

# Clackamas County Transportation System Plan Update

## Geographic Area Project Meeting #2

*East Area*

September 18<sup>th</sup>, 2012



CLACKAMAS COUNTY *Update*  
TRANSPORTATION SYSTEM PLAN



# Meeting Agenda

6:30 – 8:30 p.m.

- Meeting Purpose and Outcomes/ Agenda Overview
- Review Project Evaluation Approach
- Discuss Project Evaluation Recommendations
- Alternatives Analysis Scenarios
- Public Comments
- Next Steps

# Meeting Purpose and Outcomes

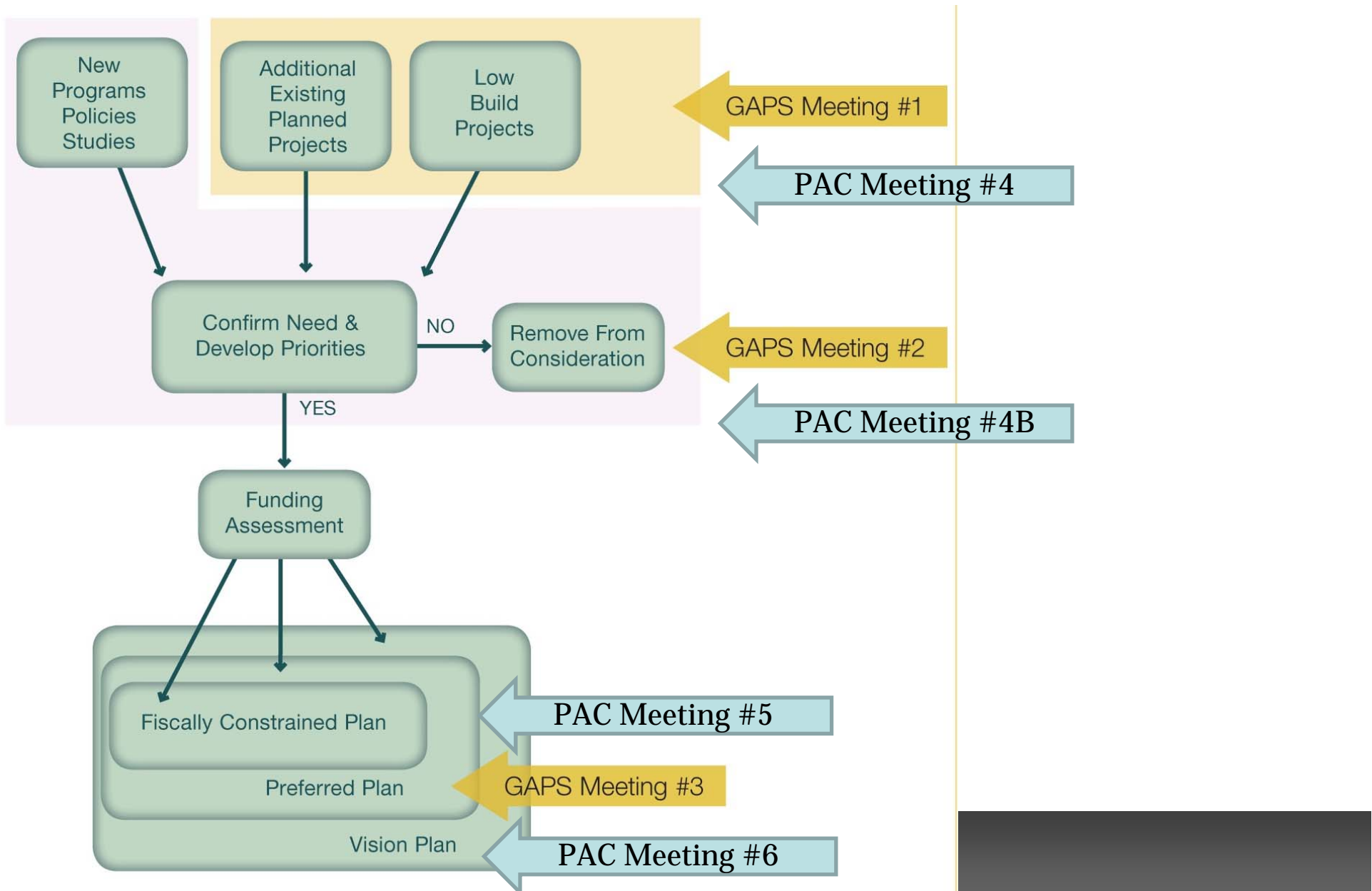
## > Purpose

- Review project evaluation approach
- Provide input on the draft project evaluation recommendations
- Discuss alternatives analysis scenarios

## > Desired Outcomes

- Understanding of project evaluation approach
- Agreement on Initial recommendation for each project under 'Action'
- Understanding of "Next Steps"

# Project Evaluation Process



# Project Evaluation Approach

- Identified Projects
  - Projects previously identified as needed (“*Previously Planned Projects*”)
