

# Memorandum

To: CHAIR AND COMMISSIONERS  
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: March 23-24, 2011

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

From: NORMA ORTEGA  
Chief Financial Officer

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Traffic Operations

Subject: **TRAFFIC LIGHT SYNCHRONIZATION PROGRAM BASELINE AMENDMENT  
RESOLUTION TLSP-PA-1011-08**

## **RECOMMENDATION:**

The California Department of Transportation (Department) recommends that the California Transportation Commission (Commission) approve baseline agreement amendment for the following Traffic Light Synchronization Program (TLSP) project.

- San Diego Association of Governments – At Grade Crossing Traffic Synchronization

## **ISSUE:**

Amendment to baseline agreement is needed for one TLSP project to reflect delay in construction, change in scope, and funding amount. There is no net change in the total TLSP funds programmed.

## **BACKGROUND:**

The Commission has approved 22 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 agreement has been received and reviewed by the Department. The agreement for the project was signed by the Department on October 28, 2008. Baseline amendment is needed for the project below. Specific changes to the baseline are reflected in the attached spreadsheet.

### **San Diego Association of Governments – At Grade Crossing Traffic Synchronization (Project 6809)**

The project is currently in construction and is scheduled to be completed by July 2011. The baseline agreement is being amended to show the new scope, budget and the new project milestone dates.

The proposed TLSP project objective is within scope but requires a change in approach. The project corridor has the added complexity of the presence of trolley service, in addition to the typical urban vehicular mix. After several months of testing the proposed predictive algorithm for signal timing, it was determined that this highly technical approach was beneficial from a proof of concept viewpoint, but not for a systemwide operational environment. This is due to the variability in trolley passenger boardings and directional trolley frequencies.

The proposed trolley and City of San Diego downtown cross street coordination will be achieved through the implementation of a corridor “green band” wave through the existing TLSP project area of C Street and Park Avenue.

To achieve the full benefits of the green band, the agency would like to include the construction of two new signals. Once complete, the signals will be incorporated into the trolley green band. Project costs have been revised to include \$80,000 for Plans, Specification and Estimates (PS&E), funded by a contribution by Centre City Development Corporation.

Attachment

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

Reference No.: 2.1c.(6a)  
March 23-24, 2011  
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	Current CONST End Date	Revised CONST End Date
San Diego	SANDAG	At-Grade Crossing Traffic Synchronization	\$ 1,020,000	\$ 1,100,000	\$ 200,000	\$ 280,000	\$ 820,000	October-08		September-10	July-11