

MEMORANDUM

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: June 26-27, 2025

From: STEVEN KECK, Chief Financial Officer

Reference Number: 2.6g.(2), Action Item

Prepared By: Dee Lam, Chief
Division of Local Assistance

Subject: **SUPPLEMENTAL FUNDS ALLOCATION FOR THE TRANSIT AND INTERCITY RAIL CAPITAL PROGRAM – (2018:13) PENINSULA CORRIDOR ELECTRIFICATION EXPANSION PROJECT (BATTERY ELECTRIC MULTIPLE UNIT DEMONSTRATION TRAINSET) COMPONENT RESOLUTION TIRCP-2425-72S**

ISSUE:

Should the California Transportation Commission (Commission) approve a request for an additional \$1,000,000 for the Construction (CON) phase of the Transit and Intercity Rail Capital Program (TIRCP) (2018:13) Peninsula Corridor Electrification Expansion Project (Battery Electric Multiple Unit Demonstration Trainset) component (PPNO CP039A), in various counties?

RECOMMENDATION:

The California Department of Transportation recommends that the Commission approve a request for an additional \$1,000,000 for the CON phase of the TIRCP (2018:13) Peninsula Corridor Electrification Expansion Project (Battery Electric Multiple Unit Demonstration Trainset) component (PPNO CP039A), in various counties.

BACKGROUND:

In August 2023, the Commission allocated \$79,000,000 for the CON phase of the Battery Electric Multiple Unit Demonstration Trainset component (PPNO CP039A), under Resolution TIRCP-2324-16. In May 2025, the Commission approved an allocation amendment to revise the project title and include the request to extend the completion of construction an additional 18 months beyond the Timely Use of Funds deadline, as originally requested by the implementing agency.

PROJECT LOCATION AND DESCRIPTION:

The Battery Electric Multiple Unit Demonstration Trainset component (PPNO CP039A), is located in the counties of San Francisco, San Mateo, and Santa Clara and will construct a demonstration project to design and operate a Battery-Electric Multiple Unit (BEMU) on the non-electrified corridor. The train will be charged while operating on overhead power in the electrified service area, and will operate on battery power when traveling on the non-electrified corridor between San Jose and Gilroy.

FUNDING STATUS:

The current total programmed amount for the CON phase of the Battery Electric Multiple Unit Demonstration Trainset component (PPNO CP039A) is \$79,000,000. However, to complete the CON phase, an additional \$1,000,000 from the TIRCP January 2023 Cycle 6 General Augmentation award is needed.

REASONS FOR THE COST INCREASE:

The Battery Electric Multiple Unit Demonstration Trainset component (PPNO CP039A), is necessary to fund the purchase of the BEMU train to complete the demonstration project. Upon completion, the demonstration will realize reduced reliance on the use of carbon-based energy and reductions in greenhouse gas (GHG) emissions as the BEMU train will replace a diesel train on a non-electrified corridor. This supplemental request will allow the Peninsula Corridor Joint Powers Board to complete the purchase of the BEMU, which is needed to decrease the GHG emissions. At the time of allocation, the amount approved was \$79,000,000, however it should have been \$80,000,000. This supplemental request is needed to correct the allocation amount to \$80,000,000 as initially planned.

CONSEQUENCES:

If this request for supplemental funds is not approved, the construction completion of the Battery Electric Multiple Unit Demonstration Trainset component (PPNO CP039A) will halt the current project timeline and cause delays in the transition away from diesel trains.

FINANCIAL RESOLUTION:

Be it Resolved, that an additional \$1,000,000 be allocated from the Budget Act of 2023, Budget Act Item 2660-301-0046R, to complete the CON phase of the TIRCP (2018:13) Peninsula Corridor Electrification Expansion Project (Battery Electric Multiple Unit Demonstration Trainset) component (PPNO CP039A).

Attachment

2.6 Mass Transportation Financial Matters

Project #	Allocation Amount	Recipient	Project Title	PPNO Program	Funding Year	Item #	Fund Type	State Federal	State Federal	State Federal
<u>RTPA/CTC</u>			Location					Current Amount	Additional	Revised
District-County			Project Description					by Fund Type	Amount by	Amount by
									Fund Type	Fund Type
2.6g.(2)			Supplemental - Transit and Intercity Rail Capital Program							Resolution TIRCP-2425-72S
1	\$1,000,000	Peninsula Corridor Joint Powers Board	(2018:13) Peninsula Corridor Electrification Expansion Project (Battery Electric Multiple Unit Demonstration Trainset). Procurement and delivery of one four-car zero-emission bi-level Battery-Electric Multiple Unit (BEMU) demonstration trainset to Caltrain to operate on non-electrified track.	04-CP039A	TIRCP/2023-24	CONST	301-0046R GF	\$79,000,000		\$79,000,000
<u>MTC</u>			<u>Outcome/Outputs:</u> Reduced greenhouse gas emissions and diesel pollution from replacement of Caltrain diesel service.		TIRCP/2023-24	CONST	301-0046R GF		\$1,000,000	\$1,000,000
04-Various			Total revised amount \$80,000,000.				30.20.301.100			
			CEQA - EIR, 02/01/2014				0025000152			
			Future consideration of funding approved under Resolution E-16-93; December 2016.				S			
			Addendum to the previously approved future consideration of funding approved under Resolution E-23-127A; August 2023.				R392GI			
			Right of Way Certification: N/A							
			Peninsula Corridor Joint Powers Board will exercise an option in an existing TIRCP funded contract.							
			This project will be implemented using the design build method.							
			In July 2023, Project 2018:13 was awarded \$80,000,000 Cycle 6 General Fund Augmentation funding.							