  - Projects suggested by the public (“*Public Suggested Projects*”)
- Used what was learned in the “Existing Conditions” report to help determine if projects were still needed
- Made an assessment of how each project supported the goals
- Determined if additional projects were needed (“*New Identified Projects*”)
- Sounds simple, but....it was a very iterative process

# Previously Planned Projects

- These projects were identified in the following existing plans:
  - Clackamas County TSP (Chapter 5)
  - Clackamas County Pedestrian Master Plan
  - Clackamas County Bicycle Master Plan
  - Regional Transportation Plan
- These projects are numbered between U001-U999

# Public Suggested Projects

- Developed based on public input
- Project Numbers between U1000 – U1999

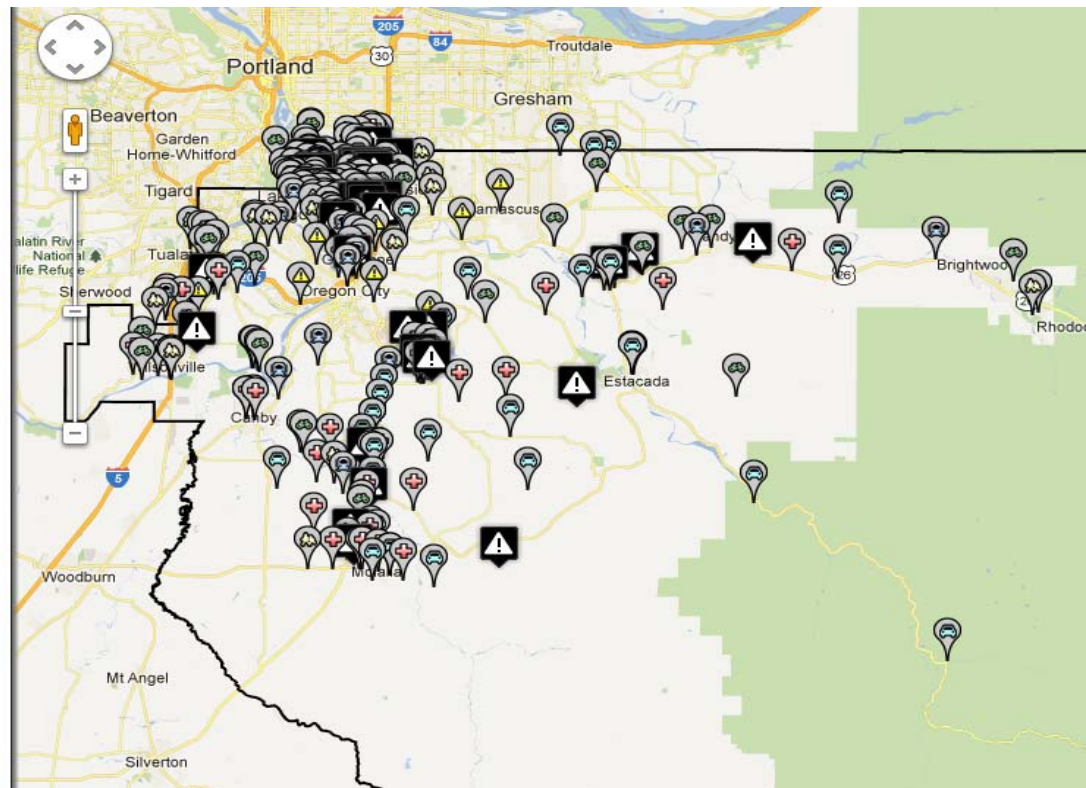
## CLACKAMAS COUNTY TSP — VIRTUAL WORKSHOP #1

Please tell us your ideas, concerns, and thoughts regarding the transportation system in the County.

