

CLACKAMAS COUNTY BOARD OF COUNTY COMMISSIONERS

Study Session Worksheet

Presentation Date: June 25, 2013 **Approx Start Time:** 1:30 pm

Approx Length: 45 minutes

Presentation Title: Clackamas County Transportation Systems Plan Update

Department: Department of Transportation and Development (DTD) –
Engineering Division

Presenters: Mike Bezner, Engineering Manager; Karen Buehrig, Transportation Planning Supervisor, and Larry Conrad, Principal Transportation Planner

Other Invitees: Barb Cartmill, DTD Acting Director, Chips Janger, Chair of the TSP Public Advisory Committee (PAC), Ben Johnson, Vice Chair of the TSP PAC

WHAT ACTION ARE YOU REQUESTING FROM THE BOARD?

No action; this item is informational only.

EXECUTIVE SUMMARY:

Since the April 23, 2013 TSP Update Planning Session with the BCC, the TSP Public Advisory Committee (PAC) developed recommendations for projects to be included in the TSP and identified priority recommendations for these projects. Between May 15 and June 15, 2013, a Virtual Open House was held online to receive feedback on these recommendations, and approximately 30 presentations were given to community and business groups to share information, gather input and encourage people to participate in the open house.

This study session is an opportunity for the BCC to learn more about the PAC TSP project recommendations and receive an overview of the public comments that have been received.

FINANCIAL IMPLICATIONS (current year and ongoing):

There are no financial implications since this is an informational item.

LEGAL/POLICY REQUIREMENTS:

None

PUBLIC/GOVERNMENTAL PARTICIPATION:

For the past year and a half, the TSP Public Advisory Committee (PAC) has been actively involved in reviewing and providing input into the Transportation System Plan project. There have been numerous PAC meetings as well as other public outreach opportunities throughout the project.

OPTIONS:

N/A

RECOMMENDATION:

Use this as an opportunity to become familiar with the PAC recommended TSP projects and discuss the next steps for the TSP update project.

ATTACHMENTS:

PAC recommended project lists and maps

SUBMITTED BY:

Division Director/Head Approval

Department Director/Head Approval

County Administrator Approval

A. B. Conforti 6-18-13

For information on this issue or copies of attachments, please contact Karen Buehrig @
503-742-4683

Fiscal Impact Form

RESOURCES:

Is this item in your current work plan and budget?

- YES
 NO

START-UP EXPENSES AND STAFFING (if applicable):

ONGOING OPERATING EXPENSES/SAVINGS AND STAFFING (if applicable):

ANTICIPATED RESULTS:

COSTS & BENEFITS:

Costs:							
	Item	Hours	Start-up Capital	Other Start-up	Annual Operations	Annual Capital	TOTAL
	Total Start-up Costs						
	Ongoing Annual Costs						
Benefits/Savings:							
	Item	Hours	Start-up Capital	Other Start-up	Annual Operations	Annual Capital	TOTAL
	Total Start-up Benefit/Savings						
	Ongoing Annual Benefit/Savings						

Master List County Projects - PAC Recommendation

5/2/2013

*Note: Projects are organized by priority, then by geographic area and TSP Update ID.

Red text indicates changes made post-GAPS #3 Meetings

Blue text indicates change made post PAC #5B or #5C Meeting

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

*Note: Projected Future Demand based on 2035 Low Build volumes from Metro Model.
 15,000 assumed for multiuse path or bike/ped bridge

Suggested Tier	Total Cost
Tier 1	\$448,485,000
Tier 2	\$465,170,000
Tier 3	\$2,189,149,000

TSP Update ID	Geographic Area	Project Name / Street Name	Segment / Locations	Project Description	Project Category	Projected Future Demand*	Planning Level Cost Estimate	Final Score	TAC Meeting #7 Comment	PAC Meeting #5B Comment	GAPS Recommendation	TAC Recommendation	PAC Recommendation
1043	CRC	Monroe St	Fuller Rd to I-205 bike path	Add bikeways	Upgrade - Active Transportation	5,000	\$40,000	9	Local roads, bike blvd - sharrows/signing/outreach		Tier 2	Tier 1	Tier 1
1073	CRC	Monterey Ave	Stevens Rd to Bob Schumacher Rd	Construct collector roadway. Include bikeways and pedways	New Roadway	4,500	\$6,660,000	10	potential public/private partnership		Tier 1	Tier 1	Tier 1
2049	CRC	92nd Ave	Johnson Creek Blvd to Emmert View Ct	Fill gaps in pedways	Upgrade - Active Transportation	11,000	\$460,000	9			Tier 1	Tier 1	Tier 1
2052	CRC	72nd Ave Multi-Use Path Connection	Thompson Rd to Harmony Rd	Construct multi-use path	Multi-Use Path	15,000	\$1,140,000	9			Tier 1	Tier 1	Tier 1
2055	CRC	Johnson Rd	SE Lake Rd to North Clackamas Park Trail	Identify bike/ped connections to address gaps along 82nd Ave	Study	2,500	\$200,000	6	Railroad conflicts, enters into the natural area. Identify bike/ped connection for Tier 1		Tier 3	Tier 1	Tier 1
2090	CRC	Johnson Creek Blvd	55th Ave to I-205	Perform road safety audit or transportation safety review to identify appropriate safety improvements for the corridor	Safety	21,000	\$60,000	8	Associated with U072: prioritize safety audit before construction project		Tier 2	Tier 1	Tier 1
2091	CRC	Sunnyside Rd	93rd Ave to 126th Ave	Perform road safety audit or transportation safety review to identify appropriate safety improvements for the corridor	Safety	38,000	\$60,000	8			Tier 1	Tier 1	Tier 1
2114	CRC	Johnson Creek Blvd	Johnson Creek Blvd near 79th Pl	Add signal to either Johnson Creek Blvd and 79th Pl or 80th Ave	Upgrade - Vehicle Capacity	22,000	\$400,000	11	Road Safety Audit 2090		Tier 1	Tier 1	Tier 1
2115	CRC	Lake Rd	Lake Rd / International Way intersection	Add northbound right-turn lane	Upgrade - Vehicle Capacity	29,000	\$290,000	9			Tier 1	Tier 1	Tier 1
2805	CRC	Sunnyside Rd	Sunnyside Rd / Stevens Rd intersection	Intersection improvements, such as additional turn lanes, turn lane extensions, and/or signal timing modifications	Upgrade - Vehicle Capacity	30,000	\$2,000,000	10	Road Safety Audit 2091		Tier 1	Tier 1	Tier 1
U057	CRC	122nd Ave	Sunnyside Rd to Hubbard Rd	Add pedways, traffic calming and turn lanes at major intersections	Upgrade	6,000	\$4,850,000	12			Tier 1	Tier 1	Tier 1
U058	CRC	132nd Ave	Sunnyside Rd to OR 212	Add bikeways, pedways, traffic calming and turn lanes at major intersections	Upgrade	5,000	\$1,680,000	10			Tier 1	Tier 1	Tier 1
U072	CRC	Johnson Creek Blvd	55th Ave to Bell Ave	Widen to 3 lanes with bikeways and pedways	Upgrade	16,000	\$13,770,000	11	Consider modifying project or creating a new project that only addresses JCB/Linwood intersection realignment and a bicycle priority signal. Associated with Road Safety Audit 2090: prioritize safety audit before construction project.		Tier 1	Tier 1	Tier 1
U088	CRC	Fuller Rd	Otty St to Johnson Creek Blvd	Add pedways, turn lanes, on-street parking, central median and landscaping.	Upgrade	9,000	\$4,000,000	11			Tier 1	Tier 1	Tier 1
U089	CRC	Otty St Realignment	Otty St / OR 213 / Otty Rd	Realign Otty St with Otty Rd at OR 213	Upgrade	23,000	\$1,600,000	11			Tier 1	Tier 1	Tier 1
U090	CRC	Otty Rd	OR 213 to 92nd Ave	improve to minor arterial standard consistent with Fuller Road Station Plan; improve curb radius, add turn lanes, on-street parking, central median, landscaping, add bikeways and pedways	Upgrade	13,000	\$5,000,000	10			Tier 1	Tier 1	Tier 1
U092	CRC	Fuller Rd / King Rd Improvements	Fuller Rd / King Rd intersection	Restricts access to right-in/right-out only	Upgrade	23,000	\$255,000	10			Tier 1	Tier 1	Tier 1
U093	CRC	Monroe St	72nd Ave to Fuller Rd	Add bikeways and pedways	Upgrade - Active Transportation	6,000	\$7,470,000	10			Tier 1	Tier 1	Tier 1
U094	CRC	Boyer Dr	OR 213 to Fuller Rd	Construct new 2 lane roadway with turn lanes at OR 213 and Fuller Rd, bikeways and pedways	New Roadway	4,000	\$3,700,000	11			Tier 1	Tier 1	Tier 1
U099	CRC	85th Ave	Causey Ave to Monterey Ave	Add sidewalks and bikeways	Upgrade - Active Transportation	5,000	\$1,710,000	11			Tier 1	Tier 1	Tier 1
U100	CRC	Monterey Ave	OR 213 to Fuller Rd	Construct new 2 lane extension with pedways and bikeways	New Roadway	4,500	\$7,200,000	10			Tier 1	Tier 1	Tier 1

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U103	CRC	Harmony Rd	Lake Rd / Linwood Ave / Harmony Rd intersection	Grade separated railroad crossing, include bikeways and pedways	Upgrade	31,000	\$20,000,000	10	Project within Milwaukie TSP	<p>Public Comment (City of Milwaukie): concerns with Tier 1 status, would like to work to find solutions. Project should be on the list. Appropriate for Tier 1. Projected to be a high number of trains. If we build an overpass, may put pressure on making connection to Sunnybrook. There are other alternatives to getting between two points. Lower to Tier 2. This is in Milwaukie's turf.</p> <p>Would the multi-use trail go over this? I think we should involve the City and look at options for working with railroad. This is not a local problem, but regional. We need this corridor to work well. Keep in Tier 1. This is a significant existing problem. I agree that something needs to be done, but want to consider Milwaukie's concerns and involve them in the discussion. Milwaukie does not like bridge, but likely can't raise railroad. Milwaukie recognizes it is a problem, but unclear what solution is. Leave in Tier 1, but leave some flexibility in project description - look for solutions with cooperation from affected parties (Milwaukie and railroad).</p>	Tier 1	Tier 1	Tier 1
U107	CRC	Phillips Creek Multi-Use Path	Causey Ave to North Clackamas Regional Parks Trail	Construct multi-use path	Multi-Use Path	15,000	\$3,110,000	9	Difficult ROW project, not much of creek exposed. Costed too low. Other trails are more important and practical.		Tier 1	Tier 1	Tier 1
U108	CRC	North Clackamas Regional Park Trail	Linwood Ave to North Clackamas Park Complex	Construct multi-use path	Multi-Use Path	15,000	\$1,100,000	9		Keep in Tier 1.	Tier 1	Tier 1	Tier 1
U123	CRC	122nd Ave	Sunnyside Rd to Timber Valley Dr	Add bikeways and turn lanes at major intersections	Upgrade	12,000	\$3,220,000	9	Road Safety Audit 2092		Tier 1	Tier 1	Tier 1
U130a	CRC	97th Ave / Mather Rd	Lawfield Rd to Summers Ln	Add bikeways, pedways and eastbound left-turn lanes at Mather Rd / Summers Ln	Upgrade	10,000	\$4,560,000	8	Close to being done, Fill in bikelane gaps (both sides), maybe just fill in north side sidewalks? Consider splitting project? (Summers to 122nd, Tier 2)		Tier 3	Tier 1	Tier 1
U184	CRC	Springwater Rd	OR 224 to Hattan Rd	Widen to 3 lanes with shoulders and pedways.	Upgrade	29,000	\$5,570,000	8	Move to Tier 1. High use and issues during recreation season. 2 lane bridge currently under construction.		Tier 2	Tier 1	Tier 1
U338	CRC	82nd Dr	OR 212 to Lawnfield Rd	Fill in bikeways and pedways gaps	Upgrade - Active Transportation	11,000	\$660,000	9	Just needs sidewalks		Tier 1	Tier 1	Tier 1
U418	CRC	Twibert St Overcrossing	82nd Dr to Industrial Way	Construct new 2 lane overcrossing with bikeways and	New Roadway	7,500	\$9,210,000	10	RTP Financially Constrained list Project. (ODOT)		Tier NA	Tier NA	Tier 1
U653	CRC	I-205 ped / bike Overpass	Between Causey Ave and Sunnyside Rd	Construct a bike / ped crossing over I-205 to connect transit services, businesses and residents	Upgrade - Active Transportation	38,000	\$4,780,000	11			Tier 1	Tier 1	Tier 1
U654	CRC	North Clackamas Regional Park Trail	OR 213 to Linwood Ave	Construct multi-use path	Multi-Use Path	15,000	\$1,840,000	9			Tier 1	Tier 1	Tier 1
U659	CRC	Johnson Creek Blvd	Johnson Creek Blvd / OR 213 Intersection	Extend westbound left-turn lane and rebuild median	Upgrade - Vehicle Capacity	26,000	\$50,000	9	Road Safety Audit 2090		Tier 1	Tier 1	Tier 1
U720	CRC	Monroe St	Linwood Ave to 72nd Ave	Add bikeways	Upgrade - Active Transportation	5,000	\$5,330,000	11			Tier 1	Tier 1	Tier 1
U808	CRC	Johnson Creek Blvd	OR 213 to 92nd Ave	Add pedways, restripe for bikeways	Upgrade - Active Transportation	23,000	\$3,290,000	10	Road Safety Audit 2090		Tier 1	Tier 1	Tier 1
U811	CRC	Linwood Ave	Monroe St to Johnson Creek Blvd	Add pedways	Upgrade - Active Transportation	16,000	\$5,700,000	10			Tier 1	Tier 1	Tier 1
U939	CRC	I-205 Multi-Use Path Gap	OR 224/OR 213 to OR 212	Study the I-205 multi-use path gap to create a plan for connection and path completion	Study	15,000	\$200,000	10				Tier 1	Tier 1
1020	E	OR 211	OR 211 / Judd Rd intersection	Realign roadway	Safety	10,000	\$3,700,000	4		Project should be placed on County list, so ODOT will not make this improvement. The realignment needs to occur on Judd Road. High priority.	Tier NA	Tier NA	Tier 1

