

2018 Regional Transportation Plan Excerpts: TSMO Network Map and Projects

The purpose of this document is to share information from the 2018 Regional Transportation Plan that is specific to projects that were proposed at that time. Many of these projects were submitted by cities and counties around the region. Projects submitted by Metro are meant to capture a range of TSMO projects that may be carried out by any partner implementing TSMO. Due to space constraints, some 2018 RTP project descriptions are incomplete (tables start on page 4). To read more, use the RTP ID from the table to search for the project in this map tool: <https://www.arcgis.com/apps/webappviewer/index.html?id=73e94a0343ea487e82b4830fead7c88e&extent=-13751666.1848%2C5656339.7069%2C-13586562.2037%2C5748675.6371%2C102100>

All partners working on project development should consider how these projects implement the 2021 TSMO Strategy and integrate racial equity by applying the Equity Tree.

You can view the primary regional data sources used to understand outcomes across 2018 RTP policies for equity, safety and more using interactive map tools. You will find maps for Equity Focus Areas, Crashes, Bikes, Pedestrians, Freight, RTP Projects, 2040 Design Types and Job/Housing. View the maps here: <https://drcmetro.maps.arcgis.com/home/item.html?id=e182fcc5c7bc40f7b0decddb0a346473>

Additional information for federal performance-based planning and congestion management process documentation can be found on Appendix L of the 2018 Regional Transportation Plan, located here: https://www.oregonmetro.gov/sites/default/files/2019/05/28/RTP-Appendix_L_CMP_RoadmapFinal20181206_updated_safety_tables.pdf

If you have any questions, please contact Metro TSMO Program Manager Caleb Winter: caleb.winter@oregonmetro.gov

