

## Appendix A Goal Scoring Matrix

Goals	Potential Metrics (Contained in Survey)	Scoring Scale				Resources for Determining Score
		-1	0	1	2	
<b>Goal 1: Sustainability</b> <i>(environmental benefits only; other sustainability benefits are dealt with under goals 3 and 6)</i>	1) Does the project increase the potential for walking, biking or taking transit? 2) Does the project impact identified environmentally sensitive areas?	<b>Degrades</b> non-motorized travel, negatively impacts the environment, increases vehicle emissions, and/or decreases network connectivity. <i>Example:</i> Project that negatively impacts an identified environmentally sensitive area, or a project that limits/removes bicycle or pedestrian facilities.	<b>No impact/neutral impact.</b> <i>Example:</i> Project that has no clearly identifiable impact on non-motorized travel, vehicle emissions or an environmentally sensitive area. This includes safety or roadway realignment projects and projects that increase non-motorized travel but negatively impact environmentally sensitive areas.	<b>Indirectly improves</b> non-motorized travel, decreases vehicle emissions and/or increases network connectivity. <i>Example:</i> Intersection improvement that addresses a deficiency and improves vehicular operations.	<b>Directly improves</b> non-motorized travel, decreases vehicle emissions and/or increases bicycle, pedestrian, or transit network connectivity. <i>Example:</i> Constructing an active transportation project.	<ul style="list-style-type: none"> <li>• Pedestrian Network Map</li> <li>• Bicycle Network Map</li> <li>• Transit Service Map</li> <li>• Land Use Zoning Map</li> <li>• Environmentally Sensitive Areas (protected resource, wetland, riparian, habitat and aquatic areas)</li> <li>• TSP Project Data</li> </ul>
<b>Goal 2: Local Businesses and Jobs</b>	1) Is the project located in or near an existing or future employment area? 2) Does the project create a direct connection from a highway or other major facility to an employment area?	<b>Degrades</b> access and/or mobility to existing or future employment areas. <i>Example:</i> Project closes or limits access.	<b>No impact.</b> <i>Example:</i> Project that does not intersect with an employment area.	<b>Indirectly improves</b> access and mobility to existing or future employment areas. <i>Example:</i> Active transportation or safety projects (shoulders, pedways, etc.) within or connecting the employment area.	<b>Directly improves</b> access and mobility to existing or future employment areas. <i>Example:</i> Capacity or operations project (ITS, turn lanes, signal, etc.) to or within an employment area.	<ul style="list-style-type: none"> <li>• Comprehensive Plan Data</li> <li>• Employment Land Data</li> <li>• Economic Landscape Data</li> <li>• ODOT Highway Data</li> <li>• Road Network Data</li> <li>• TSP Project Data</li> </ul>
<b>Goal 3: Livable and Local</b>	1) Does the project increase connections to daily needs and services? 2) Does the project reduce the impacts of reoccurring flooding? 3) Does the project help implement a local land use or development plan?	<b>Degrades</b> neighborhood connectivity and/or access to daily needs or services. <i>Example:</i> Four or more lane capacity enhancements that divide a contiguous neighborhood.	<b>No impact.</b> <i>Example:</i> Project that is outside of a service and/or residential area.	<b>Improves</b> neighborhood connectivity and/or access to daily needs or services. <i>Example:</i> Project provides connectivity to daily needs and services. Any project intersecting with an activity center.	<b>Directly improves</b> neighborhood connectivity and/or access to daily needs or services and helps implement a local plan. <i>Example:</i> Any project near local services and supporting a local plan.	<ul style="list-style-type: none"> <li>• Activity Center Data</li> <li>• Rural Communities Data</li> <li>• Comprehensive Plan Data</li> <li>• TSP Project Data</li> <li>• Reoccurring local flood Data</li> <li>• Road Network Data</li> </ul>
<b>Goal 4: Safety and Health</b>	1) Does the project improve a safety focus intersection, a candidate road safety audit corridor or an ODOT Safety Priority Index System (SPIS) site? 2) Does the project have the potential to reduce emissions near schools or densely populated areas?	<b>Degrades</b> health and/or increases the likelihood of crashes. <i>Example:</i> Increases vehicle emissions within 500 feet of a school.	<b>No impact.</b> <i>Example:</i> Enhancing capacity on an existing roadway with pedestrian and bicycle facilities that is not within 500 feet of a school.	<b>Improves</b> health and/or decreases the likelihood of crashes. <i>Example:</i> Constructing safety improvements at an intersection or on a corridor that are not a safety focus intersection or part of a candidate road safety audit corridor.	<b>Directly improves</b> health and/or decreases the likelihood of crashes at a safety focus intersection, SPIS site or on a candidate road safety auditor corridor, or within 500 feet of a school. <i>Example:</i> Constructing a safety improvement (e.g., single-lane roundabout, intersection realignment) at a safety focus intersection or on a candidate road safety audit corridor.	<ul style="list-style-type: none"> <li>• Highway Safety Manual</li> <li>• School Data</li> <li>• Safety Focus Data</li> <li>• Candidate Road Safety Audit Corridors Data</li> <li>• SPIS Sites Data</li> <li>• TSP Project Data</li> </ul>
<b>Goal 5: Equity</b>	1) Is the project located in a transportation disadvantaged area and does it increase transportation options for that disadvantaged community?	<b>Degrades</b> transportation options, facilities, and/or community for transportation disadvantaged populations. <i>Example:</i> Project that reduces access or connectivity through a transportation disadvantaged area.	<b>No impact.</b> <i>Example:</i> Enhancing capacity in an area that is classified as transportation "least disadvantaged."	<b>Improves</b> transportation options and/or facilities for areas considered transportation "somewhat disadvantaged" or "disadvantaged". <i>Example:</i> Enhancing sidewalk connectivity within an area considered transportation "disadvantaged."	<b>Directly improves</b> transportation options and/or facilities for areas considered transportation "most disadvantaged." <i>Example:</i> Providing sidewalks to transit stops within an area considered "most disadvantaged."	<ul style="list-style-type: none"> <li>• Transportation Disadvantaged Population Map</li> <li>• Activity Centers Map</li> <li>• Pedestrian Network Map</li> <li>• Bicycle Network Map</li> <li>• Transit Network Map</li> <li>• TSP Project Data</li> </ul>
<b>Goal 6: Fiscally Responsible</b>	1) What is the estimated cost effectiveness of the project?	<b>Cost effectiveness factor</b> is in the bottom 25 <sup>th</sup> percentile.	<b>Cost effectiveness factor</b> is between the 25 <sup>th</sup> and 75 <sup>th</sup> percentile.	<b>Cost effectiveness factor</b> is in the 75 <sup>th</sup> to 90 <sup>th</sup> percentile.	<b>Cost effectiveness factor</b> is in the top 90 <sup>th</sup> percentile.	<b>Cost effectiveness factor</b> calculations described in Step 5 of <i>Prioritization Process Memo</i> . (Cost Estimate and Future Year 2035 AADT)

Appendix B Draft Project List – County  
Projects

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

Note: AADT calculated based on 2035 PM volumes from metro model.

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

+1 : addresses deficiency	-1: not part of DTA recommendation	+2: addresses gap AND deficiency	To be completed at later stage of prioritization
-1 : does not address deficiency		+1: addresses gap OR deficiency	

**Additional Scores**

TSP Update ID	Geographic Area	Project Name / Street Name	Segment / Locations	Project Description	Urban or Rural	Project Category	Total Goal Score	Future AADT	Planning Level Cost Estimate	Cost Effectiveness Factor	70% Growth Analysis Score	DTA Analysis Score	Addresses Identified Need	Synergy Score	Final Score	Rank within Geographpic Sub Area	Rank Countywide
2114	CRC	Johnson Creek Blvd	Johnson Creek Blvd / 80th Ave intersection	Add signal	Urban	Urban Upgrade - Vehicle Capacity	10	83,000	\$200,000	415.00	1	0	1		12	Top 8%	Top 6%
U057	CRC	122nd Ave	Sunnyside Rd to Hubbard Rd	Add bikeways, pedways, traffic calming and turn lanes at major intersections	Urban	Urban Upgrade	10	23,000	\$12,780,000	1.80	-1	0	2		11	Top 8%	Top 6%
U089	CRC	Otty St Realignment	Otty St / OR 213 / Otty Rd	Realign Otty St with Otty Rd at OR 213	Urban	Urban Upgrade	10	87,000	\$5,220,000	16.67	0	0	1		11	Top 8%	Top 6%
U136	CRC	152nd Ave Phase 2	Sunnyside Rd to OR 212	Add bikeways, pedways and turn lanes at major intersections	Urban	Urban Upgrade	9	42,000	\$15,070,000	2.79	-1	0	2		10	Top 8%	Top 6%
U099	CRC	85th Ave	Causey Ave to Monterey Ave	Improve to 2 lane collector standard with sidewalks and bikeways	Urban	Urban Upgrade - Active Transportation	8	17,000	\$3,000,000	5.67	0	0	2		10	Top 8%	Top 6%
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	Urban	New Roadway	9	5,500	\$3,700,000	1.49	0	0	1		10	Top 8%	Top 6%
U088	CRC	Fuller Rd	Otty St to Johnson Creek Blvd	Add pedways, turn lanes, on-street parking, central median and landscaping.	Urban	Urban Upgrade	9	33,000	\$7,580,000	4.35	-1	0	2		10	Top 8%	Top 6%
U072	CRC	Johnson Creek Blvd	55th Ave to Bell Ave	Widen to 3 lanes with bikeways and pedways	Urban	Urban Upgrade	10	58,000	\$14,400,000	4.03	-1	0	1		10	Top 8%	Top 6%
2115	CRC	Lake Rd	Lake Rd / International Way intersection	Add right-turn lane on Lake Rd	Urban	Urban Upgrade - Vehicle Capacity	8	108,000	\$290,000	372.41	1	0	1		10	Top 8%	Top 6%
U720	CRC	Monroe St	Linwood Ave to 72nd Ave	Add bikeways	Urban	Urban Upgrade - Active Transportation	8	17,000	\$5,330,000	3.19	0	0	2		10	Top 8%	Top 6%
U001	CRC	Sunnybrook Blvd Extension	OR 213 to Harmony Rd	Construct new 2 lane roadway with pedways and bikeways	Urban	New Roadway	6	6,000	\$10,600,000	0.57	1	1	2		10	Top 8%	Top 6%
U123	CRC	122nd Ave	Sunnyside Rd to Timber Valley Dr	Add bikeways and turn lanes at major intersections	Urban	Urban Upgrade	9	44,000	\$3,220,000	13.66	-1	0	1		9	Top 29%	Top 18%
U058	CRC	132nd Ave	Sunnyside Rd to OR 212	Add bikeways, pedways, traffic calming and turn lanes at major intersections	Urban	Urban Upgrade	8	19,000	\$15,400,000	1.23	-1	0	2		9	Top 29%	Top 18%
2052	CRC	72nd Ave Multi-Use Path Co	Thompson Rd to Harmony Rd	Construct multi-use path	Urban	Multi-Use Path	8	15,000	\$1,140,000	13.16	0	0	1		9	Top 29%	Top 18%
U338	CRC	82nd Dr	OR 212 to Lawnfield Rd	Widen to 3 lanes with bikeways and pedways.	Urban	Urban Upgrade - Active Transportation	7	42,000	\$15,490,000	2.71	0	0	2		9	Top 29%	Top 18%
U792	CRC	Bell Ave / Alberta St / 72nd	King Rd to County line	Add bikeways and pedways	Urban	Urban Upgrade - Active Transportation	8	23,000	\$12,360,000	1.86	0	0	1		9	Top 29%	Top 18%
U097	CRC	Causey Ave	Fuller Rd to I-205	Add bikeways	Urban	Urban Upgrade - Active Transportation	8	10,000	\$6,900,000	1.45	0	0	1		9	Top 29%	Top 18%
U794	CRC	Cornwell Ave	OR 213 to Fuller Rd	Add pedways; connect to I-205 Multi-Use Path	Urban	Urban Upgrade - Active Transportation	8	2,500	\$2,560,000	0.98	0	0	1		9	Top 29%	Top 18%
U796	CRC	Evelyn St	OR 213 to Jennifer St	Add bikeways and pedways	Urban	Urban Upgrade - Active Transportation	8	40,000	\$3,210,000	12.46	0	0	1		9	Top 29%	Top 18%
U696	CRC	Flavel Dr / Alberta St	Linwood Ave to 72nd Ave	Add bikeways	Urban	Urban Upgrade - Active Transportation	8	23,000	\$5,720,000	4.02	0	0	1		9	Top 29%	Top 18%
U091	CRC	Fuller Rd	Otty St to King Rd / OR 213	Construct new 2 lane extension with pedways and bikeways	Urban	New Roadway	8	1,500	\$22,490,275	0.07	0	0	1		9	Top 29%	Top 18%
U797	CRC	Fuller Rd	Johnson Creek Blvd to County Line	Add pedways	Urban	Urban Upgrade - Active Transportation	8	29,000	\$6,020,000	4.82	0	0	1		9	Top 29%	Top 18%
U092	CRC	Fuller Rd disconnect	Fuller Rd / King Rd intersection	Disconnect Fuller Rd auto access to King Rd	Urban	Other (Roadway Disconnect)	7	87,000	\$750,000	116.00	0	0	2		9	Top 29%	Top 18%
U653	CRC	I-205 ped / bike Overpass	Between Causey Rd and Sunnyside Rd	Construct a bike / ped crossing over I-205 to connect transit services, businesses and residents	Urban	Urban Upgrade - Active Transportation	8	15,000	\$4,780,000	3.14	0	0	1		9	Top 29%	Top 18%
U805	CRC	Jennifer St	82nd Dr to 135th Ave	Add pedways	Urban	Urban Upgrade - Active Transportation	8	29,000	\$19,610,000	1.48	0	0	1		9	Top 29%	Top 18%
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	Urban	Safety	8	79,000	\$60,000	1316.67	0	0	1		9	Top 29%	Top 18%
U808	CRC	Johnson Creek Blvd	OR 213 to 92nd Ave	Add pedways	Urban	Urban Upgrade - Active Transportation	8	87,000	\$9,890,000	8.80	0	0	1		9	Top 29%	Top 18%

