

## **MEMORANDUM**

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

**CTC Meeting:** March 16-17, 2022

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

**Reference Number:** 3.11, Information Item

**Prepared By:** Kyle Gradinger, Chief  
Division of Rail & Mass Transportation

**Subject:** **TRANSIT AND INTERCITY RAIL CAPITAL PROGRAM SEMI-ANNUAL REPORT**

### **SUMMARY:**

The California Department of Transportation (Department) is presenting to the California Transportation Commission (Commission) the Semi-Annual Report for the California State Transportation Agency's (CalSTA) Transit and Intercity Rail Capital Program (TIRCP). This report includes an overall program update and a status for all 74 awarded projects from all four funding cycles.

### **BACKGROUND:**

The TIRCP was created by Senate Bill (SB) 862 and modified under SB 9 to continuously appropriate to CalSTA, the ability to provide Cap-and-Trade auction proceeds to fund transformative capital improvements that will modernize California's intercity, commuter and urban rail, bus and ferry transit systems. In addition, SB 1 provides a significant funding increase to the program, generating an additional \$250 million annually.

To date, CalSTA has awarded over \$5.4 billion in TIRCP funds to 74 projects over four award cycles (2015, 2016, 2018 and 2020). In the most recent award cycle announced in April 2020, CalSTA awarded \$500 million to 17 recipients.

As a condition of project selection and allocation, implementing agencies are required to submit to the Department reports on activities and progress made toward implementation of projects. The purpose of this reporting requirement is to ensure that projects achieve the goals and benefits of the program, and that projects are executed in a timely fashion and are within the scope and budget identified at the time of selection.

Attachments:

*"Provide a safe and reliable transportation network that serves all people and respects the environment."*

Transit and Intercity Rail Capital Program (TIRCP) Semi-Annual Report  
July 1, 2021 – December 31, 2021



# Semi-Annual Report Transit and Intercity Rail Capital Program

Prepared on behalf of CalSTA by Caltrans Division of Rail and Mass Transportation  
March 2022

The purpose of this report is to provide information on the projects in the Transit and Intercity Rail Capital Program (TIRCP).

## Background

The objective of the TIRCP is 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). Funding focuses on priority populations, contributing direct, meaningful, and assured benefits to disadvantaged communities, low-income communities, or low-income households.

In Cycles 1 and 2, the TIRCP was exclusively funded by 10 percent of annual State Cap-and-Trade auction proceeds from the Greenhouse Gas Reduction Fund (GGRF). Beginning with Cycle 3 and beyond, GGRF funding is enhanced by Senate Bill 1 (SB 1) funding. All projects are awarded by the California State Transportation Agency (CalSTA) through a competitive grant process.

The primary goals of the TIRCP are:

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

## Awards to Date

Through December 31, 2021, there have been four award cycles. CalSTA awarded over \$5.4 billion in TIRCP funds to 74 projects. \$1.675 billion was awarded to seven projects in Cycle 3 that represent multi-year funded projects. These multi-year funded projects are allocated over a ten-year period instead of a five-year period, pursuant to legislative appropriation and/or generated revenues.

## Summary of Cycle 1 (Awarded June 2015)

Cycle 1 of the TIRCP awarded \$224 million to 14 projects, which included \$25 million of 2014-15 funds as well as 10 percent of annual State Cap-and-Trade auction proceeds from the GGRF. The TIRCP adopted a program of projects that funded FY's 2014- and 2015-16 for both transit and rail investments, including demonstration projects.

The selected projects support approximately \$720 million in public transportation investments and reduce an estimated 860,000 metric tons of carbon dioxide (MTCO<sub>2e</sub>), the equivalent to taking 180,000 cars off the road.

### Summary of Cycle 2 (Awarded August 2016)

In FY's 2016-17 and 2017-18, the TIRCP received 41 applications and awarded \$391 million to 14 projects. Although not considered a TIRCP project, Senate Bill 132 (SB 132) identified the ACE Merced Extension as a recipient of \$400 million with appropriation authority from the Public Transportation Account to the TIRCP to extend the Altamont Corridor Express to Ceres and Merced, which is being administered by Caltrans through Cycle 2 award funding.

These projects, valued at more than \$3.8 billion, will reduce 4,129,500 of MTCO<sub>2e</sub> and 13 projects directly benefit priority populations.

### Summary of Cycle 3 (Awarded April 2018)

In April 2018, the TIRCP awarded \$2.6 billion over a five-year cycle to 28 projects were selected from 47 applications received. Additionally, \$1.675 billion was made available to seven selected of those recipients through multi-year funding agreements, providing funding through FY 2027-2028.

Cycle 3 projects have a total construction value of over \$19 billion, reduce 31,942,000 of MTCO<sub>2e</sub>, and 26 projects are located within priority populations.