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2007	E	Arrah Wanna Blvd	US 26 to Fairway Ave	Add paved shoulders	Upgrade	2,500	\$3,530,000	8	Supports recreational uses	Paved shoulders are a good solution. Only a small portion with sidewalks. Support Tier 1.	Tier 2	Tier 1	Tier 1
2008	E	Fairway Ave	Arrah Wanna Blvd to Salmon River Rd	Add paved shoulders	Upgrade	2,500	\$6,170,000	8	Supports recreational uses	A good portion of the road is already developed. Support Tier 1.	Tier 2	Tier 1	Tier 1
2063	E	282nd Ave	US 26 to OR 212	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Safety	15,000	\$30,000	6			Tier 1	Tier 1	Tier 1
2069	E	Eagle Creek Rd	Firwood Rd to Duus Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Safety	3,000	\$50,000	7	Move up to Tier 1 - safety issues are top priority. Associated with U257		Tier 2	Tier 1	Tier 1
U229	E	Richey Rd	Kelso Rd to OR 212	Add paved shoulders and left turn lane at Richey Rd and OR 212.	Upgrade	15,000	\$4,090,000	10			Tier 1	Tier 1	Tier 1
U231	E	Amisigger Rd / Kelso Rd	OR 224 to Kelso / Richey Rd	Add paved shoulders; turn lanes at Amisigger/OR 212 and Kelso/Richey; smooth curves.	Upgrade	12,000	\$12,690,000	10			Tier 1	Tier 1	Tier 1
U241a	E	Welches Rd	US 26 to Birdie Ln	Add paved shoulders; add pedways in Welches rural center	Upgrade	2,500	\$9,050,000	10			Tier 1	Tier 1	Tier 1
U257	E	Eagle Creek Rd	Curran Rd to Duus Rd	Remove horizontal curve, relocate intersection, add paved shoulders and turn lanes at major intersection; investigate speed zone south of Curran Road	Upgrade	2,000	\$10,240,000	9	Move up in priority to Tier 1 (from 3) with safety audit (2069). Safety audit could also be alternative to road project (to find smaller fixes)		Tier 3	Tier 1	Tier 1
U781	E	Cazadero Multi-Use Trail	Community of Boring to City of Estacada	Construct multi-use path	Multi-Use Path	15,000	\$19,100,000	6	Move up - in bigger discussion of trail projects, this trail is important, likelihood of funding	State trail - should state funds be used? Not necessarily; the County could apply for fundings and grants to support. Support Tier 1.	Tier 3	Tier 2	Tier 1
U933	E	Dodge Park Rd Bridge	~192 feet south of Pipeline Rd	Replace failing bridge with paved shoulders	Bridge	1,000	\$4,500,000	10	Bridge Sufficiency <50			Tier 1	Tier 1
1016	M	Rupert Rd	Rupert Rd / Oak Grove Blvd intersection	Provide pedestrian crosswalk	Upgrade - Active Transportation	2,000	\$250,000	8	Reconstruct intersection and add sidewalks on the east side?		Tier 1	Tier 1	Tier 1
1037	M	Lake Oswego to Milwaukie Bridge	Between Sellwood and Oregon City	Construct bike/ped crossing over the Willamette River	Bridge	15,000	\$10,130,000	6	Question - does railroad support ped/bike facilities? Potential for high-speed rail corridor? Believe corridor has been removed as potential for high-speed rail. Project will have challenges, but connection would be nice. Similar if not higher benefits than French Prairie Bridge. Transformative project. Move up in priority? (PBAC recommends Tier 1)	This would be the only crossing north of Oregon City. Agree that this is a transformative project. Agree to move to Tier 1.	Tier 2	Tier 1	Tier 1
1042	M	Oak Grove Blvd	Laurie Ave and Rupert Dr	Fill gaps in pedways and bikeways	Upgrade - Active Transportation	2,000	\$18,670,000	9			Tier 1	Tier 1	Tier 1
2041	M	Hull Ave	Water Edge Way to Tims View Ave	Fill gaps in pedways	Upgrade - Active Transportation	2,500	\$4,500,000	10	Question - local road, part on border of Gladstone. Keep in Tier 1. People may be using Hull from Trolley Trail to make east/west connections.		Tier 1	Tier 1	Tier 1
2044	M	Torbank Rd	River Rd to Trolley Trail	Fill gaps in pedways	Upgrade - Active Transportation	2,500	\$1,350,000	8	Move up to Tier 1 - Transportation Enhancement Application, project supported by community, bike/ped community, connects to school, Trolley Trail. Double check extents (why not to OR 99E?)	Agree with move to Tier 1, school.	Tier 3	Tier 1	Tier 1
2045	M	Courtney Ave	OR 99E to Oatfield Rd	Fill gaps in pedways and bikeways	Upgrade - Active Transportation	2,000	\$1,850,000	9			Tier 1	Tier 1	Tier 1
2087	M	Jennings Ave	Webster Rd to OR 99E	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Safety	8,000	\$60,000	7			Tier 1	Tier 1	Tier 1
2088	M	Oatfield Rd	Jennings Ave to Lake Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Safety	8,000	\$120,000	7	Move up to Tier 1 - safety issues are top priority		Tier 3	Tier 1	Tier 1
2113	M	Thiessen Rd	Thiessen Rd / Aldercrest Rd intersection	Add turn lanes on Thiessen Rd; consider converting to two-way stop controlled	Upgrade - Vehicle Capacity	13,000	\$570,000	8			Tier 1	Tier 1	Tier 1
U137a	M	River Rd	Lark St to Courtney Ave	Add pedways	Upgrade - Active Transportation	8,000	\$4,760,000	10			Tier 1	Tier 1	Tier 1
U137c	M	River Rd	Oak Grove Blvd to Risley Ave	Fill gaps in bikeways and pedways	Upgrade - Active Transportation	8,000	\$5,570,000	10	Move down? - sufficient shoulder that could be improved at a low cost. Consider changing description to scale back, reduce scope. Trolley Trail does serve as parallel route. Decision to keep in Tier 1.		Tier 1	Tier 1	Tier 1

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U140a	M	Concord Rd	River Rd to Oatfield Rd	Fill gaps in pedway	Upgrade - Active Transportation	3,000	\$7,230,000	11			Tier 1	Tier 1	Tier 1
U140b	M	Concord Rd	River Rd to Oatfield Rd	Add turn lanes at major intersections	Upgrade - Vehicle Capacity	3,000	\$1,430,000	7			Tier 1	Tier 1	Tier 1
U141	M	Oatfield Rd	Oatfield Rd / Park Rd intersection	Install traffic signal and add turn lanes	Upgrade - Vehicle Capacity	10,000	\$1,060,000	8	Signal is not part of TriMet improvement. Turn lanes will be built with TriMet improvement. Support Tier 1 priority. Check cost (too high). Road Safety Audit 2088		Tier 1	Tier 1	Tier 1
U145	M	Oatfield Rd	Oatfield Rd / McNary Rd intersection	Add southbound and eastbound left-turn lanes	Upgrade	8,000	\$860,000	8	Road Safety Audit 2088		Tier 1	Tier 1	Tier 1
U149a	M	Jennings Ave	River Rd to Oatfield Rd	Widen to 2-lane urban minor arterial standard with bikeway and pedway infill	Upgrade - Active Transportation	8,000	\$13,870,000	10	Safety audit 2087 and project on Jennings Ave, move this up to Tier 1, synergy. Important roadway. Prior STIP project. Break in to two projects at Oatfield. River Rd to Oatfield up to Tier 1.		Tier 2	Tier 1	Tier 1
U795	M	Courtney Ave	River Rd to OR 99E (McLoughlin Blvd)	Construct pedway / complete gaps on the south side; add bikeways	Upgrade - Active Transportation	1,000	\$5,030,000	10			Tier 1	Tier 1	Tier 1
U799	M	Harold Ave	Concord Rd to Roethe Rd	Add pedways and traffic calming	Upgrade - Active Transportation	2,500	\$3,310,000	10	Support, school connection, many complaints, support Tier 1.		Tier 1	Tier 1	Tier 1
U815	M	Park Ave	River Rd to OR 99E (McLoughlin Blvd)	Add pedways	Upgrade - Active Transportation	5,000	\$1,750,000	10			Tier 1	Tier 1	Tier 1
U167	NW	Borland Rd	Tualatin City Limits to Stafford Rd	Add paved shoulders and turn lanes at major intersections	Upgrade	21,000	\$5,700,000	7	Move down to Tier 2 - likely to be driven by development in Tualatin. Forecast does not predict the road becoming urban. Road is important for hospital. Comment to do full corridor to West Linn (U741). Other support to keep in Tier 1.		Tier 1	Tier 1	Tier 1
U168	NW	Stafford Rd	Rosemont Rd to I-205	Add paved shoulders and turn lanes at major intersections	Upgrade	23,000	\$10,100,000	11	Road Safety Audit 2094		Tier 1	Tier 1	Tier 1
U169	NW	Stafford Rd	Stafford Rd / Childs Rd intersection	Install traffic signal and southbound and northbound turn lanes	Upgrade - Vehicle Capacity	26,000	\$770,000	7	Move to Tier 1 from Tier 3 - capacity and safety issue. Road Safety Audit 2094		Tier 3	Tier 1	Tier 1
U180	NW	65th Ave	65th Ave / Elligsen Rd / Stafford Rd intersection	Construct roundabout	Upgrade	16,000	\$5,550,000	9			Tier 1	Tier 1	Tier 1
U702	NW	Carman	Lake Oswego City Limits to Roosevelt Ave	Add bikeways and pedways; analyze for turn lanes	Upgrade	16,000	\$7,070,000	10			Tier 1	Tier 1	Tier 1
U741	NW	Borland Rd	Stafford Rd to City of West Linn	Add paved shoulders	Upgrade	18,000	\$15,110,000	10	Move to Tier 1 to be done with U167? Stretch from Tualatin to Stafford Rd is most important.		Tier 2	Tier 1	Tier 1
U925	NW	French Prairie Bridge	Willamette River near I-5	Construct a bridge consistent with the Connecting Clackamas Plan	Bridge	15,000	\$9,790,000	10			Tier 1	Tier 1	Tier 1
U926	NW	Tonquin Trail	Willamette River through Wilsonville	Construct bike / ped bridge consistent with the Connecting Clackamas Plan	Multi-Use Path	15,000	\$15,820,000	7		Recommendation to move to Tier 1 to connect city and County with a trail, safety, tourism. No other off road routes. In the Master Plan as "Ice Age Tonkin Trail." Do not have all the ROW, will have to purchase some of it. This project has been worked on for a long time, Metro been working on, support by many people.	Tier 3	Tier 3	Tier 1
U927	NW	Childs Rd	Sycamore Ave to 65th Ave	Transfer roadway to local jurisdiction	Other	9,000	\$80,000	1	Move down to Tier 2 - shouldn't be high priority for County, could be Rivergrove's responsibility. Rivergrove does not have in its plan; someone should carry. Childs Rd is an anomaly in that it falls between two cities, but is County facility. Neither Rivergrove nor Lake Oswego likely to address. Potential to transfer road? Leave in Tier 1, change description to Road Transfer.		Tier 1	Tier 1	Tier 1
1066	SW	Smerald Necklace Trail	To Canby Ferry	Extend Molalla Forest Rd to Locust St	Multi-Use Path	15,000	\$430,000	9			Tier 1	Tier 1	Tier 1
1068	SW	Ferguson Multi-Use Path	Thayer Rd to Ferguson Rd	Multi-use path to connect Ferguson Rd to Thayer Rd	Multi-Use Path	1,000	\$740,000	3	Needs to be further studied. Move to Tier 3 from Tier 1. Terrain challenging.		Tier 1	Tier 3	Tier 1
1090	SW	Graves Rd/Passmore Rd/Mulino Rd	OR 213	Resign to create four-way intersection of Mulino Road/Graves Road/ OR 213. Install traffic signal. Disconnect Passmore Road east of OR 213 (at school) and create cul-de-sac on western portion of roadway segment.	Safety	1,000	\$1,170,000	3	ODOT made large investment in area recently. Move down to Tier 2?	The cost of this project should not impact its ranking. Passmore road goes straight through a grade school and kids must cross it to get between classes and to recess. Highway 213 is nicknamed blood alley by the Molalla fire department and also runs within 50 feet of a school. Tier 1.	Tier 1	Tier 3	Tier 1

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2073	SW	Redland Rd	OR 213 to Hattan Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Safety	12,000	\$80,000	7			Tier 1	Tier 1	Tier 1
2076	SW	Maplelane Rd	Beavercreek Rd to Ferguson Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Safety	8,000	\$50,000	6			Tier 1	Tier 1	Tier 1
2077	SW	Beavercreek Rd	Lower Highland Rd to Butte Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Safety	4,000	\$50,000	5			Tier 1	Tier 1	Tier 1
2078	SW	Upper Highland Rd	Beavercreek Rd to Lower Highland Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Safety	16,000	\$80,000	6			Tier 1	Tier 1	Tier 1
2082	SW	OR 170	OR 99E to Macksburg Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Safety	11,000	\$60,000	8			Tier 1	Tier 1	Tier 1
2084	SW	Redland Rd	Redland Rd / Springwater Rd intersection	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Safety	7,000	\$20,000	7	Road Safety Audit 2084		Tier 1	Tier 1	Tier 1
2085	SW	Beavercreek Rd	Ferguson Rd to Spangler Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Safety	8,000	\$80,000	6			Tier 1	Tier 1	Tier 1
2107	SW	Springwater Rd	Springwater Rd / Clackamas River Dr Intersection	Install signal and second southbound left-turn lane on Clackamas River Dr	Upgrade - Vehicle Capacity	36,000	\$770,000	6			Tier 1	Tier 1	Tier 1
2801	SW	Hult Rd	OR 211 to Unger Rd	Re-open and improve Hult Rd	Upgrade	1,000	\$1,070,000	4			Tier 1	Tier 1	Tier 1
U185	SW	Springwater Rd	400 ft east of Hattan Rd	Construct bridge to accommodate paved shoulders	Bridge	15,000	\$3,630,000	7	Passmore road goes straight through a grade school and kids must cross it to get between classes and to recess. Tier 1.		Tier 1	Tier 1	Tier 1
U189	SW	Hattan Rd	Hattan Rd / Gronlund Rd intersection	Install southbound right-turn lane	Upgrade	23,000	\$570,000	4			Tier 1	Tier 1	Tier 1
U197	SW	Redland Rd	Redland Rd / Holly Rd intersection	Install traffic signal and westbound and northbound left-turn lanes or roundabout	Upgrade - Vehicle Capacity	16,000	\$1,340,000	9	Road Safety Audit 2073		Tier 1	Tier 1	Tier 1
U199	SW	Redland Rd	Redland Rd / Ferguson Rd intersection	Construct roundabout	Upgrade - Vehicle Capacity	16,000	\$5,550,000	7	Road Safety Audit 2073		Tier 1	Tier 1	Tier 1
U203	SW	Fischers Mill Rd	Fischers Mill / Hattan Rd intersection	Install eastbound left-turn lane	Upgrade	12,000	\$570,000	9			Tier 1	Tier 1	Tier 1
U211	SW	Beavercreek Rd	Henrici Rd to Yeoman Rd/Steiner Rd	Add paved shoulders and turn lanes at major intersections	Upgrade	11,000	\$15,840,000	9	Road Safety Audit 2085		Tier 1	Tier 1	Tier 1
U249a	SW	Springwater Rd	Hattan Rd to Bakers Ferry Rd	Add paved shoulders and turn lanes at major intersections	Upgrade	8,000	\$6,170,000	10	Move down to Tier 2? Improvement between Carver Bridge and boat launch (Hayden Rd). Break up project and improve from bridge to Hattan, Springwater to Bakers Ferry; Hattan to Bakers Ferry (Tier 1), rest to Tier 3		Tier 1	Tier 1	Tier 1
U261a	SW	Ridge Rd	~1 miles north of Lower Highland Rd	Fix sinkhole	Upgrade	3,000	\$2,230,000	6			Tier 1	Tier 1	Tier 1
U265	SW	Beavercreek Rd	Beavercreek Rd / Leland Rd / Kamrath Rd intersection	Construct roundabout with additional analysis	Upgrade - Vehicle Capacity	7,000	\$4,510,000	5	SPIS (Safety Priority Index System) list. huge safety, beneficial project. Road Safety Audit 2085		Tier 2	Tier 1	Tier 1
U275	SW	Boones Ferry Rd	Boones Ferry Rd / Butteville Rd intersection	Remove bank, remove/decrease horizontal curve	Safety	1,000	\$4,020,000	6			Tier 1	Tier 1	Tier 1
U276	SW	Airport Rd	Airport Rd / Miley Rd intersection	Install traffic signal	Upgrade - Vehicle Capacity	22,000	\$200,000	8			Tier 1	Tier 1	Tier 1
U290	SW	Township Rd	Central Point Rd to Canby City limit	Add paved shoulders and turn lanes at major intersections	Upgrade	5,000	\$8,510,000	8			Tier 1	Tier 1	Tier 1
U292	SW	Mulino Rd	Mulino Rd / 13th Ave	Relocate intersection to south away from railroad trestle	Safety	3,000	\$3,070,000	6	Move up - several fatalities, safety concerns.		Tier 2	Tier 1	Tier 1
U295	SW	Canby-Marquam Highway	Canby-Marquam Hwy / Lone Elder Rd intersection	Reconstruct intersection; install northbound left-turn lane and southbound right-turn lane	Upgrade - Vehicle Capacity	11,000	\$3,750,000	9	Road Safety Audit 2082		Tier 1	Tier 1	Tier 1
U302a	SW	Union Mills Rd	OR 213 to OR 211	Add turn lanes at major intersections	Upgrade - Vehicle Capacity	9,000	\$3,420,000	8			Tier 1	Tier 1	Tier 1
U302b	SW	Union Mills Rd	OR 213 to OR 211	Construct multi-use path	Multi-Use Path	9,000	\$5,700,000	8	Move down to Tier 3 - demand for multi-use path? Equestrian interest. Alternative to upgrade to shoulders.	Meant to be to add shoulders to south side of roadway. Connected to a Tier 1 project. Keep in Tier 1.	Tier 1	Tier 3	Tier 1
U304	SW	Meridian Rd	Meridian Rd / Whiskey Hill Rd intersection	Limit access/egress points to and from school on NE corner of intersection	Safety	4,000	\$200,000	7			Tier 1	Tier 1	Tier 1
U310	SW	Canby-Marquam Highway	~1,800 ft south of Barnards Rd	Replace failing bridge with 2-lane structure with paved shoulders	Bridge	6,000	\$5,580,000	9	Bridge Sufficiency <50		Tier 1	Tier 1	Tier 1
U318	SW	Klang's Mill bridge	~1,000 ft north of OR 211	Replace failing bridge	Bridge	2,500	\$1,620,000	4	Bridge Sufficiency <50		Tier 1	Tier 1	Tier 1

