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## *Memorandum*

TO: Operations Committee

DATE: February 6, 2009

FR: Executive Director

W.I.: 1235/ 1236

RE: Cooperative Agreement - Freeway Performance Initiative: California Department of Transportation

### **Background**

Historically, MTC has worked collaboratively with the California Department of Transportation (Caltrans) to effectively monitor and manage the Bay Area freeway system. To further this goal, Caltrans is contributing \$1,201,030 of State Highway Account funds to implement two efforts related to the Freeway Performance Initiative:

(1) In October 2008, this Committee approved a contract to develop, test and deploy an Advanced Transportation Management System (ATMS). This software will streamline and enhance the regional transportation management center's ability to increase system efficiency, improve traffic operations, increase availability of traveler information, and implement incident management strategies for the San Francisco Bay Area. Caltrans is providing \$701,030 in additional funding to further enhance the basic capabilities of the ATMS and to procure and install needed hardware and software components.

(2) Accurate and comprehensive data are crucial to monitoring the performance of the highway system and managing incidents. Roadway sensors are the traditional means to collect traffic data, and although many are already installed on the Bay Area freeway system, a large proportion are not functioning properly. In addition, data from sensors located on on-ramps and off-ramps are not currently being archived, and thus are not available for use for traffic planning studies. To address these issues, \$500,000 of the proposed funds will be used for a "detector fitness" project to improve the quality of data generated from existing roadway sensors. This is consistent with the goals of the Freeway Performance Initiative, and these funds will help to offset some of the planned expenditures as proposed in Transportation 2035.

### **Recommendation**

Staff recommends that the Committee approve a cooperative agreement with Caltrans, subject to inclusion of \$1,201,030 from Caltrans in the MTC and MTC SAFE budgets.

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Steve Heminger

SH:JL

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## REQUEST FOR COMMITTEE APPROVAL

### Summary of Proposed Cooperative Agreement

Work Item No.: 1135/ 1236

Agency: California Department of Transportation  
(Caltrans)

Work Project Title: Freeway Performance Initiative

Purpose of Project: To effectively monitor and manage the Bay Area freeway system

Brief Scope of Work: (1) To further enhance the basic capabilities of the Advanced Transportation Management System  
(2) To improve the quality of data generated from existing roadway sensors

Project Cost Not to Exceed: \$1,201,030

Funding Source: State Highway Account

Fiscal Impact: Funds to be amended into the FY 2008/09 MTC and MTC SAFE budgets

Motion by Committee: That the Executive Director or his designee is authorized to negotiate and enter into a Cooperative Agreement with Caltrans for the Freeway Performance Initiative efforts described above and the Chief Financial Officer is directed to set aside funds in the amount of \$1,201,030 for such agreement.

Operations Committee:

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Sue Lempert, Chair

Approved: Date: February 13, 2009