

## **MEMORANDUM**

**To:** CHAIR AND COMMISSIONERS  
CALIFORNIA TRANSPORTATION COMMISSION

**CTC Meeting:** October 9, 2019

**From:** STEVEN KECK, Chief Financial Officer

**Reference Number:** 4.23, Information Item

**Prepared By:** Ronald E. Sheppard, Chief (Acting)  
Division of Rail and Mass Transportation

**Subject:** **TRANSIT AND INTERCITY RAIL CAPITAL PROGRAM (TIRCP) – PROGRAM OF PROJECTS UPDATE**

### **SUMMARY:**

The California Department of Transportation (Department) is presenting to the California Transportation Commission (Commission) a current Programming and Allocation Plan for the California State Transportation Agency's (CalSTA) 2018 Transit and Intercity Rail Capital Program (TIRCP). This updated plan includes the list of awarded projects, separated by components, with allocations from Fiscal Year 2018-19 and the projected allocation amounts for 2018-19 through 2023-24.

### **BACKGROUND:**

The TIRCP was created to fund transformative capital improvements that modernize California's intercity rail, bus (including feeder buses to intercity rail services, as well as vanpool services that are eligible to report as public transit to the Federal Transit Administration), ferry, and rail transit systems (collectively referred to as transit services or systems inclusive of all aforementioned modes unless otherwise specified) to achieve all of the following policy objectives, as established in Section 75220(a) of the PRC:

- Reduce emissions of greenhouse gases
- Expand and improve transit service to increase ridership
- Integrate the rail service of the state's various rail operations, including integration with the high-speed rail system
- Improve transit safety

*"Provide a safe, sustainable, integrated and efficient transportation system  
to enhance California's economy and livability"*

Additionally, Section 75221(c) of the PRC establishes a programmatic goal to provide at least 25 percent of available funding to projects that provide a direct, meaningful, and assured benefit to disadvantaged communities, consistent with the objectives of Chapter 830 of the Statutes of 2012. Assembly Bill (AB) 1550 provides further requirements related to ensuring investments meet the needs of priority populations, a term used to cover disadvantaged communities, low-income communities and low-income households. Investments made by TIRCP are expected to collectively meet or exceed the requirements in AB 1550.

**Programming:**

CalSTA established the five-year program of approved projects at the time of the 2018 Award Announcement (April 2018) and presented the program to the Commission, May 2018. When CalSTA released the award announcement, it included a narrative for each approved project that described that project's rating for primary and secondary criteria as well as special considerations to achieve disadvantaged and/or low-income community benefit and geographic equity. Subsequent five-year programs are expected to be approved by CalSTA biennially. CalSTA may call for additional programming, or adjust existing programming between cycles, as warranted based on the level of auction proceeds.

The allocation plan for the program and for any awarded project may be adjusted over time to address project or program needs and is used to plan and track the allocation of projects. The program of projects for each fiscal year will include for each project, the amount to be funded from the TIRCP. The yearly allocation amounts will be based on the needs of separable project components or the cash flow needs for projects that need many years to complete. Enclosed is the updated allocation plan for the 2018 TIRCP Program.

Attachment

[For an ADA-compliant version of the Cycle 3 Allocation Plan, please follow this link.](#)

