

Clackamas County Transportation System Plan Update

Geographic Area Project Meeting #2

CRC/IA

September 10th, 2012



Meeting Agenda

9:00 – 11:00 a.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

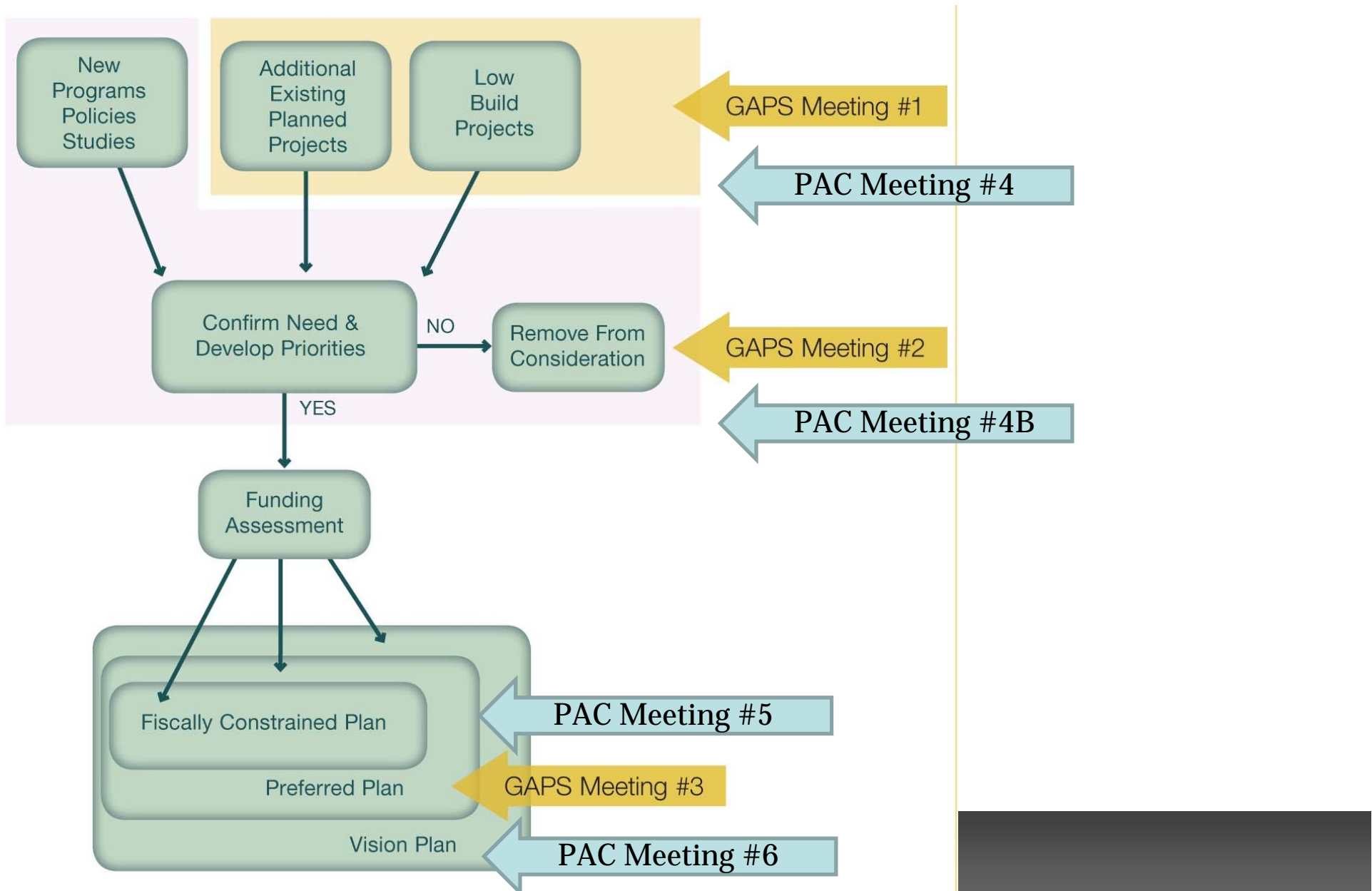
> Purpose

- 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

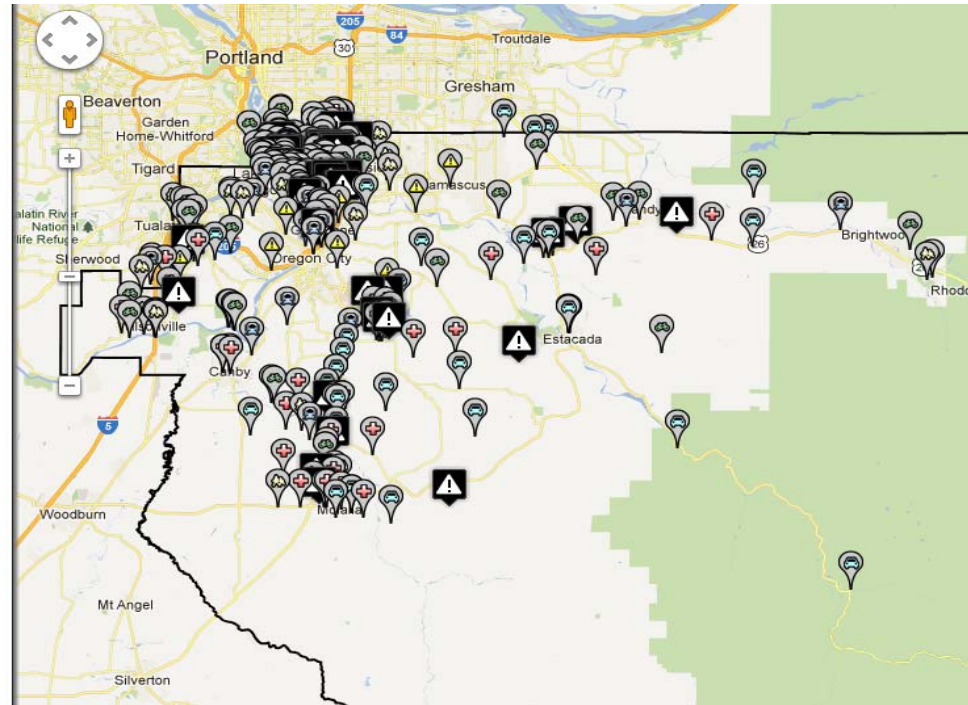
Please tell us your ideas, concerns, and thoughts regarding the transportation system in the County.

[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 - CRC/IA

9/5/2012

U000 - U999: Previously Planned Projects
U1000 - U1999: Public Suggested Projects
U2000 - U2999: New Identified Projects

Legend	
<input type="radio"/>	Does not support goal.
<input type="radio"/>	Somewhat supports goal.
<input checked="" type="radio"/>	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	
HARMONY AREA														
1080	-	Deer Creek Ln	Johnson Rd to 82nd Ave	Extend eastward for a few hundred feet and connect to Costco loop road (Oak Bluff Rd / 84th Ave)	Yes	No	Provides roadway connectivity	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	Advance in evaluation process
2116	-	Harmony Rd	Harmony Rd / Linwood Ave intersection	Add left turn lane on Harmony Rd, adjust signal timing	No	Yes	Improves operations of intersection	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	Advance in evaluation process
2117	-	Sunnybrook Blvd	Sunnybrook Blvd / 82nd Ave intersection	Add turn lanes on all approaches	No	Yes	Improves operations of intersection	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	Advance in evaluation process
U103	-	Harmony Rd	Lake Rd / Linwood Ave / Harmony Rd intersection	Grade separate railroad crossing	No	Yes	Resolves safety and traffic flow problems	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	Advance in evaluation process
U104	10003	Harmony Rd	OR 213 to OR 224	Widen to 5 lanes; add bikeways and pedways	Yes	No	Increases capacity; improves pedestrian and bicycle connectivity	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	Advance in evaluation process
U109	10014	OR 213	Sunnyside Rd to Sunnybrook Rd	Widen to 7 lanes with boulevard treatments	No	Yes	Increases capacity for cars and trucks; improves livability and bicycle network connectivity	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Advance in evaluation process
