

Clackamas County Transportation System Plan Update

Geographic Area Project Meeting #2

Southwest Area

September 12th, 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

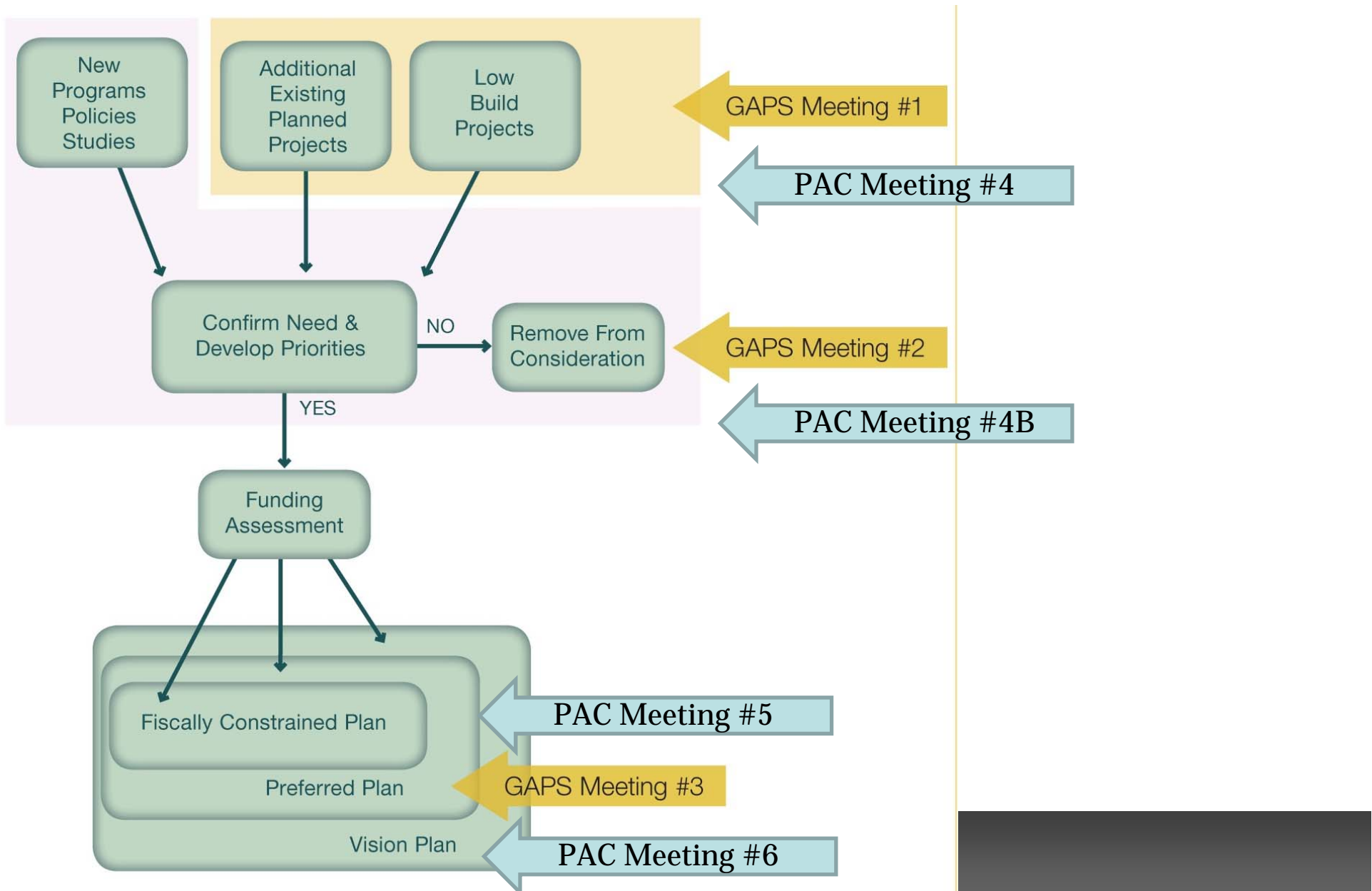
> Purpose

- 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

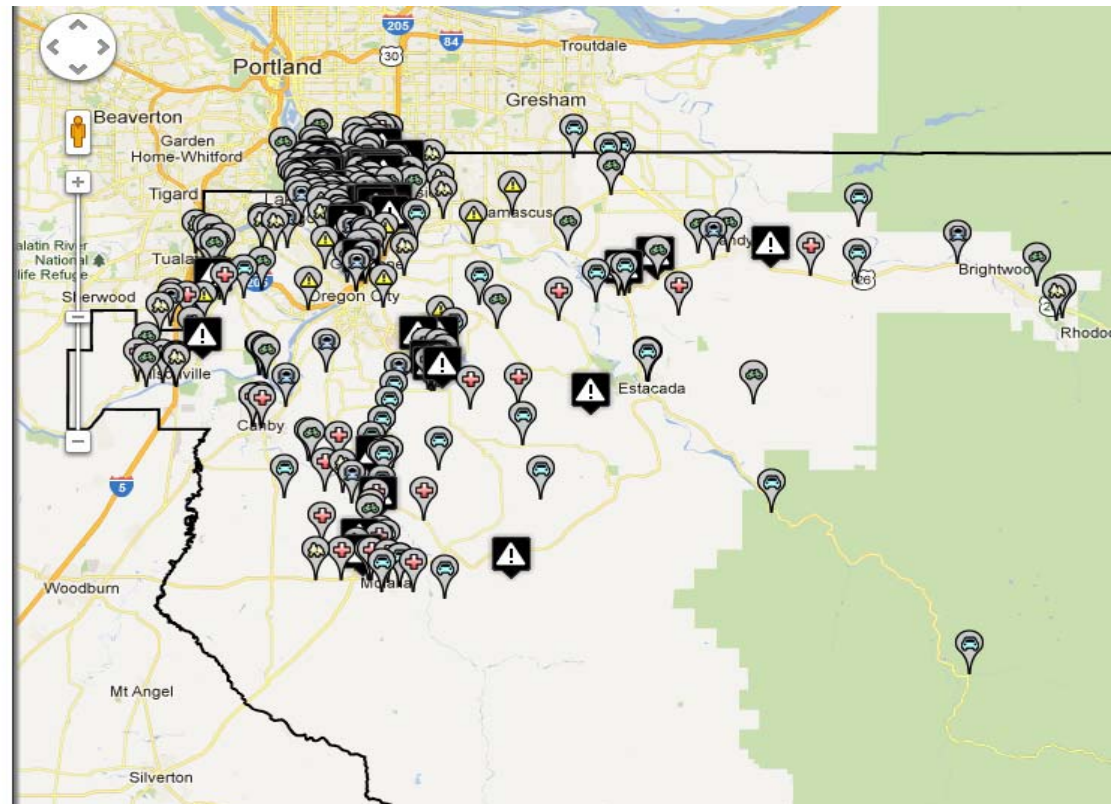
CLACKAMAS COUNTY TSP — VIRTUAL WORKSHOP #1

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 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 - Southwest

9/11/2012

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	
1005	-	Beavercreek Rd	Beavercreek Rd / Leland Rd intersection	Construct roundabout to replace existing all-way stop intersection	No	Analysis Needed	Improves safety and operations at intersection							Advance in evaluation process
1006	-	OR 213	OR 213 / Carus Rd intersection	Install traffic signal to replace existing two-way stop	No	Analysis Needed	Improves operations and capacity of intersection							Advance in evaluation process
1007	-	OR 213	OR 213 / Spangler Rd intersection	Install traffic signal to replace existing two-way stop	No	Yes	Improves operations and capacity of intersection							Advance in evaluation process
1008	-	OR 213	OR 213 / Union Mills Rd intersection	Install signal to replace existing stop-controlled intersection	No	No	Improves operations and capacity of intersection.							Consider removing
1025	-	OR 213	OR 213 / Union Mills Rd intersection	Install right-turn lane on Union Mills Rd	No	No	Improves operations and capacity of intersection							Consider removing
1026	-	City of Molalla	City of Molalla	Provide a Park and Ride facility	Yes	No	Improves transportation options							Share with TriMet
1027	-	Mulino	OR 213 and Mulino	Provide a Park and Ride facility	Yes	No	Improves transportation options							Share with TriMet
1028	-	OR 213	Macksburg Rd / OR 213	Provide a Park and Ride facility	Yes	No	Improves transportation options							Share with TriMet
1029	-	OR 213	Carus Rd / OR 213	Provide a Park and Ride facility	Yes	No	Improves transportation options							Share with TriMet
1030	-	OR 213	OR 213 / Henrici Rd	Provide a Park and Ride facility	Yes	No	Improves transportation options							Share with TriMet
1047	-	Redland Rd	Redland Rd and Springwater Rd	Widen roadway to add shoulders	Yes	No	Improves bike and pedestrian network access							Advance in evaluation process