Transit and Intercity Rail Capital Program - Program of Projects Update														
Cycle 3, September 25, 2019														
Project Information							Programming							
Year Awarded	Project No.	Award Amount	Agency	Implementing Agency	Project Title	Separable Phases/ Components	PPNO	Phase	FY18/19 (Prior)	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24+
2018	1	\$ 14,000,000	Alameda Contra Costa Transit District	Alameda Contra Costa Transit District	Purchase Zero Emission High Capacity Buses to Support Transbay Tomorrow and Clean Corridors Plan	Zero-emission buses for service expansion	2320B	CONST		\$ 13,500,000				
						Network Integration	2320BN	CONST	\$ 500,000					
2018	2	\$ 28,617,000	Anaheim Transportation Network	Anaheim Transportation Network	#Electrify Anaheim: Changing the Transit Paradigm in Southern California	10 Microtransit electric vehicles, signage & mobile app development	CP027	CONST	\$ 802,000					
						Zero-emission electric buses		CONST	\$ 22,857,000					
						Operations and maintenance facility with solar canopy		CONST		\$ 4,958,000				
2018	3	\$ 13,156,000	Antelope Valley Transit Authority and Long Beach Transit	Antelope Valley Transit Authority	From the Desert to the Sea: Zero Emission Bus Initiative (AVTA Component)	7 zero-emission electric buses and upgrades to supporting infrastructure	CP028	CONST	\$ 7,755,000					
						Facility Improvements		CONST		\$ 1,200,000				
						Network Integration	CP028N	CONST	\$ 250,000					
				Long Beach Transit	From the Desert to the Sea: Zero Emission Bus Initiative (LBT Component)	5 zero-emission battery electric buses	CP028	CONST	\$ 3,951,000					
2018	4	\$ 318,600,000	Bay Area Rapid Transit District	Bay Area Rapid Transit District	Transbay Corridor Core Capacity Program	New BART Rail Vehicles and Communication-Based Train Control System for Improved Service	Pending	CONST		\$ 51,492,000	\$ 28,117,000	\$ 30,105,000	\$ 34,776,000	\$ 174,110,000
2018	5	\$ 80,340,000	Capitol Corridor Joint Powers Authority	Capitol Corridor Joint Powers Authority	Northern California Corridor Enhancement Program	Oakland to San Jose Service Expansion Phase 2	CP036	PA&ED	\$ 3,200,000					
						Oakland to San Jose Service Expansion Phase 2	CP036Y	CONST			\$ 16,800,000	\$ 11,000,000	\$ 20,000,000	
						Integrated Travel Program for Statewide Service and Ticket Integration	CP036	CONST	\$ 6,000,000					
						Integrated Travel Program for Statewide Service and Ticket Integration (Ph 3b & 4)		CONST		\$ 21,340,000				
						Network Integration	CP036N	CONST	\$ 2,000,000					
2018	6	\$ 7,798,000	City of Fresno	City of Fresno	Southwest Fresno Community Connector	Supporting infrastructure for buses	Pending	PS&E		\$ 707,000				
						Purchase 6 long-range electric buses		CONST		\$ 7,091,000				
2018	7	\$ 36,104,000	City of Los Angeles	City of Los Angeles	Los Angeles City: Leading the Transformation to Zero-Emission Electric Bus Transit Service	Zero-emission electric buses, supporting infrastructure, and facility upgrades	CP029	CONST	\$ 35,854,000					
						Network Integration	CP029N	CONST	\$ 250,000					
2018	8	\$ 3,050,000	City of Santa Monica	City of Santa Monica	Electric Blue: Electrification of City of Santa Monica Big Blue Bus	Zero-emission electric buses	CP054	CONST	\$ 3,050,000					
2018	9	\$ 20,500,000	Livermore Amador Valley Transit Authority	Livermore Amador Transit Authority	Dublin/Pleasanton Capacity Improvement and Congestion Reduction Program	Multi-level parking structure	CP051	CONST		\$ 20,000,000				
						Network Integration		CONST	\$ 500,000					
2018	10	\$ 1,088,499,000	Los Angeles County Metropolitan Transportation Authority	Los Angeles County Metropolitan Transportation Authority	Los Angeles Region Transit System Integration and Modernization Program of Projects	Gold Line Foothill Light Rail Extension to Montclair	Pending	CONST		\$ 41,000,000	\$ 46,000,000	\$ 56,000,000	\$ 56,000,000	\$ 91,200,000
						Orange/Red Line to Gold Line BRT Connector	Pending	CONST					\$ 25,000,000	\$ 25,000,000
						East San Fernando Valley Transit Corridor	Pending	CONST						\$ 204,999,000
						West Santa Ana Light Rail Transit Corridor	Pending	CONST					\$ 62,900,000	\$ 237,100,000
						Vermont Transit Corridor	Pending	PA&ED		\$ 5,000,000				
						Green Line Light Rail Extension to Torrance	Pending	CONST					\$ 31,300,000	\$ 200,000,000
						Network Integration	CP030N	CONST	\$ 7,000,000					
2018	11	\$ 40,412,000	Los Angeles-San Diego-San Luis Obispo Rail Corridor Agency (LOSSAN)	North County Transit District	All Aboard 2018: Transforming Southern California Rail Travel	North San Diego County Fencing Design	CP031	PS&E	\$ 259,000					
						North San Diego County Fencing (CON)		CONST		\$ 1,041,000				
				LOSSAN		Signal Respacing and Optimization		PA&ED		\$ 1,500,000				
				LOSSAN		Signal Respacing and Optimization		CONST		\$ 14,400,000				
				LOSSAN		On-Time Performance Program for Service Improvements	CP031Y	CONST	\$ 2,299,000	\$ 4,367,000	\$ 3,907,000	\$ 3,448,000	\$ 8,941,000	
				LOSSAN		Network Integration	CP031N	CONST		\$ 250,000				