U001	10019	Sunnybrook Blvd Extension	OR 213 to Harmony Rd	Construct new 2 lane roadway with pedways and bikeways	Yes	Yes	Increases connectivity for cars and trucks; improves bike and pedestrian networks; improves traffic flow	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	Advance in evaluation process
U394	-	OR 213	Harmony Rd / Sunnyside Rd	Add bikeways, pedways, traffic signals and lighting	Yes	No	Improves safety, traffic flow, pedestrian and bicycle network connectivity	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	Advance in evaluation process
U108	-	North Clackamas Regional Park Trail	Linwood Ave to North Clackamas Park Complex	Construct multi-use trail	Yes	No	Improves pedestrian and bicycle network connectivity	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	Advance in evaluation process
JOHNSON CREEK BLVD														
1001	-	Johnson Creek Blvd	Johnson Creek Blvd / 80th Ave intersection	Conduct study to determine appropriate intersection treatment (i.e. traffic signal)	No	Yes	Improves safety	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	Advance in evaluation process
1044	-	79th Ave	79th Ave / Fred Meyer parking	Provide pedestrian access to Fred Meyer	Yes	No	Improves pedestrian access	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	Advance in evaluation process
2026	-	Flavel Dr	Alberta Ave to County boundary	Add bikeways	Yes	No	Improves bicycle network connectivity	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	Advance in evaluation process
2027	-	72nd Ave	Alberta Ave to County boundary	Add bikeways	Yes	No	Improves bicycle network connectivity	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	Advance in evaluation process
2049	-	92nd Ave	Otty Rd to County boundary	Fill gaps in pedways	Yes	No	Improves pedestrian network connectivity	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	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

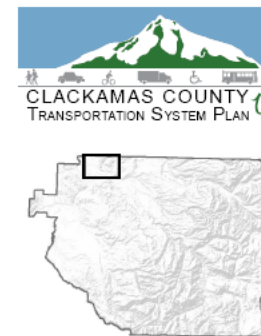
- Are there any specific project evaluations GAPS members would like to discuss?
- Are there any projects which do not seem reasonable to move forward in the evaluation process?
- Are there any project evaluations you do not agree with?
- Which projects are most essential to include in the TSP?