1048	-	Vick Rd	OR 213 and Molalla Ave	Establish Vick Rd as a truck freight route and make appropriate improvements to accommodate truck freight traffic.	No	Yes	Improves operations, particularly for trucks							Advance in evaluation process
1049	-	Wilhoit Rd/S Molalla Ave	S Warrick Rd to Molalla boundary	Determine cause of flooding (i.e. vertical curve, drainage, etc)	No	Yes	Improves safety							Advance in evaluation process
1050	-	Union Hall Rd	Central Point Rd and El Dorado Rd	Reconstruct and widen roadway to shoulders	Yes	Yes	Improves operations and pedestrian and bike access							Advance in evaluation process
1051	-	Mulino Rd	Gateway and Blundell	Study sight distance to determine appropriate solution to minimal sight distance	No	Yes	Improves safety							Advance in evaluation process
1052	-	Rail line	Canby to Molalla	Rehabilitate existing rail lines to off-road multi-use trail to accommodate bike, ped, and equestrian use	Yes	No	Provides bike, pedestrian, equestrian connectivity							Advance in evaluation process
1053	-	Ferguson Rd	Beavercreek Rd and Henrici Rd	Close section of roadway to through traffic	No	Analysis Needed	Improves safety							Advance in evaluation process but revise
1054	-	S Killdeer Rd	Ferguson Road and Yeoman Road	Extend S Killdeer Rd to connect with S. Ivel Rd. and provide bike/ped access only	Yes	No	Improves bike and pedestrian connectivity							Advance in evaluation process
1055	-	Gribble Rd	Mark Rd and Dryland Rd	Reconstruct and widen to County standards	No	Yes	Improves operations and pedestrian and bike access							Advance in evaluation process
1056	-	Cliffside Dr	Cliffside Dr	Pave Cliffside Dr	No	No	Improves operations							Consider removing
1057	-	Buckner Creek Rd	Gard Rd to Cochell Rd	Reconstruct and widen to County standards, including shoulders	Yes	Yes	Improves bike and pedestrian network access							Advance in evaluation process
1065	-	Molalla Forest Rd	City of Canby to City of Molalla	Pave to provide bicycle access	Yes	No	Improves bike connectivity							Advance in evaluation process
1066	-	Logging Road Trail	Canby Ferry	Extend the Logging Rd Trail to the Canby Ferry	Yes	No	Improves bike 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