Transit and Intercity Rail Capital Program - Program of Projects Update														
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Project Information							Programming							
Year Awarded	Project No.	Award Amount	Agency	Implementing Agency	Project Title	Separable Phases/ Components	PPNO	Phase	FY18/19 (Prior)	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24+
2018	12	\$ 147,930,000	Los Angeles-San Diego-San Luis Obispo Rail Corridor Agency (LOSSAN)	Los Angeles-San Diego-San Luis Obispo Rail Corridor Agency (LOSSAN)	Building Up: LOSSAN North Improvement Program	Island Centralized Traffic Control	CP042	PS&E	\$ 1,500,000					
						Upgrade of Non-Powered Switches		PS&E	\$ 2,500,000					
						Track, signal, and siding projects Wave 1		CONST		\$ 37,800,000				
						Goleta Layover Facility Improvements		PS&E	\$ 180,000					
						Track, signal, siding & layover facility projects Wave 2	CP042Y	PA&ED		\$ 4,780,000				
						Track, signal, siding & layover facility projects Wave 2		CONST			\$ 66,772,000	\$ 7,539,000	\$ 3,299,000	
						On-Time Performance Program for Service Improvements		CONST	\$ 4,284,000	\$ 3,856,000	\$ 3,427,000	\$ 2,999,000	\$ 8,994,000	
2018	13	\$ 164,522,000	Peninsula Corridor Joint Powers Board	Peninsula Corridor Joint Powers Board	Peninsula Corridor Electrification Expansion	Corridor Wide Broadband Communications Network and Bike Parking Enhancements	CP039	PS&E	\$ 3,000,000					
						Procurement of electric multiple units	CP039Y	CONST	\$ 58,000,000		\$ 29,591,000	\$ 29,591,000		\$ 41,340,000
						Network Integration	CP039N	CONST	\$ 3,000,000					
2018	14	\$ 64,350,000	Sacramento Regional Transit District	Sacramento Regional Transit District	Accelerating Rail Modernization and Expansion in the Capital Region	Purchase Low Floor Light Rail Vehicles	CP053Y	CONST		\$ 30,932,000				
						Track and Station Improvements		CONST		\$ 9,353,000				\$ 23,815,000
						Network Integration	CP053N	CONST	\$ 250,000					
2018	15	\$ 30,000,000	San Bernardino County Transportation Authority	San Bernardino County Transportation Authority	DMU to ZEMU - Diesel Multiple Unit Vehicles to Zero-Emission Vehicle Conversion	DMU conversion and supporting infrastructure for zero emission vehicles	CP034	PA&ED	\$ 500,000					
						DMU to ZMU Conversion Design		PS&E	\$ 4,500,000					
						Vehicle procurement		CONST	\$ 12,000,000					
						Vehicle conversion & testing	CP034Y	CONST		\$ 3,000,000	\$ 10,000,000			
2018	16	\$ 5,763,000	San Diego Association of Governments	San Diego Association of Governments	Ride Between the Line: Enhancing Access to Transit in San Diego	Improvements to transit stops for improved services including separated bike lane along University Avenue	Pending	CONST		\$ 5,763,000				
2018	17	\$ 40,098,000	San Diego Metropolitan Transit System	San Diego Metropolitan Transit System	Blue Line Rail Corridor Transit Enhancements	Design for Blue Line Improvements	CP032	PS&E	\$ 1,555,000					
						Blue Line Trolley Corridor improvements and new Blue Line feeder bus service.	CP032	CONST		\$ 29,576,000	\$ 3,740,000			
						Middletown Double Crossover	CP032	CONST		\$ 4,977,000				
						Network Integration	CP032N	CONST	\$ 250,000					
2018	18	\$ 26,867,000	San Francisco Municipal Transportation Agency	San Francisco Municipal Transportation Agency	Transit Capacity Expansion Program	Procurement of 8 additional expansion light rail vehicles	CP006	CONST	\$ 26,867,000					
2018	19	\$ 500,500,000	San Joaquin Joint Powers Authority and San Joaquin Regional Rail Commission	San Joaquin Joint Powers Authority and San Joaquin Regional Rail Commission	Valley Rail	Environmental Clearance and Preliminary Engineering	CP035	PA&ED	\$ 12,699,000					
						Design (Station and Track)		PS&E	\$ 626,000	\$ 4,525,000	\$ 1,265,000	\$ 7,000,000		
						Acquisition of Right of Way	CP035Y	R/W		\$ 12,770,000	\$ 1,059,000	\$ 8,963,000		
						Coach Car Procurement of four (4) new passenger rail coach cars.	CP0035	CONST		\$ 15,550,000				
						Procurement, Station Construction, Station tracks, layover facilities, and improvements in coordination with the host railroad to support Valley Rail Service		CONST			\$ 305,704,000	\$ 26,250,000	\$ 29,339,000	\$ 73,800,000
						Network Integration	CP035N	CONST	\$ 1,000,000					
2018	20	\$ 15,000,000	San Mateo County Transit District	San Mateo County Transit District	SamTrans Express Bus Pilot	Procurement of new zero-emission electric buses	Pending	CONST		\$ 15,000,000				
2018	21	\$ 9,600,000	Santa Barbara County Association of Governments	Santa Barbara County Association of Governments	Coastal Express/Pacific Surfliner Peak Hour Service Expansion & Integration	Design of transit facility improvements	CP048	PS&E	\$ 300,000					
						Transit Facility Improvements		CONST		\$ 5,000,000				
						Procurement of zero emission buses		CONST		\$ 4,300,000				
2018	22	\$ 13,009,000	Santa Barbara County Association of Governments	Santa Barbara County Association of Governments	Goleta Train Depot	Environmental assessment for new depot	CP047	PA&ED	\$ 590,000	\$ 960,000				
						Design of Goleta Depot	CP047	PS&E		\$ 1,212,000				
						Procurement of electric shuttles	CP047	CONST		\$ 400,000				
						Construction of multi-modal train depot	CP047Y	CONST			\$ 9,597,000			
						Network Integration	CP047N	CONST	\$ 250,000					
2018	23	\$ 730,000,000	Santa Clara Valley Transportation Authority	Santa Clara Valley Transportation Authority	VRTA's BART Silicon Valley Extension, Phase II	BART rail service extension to San Jose	Pending	CONST		\$ 50,000,000	\$ 55,000,000	\$ 65,000,000	\$ 68,360,000	\$ 491,640,000
2018	24	\$ 8,641,000	Shasta Regional Transportation Agency	Shasta Regional Transportation Agency	North State Intercity Bus System	Procurement of 7 electric coaches & related infrastructure	CP045	CONST	\$ 8,641,000					
2018	25	\$ 10,788,000	Solano Transportation Authority	Solano Transportation Authority	Solano Regional Transit Improvements	Vehicle procurement	CP046	CONST		\$ 4,663,000				
						Capital improvements for improved transit service		CONST	\$ 5,875,000					
						Network Integration		CONST	\$ 250,000					