[View a list of existing comments →](#)

Having trouble viewing or using the map? Please contact Erin Ferguson at [eferguson@kittelson.com](mailto:eferguson@kittelson.com) with your comments.

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CLACKAMAS COUNTY *Update*  
TRANSPORTATION SYSTEM PLAN



# New Identified Projects

- Address remaining gaps and deficiencies
- Developed projects with TSP Vision, Goals, and Objectives in mind
- Include roadway, pedestrian, bicycle, safety, and transit projects
- Project Numbers U2000 and greater



# Project Evaluation Approach

## Evaluation Considerations

### > Addresses a Gap? (Yes or No)

*A gap is defined as missing facilities or connections in the sidewalk system, the bicycle network and roadway connections, and densely populated areas without transit service.*

### > Addresses a Deficiency? (Yes or No)

*A deficiency is defined as facilities that do not perform up to defined standards, such as an intersection with too much delay and congestion, a sidewalk or bicycle lane that is too narrow, or a roadway with a poor safety history.*

### > Impact on Transportation System

*Description of how a project fills a gap or addresses a deficiency, if relevant.*

# Project Evaluation Approach

## > TSP Goal Assessment

*Determine whether project supports each goal based on data generated for the Existing and Future Conditions Report.*

○ = does not support goal,

◐ = somewhat supports goal, and

● = definitely supports goal.

- Goal 1 = Sustainable
- Goal 2 = Local Businesses and Jobs
- Goal 3 = Livable and Local
- Goal 4 = Safety and Health
- Goal 5 = Equity
- Goal 6 = Fiscally Responsible

# Project Evaluation Approach

- Three possible actions recommended for the project, based on the evaluation:
  - Advance in evaluation process,
  - Advance in evaluation process but revise, or
  - Consider removing.

# Project Evaluation Matrix

Attachment 2: Project Evaluation Matrix - East

9/10/2012

U000 - U999: Previously Planned Projects
1000 - 1999: Public Suggested Projects
2000 - 2999: New Identified Projects

**Legend**

	Does not support goal.
	Somewhat supports goal.
	Definitely supports goal.

