

BEFORE THE METRO COUNCIL

FOR THE PURPOSE OF AMENDING) RESOLUTION NO. 12-4385
THE 2012-2015 METROPOLITAN)
TRANSPORTATION IMPROVEMENT) Introduced by Councilor Carlotta Collette
PROGRAM (MTIP) TO ALLOCATE
FUNDS TO COMMUNITY PROJECTS
THAT ENHANCE EFFICIENCY OF THE
REGIONAL TRANSPORTATION
SYSTEM

WHEREAS, the Metropolitan Transportation Improvement Program (MTIP) prioritizes projects to receive transportation-related funding; and

WHEREAS, the Joint Policy Advisory Committee on Transportation (JPACT) and Metro Council must approve the MTIP and any subsequent amendments to allocate funding to projects; and

WHEREAS, JPACT and Metro Council approved Resolution No. 12-4332 adopting the 2012-15 MTIP on March 15, 2012; and

WHEREAS, the 2012-15 MTIP allocates \$6,000,000 in program funding for Transportation System Management and Operations (TSMO) projects; and

WHEREAS, JPACT and Metro Council adopted Ordinance No. 10-1241B on June 10, 2010 amending the 2035 Regional Transportation Plan to encompass the Regional TSMO Plan, a ten-year investment strategy for enhancing the operation of the transportation system that guides regional investment priorities ; and

WHEREAS, The Transportation Policy Alternatives Committee (TPAC) recommends amendments to TSMO projects funded in years 2012 and 2013 of the 2012-2015 MTIP consisted with the Regional TSMO Plan; and

WHEREAS, TPAC recommends amending the 2012-2015 MTIP to sub-allocate \$3,000,000 in dedicated TSMO program funds to projects identified in the Regional TSMO Plan for years 2014 and 2015; and

WHEREAS, projects will be consistent with the National ITS Architecture and Standards and Final Rule (23 CFR Section 940), including that a systems engineering process has or will be followed during project development; and

WHEREAS, this change to programming is exempt by federal rule [40 CFR 93.134] from the need for conformity determination with the State Implementation Plan for air quality; and

WHEREAS, JPACT approved Resolution No. 12-4385 at the December 13, 2012 meeting; and now therefore

BE IT RESOLVED that the Metro Council hereby adopts the recommendation of JPACT to amend the 2012-15 Metropolitan Transportation Improvement Program to allocate the TSMO program funds as shown in Exhibit A to this resolution.

ADOPTED by the Metro Council this _____ day of _____, 2012.

WITHDRAWN

Tom Hughes, Council President

Approved as to Form:

Alison Kean Campbell, Metro Attorney

Exhibit A to Resolution No. 12-4385

2012-15 Metropolitan Transportation Improvement Plan Tables 3.1.1, 3.1.2, and 3.1.4 Amendment

Existing Programming

Sponsor	Metro ID No.	Project Name	Project Description	Funding Source	Project Phase	2012	2013	2014	2015
Metro	70493	TSMO/ITS 2015	The TSMO program coordinates both the planning and implementation of the region's system management and operations strategies to enhance multi-modal mobility for people and goods	STP	Other	0	0	\$1,500,000	\$1,500,000
Metro	70499	Active Traffic Management RCTO	Develop concept of operations for active traffic management	STP	Planning	0	\$300,000	0	0
ODOT	70411	TTIP Enhancement for Arterial Traveler Information	Update software and in field systems for data transfer to TTIP	CMAQ	Other	\$500,000	0	0	0
PSU	70415	PORTAL	Support archiving and analysis of real-time highway traffic data by Oregon Transportation Research Cooperative (OTREC) at Portland State University	CMAQ	Other	\$100,000	\$100,000	0	0