Transportation System Management and Operations Network

Figure 3.28 Transportation System Management and Operations Network Map

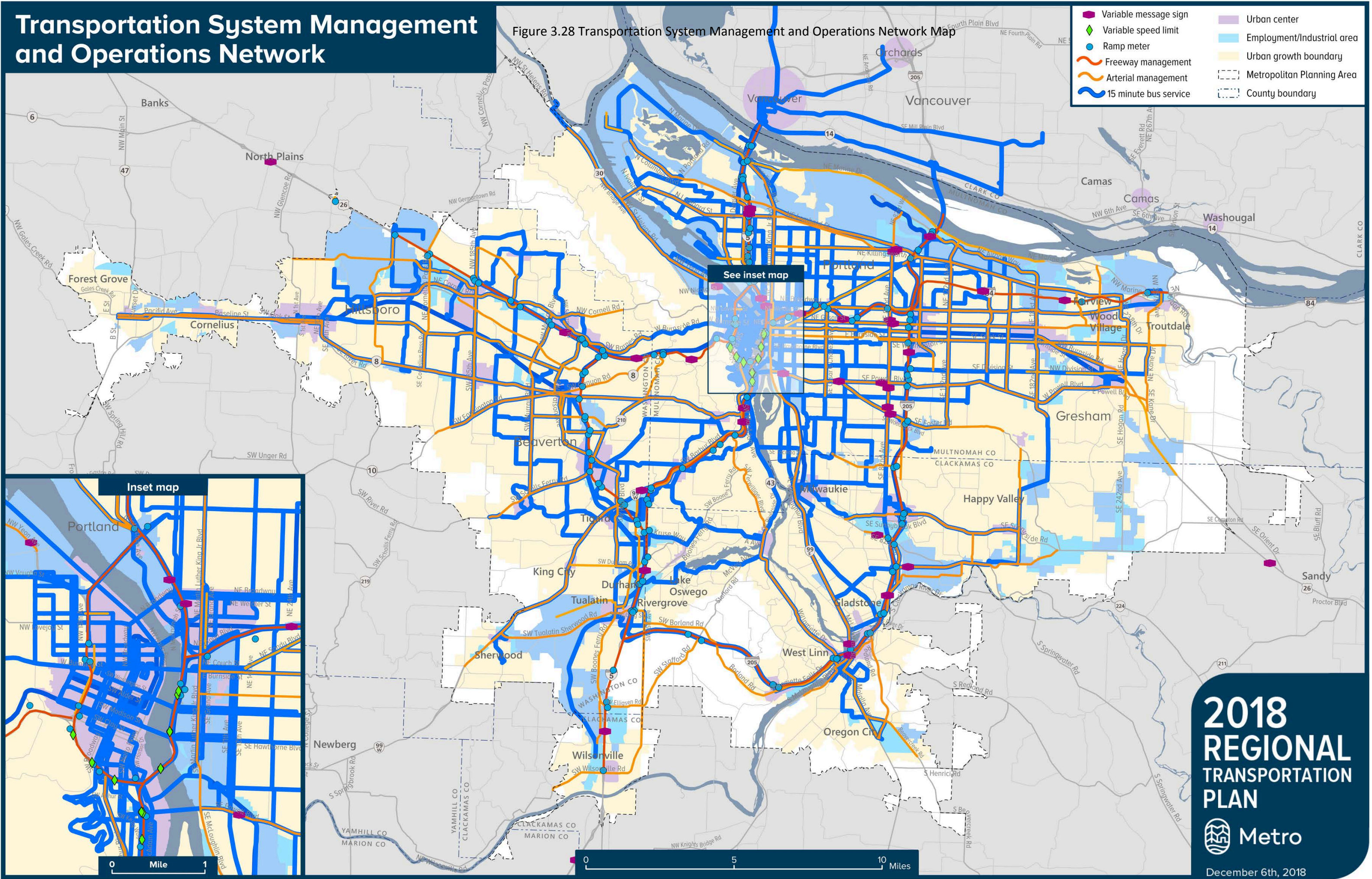
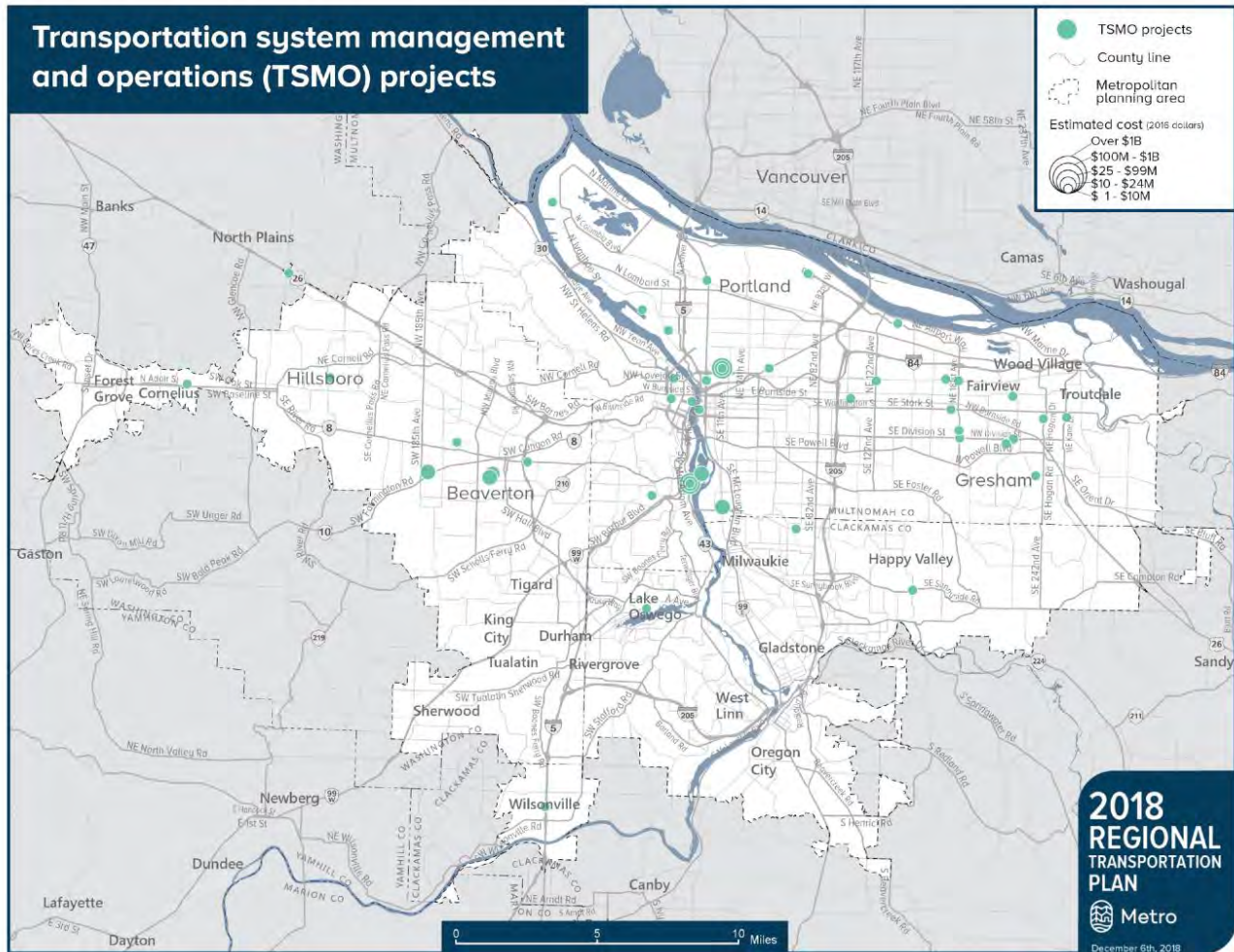