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2018	26	\$ 21,000,000	Sonoma-Marin Area Rail Transit District	Sonoma-Marin Area Rail Transit District	SMART Larkspur to Windsor Corridor	Rail extension to Windsor and Larkspur Network Integration	CP041	CONST	\$ 20,000,000					
							CP041N	CONST	\$ 1,000,000					
2018	27	\$ 875,708,000	Southern California Regional Rail Authority	Southern California Regional Rail Authority	Southern California Optimized Rail Extension (SCORE)	Environmental assessment for Wave 1 & 2	CP033	PA&ED	\$ 6,500,000					
						Design for service improvements Wave 1 and Wave 2 on the SB, VC, OC and LA Trunk lines	CP033Y	PS&E	\$ 29,825,000	\$ 30,708,000	\$ 2,653,000			
						LA to Fullerton Track Improvements for Wave 1A, Design/Build		CONST	\$ 5,200,000	\$ 5,200,000	\$ 18,472,000	\$ 51,397,000	\$ 51,774,000	
						Construction component for Wave 1B		CONST			\$ 4,784,000	\$ 39,472,000	\$ 51,427,000	
						Fleet & Facilities Ph 1		CONST	\$ 23,160,000	\$ 19,016,000	\$ 2,062,000			
						Fleet & Facilities Ph 2		CONST			\$ 2,380,000	\$ 19,040,000	\$ 26,180,000	
						WAVE 2: Siding, station improvements, signals and capacity improvements		CONST			\$ 3,662,000	\$ 29,296,000	\$ 40,280,000	
				Orange County Transportation Authority (OCTA)		OC Maintenance Facility		PA&ED		\$ 4,829,000				
				Los Angeles County Metropolitan Transportation Authority		LINK US: Environmental Clearance & Preliminary Design	CP033	PA&ED	\$ 23,021,000					
						LINK US: Final Design		PS&E		\$ 22,158,000				
						LINK US: Right of Way		R/W		\$ 68,531,000				
						LINK US: Construction		CP033Y	CONST		\$ 57,755,000	\$ 63,766,000	\$ 51,164,000	\$ 111,996,000
				Southern California Regional Rail Authority		Network Integration	CP033N	CONST	\$ 10,000,000					
2018	28	\$ 10,148,000	Transportation Agency for Monterey County	Transportation Agency for Monterey County	Rail Extension to Monterey County	New passenger rail service to Salinas	1155	CONST		\$ 8,033,000				
						Positive Train Control		CONST		\$ 1,615,000				
						Network Integration	1155N	CONST	\$ 500,000					
2018 Award Total		\$ 4,325,000,000							\$ 364,350,000	\$ 587,353,000	\$ 677,747,000	\$ 450,866,000	\$ 569,734,000	\$ 1,675,000,000