Harmony Road (page 1)

> Key Issues

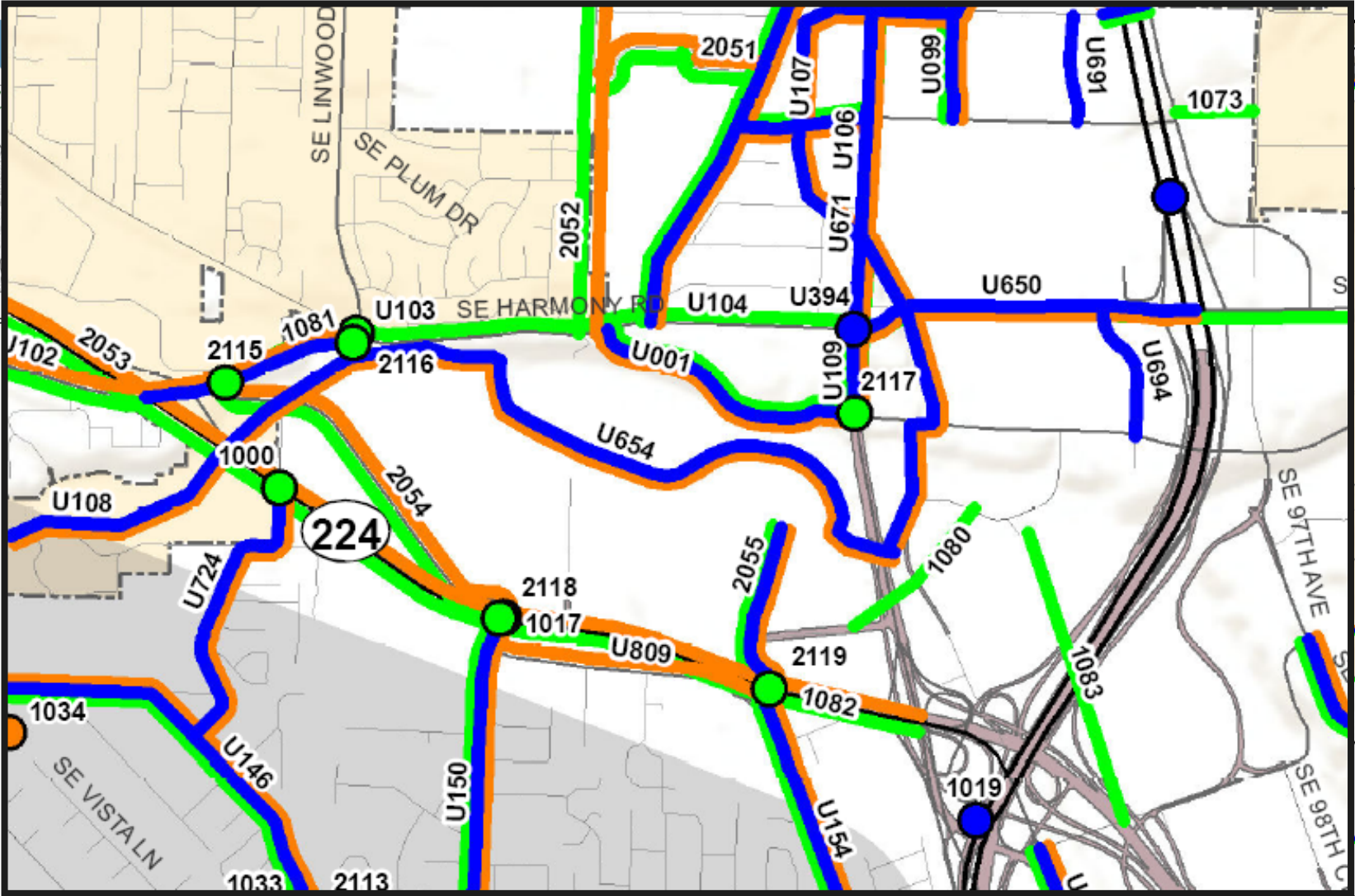
- Capacity and connectivity for all modes

Harmony Road (page 1)



- Roadway, Bicycle, and Pedestrian Projects
- ⋯ "Consider Removing"
 - ✗ "Consider Removing"
 - Roadway
 - Pedestrian
 - Bicycle
 - Sunrise Project FEIS
 - 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."