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2050	CRC	King Rd	Milwaukie to 82nd Ave	Fill gaps in pedways	Urban	Urban Upgrade - Active Transportation	8	52,000	\$4,230,000	12.29	0	0	1		9	Top 29%	Top 18%
U082	CRC	Linwood Ave	Linwood Ave / Monroe St intersection	Add curbs/sidewalks, improve horizontal alignments	Urban	Urban Upgrade	8	56,000	\$7,420,000	7.55	0	0	1		9	Top 29%	Top 18%
U811	CRC	Linwood Ave	Monroe St north to County Line	Add pedways	Urban	Urban Upgrade - Active Transportation	8	58,000	\$6,340,000	9.15	0	0	1		9	Top 29%	Top 18%
U715	CRC	Linwood Ave	Queen Rd to Johnson Creek Blvd	Add bikeways	Urban	Urban Upgrade - Active Transportation	8	60,000	\$7,190,000	8.34	0	0	1		9	Top 29%	Top 18%
2056	CRC	McKinley Rd	SE Clackamas Rd to OR 212	Fill gaps in pedways	Urban	Urban Upgrade - Active Transportation	8	19,000	\$1,700,000	11.18	0	0	1		9	Top 29%	Top 18%
U093	CRC	Monroe St	72nd Ave to Fuller Rd	Add bikeways and pedways	Urban	Urban Upgrade - Active Transportation	8	23,000	\$4,960,000	4.64	0	0	1		9	Top 29%	Top 18%
1043	CRC	Monroe St	Fuller Rd to I-205 bike path	Add bikeways	Urban	Urban Upgrade - Active Transportation	8	19,000	\$1,180,000	16.10	0	0	1		9	Top 29%	Top 18%
U825	CRC	Monroe St / 72nd Ave / Tho	Linwood Ave to Fuller Rd	Add pedways	Urban	Urban Upgrade - Active Transportation	8	17,000	\$3,970,000	4.28	0	0	1		9	Top 29%	Top 18%
U108	CRC	North Clackamas Regional P	Linwood Ave to North Clackamas Park Complex	Construct multi-use path	Urban	Multi-Use Path	8	15,000	\$1,100,000	13.64	0	0	1		9	Top 29%	Top 18%
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	Urban	Urban Upgrade	9	48,000	\$14,400,000	3.33	-1	0	1		9	Top 29%	Top 18%
U819	CRC	Roots Rd	Webster Rd to McKinley Rd	Add pedways	Urban	Urban Upgrade - Active Transportation	8	29,000	\$5,900,000	4.92	0	0	1		9	Top 29%	Top 18%
U650	CRC	Sunnyside Rd	OR 213 to I-205	Modified boulevard treatment including lane redesign, medians, beautification, curb extensions, reconstructed sidewalks, landscaping, south side bikeways	Urban	Urban Upgrade - Active Transportation	8	125,000	\$3,000,000	41.67	0	0	1		9	Top 29%	Top 18%
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	Urban	Safety	8	140,000	\$60,000	2333.33	0	0	1		9	Top 29%	Top 18%
U657	CRC	Sunnyside Rd Adaptive Signa	OR 213 to 172nd Ave	Add adaptive timing to traffic signals	Urban	ITS	8	129,000	\$1,225,000	105.31	0	0	1		9	Top 29%	Top 18%
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	Urban	Safety	7	29,000	\$60,000	483.33	0	0	1		8	Bottom 71%	Top 32%
U135	CRC	142nd Ave	Sunnyside Rd to OR 212	Add bikeways and pedways	Urban	Urban Upgrade - Active Transportation	7	35,000	\$11,510,000	3.04	0	0	1		8	Bottom 71%	Top 32%
2049	CRC	92nd Ave	Otty Rd to County boundary	Fill gaps in pedways	Urban	Urban Upgrade - Active Transportation	7	40,000	\$4,150,000	9.64	0	0	1		8	Bottom 71%	Top 32%
U705	CRC	Evelyn St / Mangan Dr	Jennifer St to Water Ave	Add bikeways	Urban	Urban Upgrade - Active Transportation	7	52,000	\$2,710,000	19.19	0	0	1		8	Bottom 71%	Top 32%
U103	CRC	Harmony Rd	Lake Rd / Linwood Ave / Harmony Rd intersection	Grade separated railroad crossing, include bikeways and pedways	Urban	Urban Upgrade	5	115,000	\$20,000,000	5.75	1	1	1		8	Bottom 71%	Top 32%
2116	CRC	Harmony Rd	Harmony Rd / Linwood Ave intersection	Add second left-turn lane on Harmony Rd, adjust signal timing	Urban	Urban Upgrade - Vehicle Capacity	6	108,000	\$30,000,000	3.60	1	0	1		8	Bottom 71%	Top 32%
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 with bikeways and pedways	Urban	Urban Upgrade	8	79,000	\$15,910,000	4.97	-1	0	1		8	Bottom 71%	Top 32%
U921	CRC	Kellogg Ped/Bike Bridge and	Downtown Milwaukie	Construct a ped / bike bridge consistent with the Connecting Clackamas Plan	Urban	Urban Upgrade - Active Transportation	7	42,000	\$11,530,000	3.64	0	0	1		8	Bottom 71%	Top 32%
U809	CRC	Lake Rd	Johnson Rd to Webster Rd	Add pedways	Urban	Urban Upgrade - Active Transportation	7	2,500	\$4,830,000	0.52	0	0	1		8	Bottom 71%	Top 32%
2054	CRC	Lake Rd	Milwaukie City limits east to OR 224	Fill gaps in pedways	Urban	Urban Upgrade - Active Transportation	7	35,000	\$3,840,000	9.11	0	0	1		8	Bottom 71%	Top 32%
U084	CRC	Linwood Ave Bridge over Jo	Bridge	Construct bridge with bike lanes and sidewalks	Urban	Bridge	7	60,000	\$4,860,000	12.35	0	0	1		8	Bottom 71%	Top 32%
1073	CRC	Monterey Ave	Stevens Rd and Bob Schumacher Rd	Extend Monterey Ave consistent with Eagle Landing Plan. Include bikeways and pedways	Urban	New Roadway	7	4,500	\$2,030,000	2.22	0	0	1		8	Bottom 71%	Top 32%
U654	CRC	North Clackamas Regional P	OR 213 to Linwood Ave	Construct multi-use path	Urban	Multi-Use Path	7	15,000	\$1,840,000	8.15	0	0	1		8	Bottom 71%	Top 32%
U107	CRC	Phillips Creek Multi-Use Pat	Clackamas Regional Parks Trail	Construct multi-use path	Urban	Multi-Use Path	7	15,000	\$3,110,000	4.82	0	0	1		8	Bottom 71%	Top 32%

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U184	CRC	Springwater Rd	OR 224 to Hattan Rd	Widen to 3 lanes with shoulders and pedways.	Rural	Urban Upgrade	5	106,000	\$5,010,000	21.16	1	0	2		8	Bottom 71%	Top 32%
U726	CRC	Sunnyside Rd	OR 213 to 97th Ave	Add bikeways	Urban	Urban Upgrade - Active Transportation	7	125,000	\$8,410,000	14.86	0	0	1		8	Bottom 71%	Top 32%
2027	CRC	72nd Ave	Alberta Ave to County boundary	Add bikeways	Urban	Urban Upgrade - Active Transportation	6	17,000	\$2,270,000	7.49	0	0	1		7	Bottom 71%	Bottom 68%
U076	CRC	79th Ave Extension	Luther St to Johnson Creek Blvd	Construct new 2 lane collector with pedways and bikeways	Urban	New Roadway	6	1,500	\$4,630,000	0.32	0	0	1		7	Bottom 71%	Bottom 68%
U694	CRC	93rd Ave	Sunnyside Rd to Sunnybrook Blvd	Add bikeways	Urban	Urban Upgrade - Active Transportation	6	17,000	\$3,020,000	5.63	0	0	1		7	Bottom 71%	Bottom 68%
U130	CRC	97th Ave / Mather Rd	Lawnfield Rd to 122nd Ave	Widen to 2 lane urban collector standard with bikeways, pedways and eastbound left-turn lanes at Mather Rd / Summers Ln and Mather Rd / 122nd Ave	Urban	Urban Upgrade	7	38,000	\$23,970,000	1.59	-1	0	1		7	Bottom 71%	Bottom 68%
U075	CRC	Clatsop St / Luther Rd	72nd Ave to Fuller Rd	Upgrade to 3-lane collector standard add signal at OR 213 intersection; add bikeways and pedways	Urban	Urban Upgrade	6	2,500	\$14,420,000	0.17	-1	0	2		7	Bottom 71%	Bottom 68%
2026	CRC	Flavel Dr	Alberta Ave to County boundary	Add bikeways	Urban	Urban Upgrade - Active Transportation	6	2,500	\$2,410,000	1.04	0	0	1		7	Bottom 71%	Bottom 68%
U661	CRC	Fuller Rd / King Rd Realignm	Fuller Rd / King Rd intersection	Realign Fuller Rd west at King Rd	Urban	Urban Upgrade	6	40,000	\$5,770,000	6.93	0	0	1		7	Bottom 71%	Bottom 68%
U114	CRC	Hillcrest St	92nd Ave to Stevens Rd	Add pedways	Urban	Urban Upgrade - Active Transportation	6	2,500	\$1,540,000	1.62	0	0	1		7	Bottom 71%	Bottom 68%
2048	CRC	Hubbard Rd	122nd Ave to 132nd Ave	Fill gaps in pedways	Urban	Urban Upgrade - Active Transportation	6	12,000	\$1,650,000	7.27	0	0	1		7	Bottom 71%	Bottom 68%
U115	CRC	Idleman Rd redesignation	92nd Ave to Westview Ct	Redesignate as collector; provide bikeways and pedways	Urban	Urban Upgrade	6	48,000	\$5,930,000	8.09	0	0	1		7	Bottom 71%	Bottom 68%
U710	CRC	Jennifer St	106th Ave to 130th Ave	Add bikeways	Urban	Urban Upgrade - Active Transportation	6	23,000	\$7,300,000	3.15	0	0	1		7	Bottom 71%	Bottom 68%
2028	CRC	Johnson Rd	North Clackamas Park Trail to Lake Rd	Add bikeways	Urban	Urban Upgrade - Active Transportation	6	2,500	\$250,000	10.00	0	0	1		7	Bottom 71%	Bottom 68%
U102	CRC	Lake Rd	OR 224 west to Milwaukie city limits	Add pedways and turn lanes at major intersections	Urban	Urban Upgrade	7	50,000	\$4,820,000	10.37	-1	0	1		7	Bottom 71%	Bottom 68%
U900	CRC	Luther Rd Bridge over Johns	Bridge # 06591D	Replace bridge	Urban	Bridge	6	2,500	\$2,030,000	1.23	0	0	1		7	Bottom 71%	Bottom 68%
U160	CRC	Mather Rd	Industrial Way to 98th Ave	Maintain as pedway and bikeway. Construct undercrossing at Sunrise mainline.	Urban	Urban Upgrade - Active Transportation	6	6,000	\$2,040,000	2.94	0	0	1		7	Bottom 71%	Bottom 68%
2051	CRC	Michael Dr	72nd to Fuller Ave	Fill gaps in pedways	Urban	Urban Upgrade - Active Transportation	6	2,500	\$2,620,000	0.95	0	0	1		7	Bottom 71%	Bottom 68%
U100	CRC	Monterey Ave	OR 213 to Fuller Rd	Construct new 2 lane extension with pedways and bikeways	Urban	New Roadway	6	3,000	\$3,910,000	0.77	0	0	1		7	Bottom 71%	Bottom 68%
U813	CRC	Naef Rd	Oatfield Rd to River Rd	Add pedways	Urban	Urban Upgrade - Active Transportation	6	2,500	\$7,540,000	0.33	0	0	1		7	Bottom 71%	Bottom 68%
U126	CRC	Valley View Terrace	Sunnyside Rd to Otty Rd	Add bikeways and pedways	Urban	Urban Upgrade - Active Transportation	5	27,000	\$5,020,000	5.38	0	0	2		7	Bottom 71%	Bottom 68%
U066	CRC	West Collector	Johnson Creek Blvd to King Rd	Construct new 2 lane collector west of OR 213 with pedways and bikeways	Urban	New Roadway	6	3,000	\$18,917,522	0.16	0	0	1		7	Bottom 71%	Bottom 68%
U785	CRC	106th Ave	OR 212 to Jennifer St	Add bikeways and pedways	Urban	Urban Upgrade - Active Transportation	5	8,000	\$3,600,000	2.22	0	0	1		6	Bottom 71%	Bottom 68%
U156	CRC	82nd Dr	OR 212 to Gladstone Phase 2	Widen to 5 lane with bikeways and pedways	Urban	Urban Upgrade	6	81,000	\$52,860,545	1.53	-1	0	1		6	Bottom 71%	Bottom 68%
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	Urban	New Roadway	5	8,000	\$21,670,000	0.37	0	0	1		6	Bottom 71%	Bottom 68%
U910	CRC	Cheldelin Rd	Foster Rd to 190th Dr	Add bikeways and pedways	Urban	Urban Upgrade - Active Transportation	4	29,000	\$9,440,000	3.07	0	0	2		6	Bottom 71%	Bottom 68%
2055	CRC	Johnson Rd	SE Lake Rd to North Clackamas Park Trail	Fill gaps in pedways and provide pedestrian and bicyclist access across Sunrise railroad.	Urban	Urban Upgrade - Active Transportation	5	2,500	\$2,000,000	1.25	0	0	1		6	Bottom 71%	Bottom 68%
1081	CRC	Lake Rd	Railroad Ave / Lake Rd /Linwood Ave / Harmony Rd intersection	Provide a bike/pedestrian overpass over railroad in vicinity of Lake Rd and Railroad Ave	Urban	Urban Upgrade - Active Transportation	5	85,000	\$1,960,000	43.37	0	0	1		6	Bottom 71%	Bottom 68%
U919	CRC	Scouters Mountain / Mt Sco	Loop trail through Happy Valley, Damascus, Clackamas County and Portland	Construct multi-use path consistent with the Connecting Clackamas Plan	Urban	Multi-Use Path	5	15,000	\$17,420,000	0.86	0	0	1		6	Bottom 71%	Bottom 68%