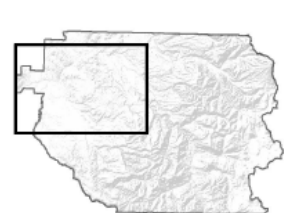
- Are there any specific project evaluations GAPS members would like to discuss?
- Are there any projects which do not seem reasonable to move forward in the evaluation process?
- Are there any project evaluations you do not agree with?
- Which projects are most essential to include in the TSP?

Roadway, Pedestrian, and Bicycle Projects

> Key Issues

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

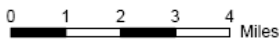
Roadway, Pedestrian, and Bicycle Projects



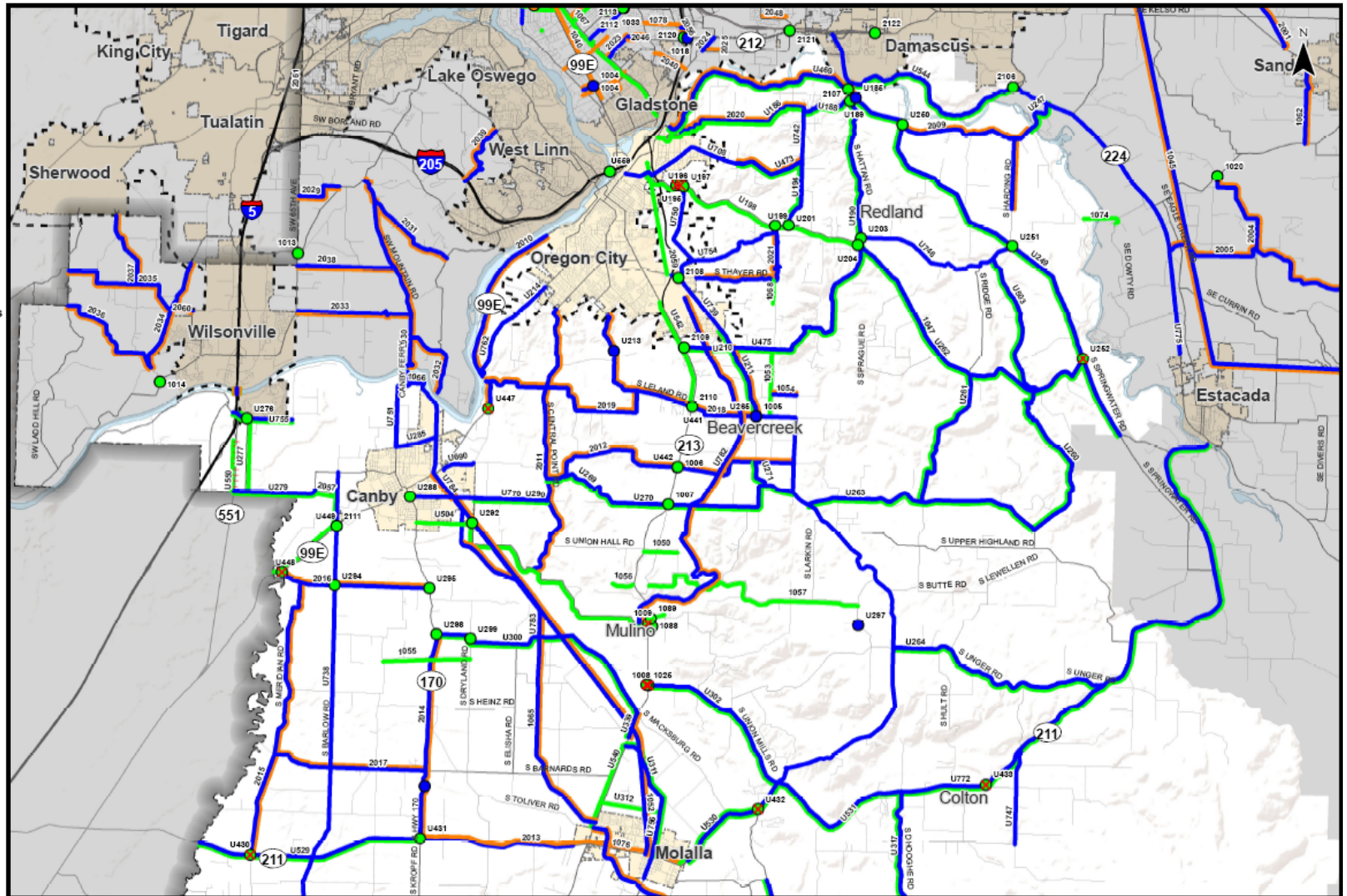
Roadway, Bicycle, and Pedestrian Projects

