comprehensive list of needs (gaps and deficiencies) to be addressed as part of the TSP update. It will also serve as a baseline for identifying and evaluating potential solutions to address the needs and to develop a prioritized list of improvements for the TSP update.

### STUDY AREA

The study area for the TSP update includes the unincorporated areas of Klamath County, which excludes the incorporated areas of Klamath Falls<sup>1</sup>, Merrill, Bonanza, and Chiloquin. The focus of the TSP update is on the ODOT and County owned facilities in the unincorporated areas. Roads on federal lands (U.S. Bureau of Land Management and U.S. Forest Service) are not included in the study area and are instead under the jurisdiction of the federal agency.

### Study Intersections and Segments

Figure 1 identifies the study area and study intersections and segments. These intersections and segments are identified below. The study segments indicate the locations where traffic volume and speed data was collected.

<sup>1</sup> The Klamath County TSP Update does not address the needs within the Klamath Falls Urban Growth Boundary. Refer to the Klamath Falls Urban Area TSP Update for guidance ([https://www.oregon.gov/ODOT/Planning/TPOD/tpo/city/city-of-klamath-falls\\_tsp\\_2012.pdf](https://www.oregon.gov/ODOT/Planning/TPOD/tpo/city/city-of-klamath-falls_tsp_2012.pdf))

## • Purpose

- Outlines the methodology and assumptions that will be used for the existing and future operations analyses



# DISCUSSION

- What are the most important transportation challenges facing Klamath County?



# NEXT STEPS

- **Provide Input on Tech Memo #1 & #2**
- **Email or Mail Comments**
  - Send comments to Jeremy Morris by **Thursday, April 30<sup>th</sup>** [jmorris@klamathcounty.org](mailto:jmorris@klamathcounty.org)
  - Mail or drop off comments for Jeremy Morris at:  
*Attention: Klamath County Public Works  
305 Main Street,  
Klamath Falls, OR 97601*
- **Next PAC Meeting:**
  - June 11<sup>th</sup> 3:00 – 5:00 PM
  - Location: TBD, Virtual option will be provided
  - Topic: Tech Memo #3: Existing & Future Conditions & Needs
- **First Public Open House**
  - June 11<sup>th</sup>, 6:00 – 7:30 PM
  - Virtual Open House will be provided online
- **Questions?**
  - Ashleigh Ludwig ([aludwig@kittelson.com](mailto:aludwig@kittelson.com))
  - Jacki Gulczynski ([jgulczynski@kittelson.com](mailto:jgulczynski@kittelson.com))
  - Jeremy Morris ([jmorris@klamathcounty.org](mailto:jmorris@klamathcounty.org) )
  - Devin Hearing ([Devin.Hearing@odot.state.or.us](mailto:Devin.Hearing@odot.state.or.us))

**Note: After PAC Meeting #1, the Project Team has decided to postpone Public Open House #1 to August**