TSP Update ID	Geographic Area	Project Name / Street Name	Segment / Locations	Project Description	Urban or Rural	Project Category	Total Goal Score	Future AADT	Planning Level Cost Estimate	Cost Effectiveness Factor	70% Growth Analysis Score	DTA Analysis Score	Addresses Identified Need	Synergy Score	Final Score	Rank within Geographic Sub Area	Rank Countywide
U155	CRC	Strawberry Ln	Strawberry Ln / 82nd Dr intersection	Install traffic signal	Urban	Urban Upgrade - Vehicle Capacity	6	96,000	\$200,000	480.00	-1	0	1		6	Bottom 71%	Bottom 68%
2117	CRC	Sunnybrook Blvd	Sunnybrook Blvd / 82nd Ave intersection	Add turn lanes on all approaches	Urban	Urban Upgrade - Vehicle Capacity	6	127,000	\$3,270,000	38.84	-1	0	1		6	Bottom 71%	Bottom 68%
2805	CRC	Sunnyside Rd	Sunnyside Rd / Stevens Rd intersection	Intersection improvements, such as additional turn lanes, turn lane extensions, and/or signal timing modifications	Urban	Urban Upgrade - Vehicle Capacity	6	140,000	\$2,000,000	70.00	0	0	0		6	Bottom 71%	Bottom 68%
U662	CRC	West 82nd Ave Parallel road	Harmony Rd to Clatsop St	Construct new road parallel to OR 213 with bikeways and pedways	Urban	New Roadway	5	2,500	\$50,000,000	0.05	0	0	1		6	Bottom 71%	Bottom 68%
U003	CRC	172nd Ave	Sunnyside Rd to 172nd/190th Connector	Widen to five lanes with bikeways and pedways	Urban	Urban Upgrade	4	81,000	\$79,530,000	1.02	-1	0	2		5	Bottom 71%	Bottom 68%
U908	CRC	172nd Ave / 190th Connect	172nd Ave to 190th Dr	Construct new five lane roadway with bikeways and pedways	Urban	New Roadway	3	46,000	\$30,270,000	1.52	0	0	2		5	Bottom 71%	Bottom 68%
U911	CRC	Foster Rd	Cheldelin Rd to Troge Rd	Widen to three lanes with bikeways and pedways	Urban	Urban Upgrade	4	48,000	\$34,370,000	1.40	-1	0	2		5	Bottom 71%	Bottom 68%
U104	CRC	Harmony Rd	OR 213 to OR 224	Widen to 5 lanes with bikeways and pedways	Urban	Urban Upgrade	6	92,000	\$33,980,000	2.71	-1	-1	1		5	Bottom 71%	Bottom 68%
U132	CRC	Mather Rd	122nd Ave to 132nd Ave	Construct new 2 lane roadway with pedways and bikeways	Urban	New Roadway	4	1,000	\$7,280,000	0.14	0	0	1		5	Bottom 71%	Bottom 68%
U131	CRC	Mather Rd	Mather Rd / 122nd Ave intersection	Install traffic signal or compact roundabout	Urban	Urban Upgrade - Vehicle Capacity	5	29,000	\$200,000	145.00	-1	0	1		5	Bottom 71%	Bottom 68%
U724	CRC	Rusk Rd	OR 224 South to Aldercrest Rd	Add bikeways and pedways	Urban	Urban Upgrade - Active Transportation	4	42,000	\$6,420,000	6.54	0	0	1		5	Bottom 71%	Bottom 68%
U128	CRC	172nd Ave	172nd/190th Connector to Cheldelin Rd	Widen to three lanes with bikeways and pedways.	Urban	Urban Upgrade	4	48,000	\$12,580,000	3.82	-1	0	1		4	Bottom 71%	Bottom 68%
1080	CRC	Deer Creek Ln	Johnson Rd to 82nd Ave	Extend eastward for a few hundred feet and connect to Costco loop road (Oak Bluff Rd / 84th Ave)	Urban	New Roadway	3	1,000	\$5,460,000	0.18	0	0	1		4	Bottom 71%	Bottom 68%
1083	CRC	Service road (OSP CSO and P	Lawnfield Rd and 97th Ave	Extend link with realignments of Lawnfield and 97th	Urban	New Roadway	3	1,000	\$9,660,000	0.10	0	0	1		4	Bottom 71%	Bottom 68%
U220	CRC	Tillstrom Rd	Foster Rd to 190th Dr	Widen to three lanes with bikeways and pedways. Realign at Foster Rd intersection	Urban	Urban Upgrade	3	12,000	\$9,790,000	1.23	-1	0	2		4	Bottom 71%	Bottom 68%
U913	CRC	Hemrick Rd	172nd Ave to Foster Rd	Widen to three lanes with bikeways and pedways	Urban	Urban Upgrade	2	6,000	\$8,750,000	0.69	-1	0	2		3	Bottom 71%	Bottom 68%
U677	CRC	162nd Ave	Sager Rd north to County line	Add bikeways, pedways, turn lanes at major intersections	Urban	Urban Upgrade	2	46,000	\$3,920,000	11.73	-1	0	1		2	Bottom 71%	Bottom 68%
U909	CRC	Cheldelin Rd (Clatsop St exte	172nd Ave to Foster Rd	Construct new two lane roadway with bikeways and pedways	Urban	New Roadway	0	29,000	\$4,200,000	6.90	0	0	2		2	Bottom 71%	Bottom 68%
U914	CRC	Troge Rd	172nd Ave to approximately 1,000 feet east of 172nd Ave	Realign roadway and add bikeways and pedways. Construct new bridge	Urban	Bridge	0	2,500	\$4,680,000	0.53	0	0	2		2	Bottom 71%	Bottom 68%

Total Cost CRC: \$935,813,342



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U227	E	Compton Rd	US 26 to 352nd Ave	Remove vertical curve near Orient Dr and relocate intersection; widen to include shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	8	25,000	\$24,510,000	1.02	0	0	2		10	Top 14%	Top 6%
U226	E	282nd Ave	OR 212 to Multnomah County line	Widen shoulders and bikeways to County standard	Rural	Rural Upgrade - Active Transportation	7	54,000	\$9,140,000	5.91	0	0	2		9	Top 14%	Top 18%
U231	E	Amisigger Rd	OR 224 to Kelso / Richey Rd	Widen to rural arterial standard (2 lanes) with shoulders and bikeways and turn lanes at major intersections; smooth curves.	Rural	Rural Upgrade	8	44,000	\$38,520,000	1.14	-1	0	2		9	Top 14%	Top 18%
U233	E	Kelso Rd	Orient Dr to Sandy UGB	Remove vertical curve, relocate intersection, widen to rural arterial standard (2 lanes) with shoulders, bikeways and turn lanes at major intersections; investigate speed zone	Rural	Rural Upgrade	9	21,000	\$23,650,000	0.89	-1	0	1		9	Top 14%	Top 18%
U229	E	Richey Rd	Kelso Rd to OR 212	Widen to rural arterial standard (2 lanes) with shoulders, bikeways and turn lanes at major intersections.	Rural	Rural Upgrade	8	56,000	\$12,880,000	4.35	-1	0	2		9	Top 14%	Top 18%
2069	E	Eagle Creek Rd	Firwood Rd to 6th Ave	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Rural	Safety	7	10,000	\$60,000	166.67	0	0	1		8	Top 27%	Top 32%
U745	E	Eagle Creek Rd	OR 211 to Rivermill Rd	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	7	10,000	\$17,480,000	0.57	0	0	1		8	Top 27%	Top 32%
U232	E	Kelso Rd	Richey Rd to Orient Dr	Widen to rural arterial standard (2 lanes) with shoulders, bikeways and turn lanes at major intersections.	Rural	Rural Upgrade	8	19,000	\$39,830,000	0.48	-1	0	1		8	Top 27%	Top 32%
U753	E	Kelso Rd	Amisigger Rd to Orient Dr	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	7	19,000	\$16,660,000	1.14	0	0	1		8	Top 27%	Top 32%
U241	E	Welches Rd	US 26 to Salmon River Rd	Widen to rural collector standard (2 lanes) with shoulders, bikeways and pedways in Welches rural center	Rural	Rural Upgrade - Active Transportation	7	2,500	\$23,970,000	0.10	0	0	1		8	Top 27%	Top 32%
2063	E	282nd Ave	US 26 to Richey Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Rural	Safety	6	54,000	\$30,000	1800.00	0	0	1		7	Bottom 73%	Bottom 68%
2006	E	352nd Ave / Dunn Rd	County boundary to Bluff Rd	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	6	12,000	\$14,120,000	0.85	0	0	1		7	Bottom 73%	Bottom 68%
1062	E	362nd Ave	US 26 to OR 211	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	5	2,500	\$8,510,000	0.29	0	0	2		7	Bottom 73%	Bottom 68%
2007	E	Arrah Wanna Blvd	US 26 to Fairway Ave	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	6	2,500	\$3,530,000	0.71	0	0	1		7	Bottom 73%	Bottom 68%
U257	E	Eagle Creek Rd	Currin Rd to Duus Rd	Remove horizontal curve, relocate intersection, widen to rural arterial standard (2 lanes) with shoulders, bikeways and turn lanes at major intersections; investigate speed zone south of Currin Road	Rural	Rural Upgrade	6	6,000	\$18,100,000	0.33	-1	0	2		7	Bottom 73%	Bottom 68%
U254	E	Hayden Rd	Springwater Rd to OR 211	Widen to rural arterial standard (2 lanes) with shoulders, bikeways and turn lanes at major intersections.	Rural	Rural Upgrade	7	27,000	\$6,630,000	4.07	-1	0	1		7	Bottom 73%	Bottom 68%
U761	E	Salmon River Rd	US 26 to Welches Rd	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	6	2,500	\$8,980,000	0.28	0	0	1		7	Bottom 73%	Bottom 68%
U255	E	Springwater Rd	Hayden Rd to OR 211	Widen shoulders and bikeways to County standard	Rural	Rural Upgrade - Active Transportation	5	19,000	\$22,240,000	0.85	0	0	2		7	Bottom 73%	Bottom 68%
2005	E	Wildcat Mountain DR	OR 224 to Firwood Rd	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	6	6,000	\$1,800,000	3.33	0	0	1		7	Bottom 73%	Bottom 68%
U235	E	362nd Dr	362nd Ave / Deming Rd intersection	Remove or decrease vertical curve, relocate intersection	Rural	Safety	5	25,000	\$460,000	54.35	0	0	1		6	Bottom 72%	Bottom 68%
2003	E	Barlow Trail Rd/ Lolo Pass R	Between communities of Timberline, Welches and Zig Zag	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	5	2,500	\$49,180,000	0.05	0	0	1		6	Bottom 72%	Bottom 68%
2000	E	Bluff Rd	Kelso Rd to County boundary	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	5	10,000	\$21,230,000	0.47	0	0	1		6	Bottom 72%	Bottom 68%
U256	E	Eagle Creek Rd	Keegan Rd to Currin Rd	Realign Trubel Rd to remove or decrease downgrade	Rural	Safety	5	13,000	\$17,400,000	0.75	0	0	1		6	Bottom 72%	Bottom 68%
2008	E	Fairway Ave	Arrah Wanna Blvd to Salmon River Rd	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	5	2,500	\$6,170,000	0.41	0	0	1		6	Bottom 72%	Bottom 68%



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U502	E	Firwood Rd	Wildcat Mountain Dr to US 26	Widen to rural arterial standard (2 lanes) with shoulders, bikeways and turn lanes at major intersections.	Rural	Rural Upgrade	5	2,000	\$39,530,000	0.05	-1	0	2		6	Bottom 72%	Bottom 68%
2004	E	Howlett Rd	OR 211 to Wildcat Mountain Dr	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	5	15,000	\$10,540,000	1.42	0	0	1		6	Bottom 72%	Bottom 68%
2001	E	Orient Dr	US 26 north to County line	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	5	12,000	\$20,370,000	0.59	0	0	1		6	Bottom 72%	Bottom 68%
1045	E	Springwater Trail	Gresham to Estacada and Government Camp	Extend Springwater Trail to Estacada and Government Camp	Rural	Multi-Use Path	5	15,000	\$52,500,000	0.29	0	0	1		6	Bottom 73%	Bottom 68%
U237	E	Ten Eyck Rd	Lusted Rd to US 26	Remove vertical curve, relocate intersection, widen to rural arterial standard (2 lanes) with shoulders and bikeways, turn lanes at major intersections; investigate speed zone	Rural	Rural Upgrade	5	4,000	\$81,110,000	0.05	-1	0	2		6	Bottom 72%	Bottom 68%
U924	E	Tickle Creek Trail	Springwater Corridor to Sandy city limits	Construct multi-use path consistent with the Connecting Clackamas Plan	Rural	Multi-use Path	5	15,000	\$10,620,000	1.41	0	0	1		6	Bottom 72%	Bottom 68%
1010	E	282nd Ave	282nd / Haley Rd intersection	Install traffic signal and lower speed limit on 282nd	Rural	Safety	5	54,000	\$1,000,000	54.00	0	0	0		5	Bottom 73%	Bottom 68%
U495	E	Bull Run Rd	Ten Eyck Rd to Multnomah County line	Widen to rural arterial standard (2 lanes) with shoulders, bikeways and turn lanes at major intersections.	Rural	Rural Upgrade	4	6,000	\$50,660,000	0.12	-1	0	2		5	Bottom 73%	Bottom 68%
U781	E	Cazadero Multi-Use Trail	Community of Boring to City of Estacada	Construct multi-use path	Rural	Multi-Use Path	4	15,000	\$19,100,000	0.79	0	0	1		5	Bottom 73%	Bottom 68%
2002	E	Coalman Rd	City of Sandy to US 26	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	4	2,500	\$37,320,000	0.07	0	0	1		5	Bottom 73%	Bottom 68%
U903	E	Porter Rd Bridge over Delph	Bridge # 5258 / 99001	Replace bridge	Rural	Bridge	4	2,500	\$320,000	7.81	0	0	1		5	Bottom 73%	Bottom 68%
U234	E	362nd Dr	Colorado Rd to Dubarko Rd	Remove or decrease horizontal and vertical curves	Rural	Safety	3	25,000	\$5,310,000	4.71	0	0	1		4	Bottom 73%	Bottom 68%
U901	E	Bull Run Truss	Bridge # 06571	Replace bridge	Rural	Bridge	3	6,000	\$6,750,000	0.89	0	0	1		4	Bottom 73%	Bottom 68%
U258	E	Coupland Rd	Edgehill Dr to Divers Rd	Widen to rural minor arterial standard (2 lanes) with shoulders, bikeways and turn lanes at major intersections	Rural	Rural Upgrade	4	12,000	\$32,000,000	0.38	-1	0	1		4	Bottom 73%	Bottom 68%
U239	E	Firwood Rd	Firwood Rd / Trubel Rd intersection	Realign Trubel Rd to remove or decrease downgrade	Rural	Safety	2	2,000	\$3,230,000	0.62	0	0	1		3	Bottom 73%	Bottom 68%
U245	E	Lolo Pass Rd	US 26 to Barlow Trail Rd	Safety analysis; widen shoulders to County standards	Rural	Rural Upgrade - Active Transportation	3	2,500	\$2,410,000	1.04	0	0	0		3	Bottom 73%	Bottom 68%