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U475a	SW	Henrici Rd	Beavercreek Rd to Ferguson Rd	Add paved shoulders and turn lanes at major intersections. Remove horizontal and vertical curves	Upgrade	9,000	\$5,470,000	8	Ferguson to Beavercreek (Tier 2 just shoulders); and Ferguson to Redland Tier 3 (along with bridge U206)		Tier 2	Tier 2	Tier 1
U929	SW	Clarks Four Corners Intersection	Beavercreek Rd / Unger Rd	Reconstruct intersection	Safety	4,000	\$4,830,000	9	Potential low cost improvements (like signage), low volume roadways. Decision to leave in Tier 1.		Tier 1	Tier 1	Tier 1
U932	SW	Lone Elder Rd Bridge	~5,800 feet east of Barlow Rd	Replace failing bridge with paved shoulders	Bridge	3,000	\$430,000	10	Bridge Sufficiency <50			Tier 1	Tier 1
2048	CRC	Hubbard Rd	122nd Ave to 132nd Ave	Fill gaps in pedways	Upgrade - Active Transportation	3,000	\$1,650,000	8			Tier 2	Tier 2	Tier 2
2054	CRC	Lake Rd	Milwaukie City limits east to OR 224	Fill gaps in pedways	Upgrade - Active Transportation	9,000	\$5,530,000	9			Tier 2	Tier 2	Tier 2
2092	CRC	122nd Ave	Eagle Glen Dr to Hubbard Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements for the corridor	Safety	8,000	\$60,000	7	U123 is in Tier 1 and overlaps with the Road Safety Audit study. Prioritize study to ensure best use of funds.		Tier 2	Tier 1	Tier 2
2117	CRC	Sunnybrook Blvd	Sunnybrook Blvd / 82nd Ave Intersection	Add turn lanes on all approaches	Upgrade - Vehicle Capacity	34,000	\$3,270,000	6			Tier 3	Tier 3	Tier 2
U075	CRC	Clatsop St / Luther Rd	72nd Ave to Fuller Rd	Add turn lanes and signals at OR 213 intersection; add bikeways, pedways and traffic calming	Upgrade	2,500	\$7,920,000	9			Tier 2	Tier 2	Tier 2
U082	CRC	Linwood Ave	Linwood Ave / Monroe St Intersection	Add curbs/sidewalks, improve horizontal alignments	Upgrade	15,000	\$7,420,000	10			Tier 2	Tier 2	Tier 2
U097	CRC	Causey Ave	Fuller Rd to I-205	Add bikeways	Upgrade - Active Transportation	3,000	\$50,000	10	Parking is important here, no seperated bikeways, traffic calming/curb extensions instead. High density res but no through traffic. Change scope		Tier 2	Tier 1	Tier 2
U130b	CRC	Mather Rd	Summers Ln Rd to 122nd Ave	Add bikeways, pedways and eastbound left-turn lanes at Mather Rd / 122nd Ave	Upgrade	10,000	\$6,440,000	8	Close to being done, fill in bikelane gaps (both sides), maybe just fill in north side sidewalks? Consider splitting project? (Summers to 122nd, Tier 2)		Tier 3	Tier 2	Tier 2
U135	CRC	142nd Ave	Sunnyside Rd to OR 212	Add bikeways and pedways	Upgrade - Active Transportation	9,000	\$13,710,000	9	A little less than half done.		Tier 2	Tier 2	Tier 2
U155	CRC	Strawberry Ln	Strawberry Ln / 82nd Dr Intersection	Install traffic signal	Upgrade - Vehicle Capacity	26,000	\$1,220,000	5	Citizen complaints.		Tier 3	Tier 2	Tier 2
U650	CRC	Sunnyside Rd	OR 213 to 97th Ave	Modified boulevard treatment including lane redesign, medians, beautification, curb extensions, reconstructed sidewalks, landscaping, south side bikeways	Upgrade - Active Transportation	34,000	\$3,000,000	9			Tier 2	Tier 2	Tier 2
U661	CRC	Fuller Rd / King Rd Realignment	Fuller Rd / King Rd intersection	Realign Fuller Rd west at King Rd	Upgrade	11,000	\$5,770,000	10			Tier 2	Tier 2	Tier 2
U705	CRC	Evelyn St / Mangan Dr	Jennifer St to Water Ave	Add bikeways	Upgrade - Active Transportation	14,000	\$50,000	8			Tier 2	Tier 2	Tier 2
U715	CRC	Linwood Ave	Queen Rd to Johnson Creek Blvd	Add bikeways	Upgrade - Active Transportation	16,000	\$7,190,000	10			Tier 2	Tier 2	Tier 2
U792	CRC	Bell Ave / Alberta St / 72nd Ave	King Rd to County line	Add bikeways and pedways	Upgrade - Active Transportation	6,000	\$21,450,000	10			Tier 2	Tier 2	Tier 2
U796	CRC	Evelyn St	OR 224 to Jennifer St	Add bikeways and pedways	Upgrade - Active Transportation	11,000	\$1,630,000	9			Tier 2	Tier 2	Tier 2
U805	CRC	Jennifer St	82nd Dr to 135th Ave	Add pedways	Upgrade - Active Transportation	8,000	\$19,610,000	10			Tier 2	Tier 2	Tier 2
U825	CRC	Monroe St / 72nd Ave / Thompson Rd	Linwood Ave to Fuller Rd	Add pedways	Upgrade - Active Transportation	5,000	\$3,970,000	10			Tier 2	Tier 2	Tier 2
1010	E	282nd Ave	282nd / Haley Rd intersection	Install traffic signal and lower speed limit on 282nd	Upgrade	15,000	\$1,000,000	5	Road Safety Audit 2063		Tier 2	Tier 2	Tier 2
1062	E	362nd Ave	Skogan Rd to OR 211	Add paved shoulders	Upgrade	2,500	\$5,980,000	9			Tier 2	Tier 2	Tier 2
U502	E	Firwood Rd	Wildcat Mountain Dr to US 26	Add paved shoulders and turn lanes at major intersections	Upgrade	1,000	\$17,120,000	8			Tier 2	Tier 2	Tier 2
U745	E	Eagle Creek Rd	OR 211 to Duus Rd	Add paved shoulders	Upgrade	3,000	\$14,420,000	10	Road Safety Audit 2069		Tier 2	Tier 2	Tier 2
1078	M	Clackamas Rd	Johnson and Webster Rd	Fill gaps in bikeways and pedways	Upgrade - Active Transportation	3,000	\$3,420,000	8			Tier 3	Tier 3	Tier 2
U149b	M	Jennings Ave	Oatfield Rd to Webster Rd	Widen to 2-lane urban minor arterial standard with bikeway and pedway infill	Upgrade - Active Transportation	8,000	\$13,340,000	10	Safety audit 2087 and project on Jennings Ave, move this up to Tier 1, synergy. Important roadway. Prior STIP project. Break in to two projects at Oatfield. River Rd to Oatfield up to Tier 1.		Tier 2	Tier 2	Tier 2

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U150	M	Webster Rd	OR 224 to Gladstone	Fill gaps in bikeways and pedways	Upgrade - Active Transportation	12,000	\$22,730,000	10			Tier 3	Tier 3	Tier 2
U819	M	Roots Rd	Webster Rd to McKinley Rd	Add pedways	Upgrade - Active Transportation	8,000	\$4,720,000	10	Does this need to be Tier 1? Aren't there sidewalks on one side? (sidewalks costed at 20% completed) Decision to leave in Tier 1.		Tier 1	Tier 1	Tier 2
U824	M	Thiessen Rd	Oatfield Rd to Webster Rd	Add bikeways and pedways	Upgrade - Active Transportation	11,000	\$23,830,000	9			Tier 2	Tier 2	Tier 2
1077	NW	Advance Rd	~2,900 ft west of Mountain Rd	Realign roadway and grade improvements	Upgrade	7,000	\$2,180,000	4	Move up to Tier 1 - safety project. Several fatalities.		Tier 2	Tier 1	Tier 2
2033	NW	Advance Rd	65th Ave to Mountain Rd	Add paved shoulders	Upgrade	13,000	\$11,840,000	6			Tier 2	Tier 2	Tier 2
U173	NW	Rosemont Rd	Stafford Rd to Salamo Rd	Add paved shoulders and turn lanes at major intersections	Upgrade	16,000	\$16,470,000	9	Move to Tier 2. Ped/bike community supports.		Tier 3	Tier 2	Tier 2
U177	NW	Stafford Rd	I-205 to Boeckman Rd (Advance Rd)	Add paved shoulders and turn lanes at major intersections	Upgrade	19,000	\$22,780,000	12	Road Safety Audit 2094		Tier 2	Tier 2	Tier 2
1065	SW	Molalla Forest Rd	City of Canby to City of Molalla	Pave to provide bicycle access	Multi-Use Path	15,000	\$27,850,000	7	Support by Canby/Molalla. More complete ownership		Tier 2	Tier 1	Tier 2
2800	SW	Beavercreek multi-use path	Loder Rd to Ferguson Rd	Construct multi-use path consistent with the Beavercreek Road Concept Plan	Multi-Use Path	15,000	\$22,440,000	8	Road Safety Audit 2085		Tier 2	Tier 2	Tier 2
2806	SW	Arndt Rd Extension	Knights Bridge to OR 99E	Construct new 3 lane roadway	New Roadway	32,000	\$26,770,000	8	Move down to Tier 2? Could we change description to reduce cross-section to be consistent with other roadways? There is currently congestion on the road, showing as congested in the future. Needs more corridor specific look. Agreement to move to Tier 2, look at description further. See draft policy 72 and 73.	Could support Tier 2.	Tier 1	Tier 2	Tier 2
U190	SW	Hattan Rd	Fischers Mill Rd to Gronlund Rd	Add paved shoulders and turn lanes at major intersections	Upgrade	10,000	\$15,900,000	11	Move to Tier 2, use does not justify priority, somewhat regular cyclist use.		Tier 1	Tier 2	Tier 2
U201	SW	Redland Rd	Redland Rd / Bradley Rd intersection	Install eastbound left-turn lanes	Upgrade - Vehicle Capacity	11,000	\$1,140,000	3	Road Safety Audit 2073		Tier 2	Tier 2	Tier 2
U204	SW	Redland Rd	Redland Rd / Fischers Mill Rd / Henrici Rd intersection	Install eastbound left-turn, eastbound right-turn and westbound right-turn lanes at Henrici Rd	Upgrade	11,000	\$1,140,000	7			Tier 2	Tier 2	Tier 2
U210	SW	Henrici Rd	OR 213 to Beavercreek Rd	Add paved shoulders and turn lanes at major intersections	Upgrade	8,000	\$6,780,000	9	Expensive project		Tier 1	Tier 1	Tier 2
U250	SW	Springwater Rd	Springwater Rd / Bakers Ferry Rd intersection	Install southbound left-turn lane; realign intersection to fix skew.	Upgrade	15,000	\$5,350,000	8			Tier 2	Tier 2	Tier 2
U299	SW	Dryland Rd	Macksburg Rd S to Macksburg Rd N	Realign to form one intersection at Dryland Rd	Upgrade	7,000	\$3,400,000	6	High ROW impacts		Tier 2	Tier 2	Tier 2
U475b	SW	Henrici Rd	Ferguson Rd to Redland Rd	Add paved shoulders and turn lanes at major intersections. Remove horizontal and vertical curves	Upgrade	9,000	\$17,870,000	8	Ferguson to Beavercreek (Tier 2 just shoulders); Ferguson to Redland to Tier 3 (along with bridge U206)		Tier 2	Tier 3	Tier 2
U504	SW	Mulino Rd (13th St segment)	Canby City limits to OR 213	Add paved shoulders and turn lanes at major intersections	Upgrade	4,000	\$27,110,000	10			Tier 2	Tier 2	Tier 2
U784	SW	Canby - Molalla Railroad Trail		Construct multi-use path	Multi-Use Path	15,000	\$14,430,000	7			Tier 2	Tier 2	Tier 2
U920	SW	Newell Creek Trail / Oregon City Loop Trail	Loop around the perimeter of Oregon City	Construct multi-use path consistent with the Connecting Clackamas Plan	Multi-Use Path	15,000	\$24,500,000	8			Tier 2	Tier 2	Tier 2
U938	SW	Molalla Ave Flooding	Just south of city of Molalla	Construct bridge to resolve flooding issues	Bridge	2,000	\$720,000	9			Tier 1		Tier 2
1080	CRC	Deer Creek Ln	Johnson Rd to Oak Bluff	Extend eastward for a few hundred feet and connect to Costco loop road (Oak Bluff Rd / 84th Ave)	New Roadway	1,000	\$5,460,000	7	Conflicts with the Sunrise Project, flood plains, wetlands		Tier 3	Tier Remove	Tier 3
1081	CRC	Harmony Rd	Railroad Ave /Linwood Ave / Harmony Rd intersection	Provide a bike/pedestrian overpass over railroad in vicinity of Lake Rd and Railroad Ave	Upgrade - Active Transportation	23,000	\$1,960,000	7			Tier 3	Tier 3	Tier 3
1083	CRC	Service road (OSP CSO and Precision Castparts)	Lawnfield Rd and 97th Ave	Extend to link with realignments of Lawnfield and 97th	New Roadway	1,000	\$9,660,000	7	Conflicts with the JTA Sunrise Multi-Use Path		Tier 3	Tier Remove	Tier 3
2026	CRC	Flavel Dr	Alberta Ave to County boundary	Add bikeways	Upgrade - Active Transportation	2,500	\$2,410,000	8			Tier 3	Tier 3	Tier 3
2050	CRC	King Rd	Milwaukie to 82nd Ave	Fill gaps in pedways	Upgrade - Active Transportation	14,000	\$5,640,000	9			Tier 3	Tier 3	Tier 3

