

Clackamas County Transportation System Plan Update

Geographic Area Project Meeting #3

Southwest Area

March 11th, 2013



CLACKAMAS COUNTY *Update*
TRANSPORTATION SYSTEM PLAN



Meeting Agenda

- Introductions, Meeting Purpose and Outcomes/ Agenda Overview
- Schedule/Process Updated
- Overview of Project Prioritization Process
- Project Prioritization Workshop
 - County Projects
 - ODOT Projects
- Public Comments
- Next Steps

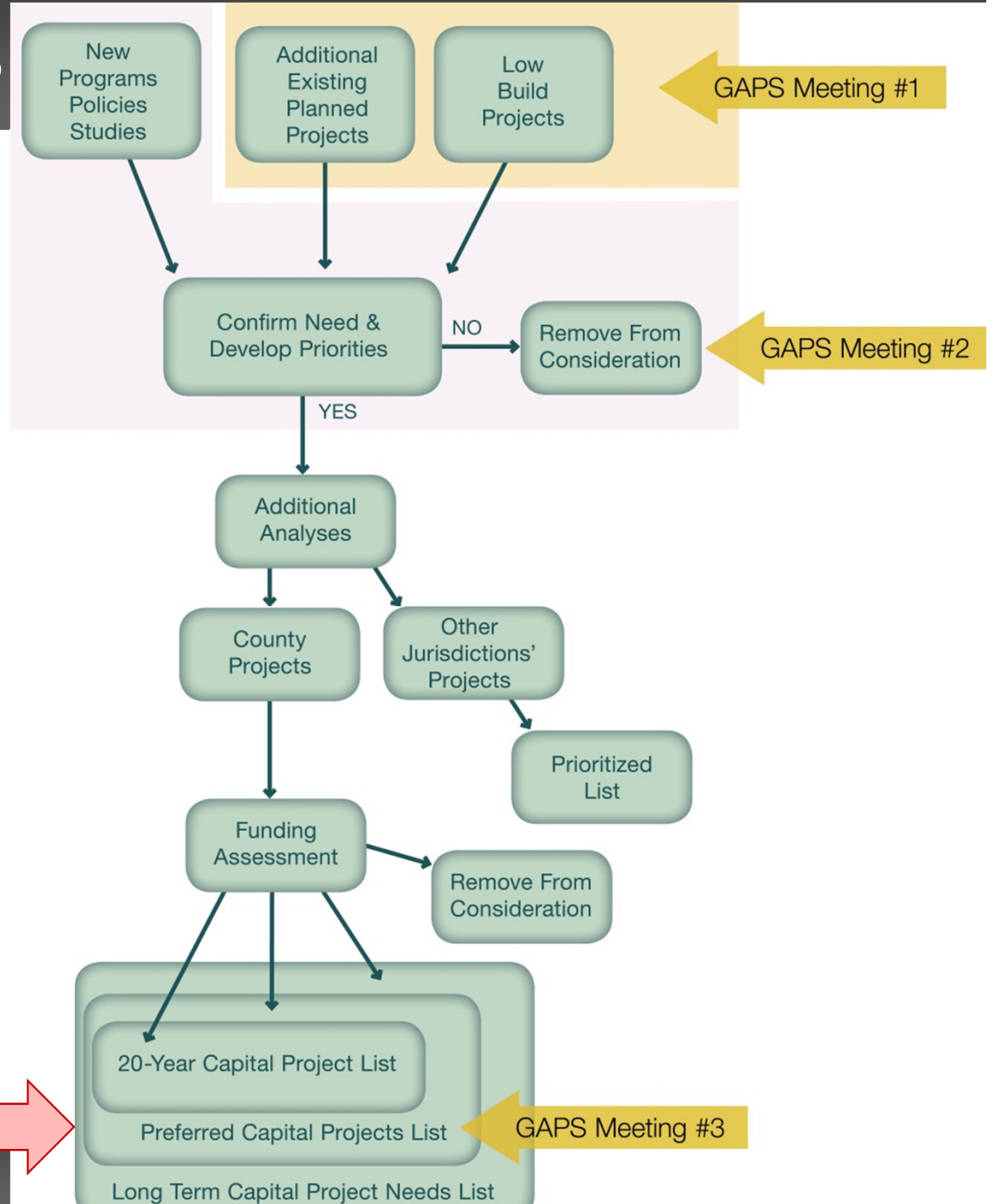
Meeting Purpose

- TSP projects have been scored and ranked relative to each other.
- Estimated forecast revenue covers approximately 15% of the projects based on total project costs.
- This meeting is about ***making trade-offs*** between projects to develop a prioritized project list.