Roadway, Pedestrian, and Bicycle Projects
 Greater Clackamas Regional Center / Industrial Area

Figure
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Johnson Creek Boulevard (page 1-4)

> Key Issues

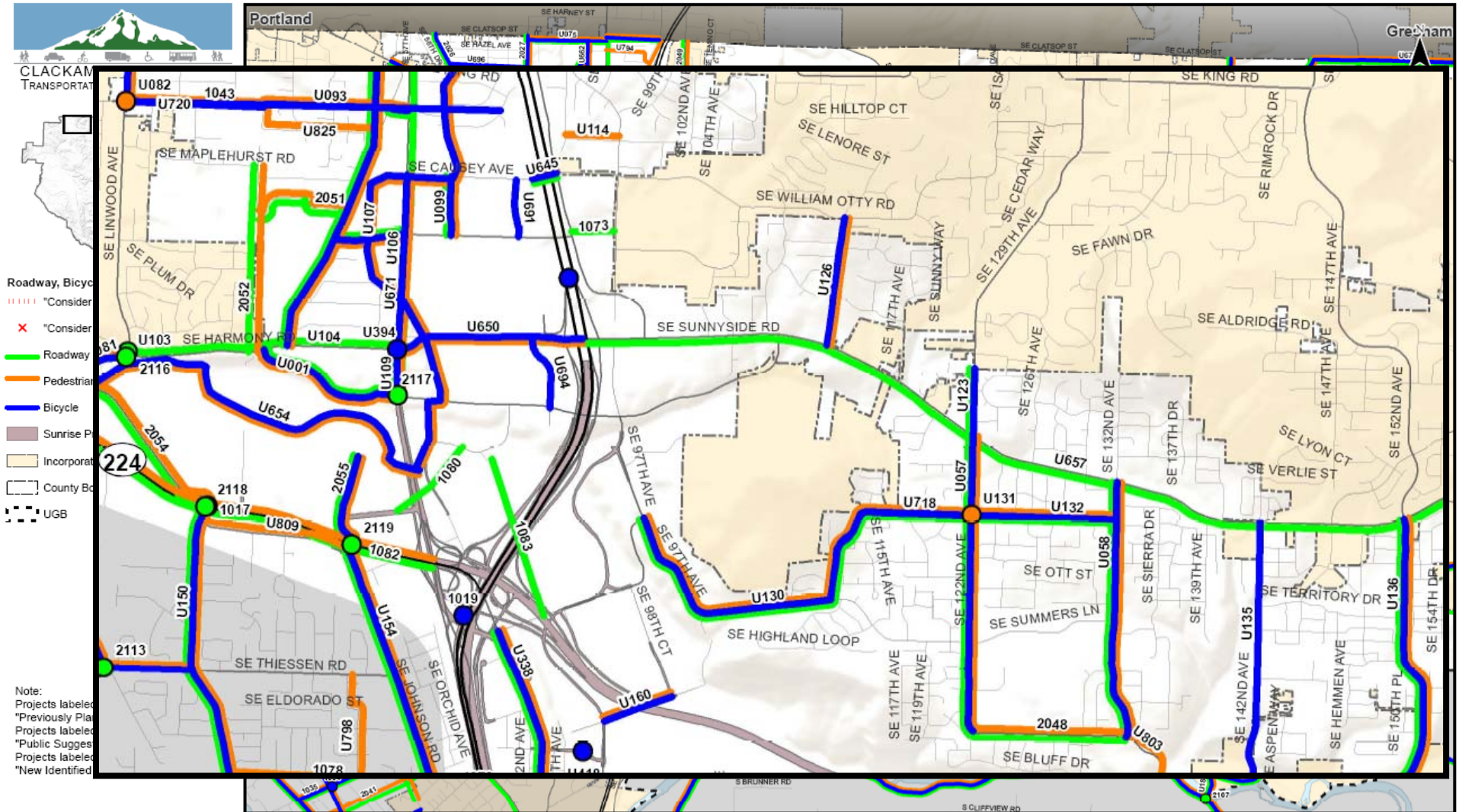
- Bringing roads up to standards
- Addressing safety issues along Johnson Creek Blvd.
- Improving transit service

Clackamas Town Center Area (page 4-6)

> Key Issues

- Addressing pedestrian, bicycle, safety, and connectivity issues

Clackamas Town Center Area (page 4-6)



Roadway, Pedestrian, and Bicycle Projects
Greater Clackamas Regional Center / Industrial Area