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2051	CRC	Michael Dr	72nd to Fuller Ave	Fill gaps in pedways	Upgrade - Active Transportation	2,500	\$2,620,000	8			Tier 3	Tier 3	Tier 3
2116	CRC	Harmony Rd	Harmony Rd / Linwood Ave Intersection	Add second left-turn lane on Harmony Rd, adjust signal timing	Upgrade - Vehicle Capacity	29,000	\$30,000,000	10			Tier Remove	Tier Remove	Tier 3
U074	CRC	Johnson Creek Blvd	Bell Ave to OR 213	Widen to 3 lanes from Bell Ave to 76th Ave and 5 lanes from 76th Ave to 82nd Ave ; add bikeways and pedways	Upgrade	21,000	\$11,130,000	9	Road Safety Audit 2090		Tier 3	Tier 3	Tier 3
U084	CRC	Linwood Ave Bridge over Johnson Creek	Bridge	Construct bridge with bike lanes and sidewalks	Bridge	16,000	\$4,860,000	8			Tier 3	Tier 3	Tier 3
U091	CRC	Fuller Rd	Otty St to King Rd / OR 213	Construct new 2 lane extension with pedways and bikeways	New Roadway	6,000	\$22,490,000	11			Tier 3	Tier 3	Tier 3
U102	CRC	Lake Rd	OR 224 west to Milwaukie city limits	Add pedways and turn lanes at major intersections	Upgrade	14,000	\$4,820,000	7		Okay to keep in Tier 3. Will be improved with Harmony Road corridor (so remove). Move to keep at Tier 3.	Tier 3	Tier 3	Tier 3
U114	CRC	Hillcrest St	92nd Ave to Stevens Rd	Add pedways	Upgrade - Active Transportation	2,500	\$1,540,000	8	Local road, however EPN		Tier 3	Tier 3	Tier 3
U115	CRC	Idleman Rd	92nd Ave to Westview Ct	Fill gaps in bikeways and pedways	Upgrade	13,000	\$6,450,000	8	Not much complete. Alternative route on private roads or Causey/Utty. Happy Valley's portion is worse than ours		Tier 3	Tier 3	Tier 3
U126	CRC	Valley View Terrace	Sunnyside Rd to Otty Rd	Add bikeways and pedways	Upgrade - Active Transportation	7,000	\$5,020,000	8			Tier 3	Tier 3	Tier 3
U131	CRC	Mather Rd	Mather Rd / 122nd Ave Intersection	Install traffic signal or compact roundabout	Upgrade - Vehicle Capacity	8,000	\$200,000	4	Road Safety Audit 2092		Tier 3	Tier 3	Tier 3
U132	CRC	Mather Rd	122nd Ave to 132nd Ave	Construct new 2 lane roadway with pedways and bikeways	New Roadway	3,000	\$7,280,000	7			Tier 3	Tier 3	Tier 3
U136	CRC	152nd Ave Phase 2	Sunnyside Rd to OR 212	Add bikeways, pedways and turn lanes at major intersections	Upgrade	11,000	\$5,830,000	11	Fixed the curve but issues with downhill part. Difficult project. Side slope. Perhaps use 136th instead?		Tier 1	Tier 2	Tier 3
U156	CRC	82nd Dr	OR 212 to Gladstone	Widen to 5 lane with bikeways and pedways	Upgrade	22,000	\$52,861,000	7		If not a critical priority that we need, may be better to take off map so that we don't use it to prevent critical development. Would like development to drive. If the project is not on the map, development could occur that would prevent future expansion to 5 lane. Project helps preserve ROW and space for future expansion. If we remove the project, project won't come back on to plan. Would be helpful for developers to see what might happen.	Tier 3	Tier 3	Tier 3
U160	CRC	Mather Rd	Industrial Way to 98th Ave	Maintain as pedway and bikeway. Construct undercrossing at Sunrise mainline.	Upgrade - Active Transportation	2,000	\$2,040,000	8		That project will not happen because ODOT does not want it/already building around it. Keep in Tier 3.	Tier 3	Tier 3	Tier 3
U657	CRC	Sunnyside Rd Adaptive Signal Timing	OR 213 to 172nd Ave	Add adaptive timing to traffic signals	ITS	35,000	\$1,500,000	8	Road Safety Audit 2091		Tier 3	Tier 3	Tier 3
U662	CRC	West 82nd Ave Parallel road	Fuller Rd to Luther Rd	Construct new Collector road parallel to OR 213 with bikeways and pedways	New Roadway	10,500	\$50,000,000	8	A new road parallel to 82nd is problematic because of the cost, limited funding sources, and impact on existing development. The facility is key to moderating future congestion on 82nd and giving local traffic a way to get through the neighborhood without having to get onto 82nd. The CRC plan traffic analysis showed that either a parallel facility will be needed or 82nd will need to be widened to 7 lanes in the nearer time frame (20 years). If the project is not feasible, some other project for 82nd Ave would need to take its place.		Tier 3	Tier 3	Tier 3
U677	CRC	162nd Ave	Sager Rd north to County line	Add bikeways, pedways, turn lanes at major intersections	Upgrade	12,000	\$3,920,000	2			Tier 3	Tier 3	Tier 3
U694	CRC	93rd Ave	Sunnyside Rd to Sunnybrook Blvd	Add bikeways	Upgrade - Active Transportation	5,000	\$650,000	8	I-205 Multi-Use Path is an alternative route		Tier 3	Tier 3	Tier 3
U710	CRC	Jennifer St	106th Ave to 130th Ave	Add bikeways	Upgrade - Active Transportation	6,000	\$7,300,000	8			Tier 3	Tier 3	Tier 3
U785	CRC	106th Ave	OR 212 to Jennifer St	Add bikeways and pedways	Upgrade - Active Transportation	2,000	\$2,060,000	7			Tier 3	Tier 3	Tier 3

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U794	CRC	Cornwell Ave	OR 213 to Fuller Rd	Add pedways; connect to I-205 Multi-Use Path	Upgrade - Active Transportation	2,500	\$2,560,000	10			Tier 3	Tier 3	Tier 3
U797	CRC	Fuller Rd	Johnson Creek Blvd to County Line	Add pedways	Upgrade - Active Transportation	8,000	\$6,020,000	10	Fairly low volume collector.		Tier 3	Tier 3	Tier 3
U809	CRC	Lake Rd	Johnson Rd to Webster Rd	Fill gaps in pedways and bikeways	Upgrade - Active Transportation	2,500	\$8,550,000	10			Tier 3	Tier 3	Tier 3
U900	CRC	Luther Rd Bridge over Johnson Creek	Bridge # 06591D	Replace bridge	Bridge	2,500	\$2,030,000	8			Tier 3	Tier 3	Tier 3
U909	CRC	Cheldelin Rd (Clatsop St extension)	172nd Ave to Foster Rd	Construct new two lane roadway with bikeways and pedways	New Roadway	8,000	\$4,200,000	3			Tier 3	Tier 3	Tier 3
U910	CRC	Cheldelin Rd	Foster Rd to 190th Dr	Add bikeways and pedways	Upgrade - Active Transportation	8,000	\$12,590,000	7			Tier 3	Tier 3	Tier 3
U919	CRC	Scouters Mountain / Mt Scott Loop Trail	Loop trail through Happy Valley, Damascus, Clackamas County and Portland	Construct multi-use path consistent with the Connecting Clackamas Plan	Multi-Use Path	15,000	\$17,060,000	7			Tier 3	Tier 3	Tier 3
U937	CRC	172nd Ave Bridge	~140 feet south of Troge Rd	Replace failing bridge	Bridge	21,500	\$860,000	5	Bridge Sufficiency <50			Tier 1	Tier 3
2000	E	Bluff Rd	Kelso Rd to County boundary	Add paved shoulders	Upgrade	3,000	\$21,230,000	8			Tier 3	Tier 3	Tier 3
2001	E	Orient Dr	US 26 north to County line	Add paved shoulders	Upgrade	3,000	\$20,370,000	8			Tier 3	Tier 3	Tier 3
2002	E	Coalman Rd	City of Sandy to US 26	Add paved shoulders	Upgrade	2,500	\$37,320,000	7	Low volume road. Traffic calming instead? Signage?		Tier 3	Tier 3	Tier 3
2003	E	Barlow Trail Rd/ Lolo Pass Rd	Between communities of Timberline, Welches and Zig Zag	Add paved shoulders	Upgrade	2,500	\$49,180,000	8			Tier 3	Tier 3	Tier 3
2004	E	Howlett Rd	OR 211 to Wildcat Mountain Dr	Add paved shoulders	Upgrade	4,000	\$10,540,000	7			Tier 3	Tier 3	Tier 3
2005	E	Wildcat Mountain DR	OR 224 to Firwood Rd	Add paved shoulders	Upgrade	2,000	\$30,010,000	8	Move down to Tier 3 from Tier 1- use does not justify priority.	Not feasible. Support TAC recommendation of Tier 3.	Tier 1	Tier 3	Tier 3
2006	E	352nd Ave / Dunn Rd	Bluff Rd to Bluff Rd	Add paved shoulders	Upgrade	3,000	\$14,120,000	8			Tier 3	Tier 3	Tier 3
2105	E	362nd	362nd Ave / OR 212 Intersection	Add second right-turn lane on 362nd	Vehicle Capacity	24,000	\$570,000	8	Not Planned or Funded. ODOT would like clarification on operations. (ODOT)		Tier NA	Tier NA	Tier 3
U226	E	282nd Ave	OR 212 to Multnomah County line	Add paved shoulders	Upgrade	15,000	\$9,140,000	10	Move down - not realistic, lengthy rural roadway, probably won't be built. Springwater Corridor provides parallel facility for bicyclists. Question as to whether still needed for safety. Road Safety Audit 2063		Tier 1	Tier 2	Tier 3
U227	E	Compton Rd	US 26 to 352nd Ave	Remove vertical curve near Orient Dr and relocate intersection; add paved shoulders	Safety	7,000	\$10,900,000	11	Move down - putting shoulders on major arterials more likely. Usage does not justify priority.		Tier 1	Tier 2	Tier 3
U232	E	Kelso Rd	Richey Rd to Orient Dr	Add paved shoulders	Upgrade	5,000	\$15,480,000	10	Future demand doesn't warrant project		Tier 2	Tier 3	Tier 3
U233	E	Kelso Rd	Orient Dr to Sandy UGB	Remove vertical curve, relocate intersection, add paved shoulders and turn lanes at major intersections; investigate speed zone	Upgrade	6,000	\$12,750,000	10	Move down - putting shoulders on major arterials more likely. Usage does not justify priority.		Tier 1	Tier 3	Tier 3
U234	E	362nd Dr	Colorado Rd to Dubarko Rd	Remove or decrease horizontal and vertical curves	Safety	7,000	\$5,310,000	5			Tier 3	Tier 3	Tier 3
U235	E	362nd Dr	362nd Ave / Deming Rd intersection	Remove or decrease vertical curve, relocate intersection	Safety	7,000	\$460,000	5			Tier 3	Tier 3	Tier 3
U237	E	Ten Eyck Rd	Lusted Rd to US 26	Remove vertical curve, relocate intersection, add paved shoulders, turn lanes at major intersections; investigate speed zone	Upgrade	1,000	\$34,620,000	7	Issues with grades, cliff, geology; nearly impossible to build		Tier 3	Tier 3	Tier 3
U239	E	Firwood Rd	Firwood Rd / Trubel Rd intersection	Realign Trubel Rd to remove or decrease downgrade	Safety	1,000	\$3,230,000	5			Tier 3	Tier 3	Tier 3
U241b	E	Welches Rd	Birdie Ln to Salmon River Rd	Add paved shoulders	Upgrade	2,500	\$5,300,000	10			Tier 3	Tier 3	Tier 3
U245	E	Lolo Pass Rd	US 26 to Barlow Trail Rd	Safety analysis; add paved shoulders	Upgrade - Active Transportation	2,500	\$5,340,000	4			Tier 3	Tier 3	Tier 3
U254	E	Hayden Rd	Springwater Rd to OR 211	Add paved shoulders	Upgrade	7,000	\$5,490,000	9	Move up to Tier 2? Not high volume, but connection to Estacada		Tier 2	Tier 3	Tier 3
U255	E	Springwater Rd	Hayden Rd to OR 211	Add paved shoulders	Upgrade	5,000	\$22,240,000	8			Tier 3	Tier 3	Tier 3
U256	E	Eagle Creek Rd	Keegan Rd to Currin Rd	Realign Eagle Creek Rd to remove or decrease downgrade	Safety	4,000	\$17,400,000	7	Road Safety Audit 2069		Tier 3	Tier 3	Tier 3
U258	E	Coupland Rd	Estacada City Limits to Divers Rd	Add paved shoulders and turn lanes at major intersections	Upgrade	3,000	\$11,980,000	6			Tier 3	Tier 3	Tier 3
U495	E	Bull Run Rd	Ten Eyck Rd to Multnomah County line	Add paved shoulders and turn lanes at major intersections.	Upgrade	2,000	\$20,760,000	7			Tier 3	Tier 3	Tier 3
U761	E	Salmon River Rd	US 26 to Welches Rd	Add paved shoulders	Upgrade	2,500	\$8,980,000	9			Tier 3	Tier 3	Tier 3

