



METROPOLITAN
TRANSPORTATION
COMMISSION

Agenda Item 5

Joseph P. Bort MetroCenter
101 Eighth Street
Oakland, CA 94607-4700
TEL 510.817.5700
TDD/TTY 510.817.5769
FAX 510.817.5848
E-MAIL info@mtc.ca.gov
WEB www.mtc.ca.gov

Memorandum

TO: Operations Committee

DATE: May 1, 2015

FR: Executive Director

W. I. 1223 & 1237

RE: Proposal for Active Operational Management for One Bay Area Grant Program

This memorandum is an information item describing the proposed Active Operational Management program. The Active Operational Management Program includes 1) the Columbus Day Initiative, 2) the Transportation Management Systems, 3) the 511 traveler information service and 4) the Regional Rideshare Program. Staff will present the first two items at the May Operations Committee meeting for information (see attached PowerPoint.) The latter two items will be presented at the June Operations Committee. In June, staff will also seek committee approval to submit the entire package for consideration as part of the second cycle of *One Bay Area Grant* program (OBAG 2) funding, when the OBAG 2 program is being developed in 2015-2016.

Active Operational Management Program

As companion to the long-held system maintenance principle that the region should “fix it first,” staff is proposing that MTC more aggressively pursue operational improvements as a means of preserving mobility without expanding regional roadways. At the May 8 Operations Committee meeting, staff will present two programs that optimize corridor operations and equipment performance, improve mobility and system efficiency and contribute to decreased levels of greenhouse gas (GHG) emissions:

- **Columbus Day Initiative.** This initiative includes the implementation and delivery of active operational management strategies that would result in reduced vehicle delays – similar to the traffic conditions that commuters experience during holidays such as Columbus Day. This initiative also includes operational strategies such as adaptive ramp metering, hard shoulder running, queue warning, and adaptive traffic signals with transit signal priority.
- **Transportation Management Systems.** This program includes the operations and management of highway operations field equipment; critical freeway and incident management functions; and Transportation Management Center (TMC) staff resources needed to actively operate and maintain the highway system.

Historically, the region has used STP and CMAQ funds – Surface Transportation Program funds and Congestion Mitigation/Air Quality funds – as the primary funding source for such improvements. For certain projects, the California Department of Transportation (Caltrans) has provided State Highway Operation and Protection Program funds. Other partners, such as congestion management agencies (CMAs), participated on a case-by-case basis with capital funds. Going forward, Staff will recommend to continue funding from this next round of STP and CMAQ funds through OBAG2, as well to formalize a challenge grant to encourage greater and more consistent participation from Caltrans and the CMAs.

At the June 12 Operations Committee meeting, staff will present strategic recommendations for the next generation systems for 511 and regional rideshare services. Concurrently, at the June Programming and Allocations Committee meeting, staff will be presenting both the Active Operational Management and Traveler Services Program strategic plan package for consideration in the regional OBAG 2 framework.



Steve Heminger

SH:RTV

J:\COMMITTE\Operations\2015 Operations Comm Packet\05_Ops_May_2015\5_Reg Ops New Directions_FINAL.doc