- "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
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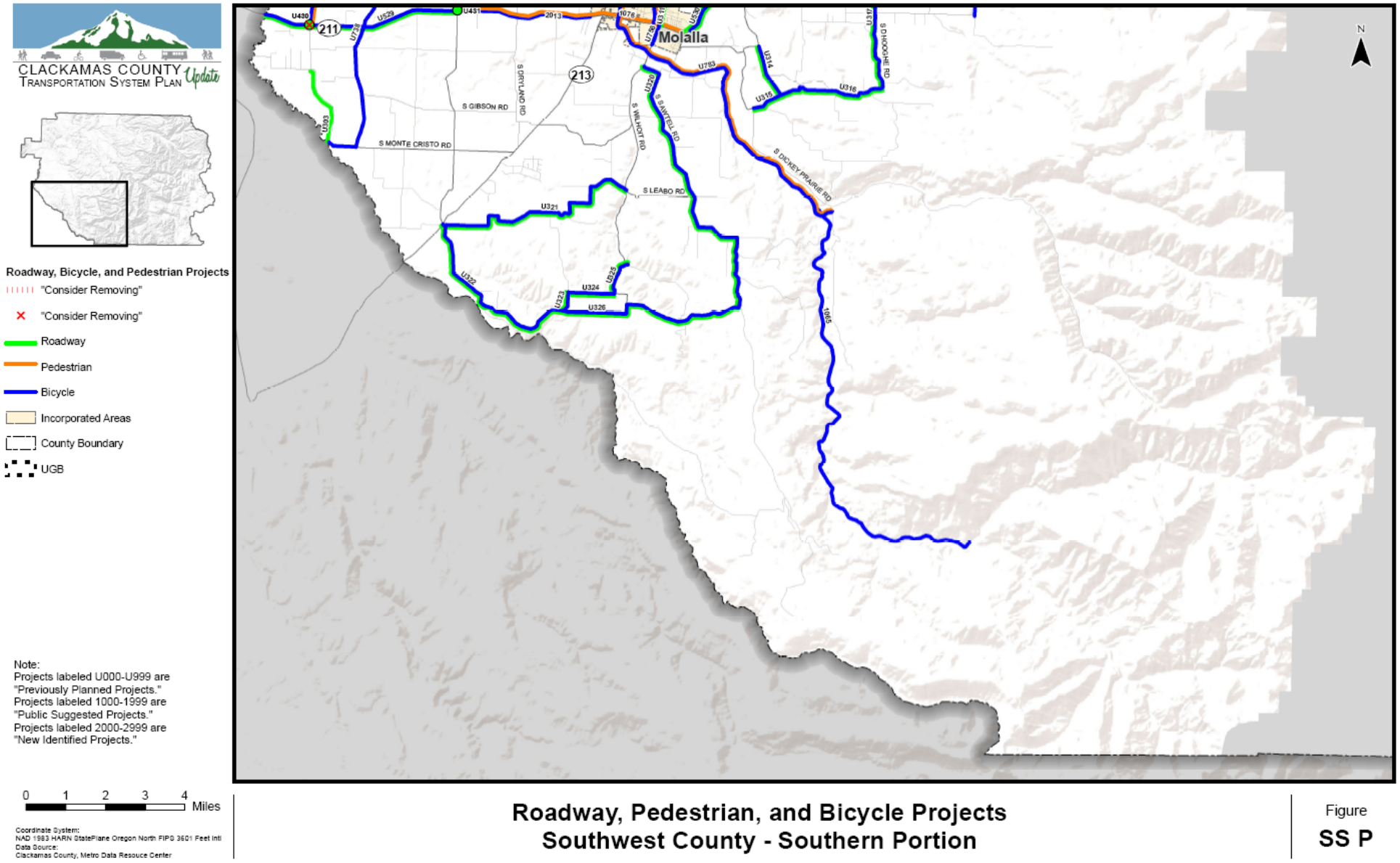
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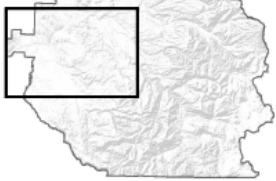
Roadway, Pedestrian, and Bicycle Projects
 Southwest County - Northern Portion