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U901	E	Bull Run Truss	Bull Run Truss between Waterworks Rd and Bowman Rd	Replace falling bridge	Bridge	2,000	\$6,750,000	5	Bridge Sufficiency <50		Tier 3	Tier 1	Tier 3
U903	E	Porter Rd Bridge over Delph Creek	~100 ft east of Wilcox Rd	Replace bridge	Bridge	2,500	\$320,000	5			Tier 3	Tier 3	Tier 3
U924	E	Tickle Creek Trail	Springwater Corridor to Sandy city limits	Construct multi-use path consistent with the Connecting Clackamas Plan	Multi-Use Path	15,000	\$9,430,000	7	Move up - more equitable across the areas when looked at comprehensively.		Tier 3	Tier 2	Tier 3
1072	M	Oetkin Way and Naef Rd	Oatfield Rd and Wallace Rd	Add bikeways	Upgrade - Active Transportation	2,500	\$90,000	7	On Ped/Bike Master Plan. Proposed bike boulevard. Connector road, so would do sharrows (not separated bike facility). Leave in Tier 3. No change.		Tier 3	Tier 3	Tier 3
1079	M	Clackamas Rd	Clackamas Rd / I-205 interchange	Construct bike/ped bridge over I-205	Bridge	15,000	\$5,060,000	10	Relying on the Sunrise corridor for a bike/ped fix for this area. Add a special plan to address the issues at Herbert Ct/I-205/ completion of I-205 Multi-Use Path? More of an ODOT maintenance issue. PBAC will work with ODOT.		Tier 3	Tier Remove	Tier 3
1084	M	Oatfield Ridge Connection	Between Jennings Ave and Thiessen Ave over Oatfield Ridge	Construct multi-use path	New Roadway	1,000	\$180,000	8	Potential to have bike/ped connection? Topography challenges? Change description and move to Tier 3.		Tier Remove	Tier 3	Tier 3
2023	M	McNary Rd / Mabel Ave	Oatfield Rd to Webster Rd	Add bikeways and pedways	Upgrade - Active Transportation	2,500	\$15,610,000	8	Move up to Tier 3. Keep this project for potential funding opportunities.		Tier Remove	Tier 3	Tier 3
2040	M	Strawberry Ln	Webster Rd to 82nd Dr	Add pedways and fill bikeway gaps	Upgrade - Active Transportation	7,000	\$6,640,000	8			Tier 3	Tier 3	Tier 3
2042	M	Portland Ave	Jennings Ave to Hull Ave	Fill gaps in pedways	Upgrade - Active Transportation	2,500	\$1,490,000	8			Tier 3	Tier 3	Tier 3
2043	M	View Acres Rd	Oatfield Rd to Hill Rd	Add pedways and traffic calming	Upgrade - Active Transportation	2,500	\$5,280,000	9			Tier 3	Tier 3	Tier 3
2112	M	Thiessen Rd	Thiessen Rd / Hill Rd Intersection	Add right-turn lane on Thiessen Rd; consider converting to two-way stop controlled or installing roundabout	Upgrade - Vehicle Capacity	11,000	\$490,000	8			Tier 3	Tier 3	Tier 3
U004	M	Webster Rd	Webster Rd / Jennings Ave and Webster Rd / Roots Rd intersections	Construct traffic signals, turn lanes	Upgrade - Vehicle Capacity	13,000	\$2,110,000	8			Tier 3	Tier 3	Tier 3
U137b	M	River Rd	Courtney Ave to Oak Grove Blvd	Add pedways	Upgrade - Active Transportation	8,000	\$3,130,000	10			Tier 3	Tier 3	Tier 3
U137d	M	River Rd	Risley Ave to Rinearson Rd	Add pedways	Upgrade - Active Transportation	8,000	\$19,580,000	10			Tier 3	Tier 3	Tier 3
U143	M	Oatfield Rd	Oatfield Rd / Hill Rd Intersection	Add left-turn lanes, install signal if warranted	Upgrade - Vehicle Capacity	8,000	\$2,448,000	5	Road Safety Audit 2088		Tier 3	Tier 3	Tier 3
U146	M	Aldercrest Dr	Thiessen Rd to Oatfield Rd	Add pedways to one side of the road and bikeways	Upgrade	5,000	\$29,660,000	8	Move up to Tier 3. Refine description to scale back (i.e. pedway on one side)		Tier Remove	Tier 3	Tier 3
U152	M	Webster Rd	Webster Rd / Strawberry Ln intersection	Add signal; construct southbound and westbound left-turn lane	Upgrade - Vehicle Capacity	9,000	\$770,000	5			Tier 3	Tier 3	Tier 3
U154	M	Johnson Rd / McKinley Rd	OR 224 to I-205 multi-use path	Bikeway and pedway infill	Upgrade - Active Transportation	8,000	\$1,770,000	11			Tier 3	Tier 3	Tier 3
U707	M	Hill Rd	Oatfield Rd to Thiessen Rd	Add bikeways and pedways	Upgrade - Active Transportation	4,000	\$16,210,000	8			Tier 3	Tier 3	Tier 3
U724	M	Rusk Rd	OR 224 South to Aldercrest Rd	Add pedways on one side of the roadway and bikeways	Upgrade - Active Transportation	11,000	\$8,780,000	7	Move up to Tier 3. Refine description to scale back (i.e. pedway on one side)		Tier Remove	Tier 3	Tier 3
U813	M	Naef Rd	Oatfield Rd to River Rd	Add pedways	Upgrade - Active Transportation	2,500	\$3,770,000	10	Move up to Tier 3, surrounding uses justify pedways.		Tier Remove	Tier 3	Tier 3
U814	M	Oatfield Rd	Milwaukie city limits to Gladstone city limits	Fill gaps in pedways and bikeways	Upgrade - Active Transportation	8,000	\$52,220,000	10	Road Safety Audit 2088		Tier 3	Tier 3	Tier 3
U816	M	Risley Ave	Arista Dr to Hager Rd	Fill gaps in pedways	Upgrade - Active Transportation	2,500	\$7,250,000	10	Move up to Tier 3, in bike plan		Tier Remove	Tier 3	Tier 3
U818	M	Roethe Rd	River Rd to OR 99E (McLoughlin Blvd)	Add bikeways, pedways and traffic calming	Upgrade - Active Transportation	1,000	\$2,870,000	9			Tier 3	Tier 3	Tier 3
1014	NW	Wilsonville Rd	Wilsonville Rd / Bell Rd intersection	Realign roadway and grade improvements	Upgrade	8,000	\$3,300,000	3			Tier 3	Tier 3	Tier 3
2029	NW	Schatz Rd / 55th Ave / Meridian Way	65th Ave to Stafford Rd	Add paved shoulders	Upgrade	6,000	\$5,060,000	8			Tier 3	Tier 3	Tier 3
2030	NW	Mountain Rd	Stafford Rd to Hoffman Rd	Add paved shoulders	Upgrade	8,000	\$14,610,000	6			Tier 3	Tier 3	Tier 3

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2031	NW	Schaeffer Rd	Mountain Rd to Petes Mountain Rd	Add paved shoulders	Upgrade	3,000	\$11,930,000	7			Tier 3	Tier 3	Tier 3
2032	NW	Hoffman Rd / Peach Cove Rd / Riverwood Rd	Mountain Rd to Tualatin River	Add paved shoulders	Upgrade	8,000	\$8,250,000	5			Tier 3	Tier 3	Tier 3
2034	NW	Graham's Ferry Rd	County boundary to Westfall Rd	Add paved shoulders	Upgrade	8,000	\$4,540,000	8			Tier 3	Tier 3	Tier 3
2035	NW	Pleasant Hill Rd / McConnell Rd / Tooze Rd	Ladd Hill Rd to Westfall Rd	Add paved shoulders	Upgrade	7,000	\$12,670,000	8			Tier 3	Tier 3	Tier 3
2036	NW	Bell Rd	Ladd Hill Rd to Wilsonville Rd	Add paved shoulders	Upgrade	7,000	\$12,410,000	7			Tier 3	Tier 3	Tier 3
2037	NW	Baker Rd	Tooze Rd to County boundary	Add paved shoulders	Upgrade	12,000	\$7,830,000	6			Tier 3	Tier 3	Tier 3
2038	NW	Homesteader Rd	Stafford Rd to Mountain Rd	Add paved shoulders	Upgrade	4,000	\$9,810,000	6			Tier 3	Tier 3	Tier 3
2039	NW	Wisteria Rd / Woodbine Rd	Rosemont Rd to Johnson Rd	Add paved shoulders	Upgrade	2,000	\$7,780,000	7	Remove? Consensus to leave in Tier 3.		Tier 3	Tier 3	Tier 3
2094	NW	Stafford Rd	Rosemont Rd to Mountain Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Safety	26,000	\$50,000	7	U168 and U168 are Tier 1 and overlap with the Road Safety Audit study. Prioritize study to ensure best use of funds.		Tier 3	Tier 1	Tier 3
2095	NW	Graham's Ferry Rd	Wilsonville Rd to City of Wilsonville	Add paved shoulders	Upgrade	8,000	\$2,120,000	7			Tier 3	Tier 3	Tier 3
U272	NW	Ladd Hill Rd	Wilsonville Rd to Washington County line	Add paved shoulders and turn lanes at major intersections	Upgrade	1,500	\$29,150,000	8			Tier 3	Tier 3	Tier 3
U273	NW	Wilsonville Rd	Wilsonville Rd / Edminston Rd intersection	Remove bank, remove horizontal curve, relocate intersection	Safety	1,500	\$3,130,000	5			Tier 3	Tier 3	Tier 3
U462	NW	Childs Rd	Stafford Rd to Lake Oswego city limits	Add pedways, bikeways and turn lanes at major intersections	Upgrade	13,000	\$19,110,000	8			Tier 3	Tier 3	Tier 3
U466	NW	Petes Mountain Rd	West Linn city limit to Hoffman Rd	Add paved shoulders and turn lanes at major intersections	Upgrade	7,000	\$19,000,000	6			Tier 3	Tier 3	Tier 3
U700	NW	Bonita	Carman Drive to I-5	Add bikeways and pedways	Upgrade - Active Transportation	10,000	\$11,100,000	10			Tier 3	Tier 3	Tier 3
U737	NW	65th Ave	Stafford Rd to City of Tualatin	Add paved shoulders	Upgrade	14,000	\$11,380,000	8			Tier 3	Tier 3	Tier 3
U752	NW	Johnson Rd	Stafford Rd to City of West Linn	Add paved shoulders and turn lanes at major intersections	Upgrade	3,000	\$13,140,000	8			Tier 3	Tier 3	Tier 3
U922	NW	Tualatin / Lake Oswego Pedestrian and Bicycle Bridge	Tualatin River Bridge	Construct bike / ped bridge consistent with the Connecting Clackamas Plan	Multi-Use Path	15,000	\$4,890,000	5			Tier 3	Tier 3	Tier 3
U934	NW	Wilsonville Rd Bridge	~300 feet south of Bell Rd	Replace failing bridge	Bridge	1,500	\$760,000	7	Bridge Sufficiency <50		Tier 3	Tier 1	Tier 3
1047	SW	Redland Rd	Fischers Mill Rd to Springwater Rd	Add paved shoulders	Upgrade	6,000	\$32,210,000	9	Road Safety Audit 2084		Tier 3	Tier 3	Tier 3
1050	SW	Union Hall Rd	Central Point Rd to El Dorado Rd	Add paved shoulders	Upgrade	1,500	\$11,210,000	7	Low ADT		Tier 3	Tier 3	Tier 3
1053	SW	Ferguson Rd	Beavercreek Rd and Henrici Rd	Reduce the speed limit and install traffic calming features	Other (Traffic Calming)	2,500	\$10,000	4			Tier Remove	Tier Remove	Tier 3
1054	SW	S Killdeer Rd	Ferguson Road and Yeoman Road	Extend S Killdeer Rd to connect with S. Ivel Rd. and provide bike/ped access	Multi-Use Path	1,000	\$740,000	7	Move to Tier 3 from Tier 1, problems with sight distance, public support, questionable need, little use.		Tier 1	Tier 3	Tier 3
1057	SW	Buckner Creek Rd	Gard Rd to Cochell Rd	Add paved shoulders	Upgrade	2,500	\$25,580,000	5	Low ADT		Tier 3	Tier 3	Tier 3
1074	SW	Clackamas River bridge	From Blay Rd to Palmer Rd at the Clackamas River	Construct bridge over Clackamas River	Bridge	3,000	\$60,030,000	2			Tier 3	Tier 3	Tier 3
2012	SW	Carus Rd	Central Point Rd to Beavercreek Rd	Add paved shoulders	Upgrade	4,000	\$28,370,000	8			Tier 3	Tier 3	Tier 3
2014	SW	Canby-Marquam Highway	City of Canby to OR 211	Add paved shoulders	Upgrade	6,000	\$20,900,000	9			Tier 3	Tier 3	Tier 3
2015	SW	Meridian Rd	Lone Elder Rd to OR 211	Add paved shoulders	Upgrade	4,000	\$29,000,000	8			Tier 3	Tier 3	Tier 3
2016	SW	Lone Elder Rd	County line to Canby-Marquam Hwy	Add paved shoulders	Upgrade	3,000	\$15,140,000	8			Tier 3	Tier 3	Tier 3
2017	SW	Barnards Rd	Meridian Rd to Canby-Marquam Hwy	Add paved shoulders	Upgrade	2,500	\$15,630,000	8	Complete to County line and phase?		Tier 3	Tier 3	Tier 3
2018	SW	Leland Rd	Oregon City to Beavercreek Rd	Add paved shoulders	Upgrade	3,000	\$22,400,000	8			Tier 3	Tier 3	Tier 3
2019	SW	New Era Rd / Haines Rd	OR 99E to Leland Rd	Add paved shoulders	Upgrade	3,000	\$22,350,000	8			Tier 3	Tier 3	Tier 3
2020	SW	Forsythe Rd	Oregon City to Bradley Rd	Add paved shoulders	Upgrade	6,000	\$19,900,000	5			Tier 3	Tier 3	Tier 3
2021	SW	Thayer Rd/Ferguson Rd	Oregon City to Redland Rd	Add paved shoulders	Upgrade	8,000	\$14,690,000	5			Tier 3	Tier 3	Tier 3
U186	SW	Forsythe Rd	Oregon City limits to Bradley Rd	Add center turn lane and paved shoulders	Upgrade	6,000	\$41,930,000	9	Center turn lane needed?		Tier 3	Tier 3	Tier 3
U187	SW	Forsythe Rd	Forsythe Rd / Victory Rd intersection	Realign, widen Victory Rd and remove or decrease curves along Forsythe Rd; relocate intersection	Safety	6,000	\$3,070,000	4	Move to Tier 3, usage doesn't justify priority		Tier 1	Tier 3	Tier 3
U188	SW	Gronlund Rd / Hattan Rd	Bradley Rd to Springwater Rd	Add paved shoulders and turn lanes at major intersections	Upgrade	14,000	\$7,610,000	7	Remove turn lanes?		Tier 3	Tier 3	Tier 3

