

## MEMORANDUM

To: CHAIR AND COMMISSIONERS  
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: March 25, 2020

From: STEVEN KECK, Chief Financial Officer

Reference Number: 2.5g.(7a) – 2.5g.(7b), Action Item

Prepared By: Jasvinderjit S. Bhullar, Chief  
Division of Traffic Operations

Subject: **ALLOCATION AMENDMENT FOR PROPOSITION 1B TRAFFIC LIGHT  
SYNCHRONIZATION PROGRAM PROJECTS  
RESOLUTION TLS1B-AA-1920-02,  
AMENDING RESOLUTION TLS1B-A-1112-002  
RESOLUTION TLS1B-AA-1920-03,  
AMENDING RESOLUTIONS TLS1B-A-1415-01 AND TLS1B-A-1617-02**

### **ISSUE:**

Should the California Transportation Commission (Commission) approve the California Department of Transportation (Department) request to de-allocate a combined total of \$4,053,428 in Proposition 1B – Traffic Light Synchronization Program (TLSP) funds from the project(s) listed below, to reflect project cost savings upon completion?

### **RECOMMENDATION:**

The Department recommends that the Commission approve its request to de-allocate \$4,053,428 in Proposition 1B – TLSP funding from the project(s) listed in the chart on the next page, to reflect project cost savings upon completion.

<u>TLSP Project</u>	<u>Project ID</u>	<u>Resolution</u>	<u>Amending Resolution</u>	<u>Current Project Allocation</u>	<u>Cost Savings</u>	<u>Revised Allocation Amount</u>
<b>Project 6752:</b> Shaw Avenue	0600000822	TLS1B-AA-1920-02	TLS1B-A-1112-002	\$2,100,000	\$413,000	\$1,687,000
<b>Project 6763:</b> ATCS-Los Angeles	0714000340	TLS1B-AA-1920-03	TLS1B-A-1415-01	\$5,213,400	\$2,075,972	\$3,137,428
<b>Project 6763:</b> ATCS-Los Angeles	0714000340	TLS1B-AA-1920-03	TLS1B-A-1617-02	\$6,315,100	\$1,564,456	\$4,750,644

**Total Funds to be De-allocated: \$4,053,428**

**BACKGROUND:**

The Proposition 1B – TLSP project(s) listed above have been completed. Each of the implementing agencies for these projects are now requesting that the Commission reduce the currently approved Proposition 1B – TLSP allocations. The proposed changes are reflected in strikethrough and bold in accordance with the attached revised book item attachment(s).

**FINANCIAL RESOLUTION:**

Be it Resolved, that the Proposition 1B – TLSP funds totaling \$4,053,428 currently allocated for the project(s) listed above are hereby de-allocated, in accordance with the attached revised vote boxes.

Attachments

2.5 Highway Financial Matters

Project #	Allocation Amount	Recipient Agency	Dist-County	RTPA/MPO	Corridor Name / Project Location	Program Prgm'd Amt	Project ID	Budget Year	Item #	Amount by Fund Type
						EA		Fund Type		Fund Type
<b>2.5g.(7a) Proposition 1B Traffic Light Synchronization Program (TLSP)</b>						<b>Resolution TLS1B-AA-1920-02 Amending Resolution TLS1B-A-1112-002</b>				
1	\$2,400,000 <b>\$1,687,000</b>	In the City of Fresno, Shaw Ave.				TLSP		2010-11		\$2,400,000
		(CEQA-CE, 10/05/2009.)				<b>\$2,400,000</b>		104-6064		<b>\$1,687,000</b>
		City of Fresno				0600000822		TLSP		
		COFCG				4				
		06-Fresno				06-928207L				
		Total Construction Cost: \$3,000,000								
		The project has \$120,400 CMAQ federal funding.								
		<u>Outcome/Output:</u> City of Fresno Synchronization Model estimates Delay Saving up to 30% and Travel time saving up to 20% during peak travel times.								
		<b><u>Amend Resolution TLS1B-A-1112-002 to deallocate \$413,000 in Proposition 1B TLSP funding to reflect project cost savings upon completion.</u></b>								