**Total Cost East County: \$757,850,000**

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U154	M	Johnson Rd / McKinley Rd	OR 224 to I-205 multi-use path	Bikeway and pedway infill	Urban	Urban Upgrade - Active Transportation	10	29,000	\$1,770,000	16.38	0	0	1		11	Top 1%	Top 6%
1086	M	Trolley Trail Extension	McLoughlin Blvd to Oregon City	Extend Trolley Trail south to Oregon City	Urban	Multi-Use Path	10	15,000	\$1,300,000	11.54	0	0	1		11	Top 1%	Top 6%
U149	M	Jennings Ave	River Rd to Webster	Widen to 2-lane urban minor arterial standard with bikeway and pedway infill	Urban	Urban Upgrade - Active Transportation	8	29,000	\$27,290,000	1.06	0	0	1		9	Top 25%	Top 18%
U814	M	Oatfield Rd	Milwaukie city limits to Gladstone city limits	Fill gaps in pedways and bikeways	Urban	Urban Upgrade - Active Transportation	8	29,000	\$38,190,000	0.76	0	0	1		9	Top 25%	Top 18%
U815	M	Park Ave	River Rd to OR 99E (McLoughlin Blvd)	Add pedways	Urban	Urban Upgrade - Active Transportation	8	17,000	\$3,510,000	4.84	0	0	1		9	Top 25%	Top 18%
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	Urban	Urban Upgrade - Vehicle Capacity	7	42,000	\$490,000	85.71	1	0	1		9	Top 25%	Top 18%
2113	M	Thiessen Rd	Thiessen Rd / Aldercrest Rd intersection	Add turn lanes on Thiessen Rd; consider converting to two-way stop controlled	Urban	Urban Upgrade - Vehicle Capacity	7	48,000	\$570,000	84.21	1	0	1		9	Top 25%	Top 18%
U150	M	Webster Rd	OR 224 to Gladstone	Widen to 2-lane urban minor arterial standard with bikeways and pedways.	Urban	Urban Upgrade	8	44,000	\$27,840,000	1.58	0	0	1		9	Top 25%	Top 18%
1079	M	Clackamas Rd	Clackamas Rd / I-205 interchange	Construct bike/ped bridge over I-205	Urban	Bridge	7	15,000	\$5,060,000	2.96	0	0	1		8	Bottom 75%	Top 32%
U140	M	Concord Rd	River Rd to Oatfield Rd	Reconstruct and widen (2 lanes) with pedway and bikeway infill; add turn lanes at major intersections	Urban	Urban Upgrade	7	10,000	\$15,640,000	0.64	-1	0	2		8	Bottom 75%	Top 32%
U795	M	Courtney Ave	River Rd to OR 99E (McLoughlin Blvd)	Construct pedway / complete gaps on the south side; add bikeways	Urban	Urban Upgrade - Active Transportation	7	4,000	\$6,600,000	0.61	0	0	1		8	Bottom 75%	Top 32%
2045	M	Courtney Ave	OR 99E to Oatfield Rd	Fill gaps in pedways	Urban	Urban Upgrade - Active Transportation	7	6,000	\$1,760,000	3.41	0	0	1		8	Bottom 75%	Top 32%
U798	M	Greenview Ave	Thiessen Rd to Clackamas Rd	Add pedways	Urban	Urban Upgrade - Active Transportation	7	2,500	\$3,350,000	0.75	0	0	1		8	Bottom 75%	Top 32%
U799	M	Harold Ave	Concord Rd to Roethe Rd	Add pedways	Urban	Urban Upgrade - Active Transportation	7	2,500	\$6,570,000	0.38	0	0	1		8	Bottom 75%	Top 32%
2041	M	Hull Ave	Western end of Hull Ave to Oatfield Rd	Fill gaps in pedways	Urban	Urban Upgrade - Active Transportation	7	2,500	\$7,650,000	0.33	0	0	1		8	Bottom 75%	Top 32%
2087	M	Jennings Ave	Webster Rd to OR 99E	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Urban	Safety	7	29,000	\$60,000	483.33	0	0	1		8	Bottom 75%	Top 32%
1042	M	Oak Grove Blvd	Laurie Ave and Rupert Dr	Fill gaps in pedways and bikeways	Urban	Urban Upgrade - Active Transportation	7	8,000	\$10,760,000	0.74	0	0	1		8	Bottom 75%	Top 32%
U145	M	Oatfield Rd	Oatfield Rd / McNary Rd intersection	Add southbound and eastbound left-turn lanes	Urban	Urban Upgrade - Vehicle Capacity	7	29,000	\$860,000	33.72	0	0	1		8	Bottom 75%	Top 32%
2088	M	Oatfield Rd	Jennings Ave to Lake Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Urban	Safety	7	29,000	\$120,000	241.67	0	0	1		8	Bottom 75%	Top 32%
U137	M	River Rd	City of Milwaukie to City of Gladstone	Widen to urban minor arterial standard (2 lanes) with bikeway and pedway infill.	Urban	Urban Upgrade - Active Transportation	6	29,000	\$62,650,000	0.46	0	0	2		8	Bottom 75%	Top 32%
U818	M	Roethe Rd	River Rd to OR 99E (McLoughlin Blvd)	Add bikeways, pedways and traffic calming	Urban	Urban Upgrade - Active Transportation	7	4,000	\$4,330,000	0.92	0	0	1		8	Bottom 75%	Top 32%
1016	M	Rupert Rd	Rupert Rd / Oak Grove Blvd intersection	Provide pedestrian crosswalk	Urban	Urban Upgrade - Active Transportation	7	8,000	\$250,000	32.00	0	0	1		8	Bottom 75%	Top 32%
U824	M	Thiessen Rd	Oatfield Rd to Webster Rd	Add bikeways and pedways	Urban	Urban Upgrade - Active Transportation	7	42,000	\$15,620,000	2.69	0	0	1		8	Bottom 75%	Top 32%
U004	M	Webster Rd	Webster Rd / Jennings Ave and Webster Rd / Roots Rd intersections	Construct traffic signals, turn lanes	Urban	Urban Upgrade - Vehicle Capacity	6	48,000	\$2,110,000	22.75	1	0	1		8	Bottom 75%	Top 32%
1078	M	Clackamas Rd	Johnson and Webster Rd	Add pedways	Urban	Urban Upgrade - Active Transportation	6	12,000	\$5,830,000	2.06	0	0	1		7	Bottom 75%	Bottom 68%
U706	M	Glen Echo Ave	OR 99E to Oatfield Rd	Add bikeways	Urban	Urban Upgrade - Active Transportation	6	10,000	\$2,560,000	3.91	0	0	1		7	Bottom 75%	Bottom 68%
U707	M	Hill Rd	Oatfield Rd to Thiessen Rd	Add bikeways and pedways	Urban	Urban Upgrade - Active Transportation	6	13,000	\$13,130,000	0.99	0	0	1		7	Bottom 75%	Bottom 68%
U141	M	Oatfield Rd	Oatfield Rd / Park Rd intersection	Install traffic signal and add turn lanes	Urban	Urban Upgrade - Vehicle Capacity	7	38,000	\$2,010,394	18.90	-1	0	1		7	Bottom 75%	Bottom 68%
1070	M	Oatfield Rd	Oatfield Rd and Aldercrest Rd	Install buffer for bike lane on west side of switchback	Urban	Safety	6	42,000	\$1,410,000	29.79	0	0	1		7	Bottom 75%	Bottom 68%
1072	M	Oetkin Way and Naef Rd	Oatfield Rd and Wallace Rd	Designate roadways as bike blvds	Urban	Urban Upgrade - Active Transportation	6	2,500	\$60,000	41.67	0	0	1		7	Bottom 75%	Bottom 68%
2042	M	Portland Ave	Jennings Ave to Hull Ave	Fill gaps in pedways	Urban	Urban Upgrade - Active Transportation	6	2,500	\$2,190,000	1.14	0	0	1		7	Bottom 75%	Bottom 68%

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U816	M	Risley Ave	Arista Dr to Hager Rd	Fill gaps in pedways	Urban	Urban Upgrade - Active Transportation	6	2,500	\$7,250,000	0.34	0	0	1		7	Bottom 75%	Bottom 68%
2040	M	Strawberry Ln	Webster Rd to I-205	Add pedways	Urban	Urban Upgrade - Active Transportation	6	27,000	\$7,280,000	3.71	0	0	1		7	Bottom 75%	Bottom 68%
2043	M	View Acres Rd	Oatfield Rd to Hill Rd	Add pedways and traffic calming	Urban	Urban Upgrade - Active Transportation	5	2,500	\$7,170,000	0.35	0	0	2		7	Bottom 75%	Bottom 68%
2044	M	Torbank Rd	River Rd to Trolley Trail	Fill gaps in pedways	Urban	Urban Upgrade - Active Transportation	5	2,500	\$4,870,000	0.51	0	0	1		6	Bottom 75%	Bottom 68%
U152	M	Webster Rd	Webster Rd / Strawberry Ln intersection	Add signal; construct westbound left-turn lane	Urban	Urban Upgrade - Vehicle Capacity	6	35,000	\$490,000	71.43	-1	0	1		6	Bottom 75%	Bottom 68%
U146	M	Aldercrest Dr	Thiessen Rd to Oatfield Rd	Widen to standards with bikeways and pedways	Urban	Urban Upgrade	3	19,000	\$32,670,000	0.58	0	0	2		5	Bottom 75%	Bottom 68%
2023	M	McNary Rd / Mabel Ave	Oatfield Rd to Webster Rd	Add bikeways and pedways	Urban	Urban Upgrade - Active Transportation	4	2,500	\$10,440,000	0.24	0	0	1		5	Bottom 75%	Bottom 68%
1037	M	New Willamette River Bridge	Between Sellwood and Oregon City	Construct bike/ped crossing over the Willamette River	Urban	Bridge	4	15,000	\$10,130,000	1.48	0	0	1		5	Bottom 75%	Bottom 68%
U144	M	Oatfield Rd	Oatfield Rd / Concord Rd intersection	Widen, add turn lanes	Urban	Urban Upgrade - Vehicle Capacity	5	29,000	\$1,140,000	25.44	-1	0	1		5	Bottom 75%	Bottom 68%
U143	M	Oatfield Rd	Oatfield Rd / Hill Rd intersection	Add left-turn lanes, install signal if warranted	Urban	Urban Upgrade - Vehicle Capacity	5	29,000	\$2,447,880	11.85	-1	0	1		5	Bottom 75%	Bottom 68%
1084	M	Oatfield Ridge Connection	Between Jennings Ave and Thiessen Ave over Oatfield Ridge	Construct new single lane road with bikeways and pedways	Urban	New Roadway	3	1,000	\$2,050,000	0.49	0	0	2		5	Bottom 75%	Bottom 68%
1034	M	Kellogg and Mt. Scott Creeks	Multiple locations, specified in North Clackamas CPO recommendations	Provide multi-use path along Kellogg and Mt. Scott creeks with undercrossings under the bridges.	Urban	Multi-Use Path	3	15,000	\$8,370,000	1.79	0	0	1		4	Bottom 75%	Bottom 68%
1067	M	Oatfield Rd	Oatfield Rd	Provide center lane on Oatfield Rd	Urban	Urban Upgrade - Vehicle Capacity	4	29,000	\$33,320,000	0.87	-1	0	1		4	Bottom 75%	Bottom 68%
1038	M	Naef Rd	Naef Rd / Oatfield Rd connection	Open intersection of Naef Rd and Oatfield Rd to through traffic	Urban	Urban Upgrade - Vehicle Capacity	3	2,500	\$180,000	13.89	0	0	0		3	Bottom 75%	Bottom 68%
1039	M	Risley Ave	Risley Ave / Trolley Trail	Pave Risley Ave across the Trolley trail	Urban	Urban Upgrade - Vehicle Capacity	2	2,500	\$210,000	11.90	-1	0	0		1	Bottom 75%	Bottom 68%

**Total Cost** \$399,558,274  
**McLoughlin:**

TSP Update ID	Geographic Area	Project Name / Street Name	Segment / Locations	Project Description	Urban or Rural	Project Category	Total Goal Score	Future AADT	Planning Level Cost Estimate	Cost Effectiveness Factor	70% Growth Analysis Score	DTA Analysis Score	Addresses Identified Need	Synergy Score	Final Score	Rank within Geographpic Sub Area	Rank Countywide
U700	NW	Bonita	Carman Drive to I-5	Add bikeways	Urban	Urban Upgrade - Active Transportation	10	38,000	\$780,000	48.72	0	0	1		11	Top 12%	Top 6%
U177	NW	Stafford Rd	I-205 to Boeckman Rd (Advance Rd)	Widen to rural major arterial standard with shoulders, bikeways and turn lanes at major intersections	Rural	Rural Upgrade	8	71,000	\$22,780,000	3.12	1	0	2		11	Top 12%	Top 6%
U925	NW	French Prairie Bridge	Willamette River near I-5	Construct a bridge consistent with the Connecting Clackamas Plan	Urban	Bridge	8	15,000	\$9,790,000	1.53	0	0	2		10	Top 12%	Top 6%
U168	NW	Stafford Rd	Rosemont Rd to I-205	Widen to rural major arterial standard with shoulders, bikeways and turn lanes at major intersections	Rural	Rural Upgrade	7	87,000	\$27,580,000	3.15	1	0	2		10	Top 12%	Top 6%
U741	NW	Borland Rd	Stafford Rd to City of West Linn	Widen to rural collector standard with shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	7	65,000	\$37,490,000	1.73	0	0	2		9	Top 29%	Top 18%
U702	NW	Carman	Lake Oswego City Limits to I-5	Widen to two lane County standard and analyze for turn lanes; add bikeways and pedways	Urban	Urban Upgrade	8	58,000	\$10,250,000	5.66	-1	0	2		9	Top 29%	Top 18%
U173	NW	Rosemont Rd	Stafford Rd to Salamo Rd	Widen to rural minor arterial standard with shoulders, bikeways and turn lanes at major intersections	Rural	Rural Upgrade	7	60,000	\$35,360,000	1.70	-1	0	2		8	Top 29%	Top 32%
U169	NW	Stafford Rd	Stafford Rd / Childs Rd intersection	Install traffic signal and southbound and northbound turn lanes	Rural	Rural Upgrade - Vehicle Capacity	6	96,000	\$770,000	124.68	1	0	1		8	Top 29%	Top 32%
2094	NW	Stafford Rd	Rosemont Rd to Mountain Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Rural	Safety	7	96,000	\$50,000	1920.00	0	0	1		8	Top 29%	Top 32%
U737	NW	65th Ave	Stafford Rd to City of Tualatin	Widen to rural collector standard with shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	5	52,000	\$16,360,000	3.18	0	0	2		7	Bottom 71%	Bottom 68%
2034	NW	Graham's Ferry Rd	County boundary to Wilsonville Rd	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	6	29,000	\$11,770,000	2.46	0	0	1		7	Bottom 71%	Bottom 68%
2035	NW	Pleasant Hill Rd / McConnel	Ladd Hill Rd to Wilsonville Rd	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	6	25,000	\$15,400,000	1.62	0	0	1		7	Bottom 71%	Bottom 68%
2029	NW	Schatz Rd / 55th Ave / Merig	65th Ave to Stafford Rd	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	5	23,000	\$5,060,000	4.55	0	0	2		7	Bottom 71%	Bottom 68%
2036	NW	Bell Rd	Ladd Hill Rd to Wilsonville Rd	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	5	27,000	\$12,410,000	2.18	0	0	1		6	Bottom 71%	Bottom 68%
U167	NW	Borland Rd	65th Ave to Stafford Rd	Widen to rural minor arterial standard with shoulders, bikeways and turn lanes at major intersections	Rural	Rural Upgrade	5	79,000	\$24,110,000	3.28	-1	0	2		6	Bottom 71%	Bottom 68%
U752	NW	Johnson Rd	Stafford Rd to City of West Linn	Widen to rural collector standard with shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	4	10,000	\$18,890,000	0.53	0	0	2		6	Bottom 71%	Bottom 68%
U272	NW	Ladd Hill Rd	Wilsonville Rd to Washington County line	Widen to rural minor arterial standard with bikeways, shoulders and turn lanes at major intersections	Rural	Rural Upgrade	5	1,500	\$40,290,000	0.04	-1	0	2		6	Bottom 71%	Bottom 68%
2031	NW	Schaeffer Rd	Mountain Rd to Petes Mountain Rd	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	5	12,000	\$11,930,000	1.01	0	0	1		6	Bottom 71%	Bottom 68%
U926	NW	Tonquin Trail	Willamette River through Wilsonville	Construct multi-use path consistent with the Connecting Clackamas Plan	Urban	Multi-Use Path	5	15,000	\$8,650,000	1.73	0	0	1		6	Bottom 71%	Bottom 68%
2039	NW	Wisteria Rd / Woodbine Rd	Rosemont Rd to Johnson Rd	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	5	8,000	\$7,780,000	1.03	0	0	1		6	Bottom 71%	Bottom 68%
U180	NW	65th Ave	65th Ave / Elligsen Rd / Stafford Rd intersection	Construct roundabout	Rural	Rural Upgrade - Vehicle Capacity	3	58,000	\$5,550,000	10.45	1	0	1		5	Bottom 71%	Bottom 68%
2033	NW	Advance Rd	65th Ave to Mountain Rd	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	4	48,000	\$11,840,000	4.05	0	0	1		5	Bottom 71%	Bottom 68%
2037	NW	Baker Rd	McConnel Rd to County boundary	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	4	44,000	\$7,830,000	5.62	0	0	1		5	Bottom 71%	Bottom 68%
U462	NW	Childs Rd	Stafford Rd to 65th Ave	Reconstruct and widen to 3 lanes; add bikeways	Urban	Urban Upgrade	5	48,000	\$66,400,000	0.72	-1	0	1		5	Bottom 71%	Bottom 68%
2030	NW	Denevi Rd / Mountain Rd	Stafford Rd to Canby Ferry	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	4	29,000	\$18,150,000	1.60	0	0	1		5	Bottom 71%	Bottom 68%
2038	NW	Homesteader Rd	Stafford Rd to Mountain Rd	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	4	15,000	\$9,810,000	1.53	0	0	1		5	Bottom 71%	Bottom 68%
1077	NW	Advance Rd	65th Ave and Mountain Rd	Realign roadway and grade improvements	Rural	Rural Upgrade	3	25,000	\$2,180,000	11.47	0	0	1		4	Bottom 71%	Bottom 68%
2032	NW	Hoffman Rd / Peach Cove R	Mountain Rd to Tualatin River	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	3	29,000	\$8,250,000	3.52	0	0	1		4	Bottom 71%	Bottom 68%
U466	NW	Petes Mountain Rd	Willamette Falls Rd to Hoffman Rd	Widen to rural minor arterial standard with bikeways, shoulders and turn lanes at major intersections	Rural	Rural Upgrade	3	25,000	\$46,810,000	0.53	-1	0	2		4	Bottom 71%	Bottom 68%