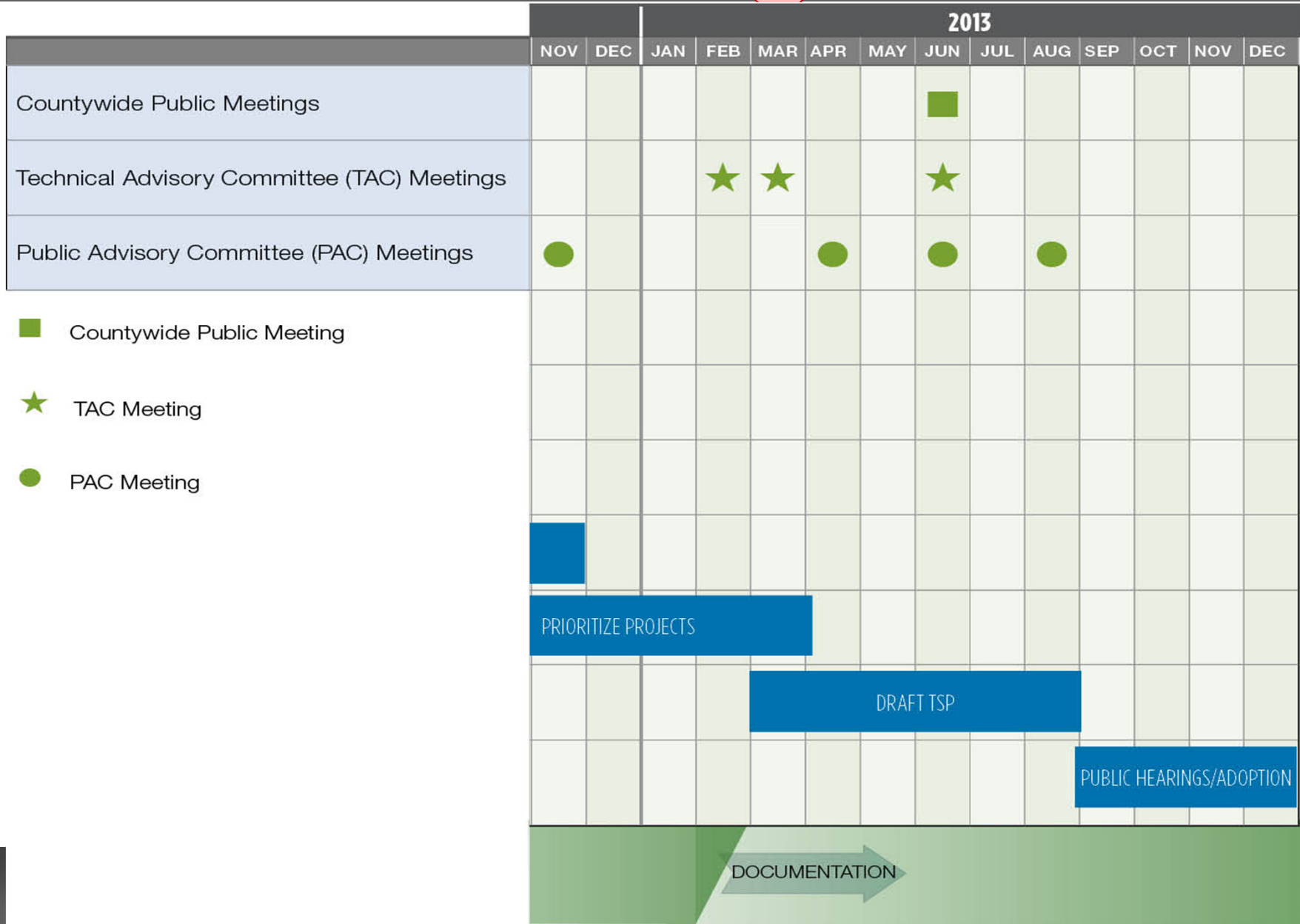
Project Updates

Since GAPS Meeting #2, we have completed:

- Funding Assessment
- Additional Analysis
- Cost Estimation
- Project Scoring
- Draft Prioritization



Project Schedule



Prioritization Process

- Projects initially scored based on:
 - Goals 1 – 6 Evaluation Criteria
 - 70% Growth Analysis
 - DTA Analysis
 - Identified Needs (Gaps and Deficiencies)
- County projects will be prioritized based on initial scoring and additional input from the PMT, PAC, TAC, public, and other stakeholders
- ODOT projects will be prioritized based on initial scoring and additional input

Prioritization Process

- Projects prioritized by total score within sub-area
- Projects will ultimately be divided in to 3 lists countywide:
 1. **20-Year Capital Projects:** highest ranking, about 15% of total projects, totaling about \$444m
 2. **Preferred Capital Projects:** second tier projects, about 15% of total projects, totaling about \$444m
 3. **Long-Term Capital Project Needs:** remaining projects

Draft Project List – Southwest County

	<u>County</u>	<u>Southwest County</u>
Total Projects	233	118
Total Cost	\$3.3 billion	\$1.5 billion
15% of Total Cost	\$496 million	\$218 million

Master List County Projects - Southwest County

3/5/2013

*Note: Projects are listed in descending order starting from the highest Total Score. Projects with the same Total Score are listed in ascending order starting from the lowest Planning Level Cost Estimate.

*Note: Projected Future Demand based on 2035 Low Build volumes from Metro Model.

15,000 assumed for multi-use path or bikeway bridge

+1: addresses deficiency	-1: not part of DTA recommendation	+2: addresses gap AND deficiency	+1: addresses gap OR deficiency
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*Note: To be completed based on feedback received during prioritization process.