2.5 Highway Financial Matters

Project #	Allocation Amount	Recipient Agency	Project Location	Program Prgm'd Amt Project ID Adv Phase	Budget Year Item # Fund Type	Amount by Fund Type
<b>2.5g.(7b) Proposition 1B Traffic Light Synchronization Program (TLSP)</b>				<b>Resolution TLS1B-AA-1920-03</b>		
				Amending Resolution TLS1B-A-1415-01		
1	\$5,213,400	City of Los Angeles	City of Los Angeles ATCS-Los Angeles Project.	TLSP	2014-15	
	<b><u>\$3,137,428</u></b>	<u>LACMTA</u>	<u>Outcome/Output:</u> The proposed ATCS is a traffic control system which provides fully traffic responsive/adaptive signal control based on real-time traffic conditions. As traffic patterns change, ATCS has the advantage over existing systems in that traffic signal timing is automatically changed in real-time to match the current conditions. This immediately leads to an improvement in the Level of Service (LOS) and reduced traffic congestion, fuel consumption and air pollution. Results have shown that ATCS provides a minimum of 3% of added capacity as compared to existing ATSAC system.	\$11,528,500	104-6064	\$5,213,400
City of Los Angeles		07-Los Angeles		<b><u>\$7,888,072</u></b>	TLSP	<b><u>\$3,137,428</u></b>
				0714000340		(partial)
				4		
			CEQA – NOE, 03/29/2012			
			R/W Certification: 06/17/2016			
			This project was programmed for a total of \$11,528,000. However, the allocation was split as two partial allocations in two different fiscal years. The first allocation of \$5,213,400 was approved in August 2014 in FY 14-15. The second allocation of \$6,315,100 was approved in October 2016 in FY 16-17.			
			<b><u>Amend Resolution TLS1BA-A-1415-01 to deallocate \$2,075,972 in Proposition 1B TLSP funding, originally allocated in FY 14-15, to reflect project cost savings upon completion.</u></b>			

2.5 Highway Financial Matters

Project #	Allocation Amount	Recipient	Project Title	PPNO Program/Year	Budget Year	Amount by
<u>RTPA/CTC</u>		<u>District-County</u>	<u>Location</u> Project Description	Phase Prgm'd Amount Project ID Adv. Phase	Item # Fund Type Program Code	Fund Type
<b>2.5g.(7b)</b>			<b>Allocation Amendment - Traffic Light Synchronization Program Project</b>	<b>Resolution TLS1B-AA-1920-03 Amending Resolution TLS1B-A-1617-02</b>		
1	<del>\$6,315,100</del> <b>\$4,750,644</b>	City of Los Angeles <u>LACMTA</u> 07-Los Angeles	<b>City of Los Angeles Signal Synchronization (ATCS)</b> . The proposed ATCS is a traffic control system which provides fully traffic responsive/adaptive signal control bases on real time traffic conditions. This project will upgrade the existing fiber network, closed-circuit television cameras (CCTV) and overhead guide signs.  CEQA - NOE, 03/29/2012  R/W Certification: 06/17/2016  This project was programmed for a total of \$11,528,000. However, the allocation was split as two partial allocations in two different fiscal years. The first allocation of \$5,213,400 was approved in August 2014 in FY 14-15. The second allocation of \$6,315,100 was approved in October 2016 in FY 16-17.  <u>Outcome/Output:</u> As traffic patterns changed, ATCS has the advantage over existing systems in that traffic signal timing is automatically changed in real time to match the current conditions. This immediately leads to an improvement in the Level of Service (LOS) and reduced traffic congestion, fuel consumption and air pollution. Results have shown that ATCS provides a minimum of 3% added capacity as compared to existing ATCS system.  <b><u>Amend Resolution TLS1B-A-1617-02 to deallocate \$1,564,456 in Proposition 1B TLSP funding originally allocated in FY 16-17, to reflect project cost savings upon completion.</u></b>	07-6763 TLSP/16-17 CONST <del>\$11,528,500</del> <b>\$7,888,072</b> 0714000340	2016-17 104-6056 TLSP 20.30.210.400	<del>\$6,315,100</del> <b>\$4,750,644</b> (partial)