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U922	NW	Tualatin / Lake Oswego Ped	Tualatin River Bridge	Construct a bridge consistent with the Connecting Clackamas Plan	Rural	Bridge	3	15,000	\$4,890,000	3.07	0	0	1		4	Bottom 71%	Bottom 68%
U273	NW	Wilsonville Rd	Wilsonville Rd / Edminston Rd intersection	Remove bank, remove horizontal curve, relocate intersection	Rural	Safety	2	1,500	\$3,130,000	0.48	0	0	1		3	Bottom 71%	Bottom 68%
1014	NW	Wilsonville Rd	Wilsonville Rd / Bell Rd intersection	Realign roadway and grade improvements	Rural	Rural Upgrade	2	31,000	\$3,300,000	9.39	0	0	0		2	Bottom 71%	Bottom 68%

**Total Cost Northwest County: \$505,640,000**

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U469	SW	Clackamas River Dr	Oregon City limits to Springwater Rd	Widen to minor arterial with pedways, bikeways, shoulders, and turn lanes at major intersections	Rural	Rural Upgrade	7	35,000	\$57,100,000	0.61	1	0	2		10	Top 13%	Top 6%
U190	SW	Hattan Rd	Fischers Mill Rd to Gronlund Rd	Widen to rural minor arterial standard with shoulders, bikeways and turn lanes at major intersections.	Rural	Rural Upgrade	9	38,000	\$37,340,000	1.02	-1	0	2		10	Top 13%	Top 6%
U197	SW	Redland Rd	Redland Rd / Holly Rd intersection	Install traffic signal and westbound and southbound left-turn lanes or roundabout	Urban	Urban Upgrade - Vehicle Capacity	8	60,000	\$1,340,000	44.78	1	0	1		10	Top 13%	Top 6%
U302	SW	Union Mills Rd	OR 213 to OR 211	Widen to rural minor arterial standard with shoulders, bikeways and turn lanes at major intersections	Rural	Rural Upgrade	7	33,000	\$47,930,000	0.69	1	0	2		10	Top 13%	Top 6%
U295	SW	Canby-Marquam Highway (C)	Canby-Marquam Hwy / Lone Elder Rd intersection	Reconstruct intersection; install northbound left-turn lane and southbound right-turn lane	Rural	Rural Upgrade - Vehicle Capacity	8	40,000	\$3,750,000	10.67	0	0	1		9	Top 13%	Top 18%
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	9	77,000	\$5,550,000	13.87	-1	0	1		9	Top 13%	Top 18%
U249	SW	Springwater Rd	Hattan Rd to Hayden Rd	Widen to rural arterial standard (2 lanes) with shoulders, bikeways and turn lanes at major intersections.	Rural	Rural Upgrade	8	29,000	\$144,530,000	0.20	-1	0	2		9	Top 13%	Top 18%
U276	SW	Airport Rd	Airport Rd / Miley Rd intersection	Realign, add turn lanes, install traffic signal	Rural	Rural Upgrade - Vehicle Capacity	6	81,000	\$5,550,000	14.59	1	0	1		8	Top 25%	Top 32%
U279	SW	Arndt Rd	OR 551 to Knights Bridge Rd	Widen to 4 lanes with median, left-turn lanes, shoulders and bikeways	Rural	Rural Upgrade	5	117,000	\$23,840,000	4.91	1	0	2		8	Top 25%	Top 32%
2806	SW	Arndt Rd Extension	Knights Bridge to OR 99E	Consturct new 5 lane roadway with pedways and bikeways	Rural	New Roadway	6	100,000	\$12,310,000	8.12	1	0	1		8	Top 25%	Top 32%
U738	SW	Barlow Rd	Knights Bridge Rd to OR 99E	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	7	58,000	\$5,400,000	10.74	0	0	1		8	Top 25%	Top 32%
U739	SW	Beavercreek Rd	Yeoman Rd/Steiner Rd to OR 211	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	7	15,000	\$47,550,000	0.32	0	0	1		8	Top 25%	Top 32%
U211	SW	Beavercreek Rd	Henrici Rd to Yeoman Rd/Steiner Rd	Bring up to County standards; widen to include shoulders, bikeways, pedways and turn lanes at major intersections	Rural	Rural Upgrade	7	42,000	\$15,840,000	2.65	-1	0	2		8	Top 25%	Top 32%
U746	SW	Fischers Mill Rd	Redland Rd to Springwater Rd	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	7	19,000	\$18,090,000	1.05	0	0	1		8	Top 25%	Top 32%
U203	SW	Fischers Mill Rd	Fischers Mill / Hattan Rd intersection	Reconstruct intersection; install eastbound left-turn lane	Rural	Rural Upgrade - Vehicle Capacity	7	46,000	\$4,880,000	9.43	0	0	1		8	Top 25%	Top 32%
U210	SW	Henrici Rd	OR 213 to Beavercreek Rd	Widen to rural minor arterial standard with shoulders, shoulders bikeways and turn lanes at major intersections.	Rural	Rural Upgrade	7	29,000	\$6,780,000	4.28	-1	0	2		8	Top 25%	Top 32%
U750	SW	Holly Ln	Maplelane Rd to Redland Rd	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	7	25,000	\$8,350,000	2.99	0	0	1		8	Top 25%	Top 32%
U754	SW	Maplelane Rd	Beavercreek Rd to Ferguson Rd	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	6	29,000	\$12,210,000	2.38	0	0	2		8	Top 25%	Top 32%
U304	SW	Meridian Rd	Meridian Rd / Whiskey Hill Rd intersection	Limit access/egress points to and from school on NE corner of intersection	Rural	Safety	7	15,000	\$200,000	75.00	0	0	1		8	Top 25%	Top 32%
U504	SW	Mulino Rd (13th St segment)	Canby City limits to OR 213	Widen to rural collector standard with shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	6	13,000	\$63,070,000	0.21	0	0	2		8	Top 25%	Top 32%
1047	SW	Redland Rd	Redland Rd and Springwater Rd	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	7	21,000	\$30,200,000	0.70	0	0	1		8	Top 25%	Top 32%
2084	SW	Redland Rd	Redland Rd / Springwater Rd intersection	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Rural	Safety	7	27,000	\$20,000	1350.00	0	0	1		8	Top 25%	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	7	44,000	\$80,000	550.00	0	0	1		8	Top 25%	Top 32%
U250	SW	Springwater Rd	Springwater Rd / Bakers Ferry Rd intersection	Install southbound left-turn lane; realign intersection to fix skew.	Rural	Rural Upgrade - Vehicle Capacity	7	54,000	\$5,350,000	10.09	0	0	1		8	Top 25%	Top 32%
U505	SW	Toliver Rd	Dryland Rd to Molalla City Limits	Add bikeways	Rural	Rural Upgrade - Active Transportation	7	2,500	\$2,770,000	0.90	0	0	1		8	Top 25%	Top 32%
U690	SW	1st St	Walnut St to Mulino Rd	Add bikeways	Rural	Rural Upgrade - Active Transportation	6	8,000	\$220,000	36.36	0	0	1		7	Bottom 75%	Bottom 68%
2085	SW	Beavercreek Rd	Ferguson Rd to Spangler Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Rural	Safety	6	29,000	\$80,000	362.50	0	0	1		7	Bottom 75%	Bottom 68%
U742	SW	Bradley Rd	Gronlund Rd to Redland Rd	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	6	25,000	\$12,300,000	2.03	0	0	1		7	Bottom 75%	Bottom 68%



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U269	SW	Casto Rd	Spangler Rd to Central Point Rd	Widen to rural minor arterial standard with shoulders, bikeways and turn lanes at major intersections.	Rural	Rural Upgrade	6	17,000	\$21,870,000	0.78	-1	0	2		7	Bottom 75%	Bottom 68%
U473	SW	Holcomb Blvd	Edenwild Ln to Bradley Rd	Widen to standard with shoulders, bikeways and turn lanes at major intersections	Rural	Rural Upgrade	6	10,000	\$11,150,000	0.90	-1	0	2		7	Bottom 75%	Bottom 68%
1066	SW	Logging Road Trail	Canby Ferry	Extend the Logging Rd Trail to the Canby Ferry	Rural	Multi-Use Path	6	15,000	\$430,000	34.88	0	0	1		7	Bottom 75%	Bottom 68%
2016	SW	Lone Elder Rd	County line to OR 170 (Canby-Marquam Hwy)	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	6	12,000	\$15,140,000	0.79	0	0	1		7	Bottom 75%	Bottom 68%
2076	SW	Maplelane Rd	Beavercreek Rd to Ferguson Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Rural	Safety	6	29,000	\$50,000	580.00	0	0	1		7	Bottom 75%	Bottom 68%
U755	SW	Miley Rd	Airport Rd to Eilers Rd	Widen to rural collector standard with shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	5	58,000	\$8,820,000	6.58	0	0	2		7	Bottom 75%	Bottom 68%
U920	SW	Newell Creek Trail / Oregon	Loop around the perimeter of Oregon City	Construct multi-use path consistent with the Connecting Clackamas Plan	Urban	Multi-Use Path	6	15,000	\$14,840,000	1.01	0	0	1		7	Bottom 75%	Bottom 68%
U322	SW	Nowlens Bridge Rd	OR 213 to Maple Grove Rd	Widen to rural minor arterial standard with shoulders, bikeways and turn lanes at major intersections	Rural	Rural Upgrade	6	4,000	\$29,340,000	0.14	-1	0	2		7	Bottom 75%	Bottom 68%
1088	SW	Passmore Rd	East of OR 213	Disconnect east of OR 213 (at school) and create cul-de-sac on western portion of roadway segment	Rural	Other (Road Closure)	6	2,500	\$10,000	250.00	0	0	1		7	Bottom 75%	Bottom 68%
U204	SW	Redland Rd	Redland Rd / Fischers Mill Rd / Henrici Rd intersection	Install eastbound left-turn lane and east and westbound right-turn lanes at Henrici Rd	Rural	Rural Upgrade - Vehicle Capacity	7	42,000	\$1,140,000	36.84	0	0	0		7	Bottom 75%	Bottom 68%
U262	SW	Redland Rd	Henrici Rd to Springwater Rd	Widen to rural minor arterial standard with shoulders, bikeways and turn lanes at major intersections	Rural	Rural Upgrade	6	21,000	\$105,360,000	0.20	-1	0	2		7	Bottom 75%	Bottom 68%
U199	SW	Redland Rd	Redland Rd / Ferguson Rd intersection	Construct roundabout	Rural	Rural Upgrade - Vehicle Capacity	5	60,000	\$5,550,000	10.81	1	0	1		7	Bottom 75%	Bottom 68%
U196	SW	Redland Rd	Bridge # 1215	Widen to include shoulders and bikeways	Urban	Urban Upgrade - Active Transportation	6	71,000	\$2,930,000	24.23	0	0	1		7	Bottom 75%	Bottom 68%
U195	SW	Redland Rd	Bridge # 1214	Widen to include shoulders and bikeways	Urban	Urban Upgrade - Active Transportation	6	71,000	\$4,210,000	16.86	0	0	1		7	Bottom 75%	Bottom 68%
2009	SW	S Bakers Ferry Rd	S Springwater Rd to S Eaden Rd	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	6	21,000	\$21,040,000	1.00	0	0	1		7	Bottom 75%	Bottom 68%
U270	SW	Spangler Rd	Casto Rd to Beavercreek Rd	Widen to rural minor arterial standard with shoulders, bikeways and turn lanes at major intersections	Rural	Rural Upgrade	4	10,000	\$51,140,000	0.20	1	0	2		7	Bottom 75%	Bottom 68%
U185	SW	Springwater Rd	Bridge #6512	Construct bridge to accommodate shoulders and bikeways	Rural	Bridge	6	54,000	\$3,630,000	14.88	0	0	1		7	Bottom 75%	Bottom 68%
2107	SW	Springwater Rd	Springwater Rd / Clackamas River Dr intersection	Install signal and second southbound left-turn lane on Clackamas River Dr	Rural	Rural Upgrade - Vehicle Capacity	5	133,000	\$770,000	172.73	1	0	1		7	Bottom 75%	Bottom 68%
U290	SW	Township Rd	Central Point Rd to Canby City limit	Widen to rural major arterial standard with shoulders, bikeways and turn lanes at major intersections	Rural	Rural Upgrade	6	19,000	\$19,430,000	0.98	-1	0	2		7	Bottom 75%	Bottom 68%
2078	SW	Upper Highland Rd	Beavercreek Rd to Lower Highland Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Rural	Safety	6	58,000	\$80,000	725.00	0	0	1		7	Bottom 75%	Bottom 68%
U277	SW	Airport Rd	Arndt Rd to Miley Rd	Add turn lanes at major intersections	Rural	Rural Upgrade - Vehicle Capacity	5	56,000	\$1,710,000	32.75	-1	0	2		6	Bottom 75%	Bottom 68%
U247	SW	Bakers Ferry Rd	Springwater Rd to OR 224	Widen to rural arterial standard (2 lanes) with shoulders, bikeways and turn lanes at major intersections; remove horizontal curve and relocate intersection from Eaden Rd to OR 224	Rural	Rural Upgrade	5	40,000	\$12,450,000	3.21	-1	0	2		6	Bottom 75%	Bottom 68%
2017	SW	Barnards Rd	Meridian Rd to OR 170 (Canby-Marquam Hwy)	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	5	2,500	\$15,630,000	0.16	0	0	1		6	Bottom 75%	Bottom 68%
2800	SW	Beavercreek multi-use path	Loder Rd to Ferguson Rd	Construct multi-use path consistent with the Beavercreek Road Concept Plan	Urban	Multi-Use Path	5	15,000	\$22,440,000	0.67	0	0	1		6	Bottom 75%	Bottom 68%
2077	SW	Beavercreek Rd	Lower Highland Rd to Butte Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Rural	Safety	5	15,000	\$50,000	300.00	0	0	1		6	Bottom 75%	Bottom 68%