Figure
C P

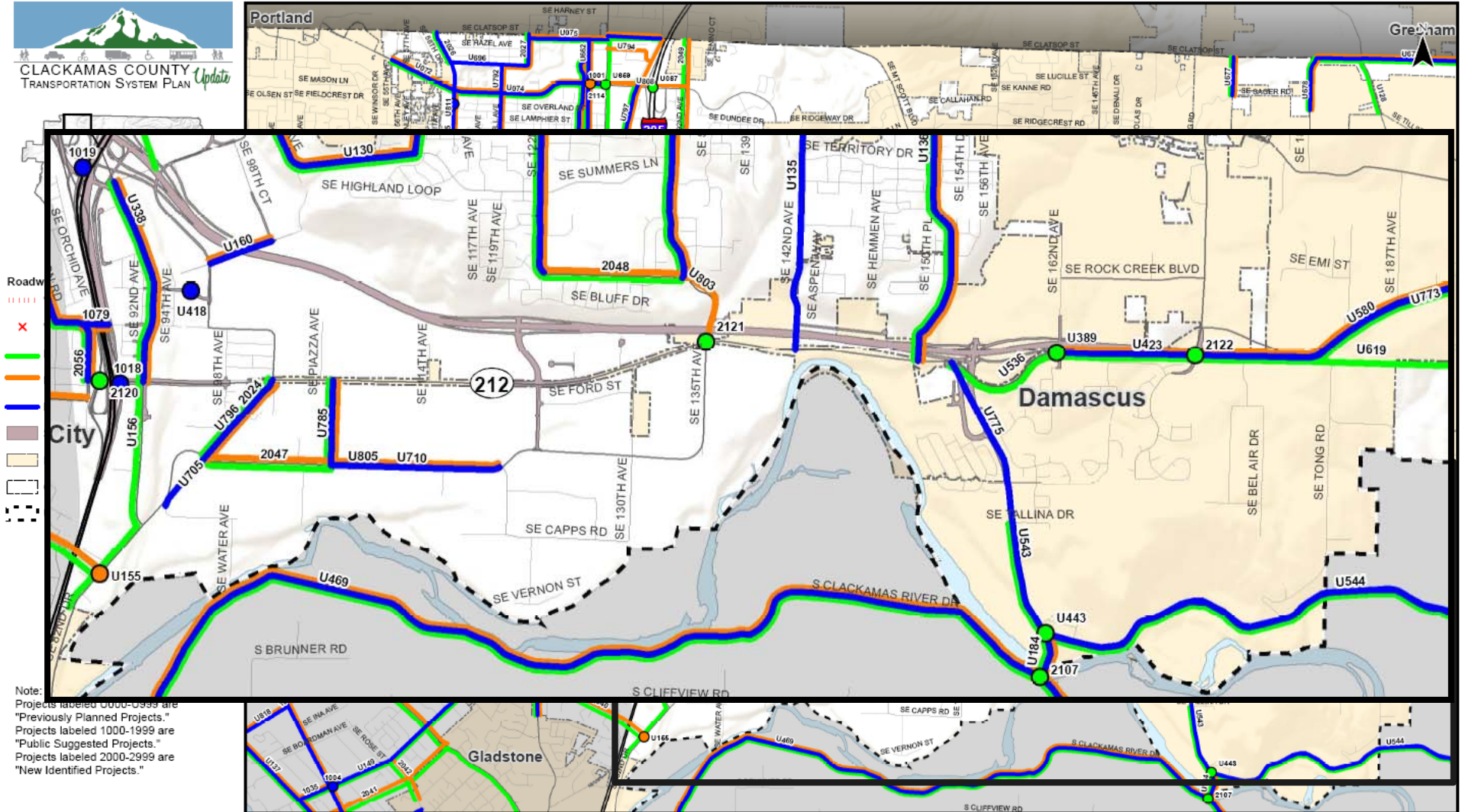
0 1 Miles
Coordinate System:
NAD 1983 HARN StatePlane Oregon North FIPD 3601 Feet Intl
Data Source:
Clackamas County, Metro Data Resource Center

Industrial Area (page 6-7)

> Key Issues

- East-west roadway capacity
- Bringing roads up to standard for pedestrians and bicycles
- Safety

Industrial Area (page 6-7)



Roadway, Pedestrian, and Bicycle Projects
Greater Clackamas Regional Center / Industrial Area

Figure
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0 1 Miles
Coordinate System:
NAD 1983 HARN StatePlane Oregon North FIPS 3601 Feet Intl
Data Source:
Clackamas County, Metro Data Resource Center

Damascus Area (page 7-8)

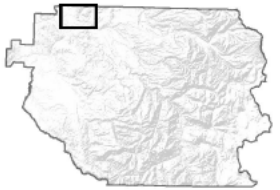
> Key Issues

- East-west roadway capacity
- Bringing roads up to standard for pedestrians and bicycles
- Safety

Damascus Area (page 7-8)



CLACKAMAS COUNTY
TRANSPORTATION SYSTEM PLAN *Update*



Roadway, Bicycle, and Pedestrian Projects

--- "Consider Removing"

✗ "Consider Removing"