TSP Update ID	RTP ID	Project Name / Street Name	Segment / Locations	Project Description	Addresses a Gap?	Addresses a Deficiency?	Impact on Transportation System	TSP Goal Assessment of Project						Action
								Goal 1: Sustainable	Goal 2: Local Businesses and Jobs	Goal 3: Liveable and Local	Goal 4: Safety and Health	Goal 5: Equity	Goal 6: Fiscally Responsible	
1011	-	US 26	US 26 / Haley Rd intersection	Install traffic signal, prohibit left turns off US 26, install ramp over US 26 for left turns	No	Analysis Needed	Improves capacity and safety							Consider removing
1012	-	OR 211	OR 211 / Eagle Creek Rd intersection	Install overhead illumination	No	Yes	Improves safety							Advance in evaluation process
1020	-	OR 211	OR 211 / Judd Rd intersection	Realign roadway	No	Yes	Improves safety and operations							Advance in evaluation process
1021	-	OR 211	OR 211 / OR 224 intersection	Install overhead illumination	No	Yes	Improves safety							Advance in evaluation process
1022	-	OR 224	Burnett	Provide a park and ride facility	No	No	Improves access to transit							Share with TriMet
1023	-	Eaglefern Rd	Eaglefern Rd/ Kilzmilller intersection	Determine appropriate traffic calming strategies	No	Yes	Improves safety							Advance in evaluation process
1031	-	OR 224	OR 224 / Eagle Creek Rd intersection	Provide a park and ride facility	No	No	Improves access to transit							Share with TriMet
1045	-	Springwater Trail	Gresham to Estacada and Government Camp	Extend Springwater Trail to Estacada and Government Camp	Yes	No	Improves bicycle and pedestrian network connectivity							Advance in evaluation process
1058	-	OR 224	In Mount Hood National Forest	Pave 8 additional miles east into Mount Hood National Forest	No	Analysis Needed	Provides roadway access to more natural areas.							Advance in evaluation process
1059	-	Marmot Rd	Ten Eyck Rd to Barlow Trail	Reassess functional classification of Marmot Rd	No	Analysis Needed	Roadway classification potentially needs to be changed.							Advance in evaluation process
1060	-	362nd, OR 211 and Proctor	362nd, OR 211 and Proctor	Bus route to connect with SAM in Sandy.	No	Analysis Needed	Extends transit service in vicinity of Sandy and provides additional transit connections							Share with SAM
1061	-	OR 211	Bornstedt Rd to City of Sandy	Widen road to provide shoulders for bike/ped access	Yes	Yes	Improves bike and pedestrian network access							Advance in evaluation process
1062	-	362nd Ave	US 26 to OR 211	Widen road to provide shoulders for bike/ped access	Yes	Yes	Improves bike and pedestrian network access							Advance in evaluation process
1075	-	OR 224	OR 224 and US 26	Extend OR 224 to US 26 via Skyline Road	Analysis Needed	No	Improves connectivity							Consider removing
1010	-	282nd Ave	282nd / Haley Rd intersection	Install traffic signal and lower speed limit on 282nd	No	Analysis Needed	Improves capacity and safety							Advance in evaluation process, but revise
2000	-	Bluff Rd	Kelso Rd to County boundary	Add shoulders / bikeways	Yes	No	Improves bicycle network connectivity							Advance in evaluation process
2001	-	Orient Dr	US 26 north to County line	Add shoulders / bikeways	Yes	No	Improves bicycle network connectivity							Advance in evaluation process
2002	-	Coalman Rd	City of Sandy to US 26	Add shoulders / bikeways	Yes	No	Improves bicycle network connectivity							Advance in evaluation process
2003	-	Barlow Trail Rd/ Lolo Pass Rd	Between communities of Timberline, Welches and Zig Zag	Add shoulders / bikeways	Yes	No	Improves bicycle network connectivity							Advance in evaluation process
2004	-	Howlett Rd	OR 211 to Wildcat Mountain Dr	Add shoulders / bikeways	Yes	No	Improves bicycle network connectivity							Advance in evaluation process
2005	-	Wildcat Mountain DR	OR 224 to Firwood Rd	Add shoulders / bikeways	Yes	No	Improves bicycle network connectivity							Advance in evaluation process
2006	-	352nd Ave / Dunn Rd	County boundary to Bluff Rd	Add shoulders / bikeways	Yes	No	Improves bicycle network connectivity							Advance in evaluation process
2007	-	Arrah Wanna Blvd	US 26 to Fairway Ave	Add shoulders / bikeways	Yes	No	Improves bicycle network connectivity							Advance in evaluation process
2008	-	Fairway Ave	Arrah Wanna Blvd to Salmon River Rd	Add shoulders / bikeways	Yes	No	Improves bicycle network connectivity							Advance in evaluation process

# Project Evaluation Recommendations

- Result of Project Evaluation Process:
  - Initial recommendation for each project under ‘Action’
  - Receive feedback from TAC, GAPS, PAC and public
  - Develop TSP Update Master Project List with projects recommended for further evaluation

# Project Evaluation Discussion

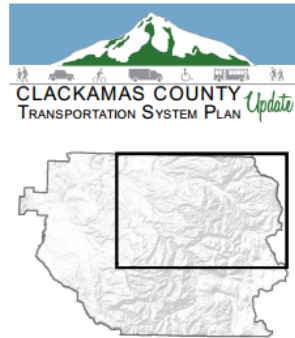
- Are there any specific project evaluations GAPS members would like to discuss?
- Are there any projects which do not seem reasonable to move forward in the evaluation process?
- Are there any project evaluations you do not agree with?
- Which projects are most essential to include in the TSP?