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2108	SW	Beavercreek Rd	Beavercreek Rd / Maplelane Rd intersection	Add right-turn lanes on Beavercreek Rd, dual left-turn lane on northbound access	Urban	Urban Upgrade - Vehicle Capacity	4	81,000	\$2,280,000	35.53	1	0	1		6	Bottom 75%	Bottom 68%
U315	SW	Callahan Rd S (beginning on	Dickie Prairie Rd to Fernwood Rd	Widen to rural collector standard with shoulders, bikeways and turn lanes at major intersections	Rural	Rural Upgrade	5	1,500	\$16,710,000	0.09	-1	0	2		6	Bottom 75%	Bottom 68%
U784	SW	Canby - Molalla Railroad Trail		Construct multi-use path	Rural	Multi-Use Path	5	15,000	\$14,430,000	1.04	0	0	1		6	Bottom 75%	Bottom 68%
2012	SW	Carus Rd	Spangler Rd to Eldorado Rd	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	5	13,000	\$28,370,000	0.46	0	0	1		6	Bottom 75%	Bottom 68%
U267	SW	Central Point Rd	Parrish Rd to Mulino Rd	Add shoulders and bikeways, smooth curves	Rural	Rural Upgrade - Active Transportation	5	12,000	\$28,550,000	0.42	0	0	1		6	Bottom 75%	Bottom 68%
U186	SW	Forsythe Rd	Oregon City to Bradley Rd	Widen to 3 lanes; add shoulders and bikeways	Rural	Rural Upgrade	6	21,000	\$41,930,000	0.50	-1	0	1		6	Bottom 75%	Bottom 68%
U747	SW	Gray's Hill Rd	Green Mountain Rd to OR 211	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	5	2,500	\$9,720,000	0.26	0	0	1		6	Bottom 75%	Bottom 68%
U188	SW	Gronlund Rd / Hattan Rd	Bradley Rd to Springwater Rd	Widen to rural minor arterial standard with shoulders, bikeways and turn lanes at major intersections.	Rural	Rural Upgrade	5	50,000	\$16,350,000	3.06	-1	0	2		6	Bottom 75%	Bottom 68%
U475	SW	Henrici Rd	Beavercreek Rd to Redland Rd	Widen to rural minor arterial standard with shoulders, bikeways and turn lanes at major intersections. Remove horizontal and vertical curves, investigate 40 mph speed zone extension to east of Ferguson Rd	Rural	Rural Upgrade	5	33,000	\$55,670,000	0.59	-1	0	2		6	Bottom 75%	Bottom 68%
U285	SW	Holly Ave	Territorial Rd to Canby Ferry	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	5	1,500	\$8,620,000	0.17	0	0	1		6	Bottom 75%	Bottom 68%
2018	SW	Leland Rd	Oregon City to Beavercreek Rd	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	5	10,000	\$22,400,000	0.45	0	0	1		6	Bottom 75%	Bottom 68%
U300	SW	Macksburg Rd	OR 170 (Canby Marquam Hwy) to OR 213	Widen to rural minor arterial standard with shoulders, bikeways and turn lanes at major intersections	Rural	Rural Upgrade	5	15,000	\$66,120,000	0.23	-1	0	2		6	Bottom 75%	Bottom 68%
U303	SW	Meridian Rd	Elliott Prairie Rd to Barlow Rd	Widen shoulders and bikeways to County standard, remove or decrease horizontal and vertical curves, investigate speed zone	Rural	Rural Upgrade - Active Transportation	5	1,500	\$14,040,000	0.11	0	0	1		6	Bottom 75%	Bottom 68%
2015	SW	Meridian Rd	Lone Elder Rd or OR 211	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	5	15,000	\$29,000,000	0.52	0	0	1		6	Bottom 75%	Bottom 68%
U756	SW	Molalla Ave	OR 213 to Molalla City limits	Add shoulders and bikeways; fill ditches	Rural	Rural Upgrade - Active Transportation	4	38,000	\$7,980,000	4.76	0	0	2		6	Bottom 75%	Bottom 68%
2019	SW	New Era Rd	OR 99E to Leland Rd	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	5	12,000	\$22,640,000	0.53	0	0	1		6	Bottom 75%	Bottom 68%
U782	SW	Oregon City boundary to Mulino Trail		Construct multi-use path	Rural	Multi-Use Path	5	15,000	\$14,570,000	1.03	0	0	1		6	Bottom 75%	Bottom 68%
U198	SW	Redland Rd	Henrici Rd to Oregon City	Reconstruct and widen to include shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	5	58,000	\$81,500,000	0.71	0	0	1		6	Bottom 75%	Bottom 68%
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 only	Rural	Multi-Use Path	5	1,000	\$740,000	1.35	0	0	1		6	Bottom 75%	Bottom 68%
U264	SW	Unger Rd	Beavercreek Rd to OR 211	Widen to rural minor arterial standard with shoulders, bikeways and turn lanes at major intersections	Rural	Rural Upgrade	5	2,000	\$63,110,000	0.03	-1	0	2		6	Bottom 75%	Bottom 68%
U281	SW	Barlow Rd	Arndt Rd / Barlow Rd intersection	Realign intersection	Rural	Safety	4	60,000	\$3,230,000	18.58	0	0	1		5	Bottom 75%	Bottom 68%
U275	SW	Boones Ferry Rd	Boones Ferry Rd / Butteville Rd intersection	Remove bank, remove/decrease horizontal curve	Rural	Safety	4	4,000	\$4,020,000	1.00	0	0	1		5	Bottom 75%	Bottom 68%
U194	SW	Bradley Rd	Redland Rd to Holcomb Blvd	Widen to rural collector standard with shoulders, bikeways and turn lanes at major intersections	Rural	Rural Upgrade	4	21,000	\$10,010,000	2.10	-1	0	2		5	Bottom 75%	Bottom 68%
U317	SW	Dhooghe Rd	OR 211 to Fernwood Rd	Widen to rural minor arterial standard with shoulders, bikeways and turn lanes at major intersections	Rural	Rural Upgrade	4	1,500	\$37,640,000	0.04	-1	0	2		5	Bottom 75%	Bottom 68%
U299	SW	Dryland Rd	Macksburg Rd S to Macksburg Rd N	Realign to form one intersection at Dryland Rd	Rural	Rural Upgrade	5	25,000	\$3,400,000	7.35	-1	0	1		5	Bottom 75%	Bottom 68%
U189	SW	Hattan Rd	Hattan Rd / Gronlund Rd intersection	Install southbound right-turn lane	Rural	Rural Upgrade - Vehicle Capacity	4	87,000	\$570,000	152.63	0	0	1		5	Bottom 75%	Bottom 68%
U311	SW	Molalla Ave and Vaughan Rd	OR 213 to Molalla City limits	Bring section up to County standards for rural minor arterial with shoulders and bikeways	Rural	Rural Upgrade	4	38,000	\$22,750,000	1.67	-1	0	2		5	Bottom 75%	Bottom 68%

TSP Update ID	Geographic Area	Project Name / Street Name	Segment / Locations	Project Description	Urban or Rural	Project Category	Total Goal Score	Future AADT	Planning Level Cost Estimate	Cost Effectiveness Factor	70% Growth Analysis Score	DTA Analysis Score	Addresses Identified Need	Synergy Score	Final Score	Rank within Geographpic Sub Area	Rank Countywide
1065	SW	Molalla Forest Rd	City of Canby to City of Molalla	Pave to provide bicycle access	Rural	Multi-Use Path	4	15,000	\$28,930,000	0.52	0	0	1		5	Bottom 75%	Bottom 68%
U292	SW	Mulino Rd	Mulino Rd / 13th Ave	Relocate intersection to south away from railroad trestle, change stop control to 13th Ave	Rural	Other (Relocate Intersection)	4	10,000	\$3,070,000	3.26	0	0	1		5	Bottom 75%	Bottom 68%
U320	SW	Sawtell Rd	Maple Grove Rd to Wilhoit Rd	Widen to rural minor arterial standard with shoulders, bikeways and turn lanes at major intersections	Rural	Rural Upgrade	4	1,500	\$90,310,000	0.02	-1	0	2		5	Bottom 75%	Bottom 68%
U214	SW	South End Rd	Oregon City limits to OR 99E	Widen lanes and smooth curves; add shoulders and bikeways	Rural	Rural Upgrade	3	27,000	\$17,540,000	1.54	1	0	1		5	Bottom 75%	Bottom 68%
1050	SW	Union Hall Rd	Central Point Rd and El Dorado Rd	Reconstruct and widen roadway to shoulders	Rural	Rural Upgrade	3	1,500	\$11,770,000	0.13	0	0	2		5	Bottom 75%	Bottom 68%
U321	SW	Wildcat Rd	Wilhoit Rd to OR 213	Widen to rural minor arterial standard with shoulders, bikeways and turn lanes at major intersections	Rural	Rural Upgrade	4	2,500	\$68,920,000	0.04	-1	0	2		5	Bottom 75%	Bottom 68%
U314	SW	Wright Rd	Feyrer Park Rd to Callahan Rd	Widen to rural collector standard with shoulders and bikeways	Rural	Rural Upgrade	3	1,500	\$9,030,000	0.17	0	0	2		5	Bottom 75%	Bottom 68%
U265	SW	Beavercreek Rd	Beavercreek Rd / Leland Rd / Kamrath Rd intersection	Construct roundabout	Rural	Rural Upgrade - Vehicle Capacity	4	27,000	\$4,510,000	5.99	-1	0	1		4	Bottom 75%	Bottom 68%
U325	SW	Bird Rd	Groshong Rd to Wilhoit Rd	Widen to rural minor arterial standard with shoulders, bikeways and turn lanes at major intersections	Rural	Rural Upgrade	3	12,000	\$11,430,000	1.05	-1	0	2		4	Bottom 75%	Bottom 68%
U260	SW	Fellows Rd	Redland Rd to Lower Highland Rd	Widen to rural arterial standard (2 lanes) with shoulders, bikeways and turn lanes at major intersections.	Rural	Rural Upgrade	3	6,000	\$26,950,000	0.22	-1	0	2		4	Bottom 75%	Bottom 68%
1053	SW	Ferguson Rd	Beavercreek Rd and Henrici Rd	Reduce the speed limit and install traffic calming features	Rural	Other (Traffic Calming)	4	2,500	\$10,000	250.00	0	0	0		4	Bottom 75%	Bottom 68%
2020	SW	Forsythe Rd	Oregon City to Bradley Rd	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	3	21,000	\$13,900,000	1.51	0	0	1		4	Bottom 75%	Bottom 68%
U297	SW	Gard Rd	Bridge	Construct bridge to accommodate shoulders and bikeways	Rural	Bridge	4	1,500	\$3,570,000	0.42	0	0	0		4	Bottom 75%	Bottom 68%
U271	SW	Kamrath Rd	Carus Rd to Spangler Rd	Safety analysis at Carus Rd, widen lanes and shoulders to County standards, remove or decrease horizontal curves north of Spangler Rd	Rural	Rural Upgrade	2	25,000	\$4,140,000	6.04	0	0	2		4	Bottom 75%	Bottom 68%
U284	SW	Knights Bridge Rd	Knights Bridge Rd / Barlow Rd intersection	Remove vertical curve; improve drainage	Rural	Safety	3	75,000	\$2,150,000	34.88	0	0	1		4	Bottom 75%	Bottom 68%
U263	SW	Lower Highland Rd	Beavercreek Rd to Fellows Rd	Widen to rural minor arterial standard with shoulders, bikeways and turn lanes at major intersections	Rural	Rural Upgrade	3	6,000	\$63,340,000	0.09	-1	0	2		4	Bottom 75%	Bottom 68%
U326	SW	Maple Grove Rd	Nowlens Bridge Rd to Sawtell Rd	Widen to rural minor arterial standard with shoulders, bikeways and turn lanes at major intersections	Rural	Rural Upgrade	3	10,000	\$84,980,000	0.12	-1	0	2		4	Bottom 75%	Bottom 68%
U503	SW	Mattoon Rd	Fischers Mill Rd to Redland Rd	Widen to rural collector with shoulder / bikeway and turn lanes at major intersections. Remove vertical curves, remove horizontal curves north of Redland Rd	Rural	Rural Upgrade	3	10,000	\$22,090,000	0.45	-1	0	2		4	Bottom 75%	Bottom 68%
U261	SW	Ridge Rd	Lower Highland Rd to Redland Rd	Widen to rural collector standard with shoulders and bikeways	Rural	Rural Upgrade	2	12,000	\$22,290,000	0.54	0	0	2		4	Bottom 75%	Bottom 68%
U332	SW	Rock Creek (Kropf Rd) Bridge	Bridge	Replace bridge	Rural	Bridge	3	10,000	\$2,160,000	4.63	0	0	1		4	Bottom 75%	Bottom 68%
2021	SW	Thayer Rd/Ferguson Rd	Oregon City to Redland Rd	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	3	29,000	\$14,690,000	1.97	0	0	1		4	Bottom 75%	Bottom 68%
U334	SW	Trout Creek (Dickey Prairie)	Bridge	Replace bridge	Rural	Bridge	3	6,000	\$360,000	16.67	0	0	1		4	Bottom 75%	Bottom 68%
U306	SW	Barnards Rd	Bridge	Reconstruct bridge and widen to 36 feet	Rural	Bridge	2	2,500	\$3,560,000	0.70	0	0	1		3	Bottom 75%	Bottom 68%
U323	SW	Blair Rd	Groshong Rd to Maple Grove Rd	Widen to rural minor arterial standard with shoulders, bikeways and turn lanes at major intersections	Rural	Rural Upgrade	2	2,500	\$7,060,000	0.35	-1	0	2		3	Bottom 75%	Bottom 68%
1057	SW	Buckner Creek Rd	Gard Rd to Cochell Rd	Reconstruct and widen to County standards, including shoulders	Rural	Rural Upgrade	1	2,500	\$36,770,000	0.07	0	0	2		3	Bottom 75%	Bottom 68%
U316	SW	Fernwood Rd	Dhooghe Rd to Callahan Rd	Widen to rural minor arterial standard with shoulders, bikeways and turn lanes at major intersections	Rural	Rural Upgrade	2	1,500	\$15,250,000	0.10	-1	0	2		3	Bottom 75%	Bottom 68%

TSP Update ID	Geographic Area	Project Name / Street Name	Segment / Locations	Project Description	Urban or Rural	Project Category	Total Goal Score	Future AADT	Planning Level Cost Estimate	Cost Effectiveness Factor	70% Growth Analysis Score	DTA Analysis Score	Addresses Identified Need	Synergy Score	Final Score	Rank within Geographic Sub Area	Rank Countywide
U187	SW	Forsythe Rd	Forsythe Rd / Victory Rd intersection	Realign, widen Victory Rd and remove or decrease curves along Forsythe Rd; relocate intersection	Rural	Safety	2	21,000	\$3,070,000	6.84	0	0	1		3	Bottom 75%	Bottom 68%
2801	SW	Hult Rd	OR 211 to Unger Rd	Re-open and improve Hult Rd	Rural	Rural Upgrade	1	1,000	\$1,070,000	0.93	0	0	2		3	Bottom 75%	Bottom 68%
U318	SW	Klang's Mill bridge	Bridge	Construct 2-lane bridge	Rural	Bridge	2	2,500	\$1,620,000	1.54	0	0	1		3	Bottom 75%	Bottom 68%
U213	SW	Leland Rd	Bridge	Construct bridge to accommodate bikeways	Rural	Bridge	2	8,000	\$2,590,000	3.09	0	0	1		3	Bottom 75%	Bottom 68%
U212	SW	Maple Lane Rd	Bridge	Widen to include shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	2	21,000	\$4,000,000	5.25	0	0	1		3	Bottom 75%	Bottom 68%
U902	SW	Pudding River/Whiskey Hill	Bridge #01559	Replace bridge	Rural	Bridge	2	2,500	\$3,560,000	0.70	0	0	1		3	Bottom 75%	Bottom 68%
U201	SW	Redland Rd	Redland Rd / Bradley Rd intersection	Install eastbound left-turn lanes	Rural	Rural Upgrade - Vehicle Capacity	3	42,000	\$1,140,000	36.84	-1	0	1		3	Bottom 75%	Bottom 68%
1055	SW	Gribble Rd	Mark Rd and Dryland Rd	Reconstruct and widen to County standards	Rural	Rural Upgrade	1	2,500	\$9,210,000	0.27	0	0	1		2	Bottom 75%	Bottom 68%
U206	SW	Henrici Rd	Bridge	Widen bridge to accommodate shoulders, bikeways, and turn lanes at major intersections (U475)	Rural	Bridge	2	25,000	\$1,620,000	15.43	0	0	0		2	Bottom 75%	Bottom 68%
1074	SW	Clackamas River bridge	Blacy Rd and Palmer Rd	Construct bridge over Clackamas River	Rural	Bridge	-1	2,500	\$60,030,000	0.04	0	0	1		0	Bottom 75%	Bottom 68%
1068	SW	Ferguson Rd	Thayer Rd and Ferguson Rd	Extend Ferguson Rd at Thayer Rd to connect with Ferguson Rd to the south	Rural	New Roadway	0	4,000	\$5,790,000	0.69	0	0	0		0	Bottom 75%	Bottom 68%

Total Cost \$2,230,670,000  
 Southwest County:

Total Cost (Countywide):	\$4,829,531,616
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## Appendix C ODOT Projects

Note: AADT calculated based on 2035 PM volumes from metro model.