— Roadway

— Pedestrian

— Bicycle

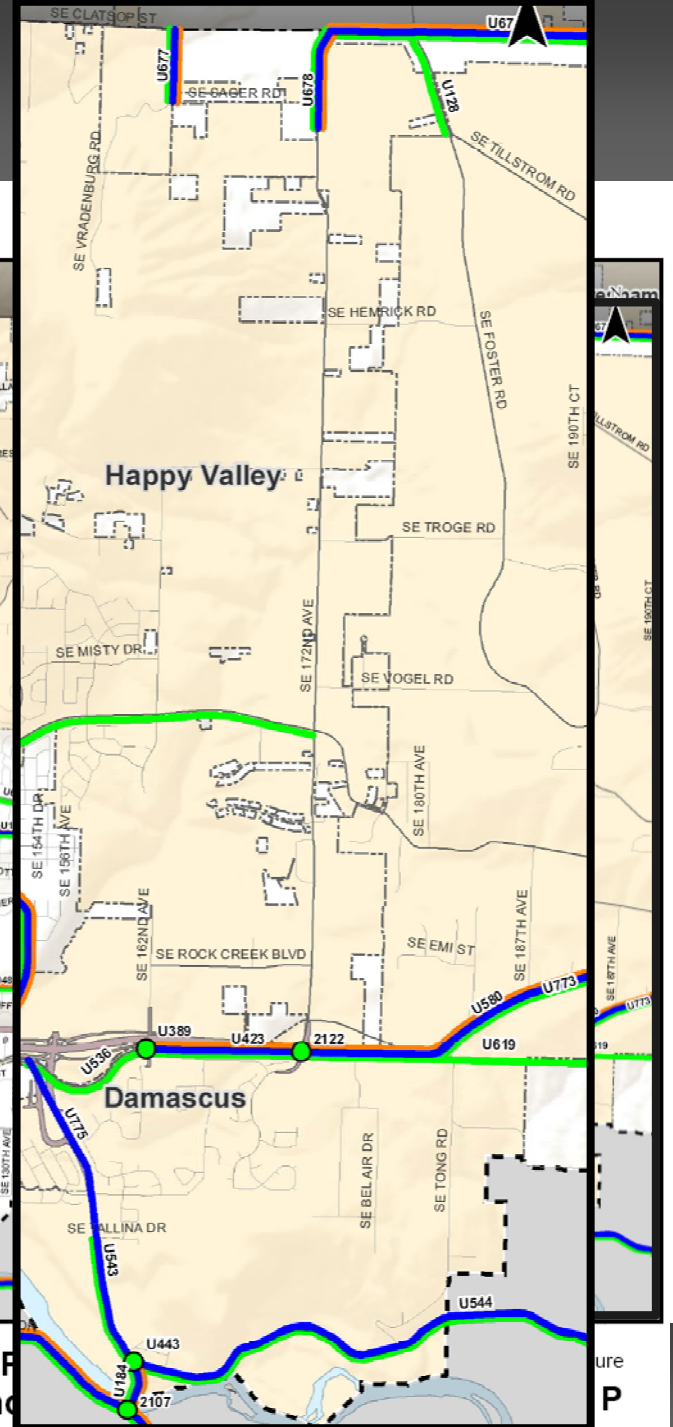
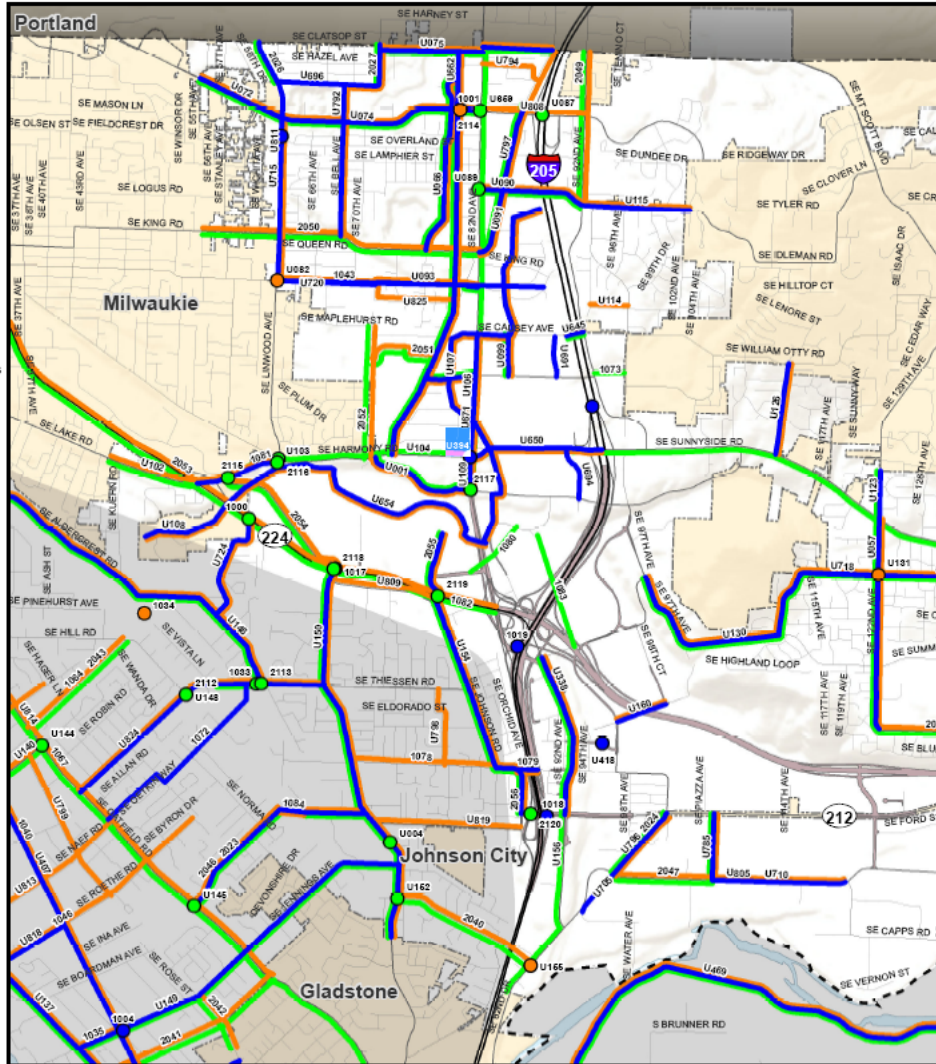
— Sunrise Project FEIS