# Roadway, Pedestrian, and Bicycle Projects

## > Key Issues

- Intersection operation improvement needs
- Bringing roads up to standard for pedestrians and bicycles

# Roadway, Pedestrian, and Bicycle Projects



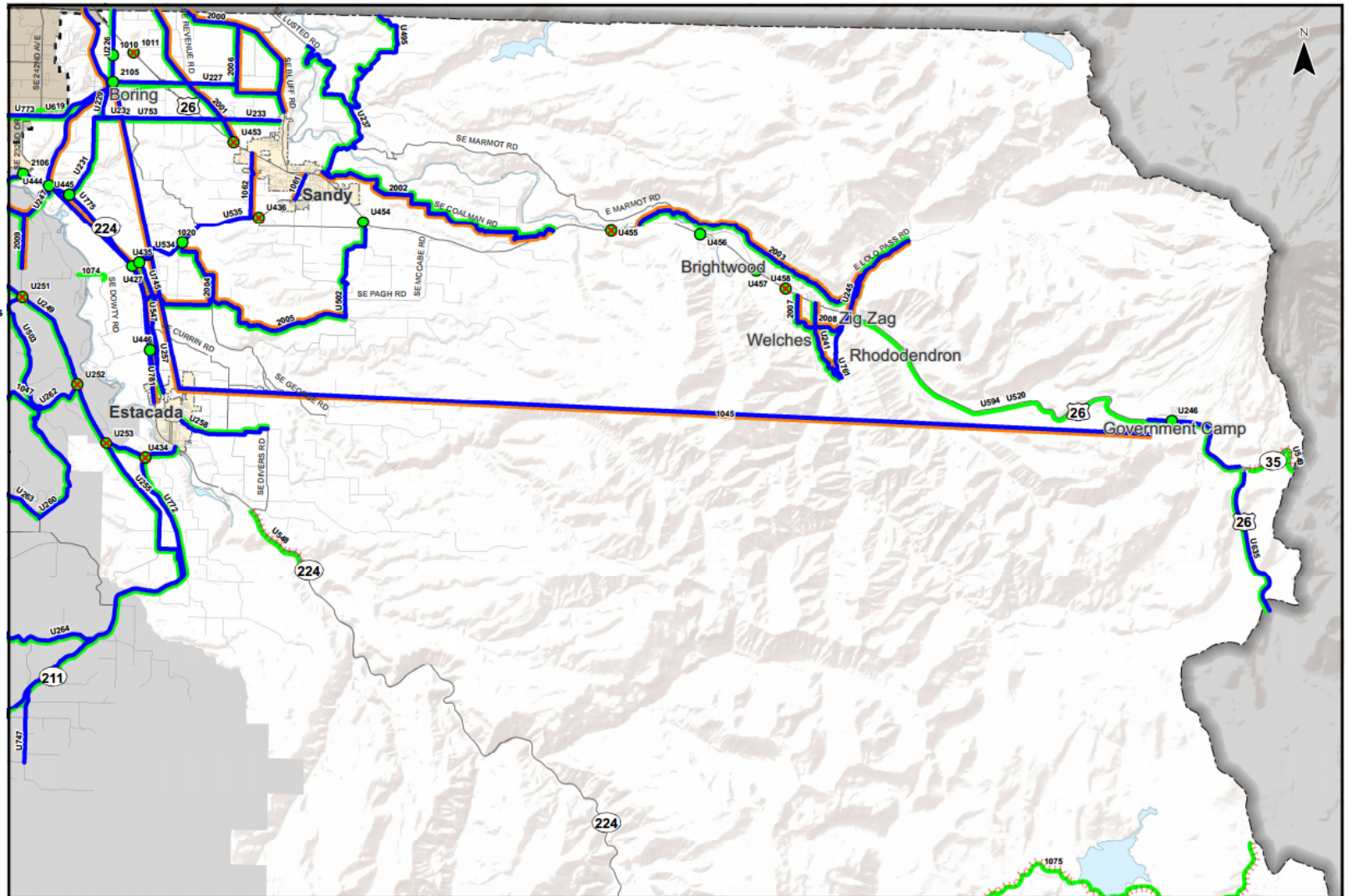
## Roadway, Bicycle, and Pedestrian Projects