+1 : addresses deficiency	-1: not part of DTA recommendation	+2: addresses gap AND deficiency	To be completed at later stage of prioritization
-1 : does not address deficiency		+1: addresses gap OR deficiency	

1000 - 1999: Public Suggested Projects

2000 - 2999: New Identified Projects

U000 - U999: Previously Planned Projects

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

**Additional Scores**

TSP Update ID	Geographic Area	Project Name / Street Name	Segment / Locations	Project Description	Urban or Rural	Project Category	Jurisdiction	Total Goal Score	Future AADT	Planning Level Cost Estimate	Cost Effectiveness Factor	70% Growth Analysis Score	DTA Analysis Score	Addresses Identified Need	Synergy Score	Final Score
U531	SW	OR 211	Beavercreek Rd, Union Hall Rd to Dhooghe Rd	Widen to include shoulders, bikeways, add passing lanes where needed and turn lanes at major intersections	Rural	Rural Upgrade	ODOT	8	29,000	\$21,420,000	1.35	1	0	2		11
U427	E	OR 224	Eaglecreek / OR 224 intersection	Install signal	Rural	Rural Upgrade - Vehicle Capacity	ODOT	9	77,000	\$200,000	385.00	1	0	1		11
U535	E	OR 211	Tickle Creek Rd to 362nd Dr	Widen roadway to include bikeways /shoulders and add passing /climbing lanes where needed	Rural	Rural Upgrade	ODOT	9	48,000	\$13,560,000	3.54	0	0	2		11
U534	E	OR 211	0.14 miles east of Coop Rd to Jacknife Rd	Widen to add shoulder / bikeways; realign to remove horizontal and vertical curves	Rural	Rural Upgrade	ODOT	8	35,000	\$1,230,000	28.46	0	0	2		10
U533	E	OR 211	Eagle Creek Rd to Tickle Creek Rd	Widen roadway to include bikeways /shoulders and add passing /climbing lanes where needed	Rural	Rural Upgrade	ODOT	8	33,000	\$21,110,000	1.56	0	0	2		10
1004	CRC	OR 99E	OR 99E / Jennings Ave intersection	Determine safe connection of Trolley Trail at OR 99E / Jennings Ave intersection	Urban	Multi-Use Path	ODOT	9	121,000	\$100,000	1210.00	0	0	1		10
1018	CRC	I-205 / OR 212/224 Interchange	In vicinity of Roots Rd and McKinley Ave	Connect bikeways	Urban	Urban Upgrade - Active Transportation	ODOT	9	94,000	\$70,000	1342.86	0	0	1		10
U106	CRC	OR 213	Clatsop St to Sunnyside Rd	Widen to add sidewalks, lighting, central median, planting strips and landscaping; fill gaps in the bike and ped network	Urban	Urban Upgrade - Active Transportation	ODOT	9	106,000	\$8,500,000	12.47	0	0	1		10
1006	SW	OR 213	OR 213 / Carus Rd intersection	Install traffic signal to replace existing two-way stop	Rural	Rural Upgrade - Vehicle Capacity	ODOT	9	87,000	\$200,000	435.00	0	0	0		9
2118	CRC	OR 224	OR 224 / Lake Rd / Webster Rd intersection	Add second left-turn lane on westbound OR 224	Urban	Urban Upgrade - Vehicle Capacity	ODOT	7	154,000	\$1,410,000	109.22	1	0	1		9
2119	CRC	OR 224	OR 224 / Johnson Rd intersection	Add second left-turn lane on westbound OR 224	Urban	Urban Upgrade - Vehicle Capacity	ODOT	7	192,000	\$2,250,000	85.33	1	0	1		9
U912	CRC	I-205 Multi-Use Path Connection	Between Sunnyside Rd and Sunnybrook Blvd	Construct ADA compliant access to the commercial area from the I-205 Multi-Use Path	Urban	Multi-Use Path	ODOT	8	15,000	\$140,000	107.14	0	0	1		9
U407	M	OR 99E (McLoughlin Blvd)	Milwaukie City limit to Gladstone City limit	Add bikeways, pedways, median enhancements, crosswalks and pedestrian refuges	Urban	Urban Upgrade - Active Transportation	ODOT	8	106,000	\$42,600,000	2.49	0	0	1		9
U547	E	OR 224	Bakers Ferry Rd to Estacada city limits	Widen roadway to include shoulders and bikeways; add passing lanes where needed	Rural	Rural Upgrade	ODOT	7	77,000	\$54,970,000	1.40	0	0	2		9
2080	SW	OR 99E	Sequoia Prkwy to Lone Elder Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Rural	Safety	ODOT	8	100,000	\$80,000	1250.00	0	0	1		9
2082	SW	OR 170	OR 99E to Macksburg Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Rural	Safety	ODOT	8	40,000	\$60,000	666.67	0	0	1		9
2086	M	OR 99E	Park Ave to bridge across the Clackamas River	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Urban	Safety	ODOT	8	106,000	\$150,000	706.67	0	0	1		9
2089	CRC	OR 213 (82nd Ave)	Luther Road to Sunnybrook Blvd	Perform road safety audit or transportation safety review to identify appropriate safety improvements for the corridor	Urban	Safety	ODOT	8	104,000	\$90,000	1155.56	0	0	1		9
2093	CRC	OR 212	I-205 to OR 224	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Urban	Safety	ODOT	8	92,000	\$120,000	766.67	0	0	1		9
2110	SW	OR 213	OR 213 / Leland Rd intersection	Add northbound through auxiliary lane	Rural	Rural Upgrade - Vehicle Capacity	ODOT	7	102,000	\$570,000	178.95	1	0	1		9

TSP Update ID	Geographic Area	Project Name / Street Name	Segment / Locations	Project Description	Urban or Rural	Project Category	Jurisdiction	Total Goal Score	Future AADT	Planning Level Cost Estimate	Cost Effectiveness Factor	70% Growth Analysis Score	DTA Analysis Score	Addresses Identified Need	Synergy Score	Final Score
U444	E	OR 224	Bakers Ferry Rd / OR 224 intersection	Add eastbound right-turn lane	Rural	Rural Upgrade - Vehicle Capacity	ODOT	8	73,000	\$290,000	251.72	0	0	1		9
U915	CRC	OR 224	Rock Creek Junction to Carver Bridge	Widen to four lanes with turn lanes at intersections to Carver Bridge. Add bikeways. Add pedways over the bridge and into Carver.	Urban	Urban Upgrade	ODOT	6	106,000	\$29,240,000	3.63	1	0	2		9
U418	CRC	Tolbert St Overcrossing	82nd Dr to Industrial Way	Construct new 2 lane overcrossing with bikeways and pedways	Urban	New Roadway	ODOT	7	3,000	\$9,210,000	0.33	0	0	2		9
U904	CRC	Sunrise Multi-use Path	I-205 to Rock Creek Junction	Construct multi-use path to / from I-205 paralleling the Sunrise project	Urban	Multi-Use Path	ODOT	8	15,000	\$1,210,000	12.40	0	0	1		9
U441	SW	OR 213	Leland Rd / Union Hall Rd intersection	Add southbound auxiliary lane	Rural	Rural Upgrade - Vehicle Capacity	ODOT	7	102,000	\$570,000	178.95	1	0	0		8
2053	CRC	OR 224	Milwaukie City limits to I-205	Fill gaps in pedways or construct multi-use path as parallel route to OR 224	Urban	Urban Upgrade - Active Transportation	ODOT	7	127,000	\$5,870,000	21.64	0	0	1		8
2105	E	OR 212	OR 212 /282nd Ave intersection	Add second right-turn lane on 282nd	Rural	Rural Upgrade - Vehicle Capacity	ODOT	6	90,000	\$570,000	157.89	1	0	1		8
U659	CRC	OR 213	OR 213 / Johnson Creek Blvd intersection	Extend westbound left-turn lane and rebuild median	Urban	Urban Upgrade - Vehicle Capacity	ODOT	8	96,000	\$570,000	168.42	-1	0	1		8
U671	CRC	OR 213	Sunnybrook Blvd to Portland City Limits	Extend fiberoptic communications, CCTV at key intersections and adaptive signal timing	Urban	ITS	ODOT	7	100,000	\$924,300	108.19	0	0	1		8
2013	SW	OR 211	OR 170 (Canby-Marquam Hwy) to City of Molalla	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	ODOT	7	19,000	\$15,560,000	1.22	0	0	1		8
U423	CRC	OR 212	SE 162nd to Anderson Rd	Add bikeways, pedways, and landscaped buffer; widen to 6 lanes within Happy Valley; add center turn lane within Damascus	Urban	Urban Upgrade	ODOT	5	127,000	\$66,880,000	1.90	1	0	2		8
U532	E	OR 211	Hayden Rd to OR 224	Widen to rural arterial standard with shoulders, bikeways and turn lanes at major intersections.	Rural	Rural Upgrade	ODOT	7	15,000	\$6,740,000	2.23	-1	0	2		8
1000	CRC	OR 224	Milwaukie Expressway/ Rusk Rd off-ramp	Extend right-turn lane on Milwaukie Expressway	Urban	Safety	ODOT	7	131,000	\$290,000	451.72	0	0	1		8
1007	SW	OR 213	OR 213 / Spangler Rd intersection	Install traffic signal to replace existing two-way stop	Rural	Rural Upgrade - Vehicle Capacity	ODOT	6	81,000	\$200,000	405.00	1	0	1		8
2064	E	OR 211	OR 224 to eastbound US 26	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Rural	Safety	ODOT	7	40,000	\$110,000	363.64	0	0	1		8
2065	E	US 26	Kelso Rd to Duncan Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Rural	Safety	ODOT	7	150,000	\$30,000	5000.00	0	0	1		8
2066	E	US 26	Duncan Rd to Langensand Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Rural	Safety	ODOT	7	125,000	\$50,000	2500.00	0	0	1		8
2067	E	US 26	Firwood Rd to Sleepy Hollow Dr	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Rural	Safety	ODOT	7	65,000	\$140,000	464.29	0	0	1		8
2071	E	OR 224	232nd Ave to OR 211	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Rural	Safety	ODOT	7	77,000	\$80,000	962.50	0	0	1		8
2074	SW	OR 213	Molalla Ave to S Spangler Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Rural	Safety	ODOT	7	106,000	\$80,000	1325.00	0	0	1		8
2075	SW	OR 213	Graves Rd to OR 211	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Rural	Safety	ODOT	7	58,000	\$90,000	644.44	0	0	1		8
2081	SW	OR 99E	Territorial Rd to the Metro boundary	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Rural	Safety	ODOT	7	117,000	\$80,000	1462.50	0	0	1		8
U772	SW	OR 211	Molalla city limits to Estacada city limits	Widen to rural arterial standard (2 lanes) with shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	ODOT	6	29,000	\$277,770,000	0.10	0	0	2		8
U773	CRC	OR 212	Armstrong Cr to US 26	Add shoulders and bikeways	Urban	Urban Upgrade - Active Transportation	ODOT	6	115,000	\$32,600,000	3.53	0	0	2		8
U774	SW	OR 213	Oregon City boundary to Marion County line	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	ODOT	7	61,000	\$23,470,000	2.60	0	0	1		8
U454	E	US 26	US 26 / Firwood Rd intersection	Add eastbound right-turn lane	Rural	Rural Upgrade - Vehicle Capacity	ODOT	7	71,000	\$290,000	244.83	0	0	0		7



