



METROPOLITAN
TRANSPORTATION
COMMISSION

Agenda Item 5a

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Memorandum

TO: Operations Committee

DATE: May 5, 2017

FR: Executive Director

W. I. 1255

RE: Contract – High Occupancy Vehicle Enforcement Pilot Study: California Highway Patrol (\$575,000)

This memorandum requests Committee approval to enter into a contract with the California Highway Patrol (CHP) to provide enforcement services for the High Occupancy Vehicle (HOV) Enforcement Pilot Study in an amount not to exceed \$575,000, subject to the Executive Director's approval of Regional Measure 2 (RM2) Capital funds via delegated authority under MTC Resolution No. 3620. This approval is being requested early so that CHP can initiate its process to draft the contract.

Background

In May 2016, staff presented data to the Committee that showed that more than half of Bay Area HOV lanes fail to meet federal speed standards as reported by Caltrans (2014), and that HOV lane occupancy violations exceeded Caltrans' maximum acceptable threshold of 10% in many locations as reported by MTC (Managed Lanes Implementation Plan, 2015). The Committee tasked staff with identifying specific ways to improve HOV lane performance. More recently, in January and March of 2017, the Committee expressed interest in legislative solutions to occupancy enforcement such as establishing a new state or regional enforcement patrol separate from CHP. At this time, staff is pursuing two pilot projects it hopes will inform any potential legislative solution to enforcement:

1. Automated Vehicle Occupancy Detection (VOD) Technology Pilot - MTC released a Request for Qualifications in March, and expects to recommend award of contract(s) in June 2017; and
2. HOV Enforcement Pilot Study (this item) – MTC is requesting approval of a contract with CHP for enforcement services at the May 12 Committee meeting.

The HOV Enforcement Pilot will study how to improve HOV lane performance in the Bay Bridge and other bridge corridors through increased CHP resources. The pilot will:

- Test the impact of regularly enforcing HOV occupancy levels over a sustained period of time;
- Explore different enforcement strategies, including leveraging vehicle occupancy detection technology as applicable;
- Gather data on cost and effectiveness; and
- Produce a study that reports on pilot results to inform future decision-making.

The goal is to reduce HOV violation rates, which should improve HOV lane performance - increasing the attractiveness of carpooling and transit as alternatives to driving alone and boosting person-throughput in congested bridge corridors.

Staff proposes to enter into a contract with the CHP to perform more intensive HOV occupancy enforcement services at a few locations starting with the Sterling Street on-ramp to the Bay Bridge in San Francisco. CHP would be paid on an overtime basis, as is the case for other reimbursable services contracts with CHP. MTC and CHP would jointly identify several enforcement strategies and a timeline to test them. This pilot would also coordinate with the VOD Pilot to inform and test how technology could support CHP enforcement. MTC will collect before/after data on citations issued by CHP, observed HOV occupancy violations, person-throughput and other performance measures. The main product of this pilot will be a study to analyze and document impacts on HOV lane performance and inform future decision-making about how to provide the most cost-effective enforcement possible. The pilot is expected to take about one year from when the contract is executed, but depends on coordination with the VOD Pilot.

Recommendation

Staff recommends that the Committee authorize the Executive Director or his designated representative to negotiate and enter into a contract with CHP to provide enforcement services for the HOV Enforcement Pilot Study in an amount not to exceed \$575,000, subject to approval of RM2 Capital funds.



Steve Heminger

SH:pg

REQUEST FOR COMMITTEE APPROVAL

Summary of Proposed Contract

Work Item No.:	1255
Contractor:	California Highway Patrol (CHP) Sacramento, CA
Work Project Title:	High Occupancy Vehicle (HOV) Occupancy Enforcement Pilot Study
Purpose of Project:	To provide enhanced enforcement services at various HOV locations, allowing MTC to study how to improve HOV lane performance
Brief Scope of Work:	CHP shall perform visual inspections of HOVs to confirm they meet occupancy requirements or have eligible clean air decals and issue citations as appropriate, as well as provide statistics.
Project Cost Not to Exceed:	\$575,000
Funding Source:	Regional Measure 2 (RM2) Capital
Fiscal Impact:	An allocation of \$730,000 of RM2 Capital from funds previously programmed for Bay Bridge Forward is requested for approval via the Executive Director's delegated authority under MTC Resolution No.3620. \$575,000 of this allocation will fund this CHP contract; the balance will fund data collection and the completion of the study.
Motion by Committee:	That the Executive Director or his designee is authorized to negotiate and enter into a contract with CHP in an amount not to exceed \$575,000 for enforcement services described above and in the Executive Director's memorandum dated May 5, 2017, and the Chief Financial Officer is directed to set aside funds in the amount of \$575,000, as specified above.
Operations:	<hr/>
	Dave Cortese, Chair
Approved:	Date: May 12, 2017