Figure 6.27 shows the general location of Constrained RTP TSMO projects.

Figure 6.27 Greater Portland region: Map of Constrained RTP transportation system management projects



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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
	RTP Investment Category	County	Nominating Agency	Primary Facility Owner	RTP ID	Project Name	Start Location	End Location	Description	Estimated Cost (2016 dollars)	Time Period	Financially Constrained project list	Source of cost estimate	Safety Benefit	Freight Benefit	Designated on Regional High Injury Corridor (2018)	RTP Equity Focus Area
1																	
2	Transportation System Management	Clackamas County	Clackamas County	Clackamas County	11762	Sunnyside Road Adaptive Signal Control Phase II	132nd Ave	172nd Ave	Install adaptive signal control at major intersections from 132nd Ave to 172nd Ave and upgrade ADA accessibility features as necessary.	\$ 2,600,000	2018-2027	Yes	Conceptual cost estimate	Yes	No	No	Yes
3	Transportation System Management	Clackamas County	Clackamas County	Clackamas County	11766	Johnson Creek/Linwood Ave ITS Improvements	Johnson Creek Blvd/Linewood Ave Intersection	NA	Implement proven safety counter measures by adding intelligent transportation system improvements at the intersection of Johnson Creek Blvd and Linwood Ave to provide warnings and special phasing for bicyclists and pedestrians. Include ADA accessibility improvements as necessary.	\$ 1,000,000	2018-2027	Yes	Conceptual cost estimate	Yes	No	Yes	Yes
4	Transportation System Management	Clackamas County	Lake Oswego	Lake Oswego	11934	City-wide Traffic Signal/ITS Improvements	Citywide	NA	Deploy traffic responsive signal timing & traffic management equipment for better routing of multi-modal traffic. Install traffic signals, communications, ped and vehicle detection components, and perform controller upgrades to align with County ITS plan.	\$ 2,900,000	2018-2027	Yes	Engineer's estimate	Yes	Not eval.	Not eval.	Not eval.
5	Transportation System Management	Multnomah County	Portland	Portland	10174	Going to the River ITS	Swan Island Industrial Area	Swan Island Industrial Area	Signal-timing project to improve access to and from Swan Island Industrial area.	\$ 1,000,000	2018-2027	Yes	Engineer's estimate	No	No	No	Yes
6	Transportation System Management	Multnomah County	Portland	Portland	10198	122nd Ave Corridor ITS Improvements	NE Airport Way	SE Powell Blvd	Install ITS infrastructure (communication network, enhanced bus detection, truck priority detection, Bluetooth detection, CCTV cameras, and vehicle /pedestrian detectors). These ITS devices allow us to provide more efficient and safe operation of our traffic signal system consistent with our policies of moving people and goods more effectively.	\$ 3,000,000	2018-2027	Yes	Conceptual cost estimate	Yes	No	Yes	Yes
7	Transportation System Management	Multnomah County	Portland	Portland	10213	Airport Way ITS	I-205	NE 158th Ave	Install ITS infrastructure (communication network, enhanced bus detection, truck priority detection, Bluetooth detection, CCTV cameras, and vehicle /pedestrian detectors). These ITS devices allow us to provide more efficient and safe operation of our traffic signal system consistent with our policies of moving people and goods more effectively.	\$ 1,500,000	2018-2027	Yes	Conceptual cost estimate	Yes	Yes	Yes	No
8	Transportation System Management	Multnomah County	Portland	Portland	10264	Central City Traffic Transportation System Management	Central City	Central City	Implement Central City TSM improvements to arterials.	\$ 3,240,930	2028-2040	Yes	Planning-level estimate	Yes	No	No	Yes
9	Transportation System Management	Multnomah County	Portland	Portland	10266	I-405 Corridor ITS Improvements	SW Clay	NW Glisan	ITS improvements at six signals between Clay and Glisan including communications infrastructure; closed circuit TV cameras, variable message signs for remote monitoring and control of traffic flow.	\$ 1,000,000	2028-2040	Yes	Conceptual cost estimate	Yes	Yes	Yes	Yes
10	Transportation System Management	Multnomah County	Portland	Portland	10301	Sandy Blvd ITS	NE Couch St	NE 82nd Ave	Install ITS infrastructure (communication network, enhanced bus detection, truck priority detection, Bluetooth detection, CCTV cameras, and vehicle /pedestrian detectors). These ITS devices allow us to provide more efficient and safe operation of our traffic signal system consistent with our policies of moving people and goods more effectively.	\$ 1,000,000	2018-2027	Yes	Conceptual cost estimate	Yes	No	Yes	Yes

