



METROPOLITAN  
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COMMISSION  
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## *Memorandum*

TO: Operations Committee

DATE: October 1, 2010

FR: Executive Director

W.I.: 1236

RE: Contract Amendments - Freeway Performance Initiative: Dowling Associates, Inc. and PBS&J

### **Background**

In March 2006, the Commission directed staff to develop a freeway strategic plan, called the Freeway Performance Initiative (FPI). In October 2006, MTC entered into the first set of contracts to perform technical assessments of some of the major freeway corridors in the Bay Area. This work included the identification of major bottlenecks, determination of the causes of congestion problems, development of potential mitigation measures, and an assessment of their effectiveness. Working in collaboration with Caltrans and the Bay Area Congestion Management Agencies, these recommendations became the initial proposals for the Transportation 2035 Plan.

In May 2009, the Operations Committee authorized competitively procured contracts with two consulting firms, PBS&J and Dowling Associates, Inc., to perform a second set of corridor studies for the region. The total amount authorized was \$2,600,000. However, the initial amount encumbered was only \$800,000 (\$400,000 for each firm) due to delays in receiving funding contributions from other agencies for this work. All of the necessary funding agreements are now in place, and staff is requesting approval to amend the two consultant contracts.

### **Previously approved and Proposed Supplemental Work**

The May 2009 contract approval granted by the Operations Committee included the following work:

- An assessment of medium and long-term traffic management strategies for US-101 in San Mateo County, including an investigation of HOV and HOT lanes in the corridor.
- An operational and safety study of SR-12, from SR-29 to I-5, conducted in collaboration and with funding from Caltrans, the Solano Transportation Authority, and the San Joaquin Council of Governments.

- Integration of recommendations and strategies from the Freeway Performance Initiative corridor studies with the proposed Regional Express Lane network.

The supplemental contract authority being requested at this time will fund the following traffic studies:

- A study of the SR 92/US 101 interchange area as a supplement to the US 101 FPI corridor study work in San Mateo, conducted in collaboration and with funding from the City/County Association of Governments of San Mateo County and the San Mateo County Transportation Authority.
- A study of the I-880/US 101 interchange area as a supplement to the I-880 corridor study work conducted by Caltrans, and in support of the I-880 Demonstration Project being led by MTC.
- Detailed ramp metering deployment studies for the Alameda I-680, Marin/Sonoma US 101, and Solano I-80 corridors, as supplements to the initial FPI study work performed for each of these corridors.
- Studies of the major freeway corridors not analyzed in prior FPI studies.
- Additional analysis of specific recommendations and strategies identified in the initial FPI studies required for strategy implementation, including integration with other local and regional efforts.

Individual studies will be assigned to each of the two firms, based on the best match between corridor/project characteristics and the firm's strengths.

### **Recommendation**

Staff recommends that this Committee authorize the Executive Director or his designee to negotiate and enter into contract amendments with Dowling Associates, Inc. and PBS&J, in the amounts of \$1,603,510 and \$1,613,440, respectively, for a total amount not to exceed \$3,216,950.

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Steve Heminger

SH: DS

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## REQUEST FOR COMMITTEE APPROVAL

### Summary of Proposed Contracts

Work Item No.: 1236

Contractor(s): Dowling Associates, Inc., Oakland, CA  
PBS&J, San Francisco, CA

Work Project Title: Freeway Performance Initiative Traffic Analysis

Purpose of Project: Continue development of a strategic plan for the operations of the Bay Area freeways, including a prioritized list of proposed congestion mitigation projects.

Brief Scope of Work: Analyze existing traffic conditions, identify causes of congestion using appropriate traffic analysis techniques. Propose mitigation measures, including consideration of performance measures and costs. Prioritize the final list of projects.

Project Cost Not to Exceed: Dowling Associates, Inc. (\$1,603,510);  
PBS&J (\$1,613,440)

Funding Source: CMAQ/SAFE and local agency funds

Fiscal Impact: Project is included in current agency budget.

Motion by Committee: That the Executive Director or his designee is authorized to negotiate and enter into contract amendment(s) with Dowling Associates, Inc. and PBS&J to conduct the studies described above, and the Treasurer is authorized to set aside a total of \$3,216,950 for the two contracts.

SAFE Operations  
Committee: \_\_\_\_\_  
Amy Rein Worth, Chairperson

Approved: Date: October 8, 2010