- ||||| "Consider Removing"
- ✗ "Consider Removing"
- Roadway
- Pedestrian
- Bicycle
- Incorporated Areas
- County Boundary
- - - UGB

Note:  
 Projects labeled U000-U999 are  
 "Previously Planned Projects."  
 Projects labeled 1000-1999 are  
 "Public Suggested Projects."  
 Projects labeled 2000-2999 are  
 "New Identified Projects."



Coordinate System:  
 NAD 1983 HARN StatePlane Oregon North FIPS 3601 Feet Intl  
 Data Source:  
 Clackamas County, Metro Data Resource Center

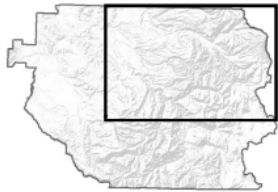
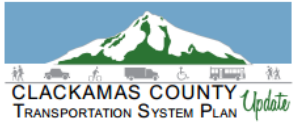


Roadway, Pedestrian, and Bicycle Projects  
 East County - Northern Portion

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# Safety Projects

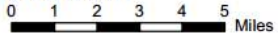


## Safety Projects

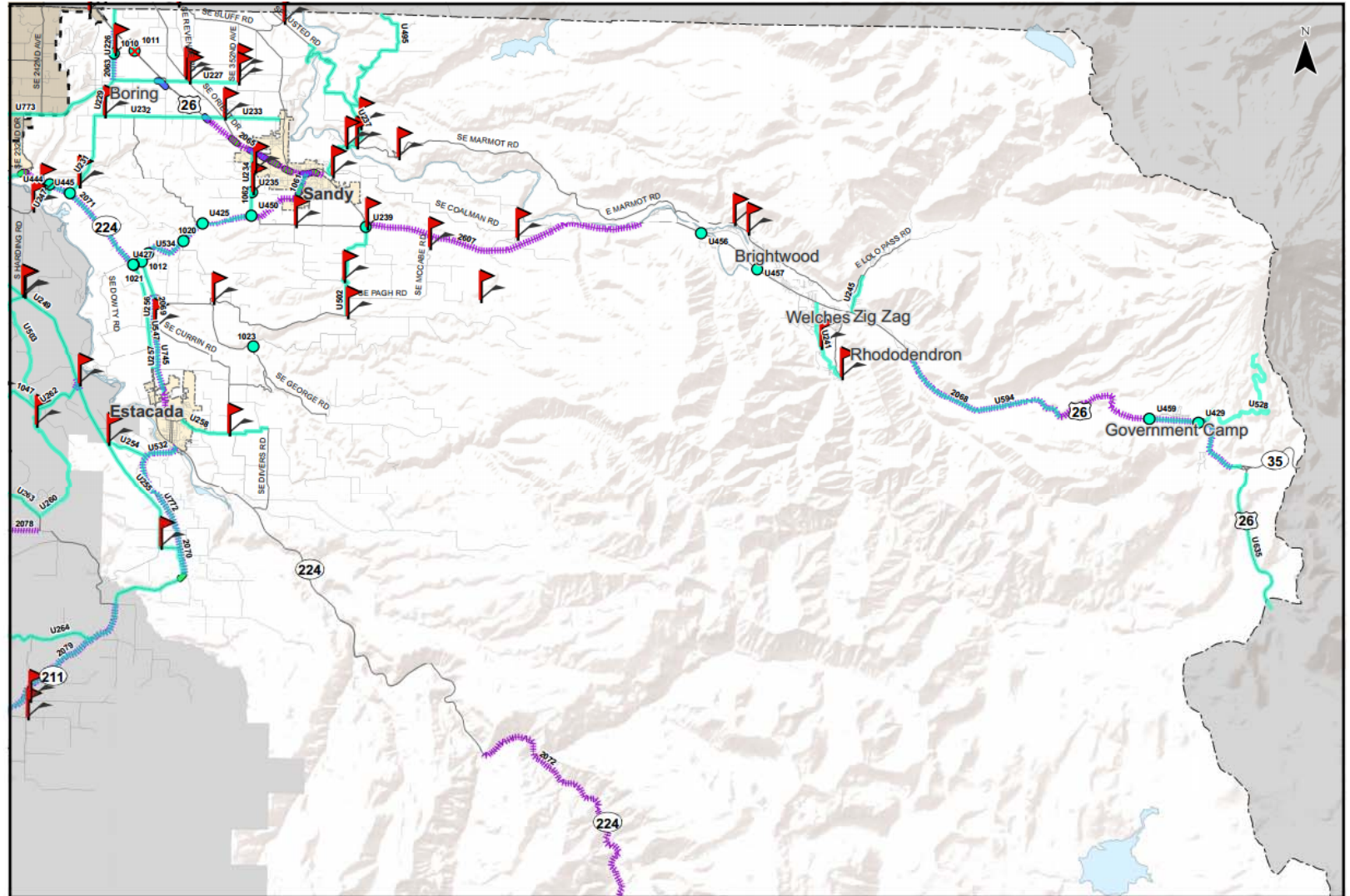
- ||||| Safety Projects
- X "Consider Removing"
- Roadway
- Intersection
- ||||| Candidate Road Safety Audit Corridors
- ▲ County SPIS Sites
- ▲ Safety Focus Intersections
- ODOT SPIS Sites**
- 5% Site
- 10% Site
- Incorporated Areas
- County Boundary
- UGB