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11	Transportation System Management	Multnomah County	Portland	Portland	10327	Gateway Regional Center TSM	Gateway Regional Center, NE/SE	Gateway Regional Center, NE/SE	Implement a comprehensive traffic management plan throughout the regional center to reduce cut-through traffic on residential streets and improve traffic flow on regional streets. Project includes utility improvements.	\$ 1,944,558	2028-2040	Yes	Planning-level estimate	No	No	No	Yes
12	Transportation System Management	Multnomah County	Portland	Portland	10342	Columbia Blvd Corridor ITS Improvements	N Burgard St	NE Killingsworth St	Corridor ITS Improvements to improve freight operations. Communications infrastructure including closed circuit TV cameras, truck priority detection, variable message signs for remote monitoring and control of traffic flow for six signals.	\$ 5,000,000	2018-2027	Yes	Conceptual cost estimate	Yes	Yes	Yes	Yes
13	Transportation System Management	Multnomah County	Portland	Portland	10346	Marine Drive ITS	N Portland Rd.	NE 185th Ave.	Install ITS infrastructure (communication network, enhanced bus detection, truck priority detection, Bluetooth detection, CCTV cameras, and vehicle /pedestrian detectors). These ITS devices allow us to provide more efficient and safe operation of our traffic signal system consistent with our policies of moving people and goods more effectively.	\$ 1,500,000	2028-2040	Yes	Conceptual cost estimate	Yes	Yes	Yes	No
14	Transportation System Management	Multnomah County	Portland	Portland	10373	Rivergate ITS	N Lombard St	Rivergate Industrial Area	Install ITS infrastructure (communication network, enhanced bus detection, truck priority detection, Bluetooth detection, CCTV cameras, and vehicle /pedestrian detectors). These ITS devices allow us to provide more efficient and safe operation of our traffic signal system consistent with our policies of moving people and goods more effectively.	\$ 1,000,000	2018-2027	Yes	Conceptual cost estimate	No	Yes	No	Yes
15	Transportation System Management	Multnomah County	Gresham	Gresham	11252	Halsey - 162nd to 181st: Arterial Corridor Management w/Transit Signal Priority	162nd	181st	Install upgraded traffic signal controllers, establish communications to the central traffic signal system, provide arterial detection (including bicycle detection where appropriate) and routinely update signal timings. Provide realtime and forecasted traveler information on arterial roadways including current roadway conditions, congestion information, travel times, incident information, construction work	\$ 5,208,700	2028-2040	Yes	Planning-level estimate	No	No	Yes	Yes
16	Transportation System Management	Multnomah County	Gresham	Gresham	11253	Stark - 162nd to 190th: Arterial Corridor Management, Signal Upgrades	162nd	190th	Install upgraded traffic signal controllers, establish communications to the central traffic signal system, provide arterial detection (including bicycle detection where appropriate) and routinely update signal timings. Provide realtime and forecasted traveler information on arterial roadways including current roadway conditions, congestion information, travel times, incident information, construction work	\$ 3,826,800	2028-2040	Yes	Planning-level estimate	No	No	Yes	Yes