### Summary of Cycle 4 (Awarded April 2020)

In April 2020, the TIRCP awarded \$500 million to 17 projects over a five-year cycle. Cycle 4 projects have a total project cost of over \$5.4 billion and will reduce 5,016,000 of MTCO<sub>2e</sub>. All 17 projects are located within priority populations.

### Program Funding Sources

- Cycle 1, 2-year cycle; GGRF funding only
- Cycle 2, 2-year cycle; GGRF and SB 132 funding (additional \$400 million)
- Cycle 3, 5-year cycle; includes GGRF and SB 1 funding (7 projects have multi-year funding agreements, extending to FY 2027-2028)
- Cycle 4, 5-year cycle: includes GGRF and SB 1 funding

## Program Status Attachments

To date, over \$5.4 billion in TIRCP funds have been awarded to 74 projects across four award cycles (2015, 2016, 2018 and 2020). The table in Attachment 1 represents the current funding status of the program as well as the funding status from the last Semi-Annual Report (June 2021).

Attachment 1 shows 97 percent of allocated dollars in Cycle 1 are expended, and 9 of 14 projects are completed. In Cycle 2, 82 percent of awarded funds are allocated with one project completed. Cycle 3 allocated more than \$1.6 billion since 2018 and completed one project. Cycle 4 allocated \$74 million since awards were announced in April 2020.

Attachment 2 provides the award recipient, project title, project description/component, third-party contract award date, allocation amount, allocation date, allocation phase, expended amount, and percent of allocations expended. Attachment 2 also includes a narrative description of the status of each project as of December 31, 2021.

## Accountability

This report reflects the TIRCP's status and represents another element of the California Department of Transportation's commitment to transparency and accountability. TIRCP reports are presented to the California Transportation Commission semi-annually, consistent with other program reports. This document is intended to provide the Commission with meaningful and useful information on the progress and status of the TIRCP.

## Attachments

Transit and Intercity Rail Capital Program Semi-Annual Report  
as of December 31, 2021

Reference No. 3.11  
March 16-17, 2022  
Page 1 of 1  
Attachment 1

	<b>Cycle 1 Last Report</b>	<b>Cycle 1 Current Report</b>	<b>Cycle 2 Last Report</b>	<b>Cycle 2 Current Report</b>	<b>Cycle 3 Last Report</b>	<b>Cycle 3 Current Report</b>	<b>Cycle 4 Last Report</b>	<b>Cycle 4 Current Report</b>	<b>Current Program Totals</b>
<b>Number of Awarded Projects</b>	14	14	14	14	28	28	17	17	<b>74</b>
<b>Award Amount* In \$000s</b>	\$224,278	\$224,278	\$390,893	\$390,838	\$4,325,000	\$4,325,000	\$500,000	\$500,000	<b>\$5,440,171</b>
<b>Amount Allocated in \$000s</b>	\$224,278	\$224,278	\$318,741	\$318,741	\$1,569,282	\$1,659,906	\$50,030	\$74,370	<b>\$2,277,295</b>
<b>Percent Allocated</b>	100%	100%	82%	82%	37%	38%	6%	10%	<b>42%</b>
<b>Expended Amount** in \$000s</b>	\$210,402	\$216,912	\$168,011	\$168,869	\$222,023	\$268,430	\$6,693	\$12,140	<b>\$666,351</b>
<b>Expended Percent (Related to Awarded)</b>	94%	97%	43%	43%	5%	6%	.01%	.02%	<b>12%</b>
<b>Expended Percent (Related to Allocated)</b>	94%	97%	53%	53%	14%	16%	13%	16%	<b>29%</b>
<b>Completed Projects</b>	9	9	1	1	1	1	0	0	<b>11</b>