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Roadway, Pedestrian, and Bicycle Projects



Safety Projects



Safety Projects

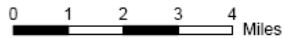
- ||||| Safety Projects
- X "Consider Removing"
- Roadway
- Intersection
- ||||| Candidate Road Safety Audit Corridors
- ▲ County SPIS Sites
- ▲ Safety Focus Intersections

ODOT SPIS Sites

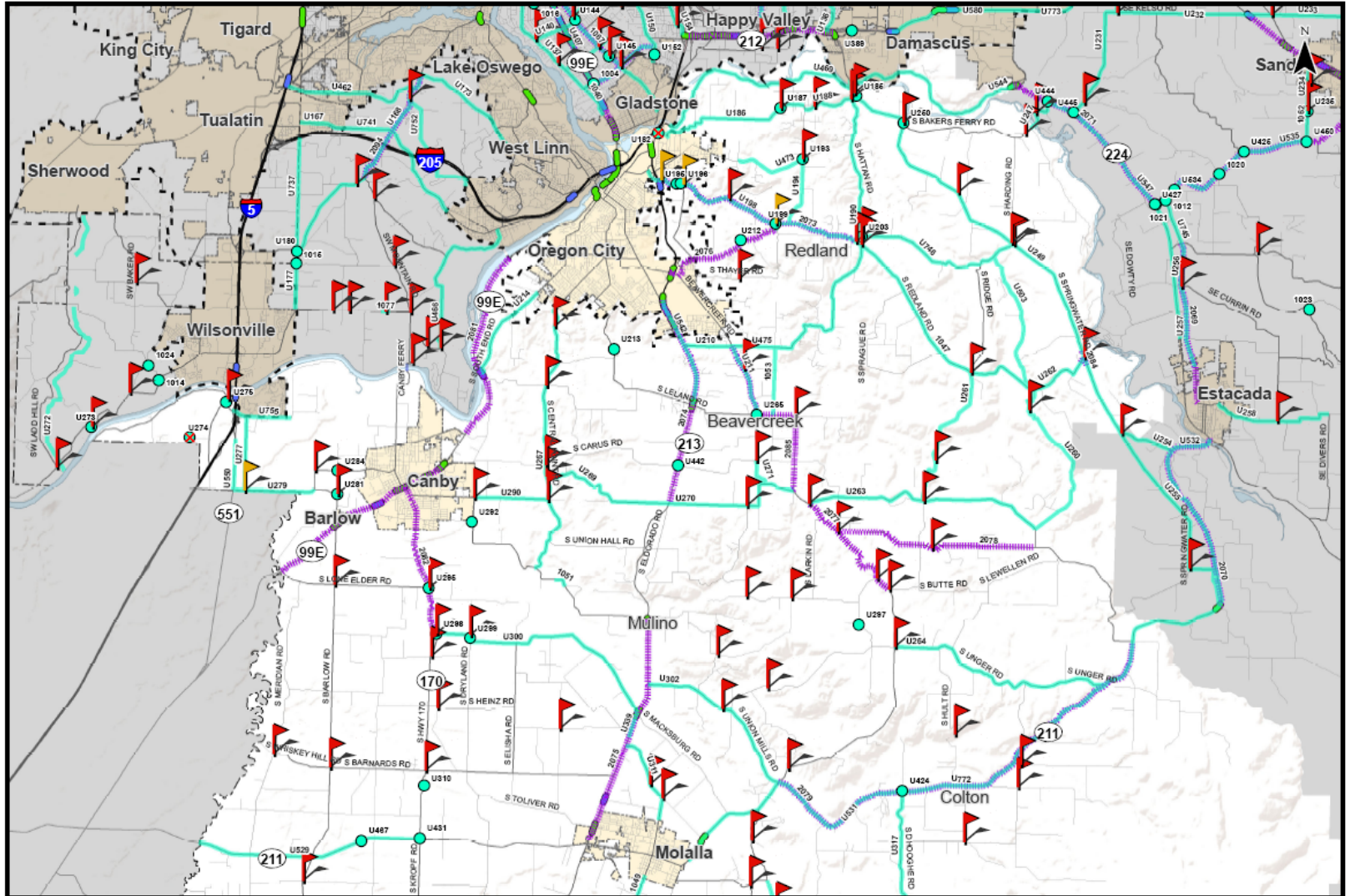
- 5% Site
- 10% Site
- Sunrise Project FEIS
- Incorporated Areas
- County Boundary
- UGB