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1	RTP Investment Category	County	Nominating Agency	Primary Facility Owner	RTP ID	Project Name	Start Location	End Location	Description	Estimated Cost (2016 dollars)	Time Period	Financially Constrained project list	Source of cost estimate	Safety Benefit	Freight Benefit	Designated on Regional High Injury Corridor (2018)	RTP Equity Focus Area
17	Transportation System Management	Multnomah County	Gresham	Gresham	11255	Division - City Limit to 190th: ACM Signal Upgrades	City Limits	190th	Install upgraded traffic signal controllers, establish communications to the central traffic signal system, provide arterial detection (including bicycle detection where appropriate) and routinely update signal timings. Provide realtime and forecasted traveler information on arterial roadways including current roadway conditions, congestion information, travel times, incident information, construction work zones, current weather conditions and other events that may affect traffic conditions.	\$ 1,000,000	2018-2027	Yes	Planning-level estimate	No	No	Yes	Yes
18	Transportation System Management	Multnomah County	Gresham	Gresham	11256	Division - Birdsdale to US 26: Adaptive Signals + Transit Priority	Birdsdale	US 26	Includes the ACM with both adaptive signal timing and transit priority treatment.	\$ 2,232,300	2028-2040	Yes	Planning-level estimate	No	No	Yes	Yes
19	Transportation System Management	Multnomah County	Gresham	Gresham	11261	181st/182nd - Glisan to Powell: ACM with Transit Priority Treatment	Glisan	Powell	Includes the ACM project with transit signal priority added to traffic signals along a facility.	\$ 4,252,000	2018-2027	Yes	Planning-level estimate	No	Yes	Yes	Yes
20	Transportation System Management	Multnomah County	Gresham	Gresham	11262	181st - Glisan to I-84: ACM with Adaptive Signal Timing and Transit Priority Treatment	I-84	Glisan	Provide real time and forecasted traveler information on arterial roadways including current roadway conditions, congestion information, travel times, incident information, construction work zones, current weather conditions and other events that may affect traffic conditions. Transit/Enhanced Transit Corridor supportive project.	\$ 3,933,100	2018-2027	Yes	Planning-level estimate	No	Yes	Yes	Yes
21	Transportation System Management	Multnomah County	Gresham	Gresham	11264	US 26 - Portland to Gresham: Roadside Travel Time Information	Portland	Gresham	Provide real time traveler information on westbound US 26 for different routes (arterial and freeway) between Portland and	\$ 1,169,300	2018-2027	Yes	Planning-level estimate	No	Yes	Yes	Yes
22	Transportation System Management	Multnomah County	Multnomah County	Multnomah County	11299	257th/Kane Dr.: Arterial Corridor Management (ACM) w/ Adaptive Signal Timing	I-84	Orient Dr.	Install upgraded traffic signal controllers, establish communications to the central traffic signal system, provide arterial detection (including bicycle detection where appropriate) and routinely update signal timings. Provide realtime and forecasted traveler information on arterial roadways including current roadway conditions, congestion information, travel times, incident information, construction work	\$ 2,976,400	2028-2040	Yes	Conceptual cost estimate	Yes	Yes	Yes	Yes
23	Transportation System Management	Multnomah County	Multnomah County	Multnomah County	11300	238th/242nd Ave/Hogan Dr.: ACM with Adaptive Signal Timing	Sandy	Palmquist	Improve arterial corridor operations by expanding traveler information and upgrading traffic signal equipment and timings and making intersection improvements to lanes - Includes the ACM project with signal systems that	\$ 4,889,800	2028-2040	Yes	Conceptual cost estimate	No	Yes	Yes	Yes
24	Transportation System Management	Multnomah County	Portland	Portland	11562	Swan Island ITS	Swan island Industrial Area	Swan Island Industrial Area	Signal-timing project to improve access to and from Swan Island Industrial area. Install ITS communication infrastructure including advance notification systems for rail blockage and CCTV cameras to monitor truck and rail traffic in the South Rivergate	\$ 1,000,000	2018-2027	Yes	Engineer's estimate	No	No	No	No
25	Transportation System Management	Multnomah County	Portland	Portland	11791	NW Northrup Traffic Signals	NW 11th Ave.	NW 16th Ave.	Construct traffic signals along Northrup at 11th, 12th, 13th, 14th, and 16th to improve traffic flow and transit operations.	\$ 2,000,000	2028-2040	Yes	Planning-level estimate	No	No	No	Yes
26	Transportation System Management	Multnomah County	Portland	Portland	11794	Grand/MLK Lloyd District Traffic Signals	NE Lloyd Blvd	NE Broadway	Construct traffic signals along Grand/MLK couplet in the Lloyd District.	\$ 2,000,000	2028-2040	Yes	Planning-level estimate	No	No	Yes	Yes

