

# Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: December 10-11, 2008

Reference No.: 2.5g.(7)  
Action Item

From: CINDY McKIM  
Chief Financial Officer

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Subject: **FINANCIAL ALLOCATION FOR PROPOSITION 1B PROJECTS IN THE  
TRAFFIC LIGHT SYNCHRONIZATION PROGRAM  
RESOLUTION TLS1B-A-0809-004**

## **RECOMMENDATION:**

The Department of Transportation (Department) recommends the California Transportation Commission (Commission) approve an allocation of \$5,605,000 for four Traffic Light Synchronization Program (TLSP) projects to be funded from Proposition 1B.

## **ISSUE:**

The attached vote list describes four Proposition 1B TLSP projects totaling \$5,605,000. The traffic light synchronization projects and other technology-based improvements will improve safety, operations and the effective capacity of local streets and roads. The allocation requests for these projects are consistent with the signed baseline agreements. The agencies are ready to proceed with these projects and are requesting an allocation at this time.

## **FINANCIAL RESOLUTION:**

Resolved, that \$5,605,000 be allocated from the Budget Act of 2008, Budget Act Item 2660-104-6064, for four Proposition 1B Traffic Light Synchronization Program projects, as described on the attached vote list; and

Be it further resolved that as a condition of allocation of these funds and to perform its administrative role established by SB 88, the Commission requests that the Department perform the functions necessary to ensure proper accountability measures are employed and reporting requirements are met for the Proposition 1B Traffic Light Synchronization Program.

Attachment

2.5 Highway Financial Matters

Project # Allocation Amount Recipient RTPA/CTC District-County	Project Location	Dst-EA Prgm'd Amount Phase	Budget Year Item # Fund Type	Amount by Fund Type
<b>2.5g.(7) Proposition 1B - Traffic Light Synchronization Program (TLSP)</b>			<b>Resolution TLS1B-A-0809-004</b>	
1 \$401,000 Sacramento County SACOG 03-Sacramento	In Sacramento County. <u>Outcome/Output:</u> Improve safety, operation and effective capacity of the Florin Road signal system. Reduce vehicle stops and emissions and allow for Transit Signal Priority. Reduce travel times by 4 minutes (21%) and produce an annual delay savings of 2.0 million dollars.  Total Construction Cost: \$501,000.	03-0L1974  \$401,000 CONST	2007-08 104-6064 TLSP	\$401,000
2 \$1,489,000 City of Walnut Creek MTC 04-Contra Costa	In Walnut Creek. <u>Outcome/Output:</u> Implementation of adaptive signal technology along the corridor requires signal system upgrade that will result in substantial decreases in congestion costs during normal daily operation and particularly in response to incidents and special events. The expected reduction in travel time and stops will reduce the vehicle emissions along the corridor. The number of accidents is expected to be reduced, which will reduce community costs associated with accidents. This project will showcase the benefits of adaptive technology on a major urban arterial, with results that are of national interest.  Total Construction Cost: \$2,083,621.	04-074604L  \$1,489,000 CONST	2007-08 104-6064 TLSP	\$1,489,000
3 \$3,215,000 City of Los Angeles LACMTA 07-Los Angeles	In the city of Los Angeles. <u>Outcome/Output:</u> The 170 intersection ATCS-Echo Park/Silver Lake Project will provide fully traffic responsive signal control based on real time traffic conditions. ATCS will be implemented using new software, replacing obsolete traffic signal controllers, changeable message signs and additional pavement traffic detectors at intersections currently on line as part of the City of Los Angeles' ATSAC system.  (Partial allocation to complete accelerated element of overall project. Agency will request remaining programmed amount at a later date.)  Total Overall Construction Cost: \$6,059,000.	07-4U4204L  \$6,059,000 CONST	2007-08 104-6064 TLSP	\$3,215,000 (Partial)
4 \$500,000 City of Santa Clarita LACMTA 07- Los Angeles	In Santa Clarita. <u>Outcome/ Output:</u> Install wireless system detectors that will be integrated into the City's existing web-based traveler information system. This project will result in an average reduction of 48 incidents per year with potential savings of \$5,517,000, since it will provide advance information to users so that they can change their trip accordingly.  Total Construction Cost: \$600,000.	07-4U4164L  \$500,000 CONST	2007-08 104-6064 TLSP	\$500,000