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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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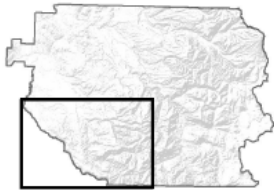


**Safety Projects
 Southwest County - Northern Portion**

Safety Projects



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Safety Projects

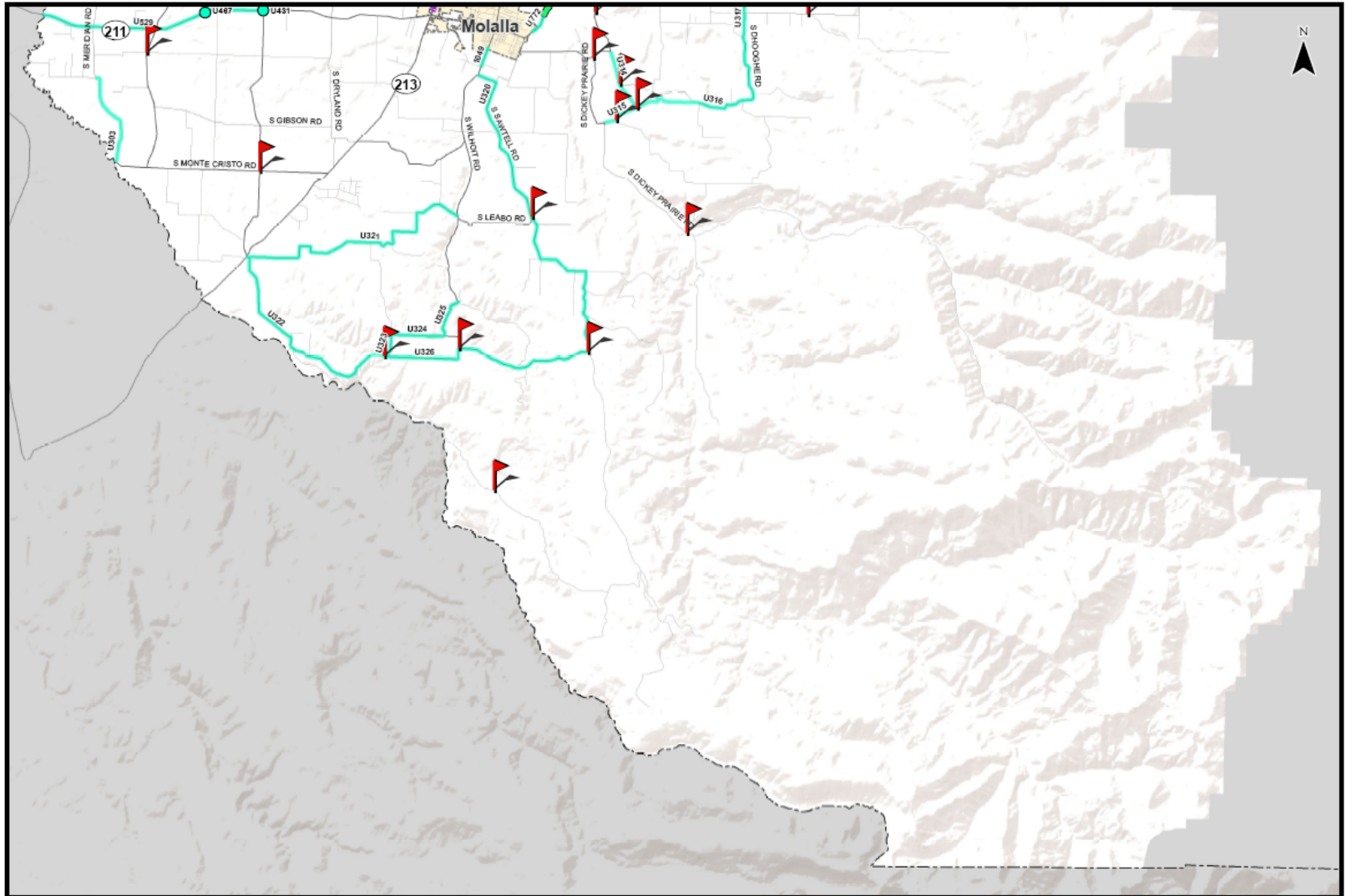
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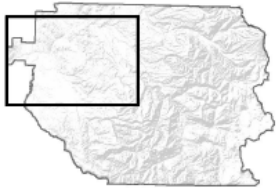
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Safety Projects
Southwest County - Southern Portion