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27	Transportation System Management	Multnomah County	Portland	Portland	11796	Going St Connected/Automated Vehicle Connection	Swan Island Industrial Area	I-5	Design and construct a Connected/Automated Vehicle connection between Swan Island and I-5.	\$ 5,000,000	2028-2040	Yes	Conceptual cost estimate	No	Yes	No	Yes
28	Transportation System Management	Multnomah County	Portland	ODOT	11826	Barbur Blvd ITS	I-405	Portland City Limits	Install ITS infrastructure (communication network, enhanced bus detection and queue jumps, truck priority detection, Bluetooth detection, CCTV cameras, and vehicle /pedestrian detectors).	\$ 1,500,000	2028-2040	Yes	Conceptual cost estimate	Yes	No	Yes	Yes
29	Transportation System Management	Multnomah County	Portland	ODOT	11839	Water/Yamhill Traffic Signal	SE Water and Yamhill	SE Water and Yamhill	Construct traffic signal at Water/Yamhill to improve safety and capacity at freeway off-ramp.	\$ 1,000,000	2018-2027	Yes	Planning-level estimate	Yes	No	No	Yes
30	Transportation System Management	Multnomah County	Portland	Portland	12086	Portland Arterial Network TSM Improvements	Citywide	Citywide	Implement Transportation System Management (TSM) improvements on arterial streets to better manage traffic flow and provide greater priority to transit and freight movement.	\$ 25,000,000	2028-2040	Yes	Conceptual cost estimate	No	Yes	Not eval.	Not eval.
31	Transportation System Management	Washington County	Washington County	Washington County	10605	Washington County ITS (Phase 1)	N/A	N/A	Install advanced traffic management systems including adaptive signals, retrofit ADA ramps at traffic signals, communications, dynamic messaging signs, and surveillance and management equipment.	\$ 10,600,000	2018-2027	Yes	Conceptual cost estimate	No	No	Not eval.	Not eval.
32	Transportation System Management	Washington County	Beaverton	Beaverton	10642	Adaptive Traffic Signal Systems	Allen Boulevard, Cedar Hills Boulevard, Hall Boulevard, and Farmington Road/Beaverton-Hillsdale Highway	Allen Boulevard, Cedar Hills Boulevard, Hall Boulevard, and Farmington Road/Beaverton-Hillsdale Highway	New signals and signal upgrades.	\$ 10,600,000	2018-2027	Yes	Planning-level estimate	Yes	Not eval.	Not eval.	Not eval.
33	Transportation System Management	Washington County	Washington County	ODOT	11454	Jackson School Road Traffic Signal	US 26 and Jackson School Road		Signalize ramp intersections. The project or a portion of the project is outside the designated urban growth boundary.	\$ 1,100,000	2028-2040	Yes	Conceptual cost estimate	No	Yes	No	No
34	Transportation System Management	Washington County	Washington County	Washington County	11475	Washington County ITS (Phase 2)	N/A	N/A	Install advanced traffic management systems including adaptive signals, retrofit ADA ramps at traffic signals, communications, dynamic messaging signs, and surveillance and management equipment.	\$ 10,500,000	2028-2040	Yes	Conceptual cost estimate	No	No	Not eval.	Not eval.
35	Transportation System Management	Washington County	Beaverton	ODOT, Beaverton	11894	Farmington Road/Beaverton-Hillsdale Highway Transportation System Management	Murray Boulevard	Scholls Ferry Road	Combine and or close approximately 100 driveways, and upgrade/add approximately 19 adaptive traffic signals.	\$ 3,300,000	2018-2027	Yes	Planning-level estimate	Yes	No	Yes	Yes
36	Transportation System Management	Washington County	Hillsboro	Hillsboro	11931	Communications (ITS) Projects	N/A	N/A	Install fiber, ITS, and other communications equipment and devices for improved signal coordination.	\$ 4,000,000	2028-2040	Yes	Conceptual cost estimate	No	Not eval.	Not eval.	Not eval.

