

Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: September 9-10, 2009

Reference No.: 2.1c.(6)
Action Item

From: CINDY McKIM
Chief Financial Officer

Prepared by: Robert Copp
Division Chief
Traffic Operations

Subject: **TRAFFIC LIGHT SYNCHRONIZATION PROGRAM BASELINE AMENDMENT
RESOLUTION TLSP-PA-0910-03**

RECOMMENDATION:

The California Department of Transportation (Department) recommends the California Transportation Commission (Commission) approve a baseline agreement amendment for the San Bernardino Valley Coordinated Traffic Signal System, Tier 3 & 4 project and the Orange County Signal Improvement Program project programmed in the Traffic Light Synchronization Program (TLSP).

ISSUE:

Amendments to baseline agreements are needed for two TLSP projects. The San Bernardino Associated Governments (SANBAG) has experienced a slight delay in receiving matching Congestion Monitoring and Air Quality (CMAQ) funding resulting in a two-month delay in the construction start date for the San Bernardino Valley Coordinated Traffic Signal System, Tier 3 & 4 project. The date change is not significant enough to cause a change in project scoring, however.

The Orange County Transportation Authority (OCTA) project is a multiple corridor project that will be allocated in three phases. The first phase received an allocation of \$1.5 million in May 2009 and is currently under construction. OCTA has requested an allocation of \$1,450,000 for the second phase, but it is currently deferred pending the availability of TLSP bond funding. This delay will cause a conflict between the traffic light synchronization project on Valley View Street–Bolsa Chica Road corridor, currently identified in the TLSP baseline agreement, with a planned construction project on State Route 22. To alleviate this situation, OCTA is proposing to remove the Valley View Street–Bolsa Chica Road corridor from the project and replace it with the El Toro Road corridor. This will not affect the eligibility or scoring of the project.

BACKGROUND:

On May 28, 2008, the Commission approved 21 traffic light synchronization projects totaling \$147,000,000 for the City of Los Angeles and 62 additional traffic light synchronization projects totaling \$98,000,000 for agencies other than Los Angeles.

The project baseline agreements have been received and reviewed by the Department and signed by Director Kempton. Baseline amendments are needed for the projects identified on the following page.

San Bernardino Associated Governments (SANBAG) – San Bernardino Valley Coordinated Traffic Signal System, Tier 3 & 4.

SANBAG is increasing CMAQ funding for this project. Design costs have increased from \$2.5 million to \$3.0 million from the original estimate. In addition, construction support costs have increased due to the addition of construction management costs to the TLSP project. This was not included in the original proposal. The original baseline agreement shows \$2 million in matching CMAQ funding for construction, split into Fiscal Years 2009-10 and 2010-11. These funds have been consolidated into Fiscal Year 2009-10 and an additional \$600,000 in matching CMAQ funds have been identified for construction support.

In addition, the construction start date is being extended two months, from April 2010 to June 2010. This is due to a delay in the allocation of CMAQ funding. As a result, subsequent phases are also being extended two months.

Orange County Transportation Authority (OCTA) – Orange County Signal Improvement Program

This is a multiple corridor project that OCTA has divided into three allocations. The first allocation was awarded in May 2009. The second allocation has been requested but is pending until bond funding becomes available. This delay has created a time constraint that eliminates the Valley View Street–Bolsa Chica Road Corridor. This corridor is eliminated because of the imminent start of a three-year widening and HOV lane connector freeway project on Interstate 405, State Route 22, and Interstate 605, which bisects the corridor. Freeway and other surface route traffic will be detoured in the entire area on parallel routes and surface streets including Valley View Street and Bolsa Chica Road. Ramp and major interchange closures with bridge removal and replacement, with traffic divergence, will be occurring over three years with no chance for coordinating a traffic signal timing project. OCTA proposes to remove the Valley View Street–Bolsa Chica Road corridor from its TLSP project. In its place, the El Toro Road Corridor from Laguna Canyon Road (State Route 133) to Live Oak Canyon Road will be added. El Toro Road and Valley View–Bolsa Chica Road corridors are comparable in length, number of signals, and average annual daily traffic volume. Estimates between the two corridors for equipment changes, interconnect installation, and equipment modifications are comparable. OCTA plans on synchronizing the Valley View Street–Bolsa Chica Road Corridor after the HOV connection freeway project is complete. This will be accomplished with the scheduled April 2011 reauthorization of Orange County’s half-cent local measure funding.

Attachment

**TRAFFIC LIGHT SYNCHRONIZATION PROGRAM
PROJECT AMENDMENT LIST
(other than City of LA)**

Attachment

County	Applicant Name	Corridor Name	Current Project Cost	Revised Project Cost	Current Match Amount	Revised Match Amount	Approved TLSP CONST Funding	Current CONST Start Date	Revised CONST Start Date
Orange	OCTA	Countywide TLSP (Amend to eliminate Valley View Street-Bolsa Chica Road Corridor and add El Toro Road.)	\$ 8,000,000	N/C	\$ 4,000,000	N/C	\$ 4,000,000	March-09	N/C
San Bernardino	SANBAG	TLSP Tier 3 & 4	\$ 4,000,000	\$ 4,600,000	\$ 2,000,000	\$ 2,600,000	\$ 2,000,000	April-10	June-10