Tier 1	Tier 1
Tier 2	Tier 2
Tier 3	Tier 3

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

See Prioritization Process Goal Matrix for Goal Scores

TSP Goal Assessment of Project

Additional Scores

TSP Update ID	Geographic Area	Project Name / Street Name	Segment / Locations	Project Description	Urban or Rural	Project Category	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	Total Goal Score	Projected Future Demand*	Planning Level Cost Estimate	70% Growth Analysis Score	DTA Analysis Score	Addresses Identified Need	Synergy Score*	Final Score	Rank within Geographic Sub Area	Rank Countywide
U469	SW	Clackamas River Dr	Oregon City limits to Springwater Rd	Add paved shoulders and turn lanes at major intersections	Rural	Rural Upgrade	0	2	2	2	2	0	8	9,000	\$23,240,000	1	0	2		11	Top 8%	Top 17%
U190	SW	Hattan Rd	Fischers Mill Rd to Grohland Rd	Add paved shoulders and turn lanes at major intersections	Rural	Rural Upgrade	2	2	2	1	2	0	9	10,000	\$15,900,000	-1	0	2		10	Top 8%	Top 17%
U302	SW	Union Mills Rd	OR 213 to OR 211	Add paved shoulders and turn lanes at major intersections	Rural	Rural Upgrade	2	2	1	1	1	0	7	9,000	\$21,360,000	1	0	2		10	Top 8%	Top 17%
2082	SW	OR 170	OR 99E to Macksburg Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Rural	Safety	0	1	1	2	2	2	8	11,000	\$60,000	0	0	1		9	Top 8%	Top 17%
U276	SW	Airport Rd	Airport Rd / Milely Rd Intersection	Install traffic signal	Rural	Rural Upgrade - Vehicle Capacity	1	2	0	1	1	2	7	22,000	\$200,000	1	0	1		9	Top 8%	Top 17%
U203	SW	Fischers Mill Rd	Fischers Mill / Hattan Rd Intersection	Install eastbound left-turn lane	Rural	Rural Upgrade - Vehicle Capacity	1	2	1	2	1	1	8	12,000	\$570,000	0	0	1		9	Top 8%	Top 17%
U197	SW	Redland Rd	Redland Rd / Holly Rd Intersection	Install traffic signal and westbound and northbound left-turn lanes or roundabout	Urban	Urban Upgrade - Vehicle Capacity	1	2	0	2	1	1	7	16,000	\$1,340,000	1	0	1		9	Top 8%	Top 17%
1089	SW	Graves Rd	Ranch Hills Rd to OR 213	Realign to create four-way intersection with Mulino Road and OR 213. Install traffic signal.	Rural	Rural Upgrade - Vehicle Capacity	1	2	2	2	1	1	9	21,000	\$5,550,000	-1	0	1		9	Top 8%	Top 17%
U249	SW	Springwater Rd	Hattan Rd to Hayden Rd	Add paved shoulders and turn lanes at major intersections	Rural	Rural Upgrade	2	2	2	2	1	-1	8	8,000	\$46,880,000	-1	0	2		9	Top 8%	Top 17%
2084	SW	Redland Rd	Redland Rd / Springwater Rd Intersection	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Rural	Safety	0	1	0	2	2	2	7	7,000	\$20,000	0	0	1		8	Top 20%	Top 32%
2073	SW	Redland Rd	OR 213 to Hattan Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Rural	Safety	0	1	1	2	1	2	7	12,000	\$80,000	0	0	1		8	Top 20%	Top 32%
1066	SW	Logging Road Trail	Canby Ferry	Extend the Logging Rd Trail to the Canby Ferry	Rural	Multi-Use Path	2	1	0	1	1	2	7	15,000	\$430,000	0	0	1		8	Top 20%	Top 32%
U295	SW	Canby-Marquam Highway (OR 170)	Canby-Marquam Hwy / Lone Elder Rd Intersection	Reconstruct intersection; install northbound left-turn lane and southbound right-turn lane	Rural	Rural Upgrade - Vehicle Capacity	1	2	1	2	1	0	7	11,000	\$3,750,000	0	0	1		8	Top 20%	Top 32%
U210	SW	Henrick Rd	OR 213 to Beaver Creek Rd	Add paved shoulders and turn lanes at major intersections	Rural	Rural Upgrade	2	2	1	1	1	0	7	8,000	\$6,780,000	-1	0	2		8	Top 20%	Top 32%
U750	SW	Holly Ln	Magelane Rd to Redland Rd	Add paved shoulders	Rural	Rural Upgrade - Active Transportation	2	1	2	1	1	0	7	7,000	\$8,350,000	0	0	1		8	Top 20%	Top 32%

Draft Project List – Southwest County

> Project Information:

1000 - 1999: Public Suggested Projects

2000 - 2999: New Identified Projects

U000 - U999: Previously Planned Projects

TSP Update ID	Geographic Area	Project Name / Street Name	Segment / Locations	Project Description	Urban or Rural	Project Category
U469	SW	Clackamas River Dr	Oregon City limits to Springwater Rd	Add paved shoulders and turn lanes at major intersections	Rural	Rural Upgrade
U190	SW	Hattan Rd	Fischers Mill Rd to Gronlund Rd	Add paved shoulders and turn lanes at major intersections	Rural	Rural Upgrade
U302	SW	Union Mills Rd	OR 213 to OR 211	Add paved shoulders and turn lanes at major intersections	Rural	Rural Upgrade
2082	SW	OR 170	OR 99E to Macksburg Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Rural	Safety
U276	SW	Airport Rd	Airport Rd / Miley Rd intersection	Install traffic signal	Rural	Rural Upgrade - Vehicle Capacity
U203	SW	Fischers Mill Rd	Fischers Mill / Hattan Rd intersection	Install eastbound left-turn lane	Rural	Rural Upgrade - Vehicle Capacity
U197	SW	Redland Rd	Redland Rd / Holly Rd intersection	Install traffic signal and westbound and northbound left-turn lanes or roundabout	Urban	Urban Upgrade - Vehicle Capacity
1089	SW	Graves Rd	Ranch Hills Rd to OR 213	Realign to create four-way intersection with Mulino Road and OR 213. Install traffic signal.	Rural	Rural Upgrade - Vehicle Capacity

Draft Project List – Southwest County

> Goals Ratings and Total Goal Score:

See Prioritization Process Goal Matrix for Goal Scoring

TSP Goal Assessment of Project							
	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	Total Goal Score
	0	2	2	2	2	0	8
	2	2	2	1	2	0	9
	2	2	1	1	1	0	7
	0	1	1	2	2	2	8
e	1	2	0	1	1	2	7
e	1	2	1	2	1	1	8
e	1	2	0	2	1	1	7
e	1	2	2	2	1	1	9

Draft Project List – Southwest County

➤ Projected Future Demand, Planning Level Cost Estimate and Additional Scores:

***Note:** Projected Future Demand based on 2035 Low Build volumes from Metro Model.

15,000 assumed for multiuse path or hike/bike bridge

+1 : addresses deficiency	-1: not part of DTA recommendation	+2: addresses gap AND deficiency
-1 : does not address deficiency		+1: addresses gap OR deficiency

***Note:** To be completed based on feedback received during prioritization process.

Additional Scores

al	Projected Future Demand*	Planning Level Cost Estimate	70% Growth Analysis Score	DTA Analysis Score	Addresses Identified Need	Synergy Score*
	9,000	\$23,240,000	1	0	2	
	10,000	\$15,900,000	-1	0	2	
	9,000	\$21,360,000	1	0	2	
	11,000	\$60,000	0	0	1	
	22,000	\$200,000	1	0	1	

Draft Project List – Southwest County

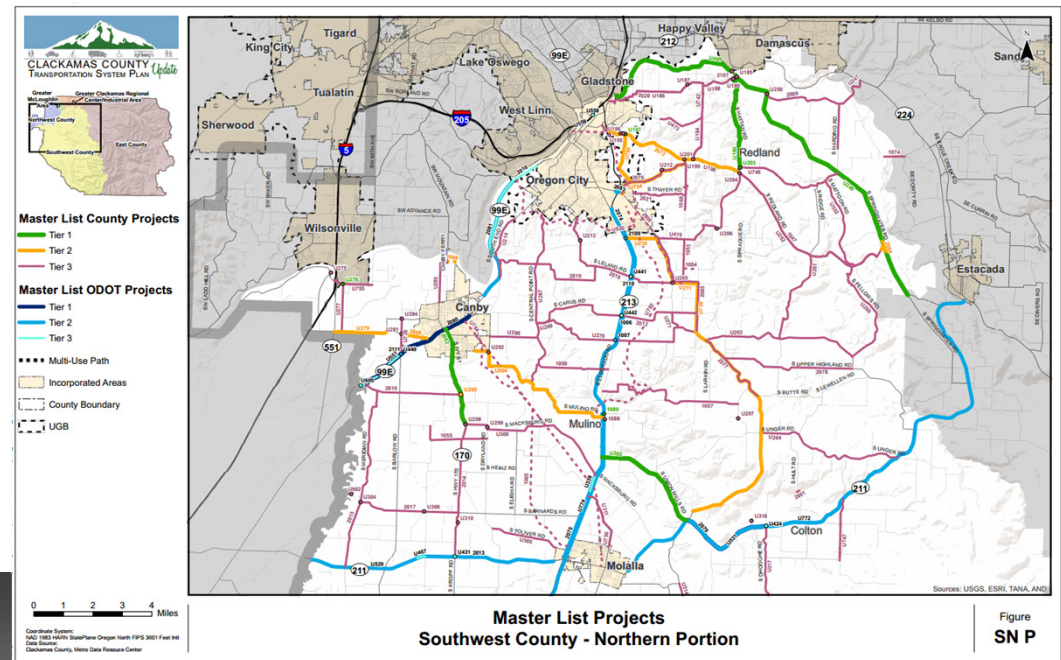
> Final Score and Ranking:

id	Tier 1	Tier 1
g	Tier 2	Tier 2
	Tier 3	Tier 3

	Final Score	Rank within Geographpic Sub Area	Rank Countywide
	11	Top 8%	Top 17%
	10	Top 8%	Top 17%
	10	Top 8%	Top 17%
	9	Top 8%	Top 17%
	9	Top 8%	Top 17%
	9	Top 8%	Top 17%

Project Prioritization Workshop

- Identify the following on the provided maps (with a sticker dot) and comment forms:
 - Projects with concerns/questions related to goals or scoring factors
 - Projects that should be reprioritized or removed



Project Prioritization Workshop

> Prioritization Online Tool

Clackamas Regional Center and Industrial Area

East County

Greater McLoughlin Area

Northwest County

Southwest County

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Tier 1 : Allocated \$0 out of \$218,081,000.

\$218,081,000 Remaining



Tier 2 : Allocated \$60,500,000 out of \$218,081,000.

\$157,581,000 Remaining



TSP Update ID	Project Name / Street Name	Segment / Locations	Project Description	Planning Level Cost Estimate	Total Score	Rank within Geographic Sub Area	Rank Countywide	Tier 1 Priority	Tier 2 Priority	Tier 3 Priority	Remove
U469	Clackamas River Dr	Oregon City limits to Springwater Rd	Add paved shoulders and turn lanes at major intersections	\$23,240,000	11	Top 8%	Top 17%	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
U190	Hattan Rd	Fischers Mill Rd to Gronlund Rd	Add paved shoulders and turn lanes at major intersections	\$15,900,000	10	Top 8%	Top 17%	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
U302	Union Mills Rd	OR 213 to OR 211	Add paved shoulders and turn lanes at major intersections	\$21,360,000	10	Top 8%	Top 17%	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2082	OR 170	OR 99E to Macksburg Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements	\$60,000	9	Top 8%	Top 17%	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
U276	Airport Rd	Airport Rd / Miley Rd intersection	Install traffic signal	\$200,000	9	Top 8%	Top 17%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
U203	Fischers Mill Rd	Fischers Mill / Hattan Rd intersection	Install eastbound left-turn lane	\$570,000	9	Top 8%	Top 17%	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
U197	Redland Rd	Redland Rd / Holly Rd intersection	Install traffic signal and westbound and northbound left-turn lanes or roundabout	\$1,340,000	9	Top 8%	Top 17%	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
			Realign to create four way intersection with Moline Road and OR 213								

Public Comments

Next Steps

- TAC Meeting #7 – *March 28*
 - Review and comment on recommend prioritized project list
- PMT Review of Prioritized List and Funding Sources
 - Review and comment on recommend prioritized project list and identify probable funding sources.
- PAC Meeting #5B – *April 23*
 - Review recommended prioritized project list and division in to:
 - ***20 Year Capital Projects List (top 15% of projects)***
 - ***Preferred Capital Projects List (second 15% of projects)***
 - ***Long-Term Capital Project Needs (bottom 70% of projects)***
- PAC Meeting #5C – *May ??*
 - If needed for additional discussion