— Incorporated Areas

— County Boundary

--- UGB

Note:
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Coordinate System:
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Roadway, Pedestrian, and Bicycle Projects
Greater Clackamas Regional Center / Inc

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Milwaukee Expressway Area (page 8-9)

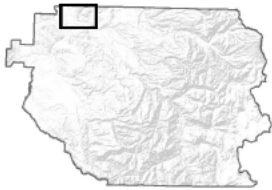
> Key Issues

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

Milwaukee Expressway Area (page 8-9)



CLACKAMAS COUNTY
TRANSPORTATION SYSTEM PLAN Update



Roadway, Bicycle, and Pedestrian Projects

- ⋯ "Consider Removing"
- ✗ "Consider Removing"
- Roadway
- Pedestrian
- Bicycle
- Sunrise Project FEIS
- Incorporated Areas
- County Boundary
- ⋯ UGB

Note:
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0 1 Miles

Coordinate System:
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 Clackamas County, Metro Data Resource Center

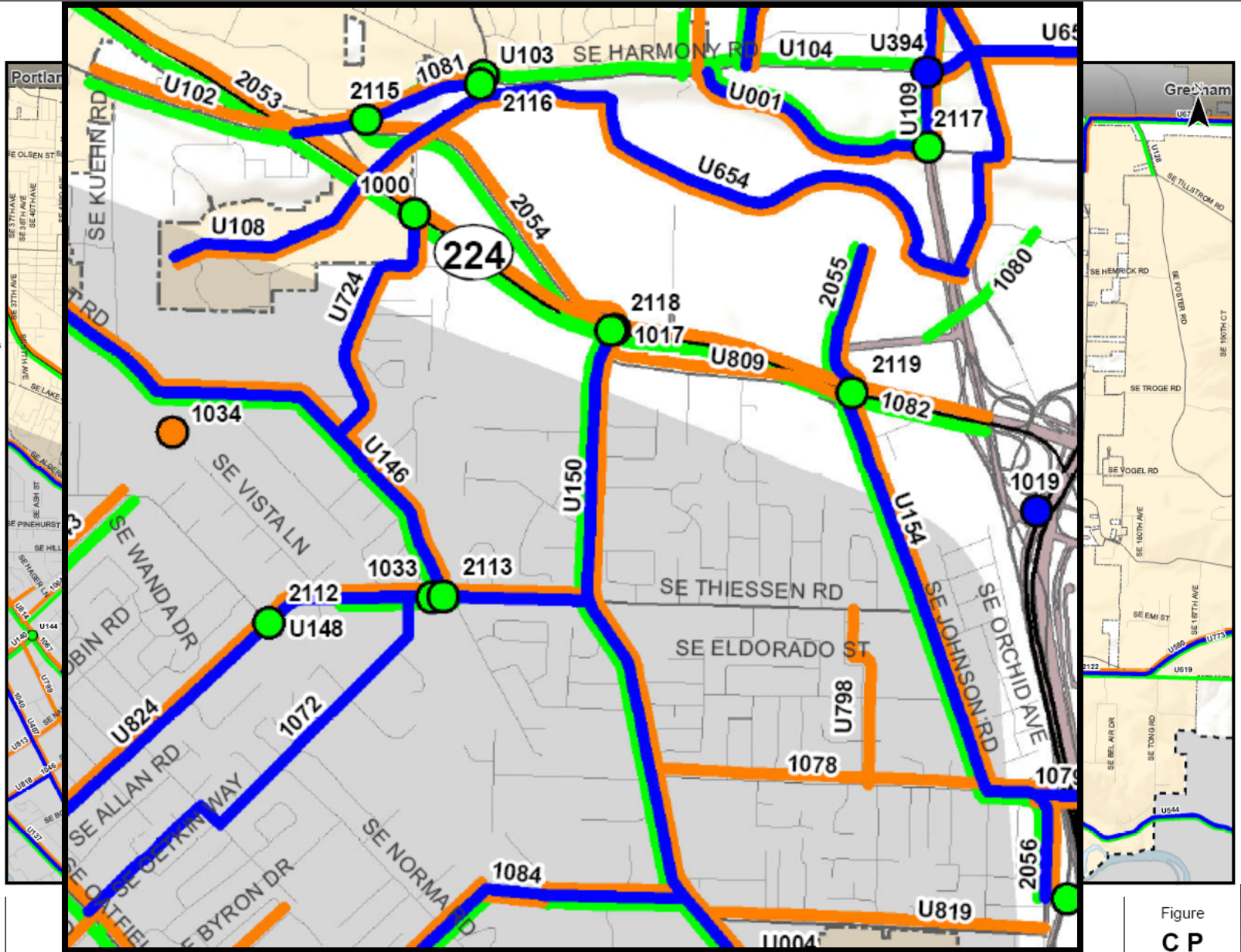


