

BEFORE THE METRO COUNCIL

FOR THE PURPOSE OF AMENDING THE 2015-18) RESOLUTION NO. 15-4637
METROPOLITAN TRANSPORTATION)
IMPROVEMENT PROGRAM (MTIP) TO)
ALLOCATE \$250,000 OF EXISTING REGIONAL)
FREIGHT ANALYSIS AND PROJECT) Introduced by: Chief Operating Officer
DEVELOPMENT FUNDS TO THE FREIGHT) Martha Bennett in concurrence with Council
DEMAND MODELING & DATA IMPROVEMENT) President Tom Hughes
PROJECT

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

WHEREAS, the Joint Policy Advisory Committee on Transportation (JPACT) and the Metro Council approved the 2015-18 MTIP on July 31, 2014; and

WHEREAS, JPACT and the Metro Council must approve any subsequent amendments to add new projects or substantially modify existing projects in the MTIP; and

WHEREAS, the Freight Demand Modeling and Data Improvement Project was approved by Metro Council for the UPWP in December, 2014; and

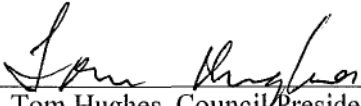
WHEREAS, at the time of approval, the project narrative described two funding sources, the initial \$350,000 SHRP2 C20 Freight Modeling Implementation Assistance grant to fund model development, and an allocation of Regional Freight Analysis and Project Development funds to be within the range of \$250,000 to \$450,000, with final amount to be determined following completion of initial project tasks to develop a Model Implementation Plan and a Data Plan; and

WHEREAS, the data plan has been completed and has identified a need estimated to cost a total of \$350,000, within the estimated cost range of this task; and

WHEREAS, the project has no impact on vehicle capacity and is therefore exempt from needing to demonstrate conformity with the air quality emissions budget; now therefore

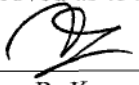
BE IT RESOLVED that the Metro Council hereby adopts the recommendation of JPACT to modify the allocation of Surface Transportation Program funds to the Freight Demand Modeling & Data Improvement project in the 2015-18 MTIP, consistent with the programming illustrated in Exhibit A.

ADOPTED by the Metro Council this 23rd day of July 2015.



Tom Hughes, Council President

Approved as to Form:



Alison R. Kean, Metro Attorney
AK

Exhibit A to Resolution No. 15-4637

2015-18 Metropolitan Transportation Improvement Plan Chapter 5 Tables amendment

Action: Amend MTIP to include the additional budget for the data element of the Freight Demand Modeling & Data Improvement project.

Existing programming:

Project Name	Project Description	ODOT Key #	Lead Agency	Estimated Total Project Cost (all phases, all years)	Project Phase	Fund Type	Program Year	Federal Funding	Minimum Local Match	Other Funds	Total Funding
Regional Freight Analysis & Project Development	To be assigned to develop analysis tools and project strategies that support freight movement in the region.	19296	Metro	N/A	Plan	STP	2015	\$400,000	N/A		\$400,000
Freight Modeling & Data Improvement	Improve travel demand model capability to forecast truck freight trips.	19174	Metro	\$650,000 to \$850,000	Plan	SHRP2 (100%) STP	2014 2015	\$350,000 \$100,000	\$0 \$11,445		\$461,445

Amended programming:

Project Name	Project Description	ODOT Key #	Lead Agency	Estimated Total Project Cost (all phases, all years)	Project Phase	Fund Type	Prog. Year	Federal Funding	Minimum Local Match	Other Funds	Total Funding
Regional Freight Analysis & Project Development	To be assigned to develop analysis tools and project strategies that support freight movement in the region.	19296	Metro	N/A	Plan	STP	2015	\$150,000	N/A		\$150,000
Freight Modeling & Data Improvement	Improve travel demand model capability to forecast truck freight trips.	19174	Metro	\$740,059	Plan	SHRP2 (100%) STP	2014 2015	\$350,000 \$350,000	\$0 \$40,059		\$740,059

STAFF REPORT

FOR THE PURPOSE OF AMENDING THE 2015-18 METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM (MTIP) TO MODIFY THE ALLOCATION OF FUNDS TO THE FREIGHT DEMAND MODELING & DATA IMPROVEMENT PROJECT

Date: July 10, 2015

Prepared by: Bud Reiff, 503-797-1773

BACKGROUND

Metro was selected to receive one of four Freight Model Implementation Assistance grants under the federal SHRP2 program for a Freight Demand Modeling and Data Improvement Project. This model will replace Metro's current truck model with a hybrid freight model that both represents multi-modal freight flows through elements of national and regional supply chains and simulates the movement of individual trucks and shipments on local networks. The SHRP2 funds will be used for model development.

Model estimation and calibration will also require collection of behavioral data from shippers and receivers. Establishment surveys will be used to gather data about industry type and size, commodities shipped and received, shipment size and frequency, and truck fleet data. Regional Flexible Funds allocated to Regional Freight Analysis and Project Development activities have been identified as the source funds needed to pay for this task. Initial estimates identified a need of between \$200,000 and \$400,000, subject to the completion of a Data Plan to further define the scope, methods and budget for this task. An initial allocation of \$100,000 of these funds was provided to support model data needs until the final cost of the data element was completed. The Data Plan was recently completed and has recommended a total cost of \$350,000. Therefore, an additional \$250,000 of the Regional Freight Analysis and Project Development funds are needed for the project. As this represents an allocation of more than \$200,000 to a planning project, a formal amendment is required for approval.

Federal air quality regulations as outlined in Title 40 Code of Federal Regulation 93.126, exempts this project from having to perform air quality conformity analysis due to the fact that the work has no impact on vehicle emissions. The project is included in the 2015-16 Unified Planning Work Program.

This amendment will modify the scope and budget to the existing project included in the 2015-18 MTIP to allocate an additional \$250,000 of Urban Surface Transportation Program funds to the project. The programming is shown in Exhibit A to Resolution No. 15-4637. The Joint Policy Advisory Committee on Transportation (JPACT) must recommend approval and the Metro Council must approve amendments to the MTIP. On July 9, 2015, JPACT recommended that Metro Council approve the amendment.

ANALYSIS/INFORMATION

1. **Known Opposition** None known at this time.
2. **Legal Antecedents** Amends the 2015-18 Metropolitan Transportation Improvement Program adopted by Metro Council Resolution 14-4532 on July 31, 2014 (For the Purpose of Adopting the 2015-2018 Metropolitan Transportation Improvement Program for the Portland Metropolitan Area).
3. **Anticipated Effects** Allows project to be eligible for transportation funding.
4. **Budget Impacts** None.

RECOMMENDED ACTION

Metro staff recommends the approval of Resolution No. 15-4637.