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U194	SW	Bradley Rd	Redland Rd to Holcomb Blvd	Add turn lanes at major intersections	Upgrade	6,000	\$1,140,000	6			Tier 3	Tier 3	Tier 3
U195	SW	Redland Rd	~900 ft west of Holly Ln	Widen to include shoulders and bikeways	Upgrade - Active Transportation	19,000	\$4,210,000	7	Road Safety Audit 2073		Tier 3	Tier 3	Tier 3
U196	SW	Redland Rd	~400 ft west of Holly Ln	Widen to include shoulders and bikeways	Upgrade - Active Transportation	19,000	\$2,990,000	7	Road Safety Audit 2073		Tier 3	Tier 3	Tier 3
U198	SW	Redland Rd	Henrici Rd to Oregon City	Add paved shoulders	Upgrade	16,000	\$23,310,000	7	Add left turn lanes at major intersections? Road Safety Audit 2073		Tier 3	Tier 3	Tier 3
U206	SW	Henrici Rd	Between Driftwood Dr and Shore Vista Dr	Widen bridge to accommodate paved shoulders	Bridge	7,000	\$1,620,000	2	Related to U475. Bridge is structurally sound		Tier 1	Tier 3	Tier 3
U212	SW	Maplelane Rd	~1,800 ft west of Walker Rd	Add paved shoulders	Upgrade	6,000	\$4,000,000	4			Tier 3	Tier 3	Tier 3
U213	SW	Leland Rd	~1,000 ft north of Warnock Rd	Construct bridge to accommodate paved shoulders	Bridge	2,000	\$2,590,000	4	Bridge is structurally sound.		Tier 1	Tier 3	Tier 3
U214	SW	South End Rd	Oregon City limits to OR 99E	Smooth curves; add paved shoulders	Upgrade	7,000	\$7,070,000	6			Tier 3	Tier 3	Tier 3
U247	SW	Bakers Ferry Rd	Springwater Rd to OR 224	Add paved shoulders and turn lanes at major intersections; remove horizontal curve and relocate intersection from Eaden Rd to OR 224	Upgrade	11,000	\$20,250,000	7			Tier 3	Tier 3	Tier 3
U249b	SW	Springwater Rd	Bakers Ferry Rd to Hayden Rd	Add paved shoulders and turn lanes at major intersections	Upgrade	8,000	\$40,720,000	12	Move down to Tier 2? Improvement between Carver Bridge and boat launch (Hayden Rd). Break up project and improve from bridge to Hattan, Springwater to Bakers Ferry; Hattan to Bakers Ferry (Tier 1), rest to Tier 3. Road Safety Audit 2084	Money could better be spent in other parts of the County. GAPS group would support a Tier 3 (agreement).	Tier 1	Tier 3	Tier 3
U260	SW	Fellows Rd	Redland Rd to Lower Highland Rd	Add paved shoulders and turn lanes at major intersections	Upgrade	2,000	\$18,750,000	6	Very low ADT, grade issues		Tier 3	Tier 3	Tier 3
U261b	SW	Ridge Rd	Lower Highland Rd to Redland Rd	Add paved shoulders	Upgrade	3,000	\$15,500,000	6			Tier 3	Tier 3	Tier 3
U262	SW	Redland Rd	Henrici Rd to Springwater Rd	Add paved shoulders and turn lanes at major intersections	Upgrade	6,000	\$37,640,000	9	Road Safety Audit 2084		Tier 3	Tier 3	Tier 3
U263	SW	Lower Highland Rd	Beavercreek Rd to Fellows Rd	Add paved shoulders and turn lanes at major intersections	Upgrade	2,000	\$26,890,000	6			Tier 3	Tier 3	Tier 3
U264	SW	Unger Rd	Beavercreek Rd to OR 211	Add paved shoulders and turn lanes at major intersections	Upgrade	1,000	\$27,820,000	8	Low ADT		Tier 3	Tier 3	Tier 3
U267	SW	Central Point Rd	Parrish Rd to Mulino Rd	Add paved shoulders; smooth curves	Upgrade	3,000	\$28,550,000	8			Tier 3	Tier 3	Tier 3
U269	SW	Casto Rd	Spangler Rd to Central Point Rd	Add paved shoulders and turn lanes at major intersections	Upgrade	5,000	\$9,330,000	8	Low volume road.		Tier 3	Tier 3	Tier 3
U270	SW	Spangler Rd	Casto Rd to Beavercreek Rd	Add paved shoulders and turn lanes at major intersections	Upgrade	3,000	\$20,950,000	9	ADT very low. Need for turn lanes in the future? Phase Casto to OR 213, OR 213 to Beavercreek?		Tier 3	Tier 3	Tier 3
U271	SW	Kamrath Rd	Carus Rd to Spangler Rd	Safety analysis at Carus Rd, add paved shoulders, remove or decrease horizontal curves north of Spangler Rd	Upgrade	7,000	\$4,140,000	5			Tier 3	Tier 3	Tier 3
U277	SW	Airport Rd	Arndt Rd to Miley Rd	Add turn lanes at major intersections	Upgrade - Vehicle Capacity	15,000	\$1,710,000	6			Tier 3	Tier 3	Tier 3
U285	SW	Holly St	Territorial Rd to Canby Ferry	Add paved shoulders	Upgrade	1,500	\$8,620,000	8			Tier 3	Tier 3	Tier 3
U297	SW	Gard Rd	~100 ft south of Old Clarke Rd	Construct bridge to accommodate paved shoulders	Bridge	1,500	\$3,570,000	6	Bridge is structurally sound.		Tier 1	Tier 3	Tier 3
U298	SW	Canby-Marquam Highway	OR 170 / Macksburg Rd intersection	Reconstruct intersection; install southbound left-turn lane and northbound right-turn lane	Upgrade	9,000	\$3,750,000	8	Road Safety Audit 2082		Tier 3	Tier 3	Tier 3
U300	SW	Macksburg Rd	Canby Marquam Hwy to OR 213	Add paved shoulders and turn lanes at major intersections	Upgrade	4,000	\$29,040,000	8	Turn lanes just needed at Canby-Marquam and OR 213?		Tier 3	Tier 3	Tier 3
U303	SW	Meridian Rd	Elliott Prairie Rd to Barlow Rd	Add paved shoulders; remove or decrease horizontal and vertical curves	Upgrade	1,500	\$9,760,000	8			Tier 3	Tier 3	Tier 3
U306	SW	Barnards Rd	Between Needy Rd and Stuwe Rd	Reconstruct bridge and widen to 36 feet	Bridge	2,500	\$3,560,000	6	Bridge is structurally sound. Changed rating to match 2017		Tier 1	Tier 3	Tier 3
U311	SW	Molalla Ave	OR 213 to Molalla City limits	Add paved shoulders	Upgrade	10,000	\$9,170,000	6			Tier 3	Tier 3	Tier 3
U314	SW	Wright Rd	OR 211 to Callahan Rd	Add paved shoulders	Upgrade	1,500	\$14,160,000	7			Tier 3	Tier 3	Tier 3
U315	SW	Callahan Rd S (beginning on Ramsby Rd)	Dickie Prairie Rd to Fernwood Rd	Add paved shoulders and turn lanes at major intersections	Upgrade	1,500	\$12,140,000	8			Tier 3	Tier 3	Tier 3
U316	SW	Fernwood Rd	Dhooghe Rd to Callahan Rd	Add paved shoulders and turn lanes at major intersections	Upgrade	1,500	\$6,660,000	5	Low ADT		Tier 3	Tier 3	Tier 3
U317	SW	Dhooghe Rd	OR 211 to Fernwood Rd	Add paved shoulders and turn lanes at major intersections	Upgrade	1,500	\$16,190,000	7	Low ADT		Tier 3	Tier 3	Tier 3
U320	SW	Sawtell Rd	Maple Grove Rd to Wilhoit Rd	Add paved shoulders and turn lanes at major intersections	Upgrade	1,500	\$38,450,000	7	Phase project? Low ADT near Maplegrove		Tier 3	Tier 3	Tier 3
U321	SW	Wildcat Rd	Wilhoit Rd to OR 213	Add paved shoulders and turn lanes at major intersections	Upgrade	2,500	\$29,140,000	7	Low ADT		Tier 3	Tier 3	Tier 3

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U322	SW	Nowlens Bridge Rd	OR 213 to Maple Grove Rd	Add paved shoulders and turn lanes at major intersections	Upgrade	1,000	\$13,020,000	9			Tier 3	Tier 3	Tier 3
U323	SW	Blair Rd	Groshong Rd to Maple Grove Rd	Add paved shoulders and turn lanes at major intersections	Upgrade	2,500	\$3,360,000	5	Low ADT		Tier 3	Tier 3	Tier 3
U325	SW	Bird Rd	Groshong Rd to Wilhoit Rd	Add paved shoulders and turn lanes at major intersections	Upgrade	3,000	\$5,120,000	5	Very low ADT		Tier 3	Tier 3	Tier 3
U326	SW	Maple Grove Rd	Nowlens Bridge Rd to Sawtell Rd	Add paved shoulders and turn lanes at major intersections	Upgrade	3,000	\$34,760,000	6	Very low ADT		Tier 3	Tier 3	Tier 3
U332	SW	Rock Creek (Kropf Rd) Bridge	~3,500 ft north of Gibson Rd	Replace bridge	Bridge	3,000	\$2,160,000	4	Bridge is structurally sound.		Tier 1	Tier 3	Tier 3
U449	SW	Barlow Rd	Barlow Rd / OR 99E intersection	Add dual left-turn lanes on southbound Barlow	Vehicle Capacity	21,000	\$570,000	7	Needed Project No Funding Identified. (CIDG7)		Tier NA	Tier NA	Tier 3
U469	SW	Clackamas River Dr	Oregon City city limits to Springwater Rd	Add paved shoulders and turn lanes at Springwater Rd and Forsythe Rd	Upgrade	9,000	\$23,240,000	12			Tier 3	Tier 3	Tier 3
U473	SW	Holcomb Blvd	Edenwild Ln to Bradley Rd	Add paved shoulders and turn lanes at Holcomb Blvd / Bradley Rd	Upgrade	3,000	\$7,450,000	8			Tier 3	Tier 3	Tier 3
U503	SW	Mattoon Rd	Fischers Mill Rd to Redland Rd	Add paved shoulders and turn lanes at major intersections. Remove vertical curves, remove horizontal curves north of Redland Rd	Upgrade	3,000	\$15,360,000	6	Low ADT		Tier 3	Tier 3	Tier 3
U505	SW	Toliver Rd	Dryland Rd to Molalla City Limits	Add paved shoulders	Upgrade	2,500	\$10,650,000	9			Tier 3	Tier 3	Tier 3
U738	SW	Barlow Rd	Knights Bridge Rd to OR 99E	Add paved shoulders	Upgrade	16,000	\$5,400,000	8			Tier 3	Tier 3	Tier 3
U739	SW	Beavercreek Rd	Yeoman Rd/Steiner Rd to OR 211	Add paved shoulders	Upgrade	4,000	\$47,550,000	10	Low usage does not justify priority 2. Road Safety Audit 2077, 2085		Tier 2	Tier 3	Tier 3
U742	SW	Bradley Rd	Gronlund Rd to Redland Rd	Add paved shoulders	Upgrade	7,000	\$12,300,000	8			Tier 3	Tier 3	Tier 3
U746	SW	Fischers Mill Rd	Redland Rd to Springwater Rd	Add paved shoulders	Upgrade	5,000	\$18,090,000	9			Tier 3	Tier 3	Tier 3
U747	SW	Gray's Hill Rd	Green Mountain Rd to OR 211	Add paved shoulders	Upgrade	2,500	\$9,720,000	8			Tier 3	Tier 3	Tier 3
U750	SW	Holly Ln	Maplelane Rd to Redland Rd	Add paved shoulders	Upgrade	7,000	\$8,350,000	9		Public Comment: Number one problem is safety. Holly Ln is narrow and windy, short driveways, close to railroad. Used by motorists as a bypass. Holly has no signals. High speeds. Request that project be moved to Tier 1 for safety issues. Shoulders will provide more safety, as easy for cars to drift in to centerline or over edges. Also liability issues with landslides. Public Comment: Safety concern. Driveways on Holly, middle school on roadway, bus traffic, move to Tier 1. There are active landslides near Holly Lane which would directly impact homes. Oregon City has it in their plan to add center lane, add sidewalks, bike parking. This plan would move Holly Lane within 2 feet of houses. Recommend more active conversations with Oregon City.	Tier 3	Tier 3	Tier 3
U754	SW	Maplelane Rd	Oregon City UGB to Ferguson Rd	Add paved shoulders	Upgrade	8,000	\$8,730,000	9	Road Safety Audit 2076		Tier 3	Tier 3	Tier 3
U755	SW	Miley Rd	Airport Rd to Eilers Rd	Add paved shoulders	Upgrade	16,000	\$6,130,000	8			Tier 3	Tier 3	Tier 3
U782	SW	Oregon City boundary to Mulino Trail		Construct multi-use path	Multi-Use Path	15,000	\$14,570,000	7	Not realistic, ROW falls on multiple private property	Agree to move to Tier 3.	Tier 1	Tier 3	Tier 3
U935	SW	Knights Bridge Rd Bridge	~3,200 feet east of Barlow Rd	Replace failing bridge	Bridge	15,000	\$6,300,000	8	Bridge Sufficiency <50			Tier 1	Tier 3
U001	CRC	Sunnybrook Blvd Extension	OR 213 to Harmony Rd	Construct new 2 lane roadway with pedways and bikeways	New Roadway	12,500	\$10,600,000	8	* Special Note: Before the final GAPS and TAC meetings, the PAC voted to remove the project. GAPS and TAC put it in Tier 3.	This project was scored by PAC and scored a 0 under sustainability, due to impacts to trees. The County and consultants changed rating from 0 to +2, the highest sustainability rating you can have, without consulting PAC. This moved project from a score of 8 to 10. Project is still rated the same. No one at CRCIA GAPS meeting felt that the meeting was positive. County has continued to move project forward. There is an unmitigated attempt to keep the project on the list, despite what the Public has said. The County will not allow us to remove this project. (Chips)	Tier 3	Tier 3	Remove

TSP Update ID	Geographic Area	Project Name / Street Name	Segment / Locations	Project Description	Project Category	Projected Future Demand*	Planning Level Cost Estimate	Final Score	TAC Meeting #7 Comment	PAC Meeting #5B Comment	GAPS Recommendation	TAC Recommendation	PAC Recommendation
U066	CRC	West Collector	Johnson Creek Blvd to King Rd	Construct new 2 lane collector west of OR 213 with pedways and bikeways	New Roadway	10,500	\$18,918,000	10	See U662,duplicative project		Tier 3	Tier Remove	Remove
U076	CRC	79th Ave Extension	Luther St to Johnson Creek Blvd	Construct new 2 lane collector with pedways and bikeways	New Roadway	12,500	\$4,630,000	10	See U662,duplicative project		Tier 3	Tier Remove	Remove
U104	CRC	Harmony Rd	OR 213 to OR 224	Widen to 5 lanes with bikeways and pedways	Upgrade	25,000	\$33,980,000	6		Better alternative to Sunnybrook. Leave in Tier 3. Community surrounding the area has voted this down everytime it has been brought up. Community has protested project. Recommend removing project.	Tier 3	Tier 3	Remove
U645	CRC	Causey Ave	I-205 to Bob Schumacher Rd	Extend Causey Ave over I-205 to Bob Schumacher Road with 3 lane overpass, including bikeways and pedways	New Roadway	2,000	\$21,670,000	9	Light rail precludes bridge construction		Tier 3	Tier Remove	Remove
U696	CRC	Flavel Dr	Johnson Creek Blvd to Alberta Ave	Add bikeways	Upgrade - Active Transportation	6,000	\$1,230,000	11	Do Bell, easter section of Alberta. Delete between Bell/Flavel. See U792, 2026. This portion of Flavel has bike lanes		Tier 1	Tier Remove	Remove
1045	E	Springwater Trail	Gresham to Estacada and Government Camp	Extend Springwater Trail to Estacada and Government Camp	Multi-Use Path	15,000	\$52,500,000	9	Remove. Not defined enough at this level, Tickle Creek and Cazadero are higher priority alternatives.		Tier 3	Tier Remove	Remove
1038	M	Naef Rd	Naef Rd / Oatfield Rd connection	Open intersection of Naef Rd and Oatfield Rd to through traffic	Upgrade - Vehicle Capacity	2,500	\$180,000	4			Tier Remove	Tier Remove	Remove
1039	M	Risley Ave	Risley Ave / Trolley Trail	Pave Risley Ave across the Trolley trail	Upgrade - Vehicle Capacity	2,500	\$210,000	2			Tier Remove	Tier Remove	Remove
U798	M	Greenview Ave	Thiessen Rd to Clackamas Rd	Add pedways	Upgrade - Active Transportation	2,500	\$1,680,000	10			Tier Remove	Tier Remove	Remove
1055	SW	Gribble Rd	Mark Rd to Dryland Rd	Reconstruct and widen	Upgrade	2,500	\$11,450,000	5	Don't include local roads on Capital Improvement Plan		Tier 3	Tier Remove	Remove
2009	SW	Bakers Ferry Rd	Springwater Rd to Eaden Rd	Add paved shoulders	Upgrade	6,000	\$14,040,000	9	Duplicate to U247		Tier 3	Tier Remove	Remove
U279	SW	Arndt Rd	OR 551 to Knights Bridge Rd	Widen to 4 lanes with median, left-turn lanes and paved shoulders	Upgrade	32,000	\$23,840,000	10	Move to Tier 3 because of future congestion issues and relationship with draft policy? See draft policy 72 and 73.		Tier Remove	Tier Remove	Remove
U281	SW	Barlow Rd	Arndt Rd / Barlow Rd Intersection	Realign intersection	Safety	16,000	\$3,230,000	6	Project not needed and conflicts/duplicate to 2806.		Tier 1	Tier Remove	Remove
U284	SW	Knights Bridge Rd	Knights Bridge Rd / Barlow Rd Intersection	Remove vertical curve; improve drainage	Safety	20,000	\$2,150,000	5	Project not needed		Tier 1	Tier Remove	Remove
U756	SW	Molalla Ave	OR 213 to Molalla City limits	Add paved shoulders	Upgrade	10,000	\$7,980,000	8	Duplicate to U311		Tier 3	Tier Remove	Remove