Amended Programming

Sponsor	Metro ID No.	Project Name	Project Description	Funding Source	Project Phase	2012	2013	2014	2015
Metro	70493	TSMO/ITS 2015	The TSMO program coordinates both the planning and implementation of the region's system management and operations strategies to enhance multi-modal mobility for people and goods	STP	Other	0	0	0	0
Clackamas Co		Sunnyside Rd Adaptive Signal System	Design adaptive traffic signal system and transit signal priority on Sunnyside Rd	STP	PE	0	0	\$60,000	0
Clackamas Co		Sunnyside Rd Adaptive Signal System	Construct adaptive traffic signal system and transit signal priority on Sunnyside Rd	STP	Construct	0	0	0	\$440,000
Gresham		East Metro Connections ITS	Update traffic signal hardware and communications; install changeable message sign (CMS) at NB 181 st near I-84	CMAQ	Construct	0	\$200,000	0	0
Portland		Traffic Signal System Software Upgrade	Update TransSuite and Voyage traffic signal software for improved performance monitoring capabilities	STP	Other	0	\$100,000	0	0
Portland		N/NE Columbia Blvd Traffic and Transit Signal Upgrade	Design upgrade to traffic signal hardware, communications, and signal timing; add transit signal priority, truck priority, bicycle detection, pedestrian detection, Bluetooth readers, and air quality monitoring stations	STP	PE	0	0	\$150,000	0

Exhibit A to Resolution No. 12-4385

Sponsor	Metro ID No.	Project Name	Project Description	Funding Source	Project Phase	2012	2013	2014	2015
Portland		N/NE Columbia Blvd Traffic and Transit Signal Upgrade	Construct upgrade to traffic signal hardware, communications, and signal timing; add transit signal priority, truck priority, bicycle detection, pedestrian detection, Bluetooth readers, and air quality monitoring stations	STP	Construct	0	0	0	\$350,000
ODOT	70411	TTIP Enhancement for Arterial Traveler Information	Update software and in field systems for data transfer to TTIP	CMAQ	Other	\$300,000	0	0	0
ODOT		I-5/I-205 Bi-state Travel Time Signage	Construct destination travel time signage on I-5 and I-205	CMAQ	Construct	0	\$200,000	0	0
PSU	70415	PORTAL	Archiving and analysis of real-time highway traffic data by Oregon Transportation Research Cooperative (OTREC) at Portland State University.	CMAQ	Other	\$100,000	\$100,000	\$125,000	\$125,000
Tigard		Upper Boones Ferry Rd/Durham Active Corridor Management	Design upgrades to signal hardware and communications; add adaptive signal timing and detection	STP	PE	0	0	\$125,000	0
Tigard		Upper Boones Ferry Rd/Durham Active Corridor Management	Construct upgrades to signal hardware and communications; add adaptive signal timing and detection	STP	Construct	0	0	0	\$475,000
TransPort		Regional TSMO Policy and Grant Coordination	Facilitate implementation of Regional TSMO Plan; grant coordination and management; performance data development and tracking;	STP	Other	0	0	\$60,000	\$60,000
TransPort		Regional ITS Architecture Update	Update Regional ITS Architecture to meet latest FHWA standards.	STP	Planning	0	0	\$50,000	0
TransPort		Regional ITS Communications Master Plan	Develop regional master plan for enhancing and maintaining the region's ITS communication network.	STP	Planning	0	0	\$50,000	0
TransPort		Regional ITS Communications Infrastructure	Complete gaps and deficiencies identified in the Regional ITS Communications Plan	STP	Construct	0	0	0	\$530,000
Washington Co		Cornell Rd/Cornelius Pass Rd Adaptive System Expansion	Design expansion of adaptive traffic signal system; add bicycle detection	STP	PE	0	0	\$100,000	0
Washington Co		Cornell Rd/Cornelius Pass Rd Adaptive System Expansion	Construct expansion of adaptive traffic signal system; add bicycle detection	STP	Construct	0	0	\$300,000	0

STAFF REPORT

IN CONSIDERATION OF RESOLUTION NO. 12-4385, FOR THE PURPOSE OF AMENDING THE 2012-2015 METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM (MTIP) TO ALLOCATE FUNDS TO COMMUNITY PROJECTS THAT ENHANCE EFFICIENCY OF THE REGIONAL TRANSPORTATION SYSTEM

Date: November 30, 2012

Prepared by: Deena Platman, 797-1754

BACKGROUND

A safe, efficient and reliable transportation system requires investment in strategies to manage and operate the existing multimodal transportation network. With the adoption of the 2035 Regional Transportation Plan (RTP), the region elevated its policy directive to proactively manage the transportation system to make a smoother travel experience for people and goods. In conjunction with the 2035 RTP, the region adopted the Regional Transportation Management and Operations (TSMO) Plan, a 10-year guide for strategic investment in multimodal management and operation strategies.

