

Memorandum

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: December 5-6, 2012

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

From: NORMA ORTEGA
Chief Financial Officer

Prepared by: Ed Lamkin
Division Chief
Traffic Operations

Subject: **TRAFFIC LIGHT SYNCHRONIZATION PROGRAM BASELINE AMENDMENT
RESOLUTION TLSP-PA-1213-03**

RECOMMENDATION:

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

- City of San Jose – TLSP.

ISSUE:

An amendment to the baseline agreement is needed for one TLSP project to reflect a delay in construction and a change in scope. There is no change to the TLSP funding amount.

BACKGROUND:

The Commission has approved 22 traffic light synchronization projects totaling \$147,000,000 for the City of Los Angeles and 59 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 September 24, 2008. The baseline amendment is needed for the project below and specific changes to the baseline are reflected in the attached spreadsheet.

City of San Jose – TLSP (Project 6801)

The project is currently in construction and the baseline agreement is being amended to show the new scope and the new project milestone dates.

The City of San Jose (City) proposes to change the original scope to include the following elements. The City is confident the proposed changes will not have a negative impact on the project benefits to be achieved.

	<u>Original</u>	<u>Final</u>	<u>Change</u>
1. Fiber Communication Trunk Installation			
Conduit Installation (miles)	1	15.5	14.5
Fiber Optic Cable Installation (miles)	36	56.14	20.14
2. Smart Intersection Upgrade			
Conduit Installation (miles)	2	2.25	0.25
Communication Device (intersections)	680	784	104
Controller Upgrade (signals)	785	787	2
Traffic Surveillance Camera Locations	141	137	-4
Signal Cabinet Upgrade	0	82	82
3. Dynamic Traffic Management System			
Dynamic Timing Plans (intersections) (See Note ***)	33	35	2
4. Signal Synchronization			
Coordinated Signals (signals)	549	590	41

The City is also requesting a schedule modification to provide an extension to the construction completion date. The project is unable to maintain the original schedule due to extended delivery delays in fiber installation and Dynamic Traffic Control equipment where work must be performed within State of California and Valley Transportation Authority rights-of-way. The construction delay was also due to unanticipated freeway interchange and roadway construction work within the project limits.

Note***

The Dynamic Traffic Management System at 2 intersections at the San Jose International Airport was eliminated due to planned land use changes. The Dynamic Traffic Management System at the Tully Road Commercial District was eliminated due to freeway construction. Additional intersections to other corridors were added to achieve optimal travel benefit in the most congested areas of the city where some exceed the average daily traffic volume of 40,000. The evaluation of this change was performed by the project consultant.

Attachment

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

Reference No.: 2.1c.(6b)
December 5-6, 2012
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
Santa Clara	City of San Jose	TLSP	\$ 20,600,000		\$ 5,600,000		\$ 15,000,000	January-09		December-12	June-13