**Master List County Projects
PAC Recommended Priority:**

- Tier 1
- Tier 2
- Tier 3
- - - Remove

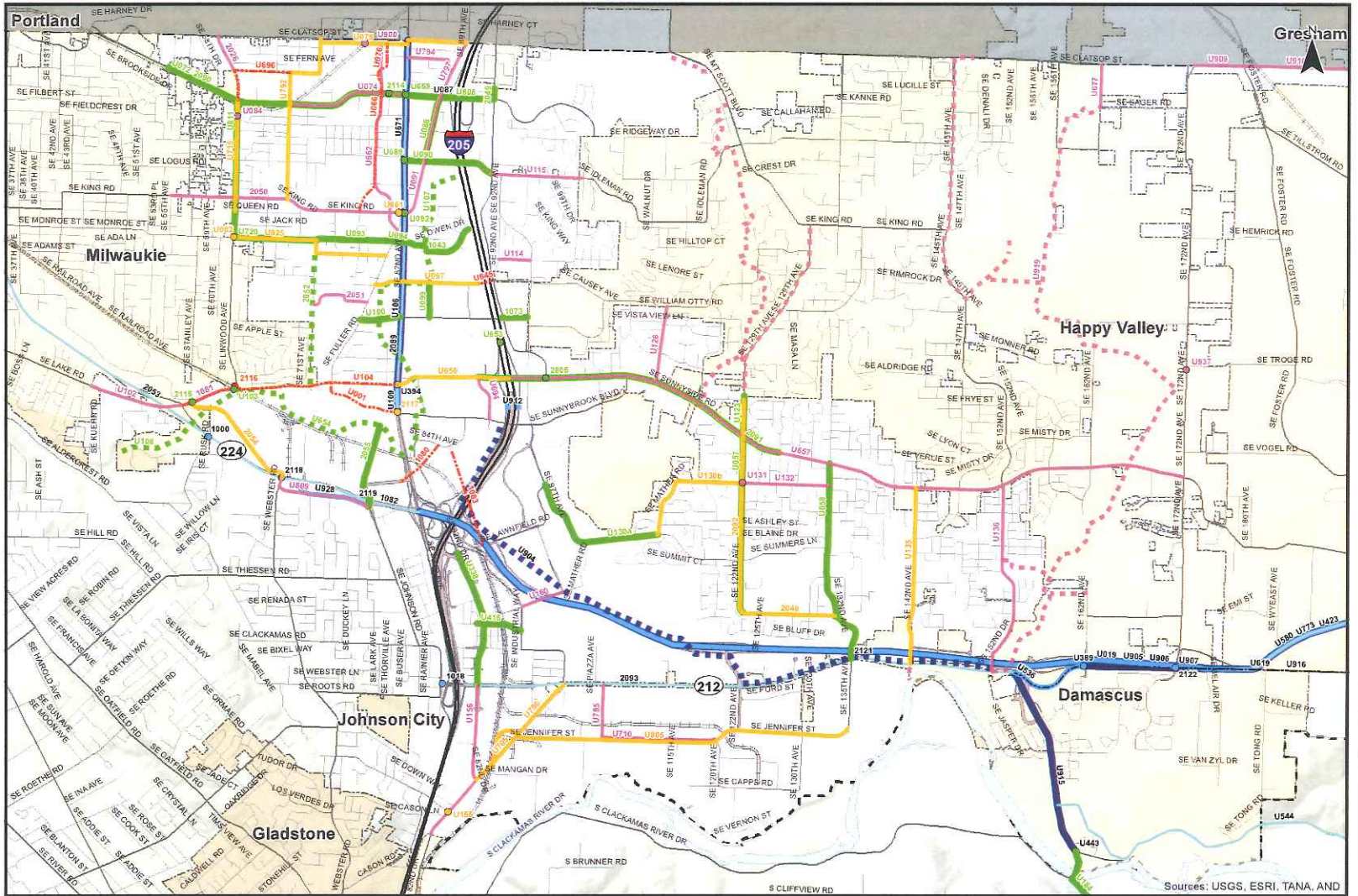
**Master List ODOT Projects
Draft Recommended Priority:**

- High Priority
- Medium Priority
- Low Priority
- - - Recommended for Removal

- Multi-Use Path
- Incorporated Areas
- County Boundary
- UGB

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Coordinate System:
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Clackamas County Metro Data Resource Center

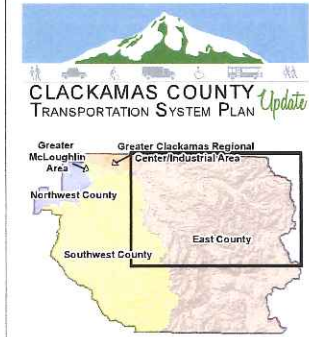


**Master List Projects - PAC Recommendation
Greater Clackamas Regional Center / Industrial Area**

**Figure
C MP**

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Sources: USGS, ESRI, TANA, AND



Master List County Projects

PAC Recommended Priority:

- Tier 1
- Tier 2
- Tier 3
- Remove

Master List ODOT Projects

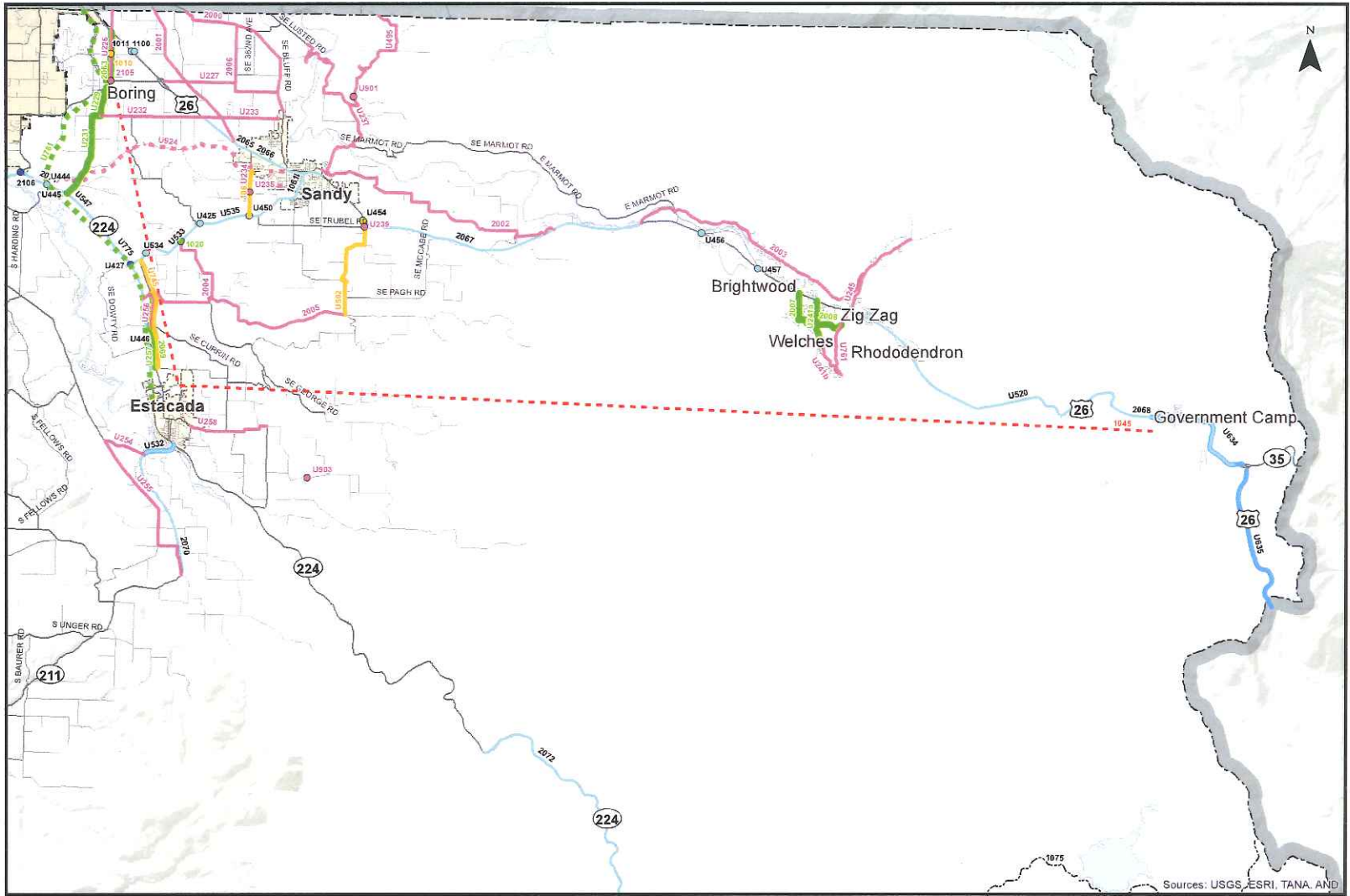
Draft Recommended Priority:

- High Priority
- Medium Priority
- Low Priority
- Recommended for Removal

- Multi-Use Path
- Incorporated Areas
- County Boundary
- UGB



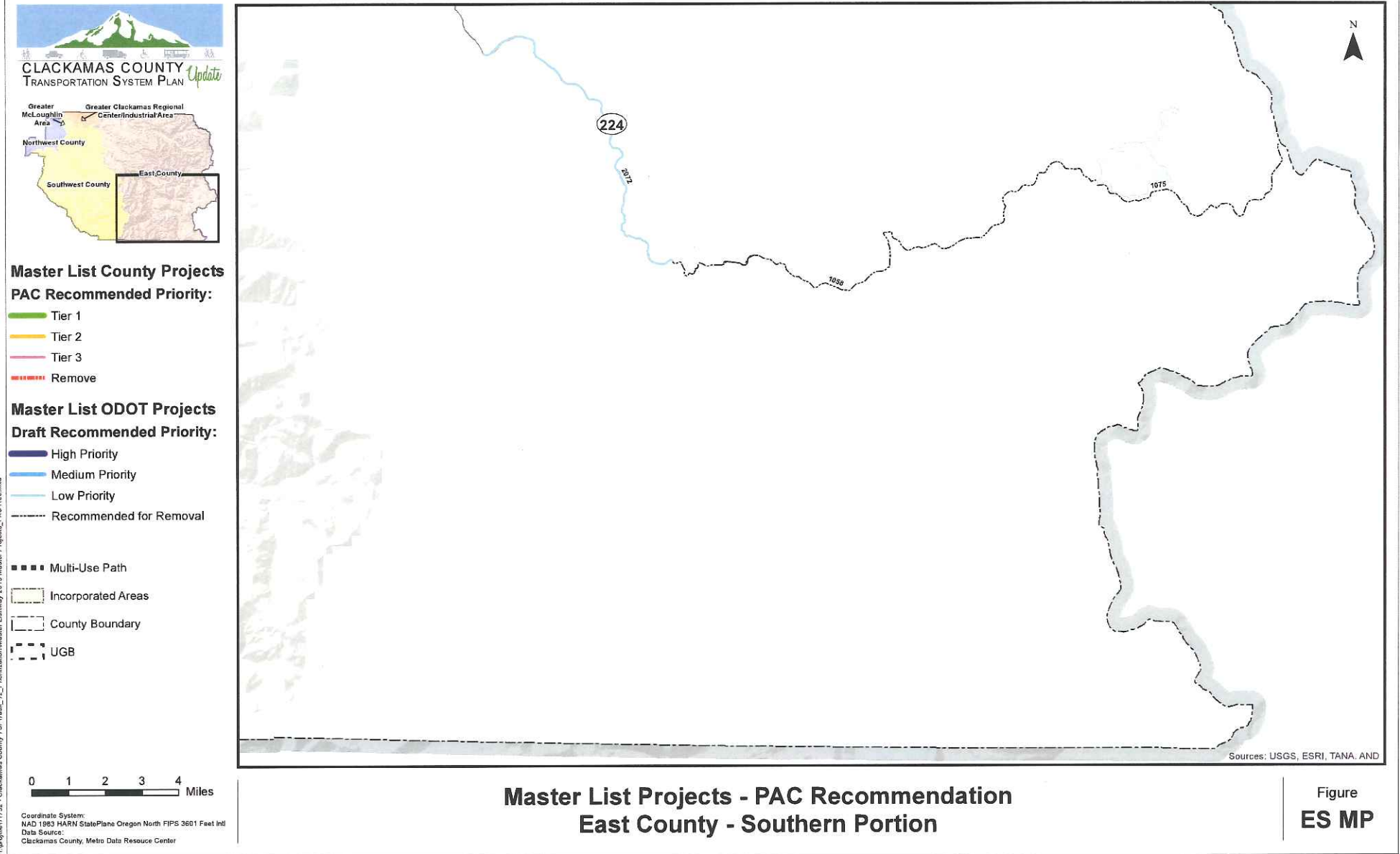
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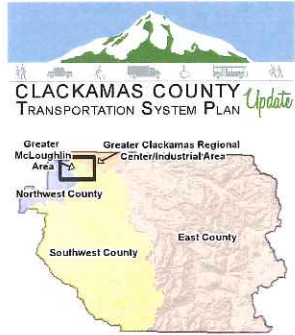
**Master List Projects - PAC Recommendation
East County - Northern Portion**

**Figure
EN MP**

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Master List County Projects

PAC Recommended Priority:

- Tier 1
- Tier 2
- Tier 3
- - - - Remove

Master List ODOT Projects

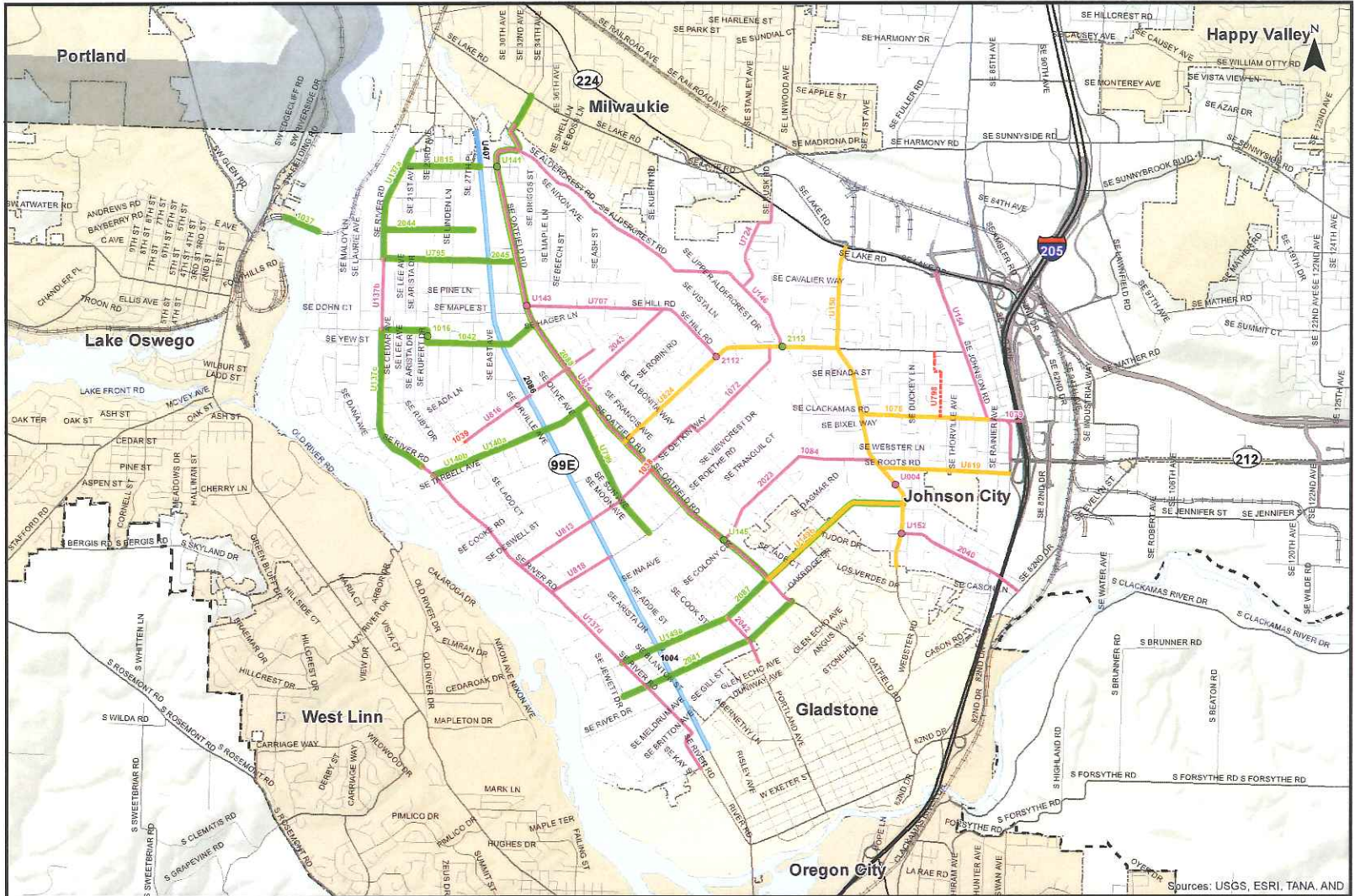
Draft Recommended Priority:

- High Priority
- Medium Priority
- Low Priority
- - - - Recommended for Removal

- Multi-Use Path
- Incorporated Areas
- County Boundary
- UGB

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Coordinate System:
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Data Source:
Clackamas County, Metro Data Resource Center

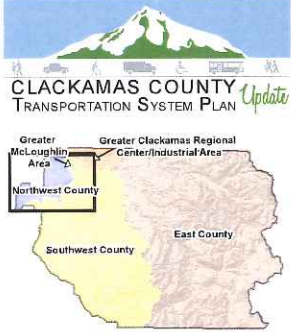


Master List Projects - PAC Recommendation
Greater McLoughlin Area

Figure
M MP

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Sources: USGS, ESRI, TANA, AND



Master List County Projects

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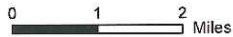
- Tier 1
- Tier 2
- Tier 3
- - - - Remove

Master List ODOT Projects

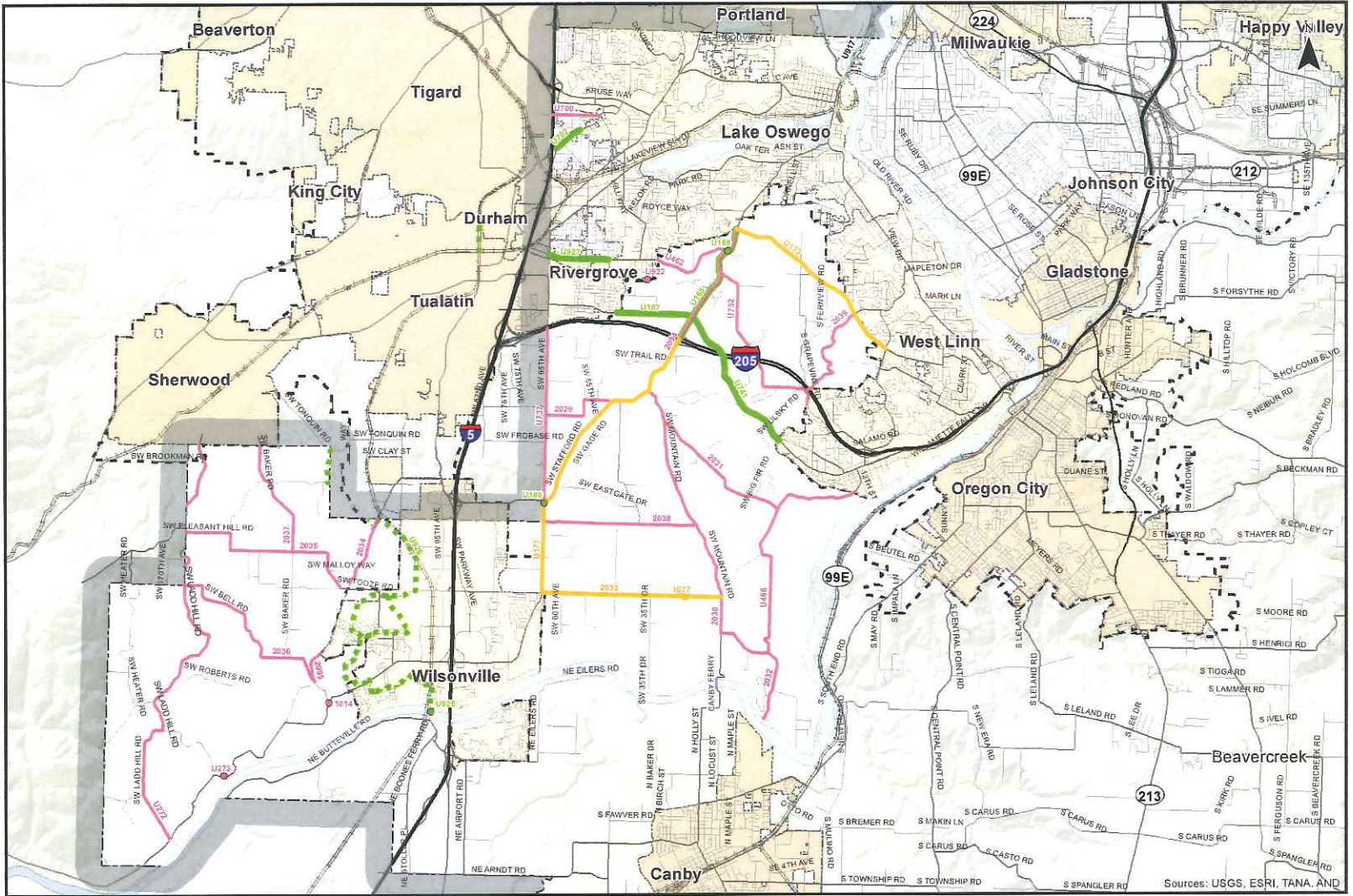
Draft Recommended Priority:

- High Priority
- Medium Priority
- Low Priority
- - - - Recommended for Removal

- Multi-Use Path
- Incorporated Areas
- County Boundary
- UGB



Coordinates System:
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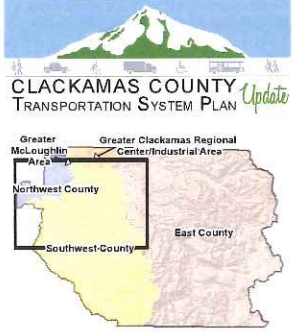


**Master List Projects - PAC Recommendation
 Northwest County**

**Figure
 NW MP**

Sources: USGS, ESRI, TANA, AND

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Master List County Projects

PAC Recommended Priority:

- Tier 1
- Tier 2
- Tier 3
- - - - Remove

Master List ODOT Projects

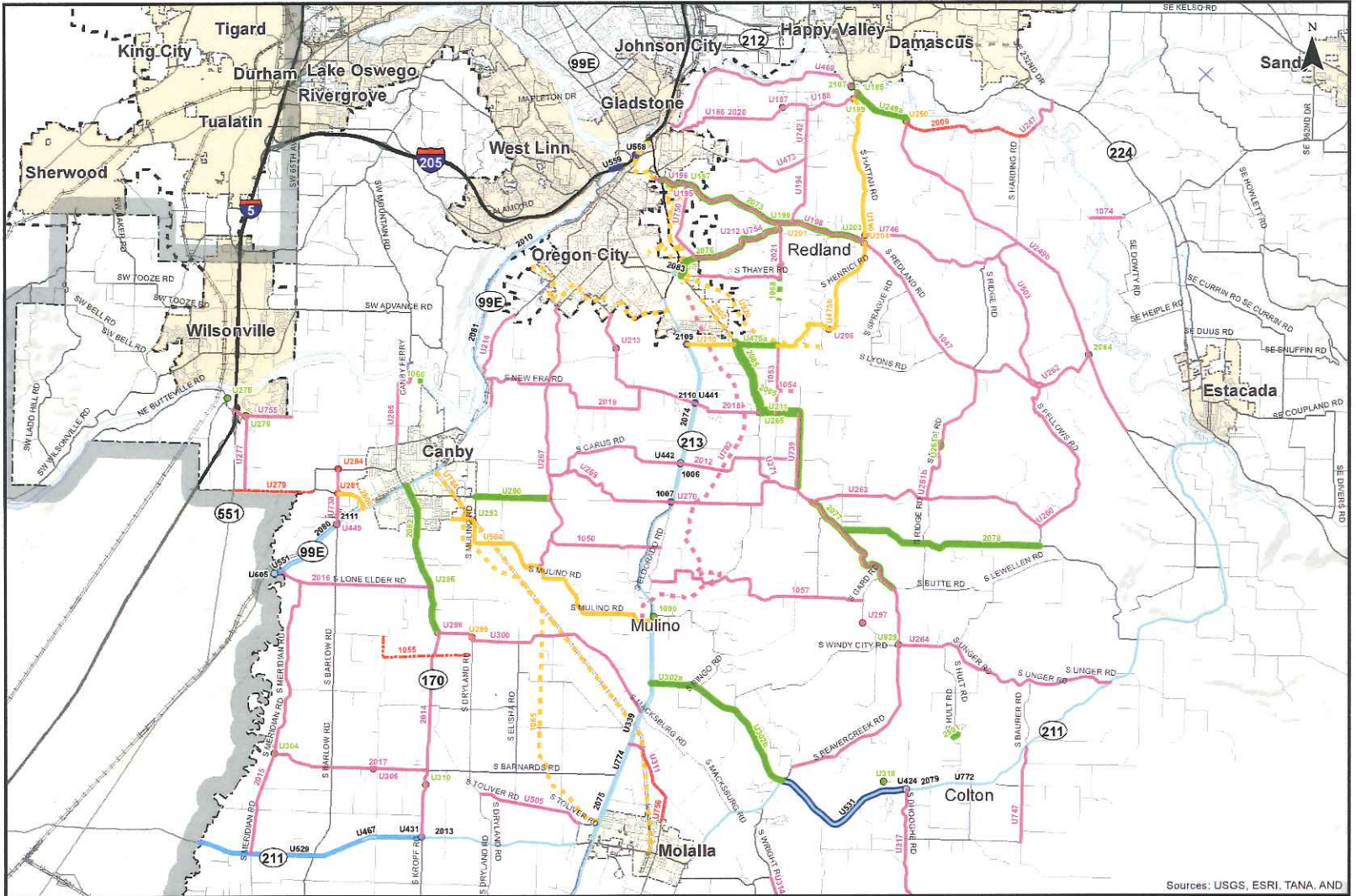
Draft Recommended Priority:

- High Priority
- Medium Priority
- Low Priority
- - - - Recommended for Removal

- Multi-Use Path
- Incorporated Areas
- County Boundary
- UGB



Coordinate System:
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Data Source:
Clackamas County Metro Data Resource Center



Sources: USGS, ESRI, TANA, AND

**Master List Projects - PAC Recommendation
Southwest County - Northern Portion**

**Figure
SN MP**



CLACKAMAS COUNTY TRANSPORTATION SYSTEM PLAN Update



Master List County Projects

PAC Recommended Priority:

- Tier 1
- Tier 2
- Tier 3
- Remove

Master List ODOT Projects

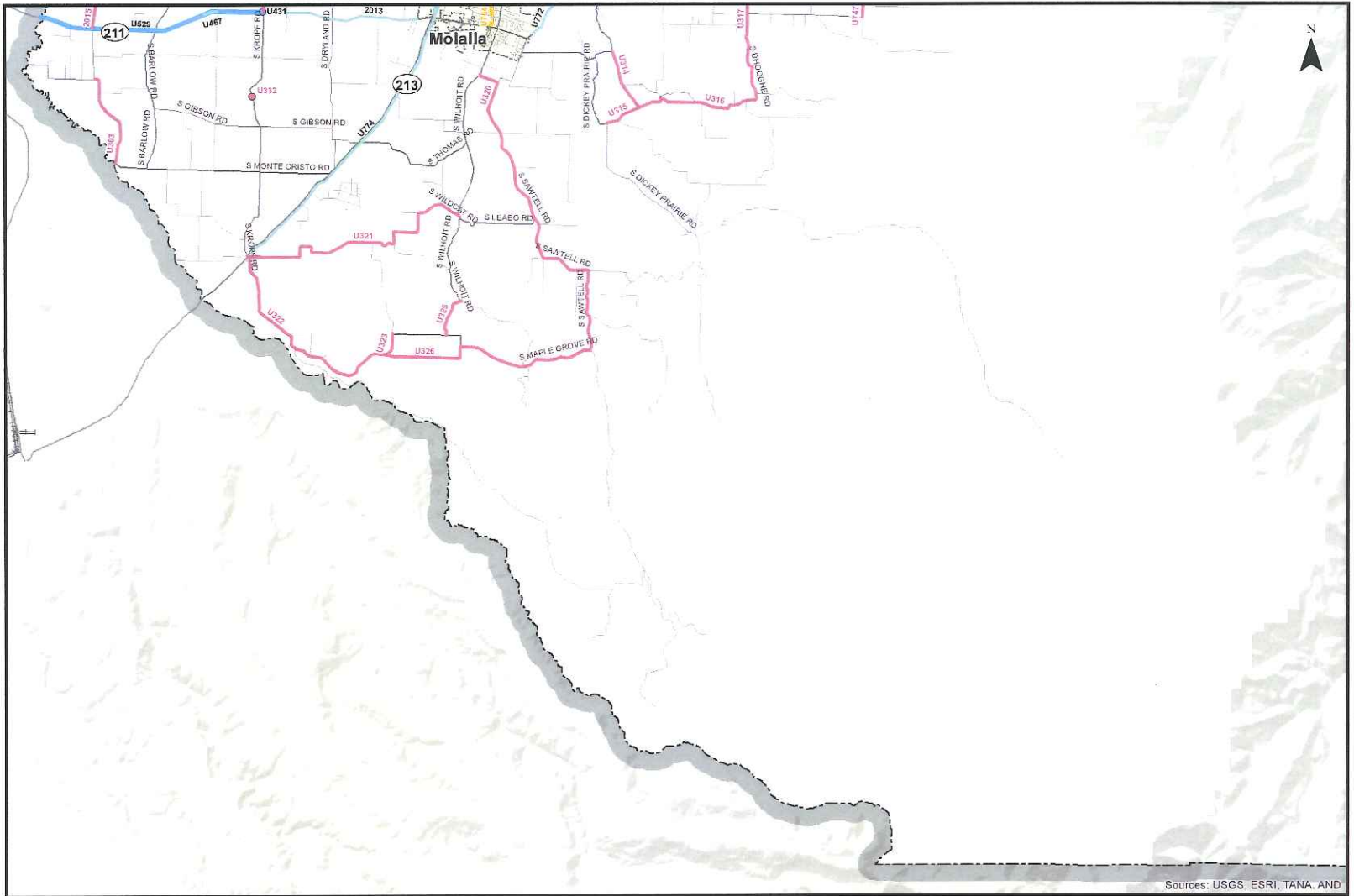
Draft Recommended Priority:

- High Priority
- Medium Priority
- Low Priority
- Recommended for Removal

- Multi-Use Path
- Incorporated Areas
- County Boundary
- UGB



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



Sources: USGS, ESRI, TANA, AND

**Master List Projects - PAC Recommendation
 Southwest County - Southern Portion**

**Figure
 SS MP**