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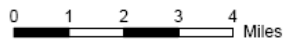
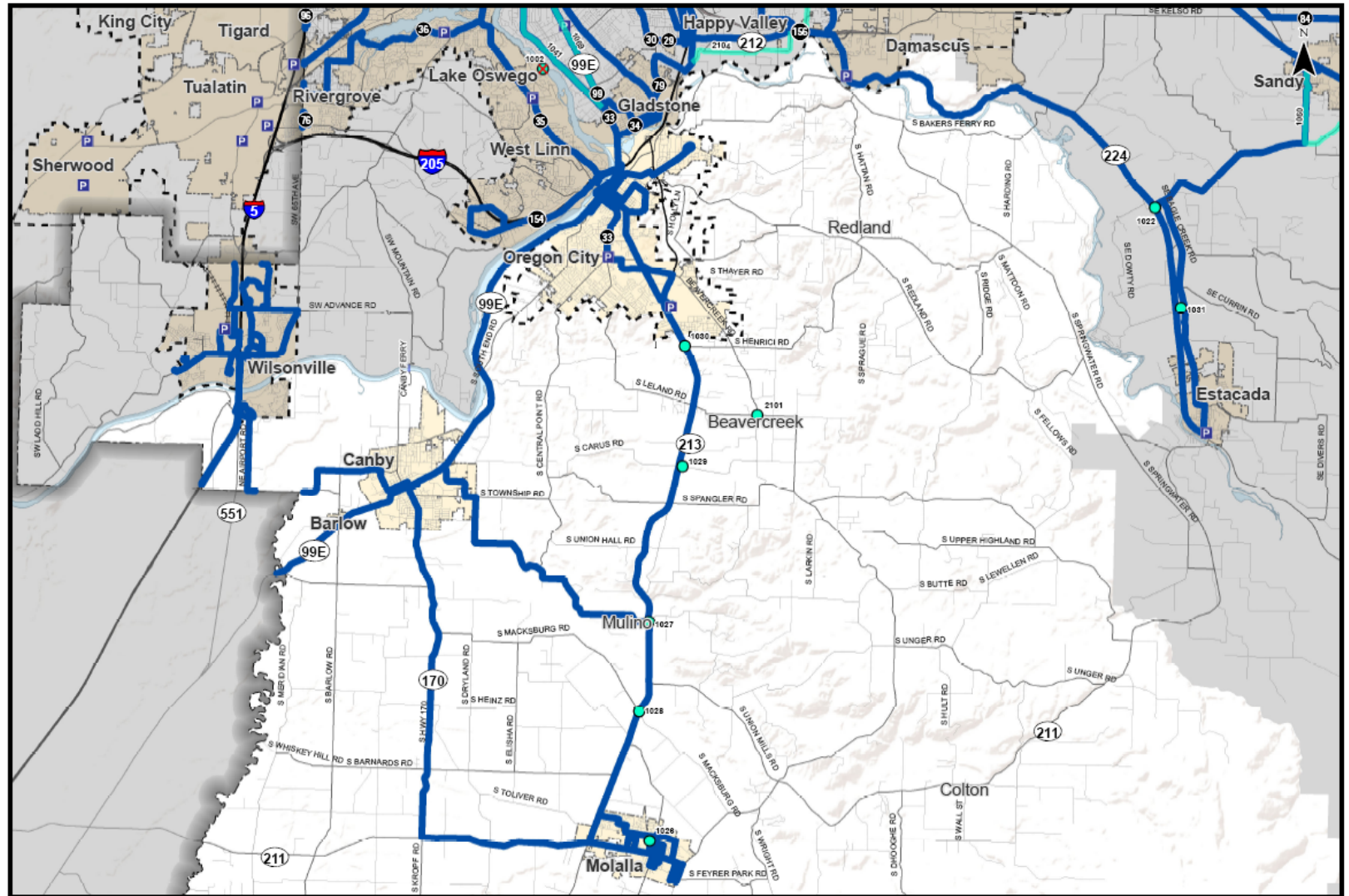
Transit Projects