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37	Transportation System Management	Region-wide	Metro	Metro	11104	Regional TSMO Program Investments for 2018-2027	Region-wide	Region-wide	Implement and maintain Transportations System Management and Operations (TSMO) investments used by multiple agencies (e.g., Central Signal System, traffic signal priority, data communications and archiving) and coordinate response to crashes. The regional program also includes strategy planning (e.g., periodic TSMO Strategy updates), coordination of activities for TransPort subcommittee to TPAC, updates to the blueprints for agency software and hardware systems (ITS Architecture), improving traveler information with live-streaming data for connected vehicle and mobile information systems (TripCheck Traveler Information	\$ 7,727,000	2018-2027	Yes	Conceptual cost estimate	No	Not eval.	Not eval.	Not eval.
38	Transportation System Management	Region-wide	ODOT	ODOT	11584	Active Traffic Management (ATM) & Connected & Automated Vehicles (CAV) Region-wide Phase 1	Region-wide	Region-wide	Deploy ATM recommendations from the ODOT Active Traffic Management Strategy. Specific projects to be determined. Deploy Connected, Automated and Electric Vehicle strategies.	\$ 20,000,000	2028-2040	Yes	Planning-level estimate	No	Not eval.	Not eval.	Not eval.
39	Transportation System Management	Region-wide	Metro	Metro	12013	Regional TSMO Program Investments for 2028-2040	Region-wide	Region-wide	Implement and maintain Transportations System Management and Operations (TSMO) investments used by multiple agencies (e.g., Central Signal System, traffic signal priority, data communications and archiving) and coordinate response to crashes. The regional program also includes strategy planning (e.g., periodic TSMO Strategy updates), coordination of activities for TransPort subcommittee to TPAC, updates to the blueprints for agency software and hardware systems (ITS Architecture), improving traveler information with live-streaming data for connected vehicle and mobile information systems (TripCheck Traveler Information Portal Enhancement), and improving “big data” processing (PSU PORTAL) to support analyzing performance measures.	\$ 10,045,000	2028-2040	Yes	Conceptual cost estimate	Yes	Not eval.	Not eval.	Not eval.
40	Transportation System Management	Region-wide	Metro	To be determined	12024	Regional TSMO Corridors Priority Investments for 2018-2027	Region-wide	Region-wide	Through the regional TSMO program, provide funding for operators to work together to deploy safe, integrated corridor management with advanced technology in regional mobility corridors including decision support systems, real-time traveler information on route choice and estimated travel time that uses a variety of data sensors, software and systems (e.g., smart mobility hubs, internet of things, connected and automated vehicles). This also includes deployment of innovative technology systems, automated corridor management, and other active traffic management strategies.	\$ 7,727,000	2018-2027	Yes	Conceptual cost estimate	Not eval.	Not eval.	Not eval.	Not eval.