TSP Update ID	Geographic Area	Project Name / Street Name	Segment / Locations	Project Description	Urban or Rural	Project Category	Jurisdiction	Total Goal Score	Future AADT	Planning Level Cost Estimate	Cost Effectiveness Factor	70% Growth Analysis Score	DTA Analysis Score	Addresses Identified Need	Synergy Score	Final Score
2079	SW	OR 211	Beavercreek Rd to Upper Highland Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Rural	Safety	ODOT	6	17,000	\$150,000	113.33	0	0	1		7
2109	SW	OR 213	OR 213 / Henrici Rd intersection	Install traffic signal or roundabout	Rural	Rural Upgrade - Vehicle Capacity	ODOT	5	115,000	\$5,550,000	20.72	1	0	1		7
2111	SW	OR 99E	OR 99E / Barlow Rd intersection	Add left-turn lane on southbound Barlow Rd	Rural	Rural Upgrade - Vehicle Capacity	ODOT	5	77,000	\$570,000	135.09	1	0	1		7
2121	CRC	OR 224	OR 224 / Hubbard Rd / 135th Ave intersection	Add intersection improvements, including right-turn lanes	Urban	Urban Upgrade - Vehicle Capacity	ODOT	5	100,000	\$860,000	116.28	1	0	1		7
U443	CRC	OR 224	Springwater Rd / OR 224 intersection	Add signal and turn lanes on all approaches	Urban	Urban Upgrade - Vehicle Capacity	ODOT	5	106,000	\$1,060,000	100.00	1	0	1		7
U445	E	OR 224	Amisigger Rd / OR 224 intersection	Install traffic signal; add southbound and eastbound left-turn lanes and westbound right-turn lane	Rural	Rural Upgrade - Vehicle Capacity	ODOT	6	85,000	\$1,340,000	63.43	0	0	1		7
U449	SW	OR 99E	OR 99E / Barlow Rd intersection	Add dual left-turn lanes on southbound Barlow	Rural	Rural Upgrade - Vehicle Capacity	ODOT	5	77,000	\$570,000	135.09	1	0	1		7
2014	SW	OR 170 (Canby-Marquam Hwy)	City of Canby to OR 211	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	ODOT	6	23,000	\$20,900,000	1.10	0	0	1		7
U775	E	OR 224	OR 212 to City of Estacada	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	ODOT	6	77,000	\$59,760,000	1.29	0	0	1		7
1061	E	OR 211	Bornstedt Rd to City of Sandy	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	ODOT	5	19,000	\$3,390,000	5.60	0	0	2		7
2070	E	OR 211	OR 224 to Hillcockburn Rd	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Rural	Safety	ODOT	6	15,000	\$80,000	187.50	0	0	1		7
2083	SW	OR 213	OR 213 / Beavercreek Rd intersection	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Urban	Safety	ODOT	6	162,000	\$30,000	5400.00	0	0	1		7
2106	E	OR 224	OR 224 / 232nd Ave intersection	Install traffic signal or roundabout	Rural	Rural Upgrade - Vehicle Capacity	ODOT	5	58,000	\$5,550,000	10.45	1	0	1		7
U298	SW	OR 170 (Canby-Marquam Highway)	OR 170 / Macksburg Rd intersection	Reconstruct intersection; install southbound left-turn lane and northbound right-turn lane	Rural	Rural Upgrade - Vehicle Capacity	ODOT	6	35,000	\$3,750,000	9.33	0	0	1		7
U310	SW	OR 170 (Canby Marquam Hwy)	Bridge	Construct major arterial 2-lane bridge with shoulders and bikeways	Rural	Bridge	ODOT	6	23,000	\$5,580,000	4.12	0	0	1		7
U529	SW	OR 211	Marion County line to OR 170 (Canby-Marquam Hwy)	Widen to include shoulders, bikeways, add passing lanes where needed and turn lanes at major intersections	Rural	Rural Upgrade	ODOT	6	12,000	\$31,490,000	0.38	-1	0	2		7
U635	E	US 26	OR 35 Junction to Wasco County line	Widen roadway to include bikeways /shoulders, add passing lanes where needed and turn lanes at major intersections	Rural	Rural Upgrade	ODOT	6	2,500	\$187,090,000	0.01	-1	0	2		7
U442	SW	OR 213	Carus Rd / OR 213 intersection	Install southbound left-turn and right-turn lanes	Rural	Rural Upgrade - Vehicle Capacity	ODOT	6	88,000	\$1,140,000	77.19	0	0	0		6
U087	CRC	Johnson Creek Blvd	I-205 / Johnson Creek Blvd interchange	Add loop ramp and northbound on-ramp; realign southbound off-ramp	Urban	Urban Upgrade - Vehicle Capacity	ODOT	6	212,000	\$9,800,000	21.63	-1	0	1		6
2068	E	US 26	Rhododendron to OR 35	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Rural	Safety	ODOT	5	17,000	\$180,000	94.44	0	0	1		6
U394	CRC	OR 213	OR 213 / Harmony Rd / Sunnyside Rd intersection	Add bikeways, pedways, traffic signals and lighting	Urban	Urban Upgrade	ODOT	6	117,000	\$4,450,000	26.29	-1	0	1		6
1082	CRC	OR 224 (Milwaukie Expressway)	Webster Rd and 82nd Ave	Provide frontage connection on the north side of OR 244	Urban	Urban Upgrade - Vehicle Capacity	ODOT	5	200,000	\$12,710,000	15.74	0	0	1		6
2010	SW	OR 99E	Oregon City to Canby	Add shoulders and bikeways	Rural	Rural Upgrade - Active Transportation	ODOT	5	108,000	\$17,180,000	6.29	0	0	1		6
U446	E	OR 224	Heiple Rd / OR 224 intersection	Add southbound right-turn lane	Rural	Rural Upgrade - Vehicle Capacity	ODOT	5	48,000	\$290,000	165.52	0	0	0		5
2122	CRC	OR 212	OR 212 / 172nd Ave intersection	Add second eastbound left-turn lane	Urban	Urban Upgrade - Vehicle Capacity	ODOT	5	138,000	\$1,140,000	121.05	-1	0	1		5
U339	SW	OR 213	Macksburg Rd to Liberal Way	Widen shoulders to state standards	Rural	Rural Upgrade - Active Transportation	ODOT	4	58,000	\$1,160,000	50.00	0	0	1		5



TSP Update ID	Geographic Area	Project Name / Street Name	Segment / Locations	Project Description	Urban or Rural	Project Category	Jurisdiction	Total Goal Score	Future AADT	Planning Level Cost Estimate	Cost Effectiveness Factor	70% Growth Analysis Score	DTA Analysis Score	Addresses Identified Need	Synergy Score	Final Score
U457	E	US 26	US 26 / Brightwood Loop E	Add westbound right-turn lane	Rural	Rural Upgrade - Vehicle Capacity	ODOT	4	17,000	\$290,000	58.62	0	0	1		5
U536	CRC	OR 212	Rock Creek Junction to Damascus	Construct climbing lane	Urban	Urban Upgrade - Vehicle Capacity	ODOT	5	35,000	\$1,390,000	25.18	-1	0	1		5
U559	SW	I-205	Willamette River to West Linn City boundary	Add southbound truck climbing lane	Urban	Urban Upgrade - Vehicle Capacity	ODOT	3	219,000	\$10,000,000	21.90	1	0	1		5
U544	CRC	OR 224	Springwater Rd to 232nd Dr	Shoulder widening, horizontal realignment, realignment of roadway to bluff	Rural	Safety	ODOT	3	54,000	\$24,550,000	2.20	0	0	2		5
U580	CRC	OR 212	Sunrise JTA mainline to 257th Ave	Widen to 4 lanes with bike lanes, planted median and turn pockets at signalized locations.	Urban	Urban Upgrade	ODOT	4	115,000	\$118,510,266	0.97	-1	0	2		5
U634	E	US 26	Govt. Camp Loop W to Warm Springs Hwy	Widen to four lanes with median, add left-turn lanes, widen shoulders	Rural	Rural Upgrade - Vehicle Capacity	ODOT	4	17,000	\$18,050,000	0.94	-1	0	2		5
U918	NW	OR 43 South	West Linn to Lake Oswego	Implement the OR 43 design plan for an active transportation corridor consistent with the Connecting Clackamas Plan	Urban	Rural Upgrade - Active Transportation	ODOT	4	77,000	\$46,100,000	1.67	0	0	1		5
1020	E	OR 211	OR 211 / Judd Rd intersection	Realign roadway	Rural	Safety	ODOT	4	38,000	\$3,700,000	10.27	0	0	1		5
2072	E	OR 224	Fish Creek Rd to National Forest Rd 46	Perform road safety audit or transportation safety review to identify appropriate safety improvements	Rural	Safety	ODOT	4	1,500	\$170,000	8.82	0	0	1		5
U424	SW	OR 211	Dhooghe Rd / OR 211 intersection	Remove or decrease horizontal curve, relocate intersection	Rural	Safety	ODOT	4	17,000	\$1,540,000	11.04	0	0	1		5
U431	SW	OR 211	OR 170 (Canby-Marquam Hwy) / OR 211 intersection	Install eastbound and westbound left-turn lanes, and eastbound right-turn lane; remove or decrease horizontal curve	Rural	Rural Upgrade - Vehicle Capacity	ODOT	5	19,000	\$2,680,000	7.09	-1	0	1		5
U450	E	OR 211	362nd Dr / OR 211 intersection	Remove or decrease vertical curve and remove vegetation	Rural	Safety	ODOT	4	44,000	\$3,230,000	13.62	0	0	1		5
U467	SW	OR 211	Needy Rd to 0.6 miles west of Needy Rd	Remove or decrease vertical curve to allow passing zone, add passing lane in one or both directions, possible relocation of intersection	Rural	Safety	ODOT	4	15,000	\$3,480,000	4.31	0	0	1		5
U605	SW	OR 99E	Pudding River Bridge	Replace bridge	Rural	Bridge	ODOT	4	56,000	\$18,720,000	2.99	0	0	1		5
1100	E	US 26	US 26 / Haley Rd intersection	Install traffic signal	Rural	Rural Upgrade - Vehicle Capacity	ODOT	4	152,000	\$200,000	760.00	0	0	0		4
U551	SW	OR 99E	Barlow Rd to Marion County line	Four lane widening with median, left-turn lanes from mile post 24.05	Rural	Rural Upgrade - Vehicle Capacity	ODOT	5	81,000	\$14,790,000	5.48	-1	0	0		4
U109	CRC	OR 213	Sunnyside Rd to Sunnybrook Rd	Widen to 7 lanes with boulevard treatments	Urban	Urban Upgrade	ODOT	5	121,000	\$5,320,000	22.74	-1	-1	1		4
U389	CRC	OR 212	OR 212 / SE 162nd Ave intersection	Add left-turn pockets and traffic signal	Urban	Urban Upgrade - Vehicle Capacity	ODOT	4	29,000	\$770,000	37.66	-1	0	1		4
U456	E	US 26	US 26 / Brightwood Loop W	Add westbound right-turn lane	Rural	Rural Upgrade - Vehicle Capacity	ODOT	3	17,000	\$290,000	58.62	0	0	1		4
U520	E	US 26	Lolo Pass Rd to Govt. Camp Loop Rd. W	Widen to 4 lanes with left-turn lanes, add passing/climbing lanes and westbound right-turn lane at Lolo Pass	Rural	Rural Upgrade - Vehicle Capacity	ODOT	4	17,000	\$58,520,000	0.29	-1	0	1		4
U558	SW	I-205	I-205 Corridor	Corridor-wide operational improvements	Urban	Urban Upgrade	ODOT	3	173,000	\$251,641,528	0.69	0	0	1		4
U907	CRC	Sunrise JTA	I-205 to 122nd Ave / OR 212/224	Construct improvements consistent with the supplemental EIS, 2-lane mainline; new O'Xing of I-205 connecting 82nd Ave with 82nd Dr; add UPRR viaduct, preliminary engineering at 162nd and OR 212	Urban	New Roadway	ODOT	3	163,000	\$130,000,000	1.25	0	0	1		4
U917	NW	OR 43	Lake Oswego to Portland	Develop active transportation connection consistent with the Connecting Clackamas Plan	Urban	Rural Upgrade - Active Transportation	ODOT	3	115,000	\$7,960,000	14.45	0	0	1		4
U916	CRC	Sunrise Parkway	Rock Creek Junction to US 26	Preliminary engineering and Environmental Impact Statement (EIS)	Urban	Other	ODOT	2	163,000	\$10,000,000	16.30	0	0	2		4
U425	E	OR 211	Tickle Creek Rd/OR 211 intersection	Remove or decrease horizontal curve, relocate intersection	Rural	Safety	ODOT	3	46,000	\$2,100,000	21.90	0	0	0		3
U619	CRC	Sunrise Corridor Unit 2	172nd Ave to US 26	Construct new 4 lane roadway with interchanges	Urban	New Roadway	ODOT	1	2,500	\$250,550,000	0.01	0	0	2		3
U905	CRC	Sunrise Phase 1 Preliminary Engineering	Webster Rd/ OR 224 to 172nd Ave / OR 212	Preliminary engineering and Environmental Impact Statement (EIS) from Webster Rd to 172nd Ave	Urban	Other	ODOT	2	163,000	\$37,500,000	4.35	0	0	1		3
U019	CRC	Sunrise Phase 2 Construction	I-205 to 172nd Ave	Construct improvements in the Sunrise corridor consistent with the supplemental EIS	Urban	Urban Upgrade	ODOT	1	163,000	\$250,000,000	0.65	0	0	1		2

TSP Update ID	Geographic Area	Project Name / Street Name	Segment / Locations	Project Description	Urban or Rural	Project Category	Jurisdiction	Total Goal Score	Future AADT	Planning Level Cost Estimate	Cost Effectiveness Factor	70% Growth Analysis Score	DTA Analysis Score	Addresses Identified Need	Synergy Score	Final Score
U906	CRC	Sunrise Phase 1 Right-of-Way	Webster Rd/ OR 224 to 172nd Ave / OR 212	Acquire right-of-way to accommodate six through lane expressway plus auxiliary lanes	Urban	Other	ODOT	1	163,000	\$170,000,000	0.96	0	0	1		2
1011	E	US 26	US 26 / Haley Rd intersection	Install traffic signal, prohibit left-turns off US 26, install ramp over US 26 for left-turns	Rural	Rural Upgrade - Vehicle Capacity	ODOT	1	152,000	\$875,000,000	0.17	0	0	0		1
1058	E	OR 224	In Mount Hood National Forest	Pave 8 additional miles east into Mount Hood National Forest	Rural	New Roadway	US Forest Service	-1	15,000	\$58,360,000	0.26	0	0	0		-1
1075	E	OR 224	OR 224 and US 26	Extend OR 224 to US 26 via Skyline Road	Rural	New Roadway	US Forest Service	-1	2,500	\$55,120,000	0.05	0	0	0		-1

**Total Cost: \$3,448,046,094**

## Appendix D Transit Projects

# Master Project List - Transit Projects

2/12/2013

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	Project Category
2102	CRC	Sunnybrook Blvd	I-205 to Harmony Rd	Encourage transit agency to establish transit service	Transit
2103	CRC	142nd Ave	Sunnyside Rd to OR 212	Encourage transit agency to establish transit service	Transit
2104	CRC	Jennifer St	82nd Dr to OR 212	Encourage transit agency to establish transit service	Transit
2123	CRC	Johnson Creek Blvd	County boundary to 82nd Ave	Encourage transit agency to establish transit service	Transit
1022	E	OR 224	Burnett	Provide a park and ride facility	Transit
1031	E	OR 224	OR 224 / Eagle Creek Rd intersection	Provide a park and ride facility	Transit
1060	E	362nd, OR 211 and Proctor	362nd, OR 211 and Proctor	Bus route to connect with SAM in Sandy.	Transit
2098	E	Timberline Community	Timberline Community	Provide park and ride locations in rural centers	Transit
2099	E	Welches Community	Welches Community	Provide park and ride locations in rural centers	Transit
2100	E	Zig Zag Community	Zig Zag Community	Provide park and ride locations in rural centers	Transit
1002	M	Willamette River	Between McLoughlin Blvd and Portland	Provide water transport options	Transit
1003	M	Willamette River	Not specified	Provide more water transport options on Willamette River	Transit
1041	M	Lake Rd and River Rd	Lake Rd and River Rd	Evaluate transit service improvements	Transit
1069	M	OR 99E	Park Ave to River Rd	Provide high speed bus service	Transit
1071	M	River Rd	Oak Grove Blvd and Park Ave light rail station	Provide shuttle services to Park Ave Station along River Rd	Transit
1085	M	McLoughlin Blvd	Park Ave to Oregon City	Provide light rail service	Transit
1026	SW	City of Molalla	City of Molalla	Provide a Park and Ride facility	Transit
1027	SW	Mulino	OR 213 and Mulino	Provide a Park and Ride facility	Transit
1028	SW	OR 213	Macksburg Rd / OR 213	Provide a Park and Ride facility	Transit
1029	SW	OR 213	Carus Rd / OR 213	Provide a Park and Ride facility	Transit
1030	SW	OR 213	OR 213 / Henrici Rd	Provide a Park and Ride facility	Transit
2101	SW	Beavercreek Rd		Provide park and ride location and connect to existing bus service	Transit