JPACT and Metro Council confirmed the region's commitment to TSMO by dedicating a portion of its federal transportation funding allocation to investments specifically targeted to management and operations enhancements. To date, the region has supported TSMO allocations in the 2010-11, 2012-13 and 2014-15 MTIP years totaling \$9 million. Of this total, \$6 million has already been sub-allocated to a combination of region wide and corridor projects for years 2010-13. JPACT and Metro Council have not amended the 2014-15 MTIP years to sub-allocate funding to projects.

Resolution 12-4385 will amend the 2012-15 MTIP as shown in Exhibit A, TSMO Programming Table. The amendment will:

- Replace the Active Traffic Management Regional Concept of Transportation Operations (RCTO) project with the East Metro Connections ITS project and the Traffic Signal System Software Upgrade project.

Recent ODOT investments in active traffic management have rendered the RCTO project obsolete. The East Metro Connections ITS project funding provides a regional contribution to a high priority investment identified in the newly adopted corridor plan. The Traffic Signal System Software Upgrade results in improved operations management and data collection for all operating agencies in the region.

- Transfer a portion of the funding from the TripCheck Traveler Information Portal (TTIP) Enhancement for Arterial Traveler Information project in order to add the 1-5/I-205 Bi-State Travel Time Signage project.
ODOT has completed some of the TTIP enhancements originally intended for this funding, reducing the need. The 1-5/I-205 Bi-State Travel Time Signage project matches funding from WSDOT and SW Regional Transportation Commission to add en-route travel time signs between the I-5 and I-205 interchanges in Oregon and Washington to encourage efficient use of these parallel routes.
- Sub-allocate 2014-15 MTIP funding to a combination of region-wide and corridor projects as evaluated and recommend by TransPort, a regional committee of operations managers, and the

Travel Options and Operations (TOO) working group, an ad hoc committee to the Transportation Policy Alternatives Committee (TPAC).

TransPort and the TOO work group based its project evaluation criteria on the goals and objectives laid out in the Regional TSMO Plan. TransPort's guiding principal for preparing a sub-allocation recommendation is to focus on investments with a region-wide or multi-agency corridor benefit. The 2014-15 sub-allocation recommends investing 34% of funding to region-wide projects and 66% to corridor projects. 2014-15 region-wide investments include updating the federally required Regional ITS Architecture plan; planning and investing in the region's ITS communications infrastructure; continued enhancements to the Portland Oregon Regional Transportation Archive Listing (PORTAL); and coordination of regional TSMO policy and grants. Traffic signal system upgrades are proposed for the following corridors: Columbia Blvd, Cornell Rd, Cornelius Pass Rd, Durham Rd, Sunnyside Rd, and Upper Boones Ferry Rd.

ANALYSIS/INFORMATION

— Known Opposition

There is no known opposition to the proposed amendments to the 2012-15 MTIP allocation for TSMO. However, previous policy discussions have not resulted in consensus regarding MTIP funding to support a regional policy and grant coordination activities.

— Legal Antecedents

- Resolution No. 09-4017, For the Purpose of Allocating \$67.8 Million of Regional Flexible Funding for the Years 2012 and 2013, Pending Air Quality Conformity Determination (Adopted by Metro Council on March 19th, 2009)
- Ordinance No. 10-1241B, For the Purpose of Amending the 2035 Regional Transportation Plan (Federal Component) and the 2004 Regional Transportation Plan to Comply with Federal and State Law; to add the Regional Transportation System Management and Operations Action Plan, the Regional Freight Plan and the High Capacity Transit System Plan; to Amend the Regional Transportation Functional Plan and add it to the Metro Code; to Amend the Regional Framework Plan; and to Amend the Urban Growth Management Function Plan (Adopted by Metro Council on June 10th, 2010)
- Resolution No. 12-4332, For the Purpose of Approving the 2012-2015 Metropolitan Transportation Improvement Program for the Portland Metropolitan Area (Adopted by Metro Council on March 15th, 2012)

Anticipated Effects

Exhibit A identifies TransPort as the lead agency for region-wide projects with the exception of the PORTAL project. Upon adoption of Resolution No. 12-4385, TransPort member agencies will convene to determine which agency will serve as lead for each of the region-wide projects. Lead agencies are responsible for the local match requirement for federal transportation funds, currently 10.27%.

Budget Impacts

Resolution 12-4385 does not have budget impacts for Metro.

RECOMMENDED ACTION

Metro staff recommends the approval of Resolution No. 12-4385