\$ 2,725,228,848	GGRF Revenues	\$ 99,234,296	\$ 319,994,552	\$ 236,000,000	\$ 230,000,000	\$ 230,000,000	\$ 230,000,000	\$ 230,000,000	\$ 1,380,000,000
\$ 3,546,649,232	SB 1 Revenues	\$ 304,449,232	\$ 332,000,000	\$ 340,000,000	\$ 261,000,000	\$ 267,000,000	\$ 274,000,000	\$ 1,768,200,000	
\$ 6,271,878,080	Total Revenues	\$ -	\$ 651,994,552	\$ 576,000,000	\$ 491,000,000	\$ 497,000,000	\$ 504,000,000	\$ 1,675,000,000	
\$ 1,946,878,080	Fiscal Year Surplus/(Deficit) Relative to Programming	\$ 403,683,528	\$ 287,644,552	\$ (11,353,000)	\$ (186,747,000)	\$ 46,134,000	\$ (65,734,000)	\$ 1,473,200,000	
n/a	Cumulative Surplus/(Deficit) Relative to Programming		\$ 691,328,080	\$ 679,975,080	\$ 493,228,080	\$ 539,362,080	\$ 473,628,080	\$ 1,946,828,080	

Revenues reflect the year of actual or budgeted receipt into the TIRCP Program. Columns reflect the source year of the funding assigned to each allocation, and these amounts are subject to change.  
Revenues available and anticipated reflect the deduction from program proceeds of administrative funds budgeted for Caltrans.  
Unspent administrative funds remain with the TIRCP Program and may be available to support the current projects or future projects, and result in changes to the available resources of the Program.  
This document is a working programming document subject to revision. Projects remain programmed unless specifically de-programmed by the California State Transportation Agency.