Note:  
 Projects labeled U000-U999 are  
 "Previously Planned Projects."  
 Projects labeled 1000-1999 are  
 "Public Suggested Projects."  
 Projects labeled 2000-2999 are  
 "New Identified Projects."

Projects, Studies, and Programs are included  
 in the "New Identified Projects" Tables for the  
 Candidate Road Safety Audit Corridors,  
 County SPIS Sites, Safety Focus Intersection,  
 and ODOT SPIS Sites



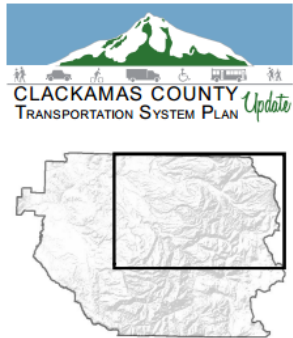
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 Data Source:  
 Clackamas County, Metro Data Resource Center



**Safety Projects  
 East County - Northern Portion**

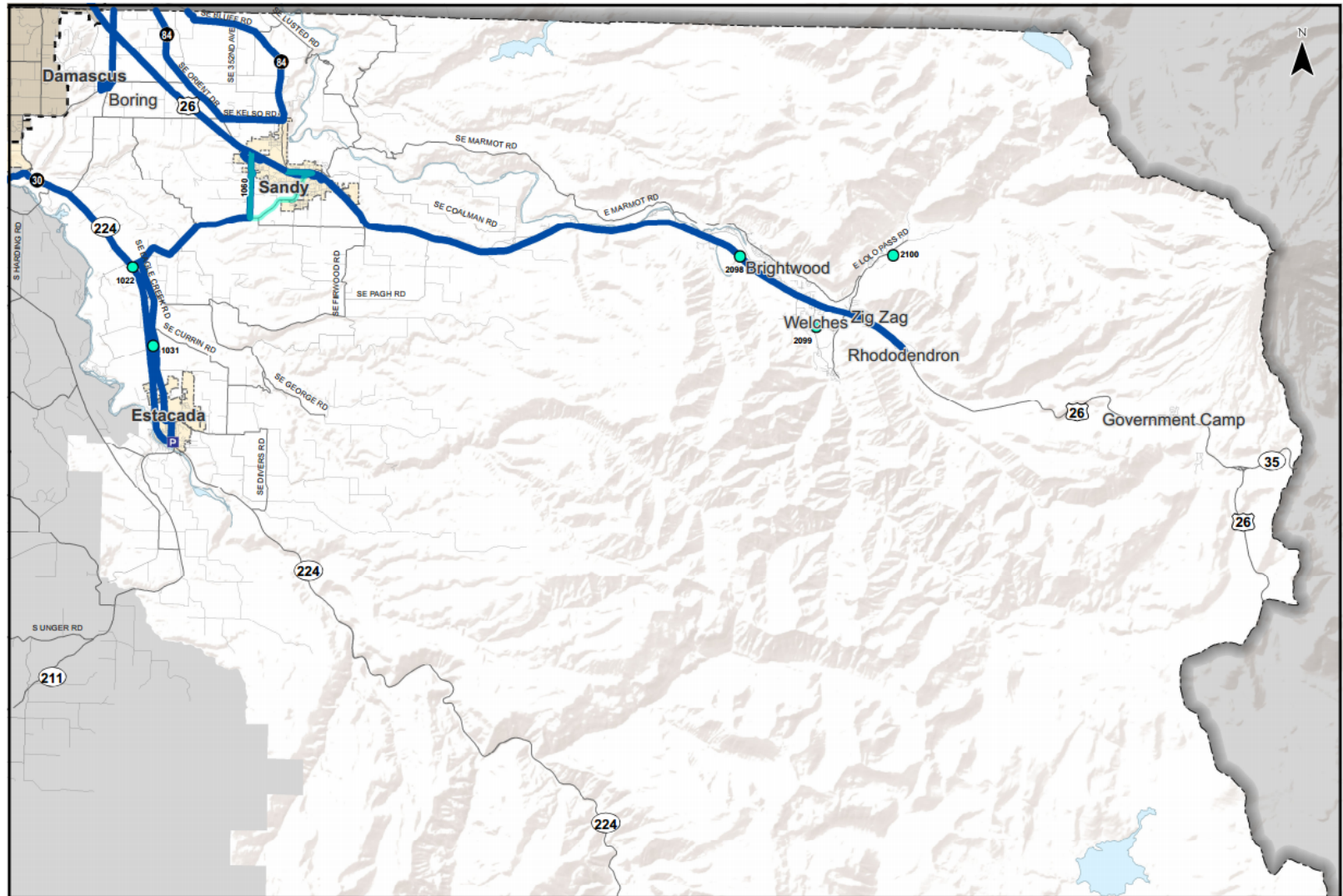
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# Transit Projects



- Transit Projects**
- ||||| "Consider Removing"
  - ✗ "Consider Removing"
  - Transit Project
  - Transit Project
  - Existing Transit Service
  - Incorporated Areas
  - - - County Boundary
  - - - UGB

Note:  
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Coordinate System:  
 NAD 1983 HARN StatePlane Oregon North FIPS 3601 Feet Intl  
 Data Source:  
 Clackamas County, Metro Data Resource Center

**Transit Projects  
 East County - Northern Portion**

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# Alternative Analysis Scenarios

In addition to identifying individual projects to address specific system gaps and deficiencies, the alternatives analysis evaluates larger system alternatives or scenarios, including:

1. Major Project Alternatives
2. Assumptions Scenarios
3. Policy Scenarios

# Public Comments

# Next Steps

- Virtual Open House (September 9 – October 1)
- Area Open House #2 (September 11, 5-7 p.m.)
- **GAPS Meetings #2 (September 10-18)**
  - **East County (Sept. 18 – 6:30-8:30 p.m.)**
- Policy Working Group Meeting #5 (September 27, 2-4 p.m.)
- PAC #4B (October 16)
- **GAPS Meetings #3 (November)**
  - **Confirm project evaluation results**
  - **Discuss Alternatives Analysis Scenario Findings**
  - **Review Draft Preferred Project List**
  - **Discuss Project Priorities**