Transit Projects

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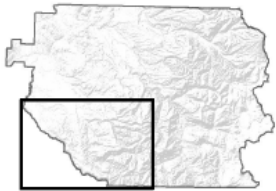


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Transit Projects
 Southwest County - Northern Portion

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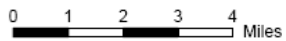
Transit Projects



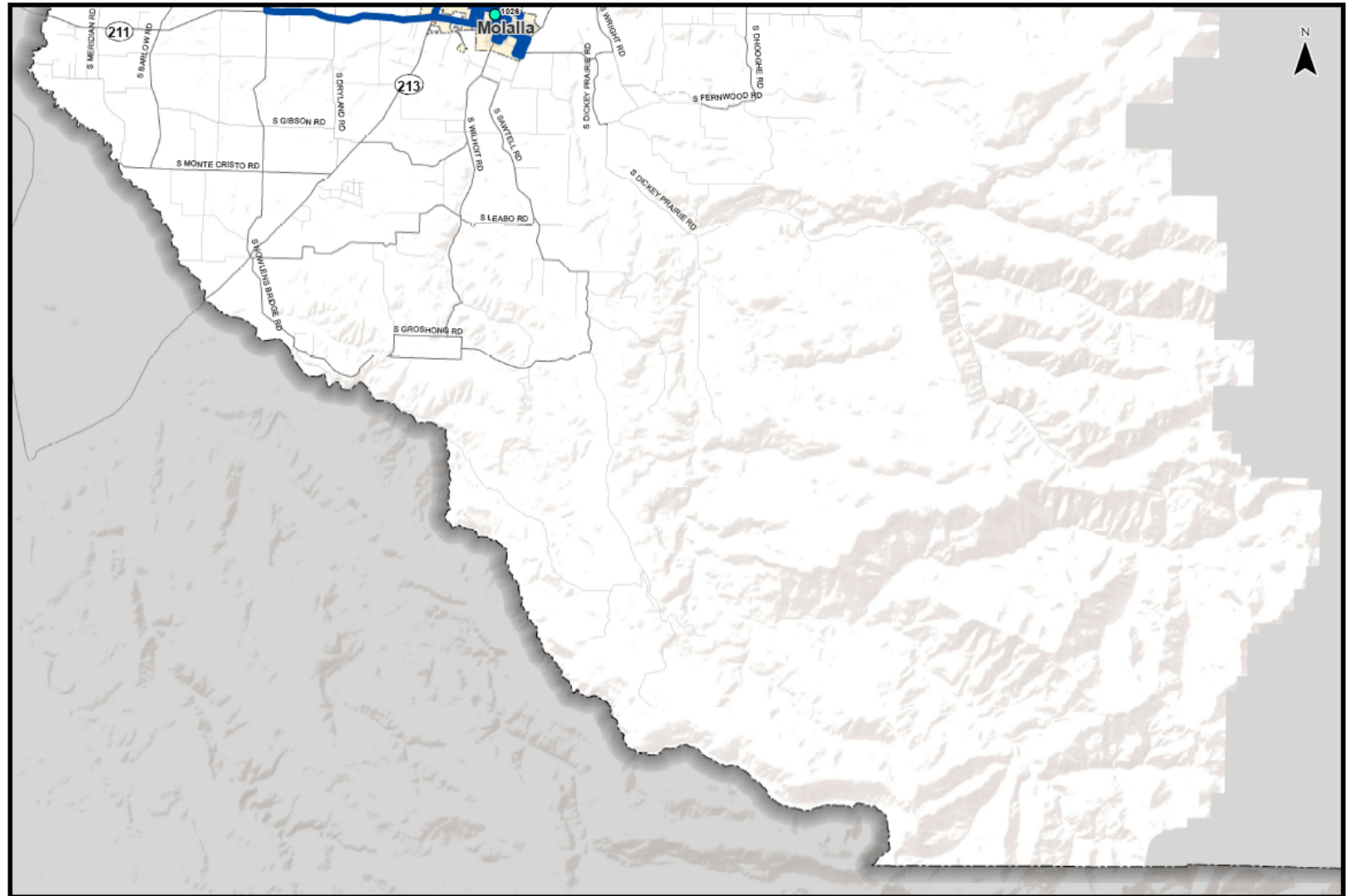
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Transit Projects
 Southwest County - Southern Portion

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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)
- **GAPS Meetings #2 (September 10-18)**
 - **Greater McLoughlin (Sept. 17 – 6:30-8:30 p.m.)**
 - **Northwest (Sept. 18 – 9:00 – 11:00 a.m.)**
 - **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**