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1	Transportation System Management	Region-wide	Metro	To be determined	12025	Regional TSMO Corridors Priority Investments for 2028-2040	Region-wide	Region-wide	Through the regional TSMO program, provide funding for operators to work together to deploy safe, integrated corridor management with advanced technology in regional mobility corridors including decision support systems, real-time traveler information on route choice and estimated travel time that uses a variety of data sensors, software and systems (e.g., smart mobility hubs, internet of things, connected and automated vehicles). This also includes deployment of innovative technology systems, automated corridor management, and other active traffic management strategies.	\$ 10,045,000	2028-2040	Yes	Conceptual cost estimate	Not eval.	Not eval.	Not eval.	Not eval.
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1																	
2	Transportation System Management	Clackamas County	Oregon City	Oregon City	11630	City Wide Transportation System Management & Operations	Citywide	N/A	Blvd traffic surveillance, integrated corridor management, weather information systems, advanced warning systems, speed warning systems, school zone flashers. (TSP D2-D6, D9, D10, D13-D26)	\$ 5,500,000	2028-2040	No	Conceptual cost estimate	Yes	No	No	Yes
3	Transportation System Management	Multnomah County	Multnomah County	Multnomah County	11297	NE 207th Ave.: Arterial Corridor Management (ACM)	Sandy	Glisan	Install upgraded traffic signal controllers, establish communications to the central traffic signal system, provide arterial detection (including bicycle detection where appropriate) and routinely update signal timings. Provide realtime and forecasted traveler information on arterial roadways including current roadway conditions, congestion information, travel times, incident information, construction work zones, current weather conditions and other events that may affect traffic conditions.	\$ 1,647,650	2028-2040	No	Conceptual cost estimate	No	Yes	Yes	Yes
4	Transportation System Management	Washington County	Washington County	Washington County	11446	Washington County ITS/TSMO (Strategic)	County-wide	County-wide	Conduct project development, preliminary/system engineering, design, construct, and integrate the following ITS projects Countywide on key freight, transit, and commuter corridors: Advanced Traffic Controllers, Next-Generation Emergency Vehicle Preemption & Transit Signal Priority, Traffic Signal Modernization, Roadside Connected Vehicle & Internet of Things System, Autonomous Vehicle Enabling Systems, Automated Traffic Signal Performance System, Traffic Incident Management.	\$ 16,000,000	2028-2040	No	Conceptual cost estimate	Yes	No	Yes	Yes
5	Transportation System	Washington County	Washington County	N/A	11970	Transit Priority on Frequent Service Routes (Washington	County-wide	County-wide	Provide queue jumps, signal preemption for frequent service routes.	\$ 50,000,000	2028-2040	No	Conceptual cost estimate	No	Not eval.	Not eval.	Not eval.
6	Transportation System Management	Region-wide	ODOT	ODOT	11980	Active Traffic Management (ATM) and Connected and Automated Vehicles (CAV) Region-wide Phase 2	Region-wide	Region-wide	Deploy ATM recommendations from the ODOT Active Traffic Management Strategy. Perform enhancements to existing infrastructure and deploy new infrastructure to support CAV applications. Specific projects to be determined.	\$ 10,000,000	2028-2040	No	Conceptual cost estimate	No	Not eval.	Not eval.	Not eval.

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1																	
7	Transportation System Management	Region-wide	Metro	Metro	12014	Additional Regional TSMO Program Investments for 2028-2040	Region-wide	Region-wide	Implement and maintain Transportations System Management and Operations (TSMO) investments used by multiple agencies (e.g., Central Signal System, traffic signal priority, data communications and archiving) and coordinate response to crashes. The regional program also includes strategy planning (e.g., periodic TSMO Strategy updates), coordination of activities for TransPort subcommittee to TPAC, updates to the blueprints for agency software and hardware systems (ITS Architecture), improving traveler information with live-streaming data for connected vehicle and mobile information systems (TripCheck Traveler Information Portal Enhancement), and improving “big data” processing (PSU PORTAL) to support analyzing performance measures.	\$ 17,773,000	2028-2040	No	Conceptual cost estimate	Yes	Not eval.	Not eval.	Not eval.
8	Transportation System Management	Region-wide	Metro	To be determined	12026	Additional Regional TSMO Corridors Priority Investments for 2028-2040	Region-wide	Region-wide	Through the regional TSMO program, provide funding for operators to work together to deploy safe, integrated corridor management with advanced technology in regional mobility corridors including decision support systems, real-time traveler information on route choice and estimated travel time that uses a variety of data sensors, software and systems (e.g., smart mobility hubs, internet of things, connected and automated vehicles). This also includes deployment of innovative technology	\$ 17,773,000	2028-2040	No	Conceptual cost estimate	No	Not eval.	Not eval.	Not eval.