

The 2012-15 Metropolitan Transportation Improvement Program (MTIP) includes all federally funded transportation projects in the Portland Metropolitan area. For the past several funding cycles, the region has funded the *Regional Transportation System Management and Operations (TSMO) Program* to support investments that better manage the transportation system. TransPort, a regional committee of transportation operating agencies directs the sub allocation of these funds using the *Regional TSMO Plan, adopted in June 2010*, as its guide.

The Regional TSMO Plan recognizes two levels of projects. *Regional Projects* focus on programs and studies that benefit all modes of travel by improving traveler information, supporting necessary transportation operations infrastructure, and laying the groundwork for future projects. *Corridor Projects* focus on operations infrastructure enhancements.

2012-2015 MTIP – Funded TSMO Regional Projects

| Project | Lead Agency | MTIP Funded Amount | Status |
|---|-------------|--------------------|--------------------|
| Multimodal Arterial Performance Management Regional Concept of Operations <i>Prepare concept of operations for automating data collection using arterial traffic signal system.</i> | Metro | \$150,000 | Completed in 2013 |
| Regional Intelligent Transportation System (ITS) Architecture Update <i>Update document for consistency with 2035 RTP and TSMO plan, national ITS architecture, and current software.</i> | Metro | \$50,000 | Schedule for 2014 |
| Regional ITS Communications Master Plan <i>Develop master plan for enhancing and maintaining the region's ITS communications network.</i> | Metro | \$50,000 | Scheduled for 2014 |
| Regional ITS Communications Infrastructure Improvements <i>Complete gaps and deficiencies identified in the Regional ITS Communications Plan.</i> | ODOT | \$530,000 | Scheduled for 2015 |
| Regional TSMO Policy & Grant Coordination <i>Supports regional TSMO collaboration on investment priorities, operations data development, performance monitoring, funding opportunities, professional and training.</i> | Metro | \$120,000 | Underway |

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| ITS Network Equipment Maintenance <i>Replace outdated ITS communications network equipment.</i> | ODOT | \$47,000 | Scheduled for 2015 |
| TripCheck Traveler Information Portal (TTIP) Enhancement for Arterial Traveler Information <i>Update software and in-field systems for data transfer to TTIP and PORTAL.</i> | ODOT | \$300,000 | Scheduled for 2014 |
| Regional Traffic Signal System Software Upgrade <i>Update traffic signal controller and central server software for enhanced performance monitoring and data transfer capabilities.</i> | City of Portland | \$100,000 | Scheduled for 2013 |
| Portland Oregon Regional Transportation Data Archive Listing (PORTAL) <i>Support maintenance and enhancements to regional transportation data archive.</i> | Portland State University | \$450,000 | On-going |

2012-2015 MTIP – Funded TSMO Corridor Projects

| Project | Lead Agency | MTIP Funded Amount | Status |
|---|-------------------|--------------------|--------------------|
| OR 8 & OR 10: Murray Blvd to 110 th Ave SCATS <i>Deploy adaptive signal timing and improve communications and remote monitoring to the central traffic signal system and Traffic Operations Center.</i> | City of Beaverton | \$525,000 | Underway |
| Sunnyside Red Adaptive Signal Timing <i>Deploy adaptive signal timing and transit signal priority</i> | Clackamas Co | \$500,000 | Scheduled for 2015 |
| East Metro Connections ITS <i>Update traffic signal hardware and communications; install changeable message sign on 181st near I-84.</i> | City of Gresham | \$200,000 | Scheduled for 2013 |
| Bi-state Travel Time Signage <i>Provide destination travel time signage on I-5 and I-205 between northern (WA) and southern (OR) I-5/I-205 interchanges.</i> | ODOT | \$100,000 | Scheduled for 2014 |

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| Active Corridor Management: Powell/Glisan/Sandy/Halsey/I-84 <i>Provide real-time traveler information system and update signal timing in the I-84 corridor.</i> | City of Portland | \$1,400,000 | Scheduled for 2014 |
| N/NE Columbia Blvd: Signal System Upgrade <i>Upgrade signal hardware, communications and detection. Install air quality monitoring stations. Add transit and truck signal priority. Install pedestrian countdown heads and Leading Pedestrian Intervals at high volume locations.</i> | City of Portland | \$500,000 | Scheduled for 2015 |
| Upper Boones Ferry/Durham Rd: Signals <i>Upgrade signal hardware and communications, install adaptive signal timing</i> | City of Tigard | \$600,000 | Scheduled for 2015 |
| Cornell/Cornelius Pass Rd: Adaptive Signals <i>Expand existing adaptive signal system and improve communications and remote monitoring to the central traffic signal system and Traffic Operations Center.</i> | Washington Co | \$400,000 | Scheduled for 2015 |
| Tualatin-Sherwood ATMS Phase II: 99W – Teton <i>Update traffic signal system and install video detection.</i> | Washington Co | \$1,674,500 | Underway |