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Safety Projects

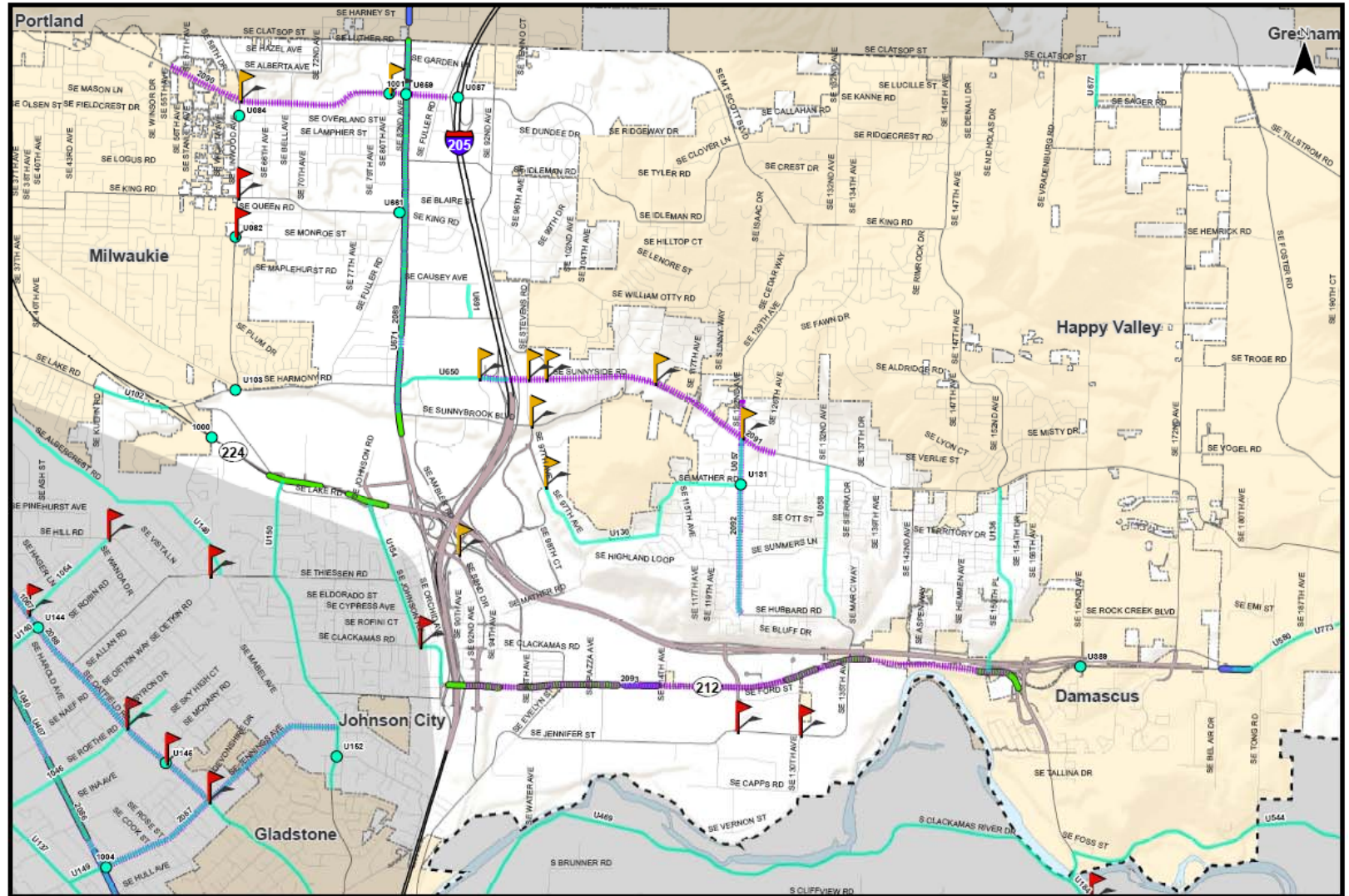


- Safety Projects**
- Safety Projects
 - ✗ "Consider Removing"
 - Roadway
 - Intersection
 - Candidate Road Safety Audit Corridors
 - ▲ County SPIS Sites
 - ▲ Safety Focus Intersections
- ODOT SPIS Sites**
- 5% Site
 - 10% Site
 - Sunrise Project FEIS
 - Incorporated Areas
 - County Boundary
 - UGB
- Note:**
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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 Intersections, and ODOT SPIS Sites

0 1 Miles

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



Safety Projects
Greater Clackamas Regional Center / Industrial Area

Figure
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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)**
 - **Southwest (Sept. 12 – 6:30-8:30 p.m.)**
 - **Greater McLoughlin (Sept. 17 – 6:30-8:30 p.m.)**
 - **Northwest (Sept. 18 – 9:00-11 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**