\*Cycles 1 and 2 are GGRF funds only. Cycles 3 and 4 GGRF and PPT-SB1 funds

\*\*Corrected Cycle 2 last report expended amount

TIRCP Semi-Annual Report  
July 1 - December 31, 2021

Award Year	Project No.	Award Recipient	Implementing Agency	Project Title	Percent of Award Fully Allocated	Project Description/ Component	PPNO	Allocation Amount	Allocation Phase	Allocation Date	CON Contract Award Date	Expended Amount	Percent of Allocation Expended	Allocated Before July 2020	Phase Completion Date	Phase Closed-Out	Status
<b>TIRCP Cycle #1</b>																	
2015	1	Antelope Valley Transit Authority	Antelope Valley Transit Authority	Regional Transit Interconnectivity and Environmental Sustainability	100%	Purchase 13 60-foot Articulated BRT Buses and 16 45-foot Electric Commuter Buses	CP005	\$24,403,000	CON	10/22/2015	3/14/2016	\$21,704,178	89%	X	Mar-22		Agency expects to submit an invoice Q4 2022.
2015	9	San Diego Metropolitan Transit System	San Diego Metropolitan Transit System	Trolley Capacity Improvements	100%	Courthouse Trolley Station (Construction)	CP008	\$3,760,000	CON	6/29/2017	7/24/2017	\$3,760,000	100%	X	6/29/2020	X	Expenditures increased from \$0 to \$3,760,000. Post-fact 12 month time extension Waiver 21-138, 12/9/2021 CTC meeting allowing for final billing of all costs incurred prior to the "Last Expenditure Date" expiration. Phase is closed and will be removed from future reports.
2015	13	Southern California Regional Rail Authority	Southern California Regional Rail Authority	Purchase of Nine Fuel-Efficient Tier 4 EMD F-125 Locomotives for Metrolink Commuter Rail Service	100%	Purchase of Nine Tier 4 Locomotives to Support Expanded Service	CP002	\$41,181,000	CON	8/27/2015	10/15/2015	\$41,181,000	100%	X	Sep-22		Expenditures increased from \$38,023,039 to \$41,181,000. Phase will be closed out once local agency agrees to final acceptance of vehicles following warranty period and will be reflected in future reports.
2015	14	Sonoma-Marín Area Rail Transit District	Sonoma-Marín Area Rail Transit District	SMART Rail Car Capacity	100%	Purchase of Four Rail Cars to Support Additional Passenger Capacity	CP010	\$11,000,000	CON	3/17/2016	4/6/2016	\$11,000,000	100%	X	12/31/2021	X	Expenditures increased from \$8,250,000 to \$11,000,000. Complete. Will be removed from future reports.
<b>TOTAL – TIRCP Cycle #1</b>								<b>\$80,344,000</b>		--		<b>\$77,645,178</b>	<b>97%</b>				
<b>TIRCP Cycle #2</b>																	
2016	1	Antelope Valley Transit Authority	Antelope Valley Transit Authority	Zero Emission Bus and Vanpool Expansion in the Antelope Valley, Kern County and the Coachella Valley	100%	Purchase 15 Zero-Emission Buses to be Operated by AVTA and Kern Regional Transit within Los Angeles and Kern Counties	CP018	\$6,481,000	CON	1/19/2017	3/22/2017	\$6,481,000	100%	X	Sep-21		Phase will be closed out by March 2022.
2016	2	Capitol Corridor Joint Powers Authority	Capitol Corridor Joint Powers Authority	Increased Rail Service to Roseville, Service Optimization, Standby Power	38%	Install 2 Standby Power Cabinets	CP023	\$200,000	CON	3/16/2017	-	\$0	0%	X	Jun-24		3rd Party Contract was never awarded because bids came in much higher than expected. CCJPA decided it was way over a decent cost/benefit ratio and wasn't worth doing the component. Received Time Extension originally with CalSTA waiver, which lapsed in Jan 2021. This component is expected to be deallocated at a future meeting.
						Optimization Study		\$320,000	CON	5/17/2017	6/1/2017	\$315,332	99%	X	Jun-21		Expenditures increased from \$172,650 to \$315,332
						Sacramento to Roseville Third Mainline Track		\$2,886,000	PS&E	6/29/2017	-	\$120,000	4%	X	Feb-24		Expenditures increased from \$93,804 to \$120,000.
								\$40,000	R/W	12/6/2017	-	\$0	0%	X	Feb-24		Completion deadline February 28, 2024 per October 2020 CTC meeting book item #3.9. First invoice expected after 30% design is approved. 30 percent approval expected 2022.
2016	3	Foothill Transit	Foothill Transit	Transforming California: Bus Electrification, Service Expansion and Rail Integration	100%	Purchase 20 Zero-Emission Electric Buses to Extend Route 486 to Pomona Metrolink Station and Increase Frequencies	CP076	\$5,000,000	CON	6/24/2021	8/9/2021	\$0	0%		-		
2016	4	City of Fresno	City of Fresno	Fresno Metropolitan Rapid Transit and Rail	100%	Modernized Fare Payment Systems	CP016	\$4,083,000	CON	12/7/2016	1/13/2017	\$2,856,157	70%	X	Dec-22		Agency submitted invoice January 2022.
						Bus Stop Improvements		\$3,917,000	CON	6/24/2020	Jun-22	\$0	0%	X	Jun-24		A time extension by CTC was approved at the June 2021 meeting to extend the deadline to award a 3rd party contract until 6/30/2022.
2016	5	Los Angeles County Metropolitan Transportation Authority	Los Angeles County Metropolitan Transportation Authority	Airport Metro Connector 96th Street Station/Metro Green Line Extension to LAX	100%	Construct New Station to Connect LAX People Mover to Metro Green Line, Crenshaw Line and Buses	CP058	\$40,000,000	CON	6/24/2020	9/22/2021	\$0	0%	X	Nov-24		

TIRCP Semi-Annual Report  
July 1 - December 31, 2021

Award Year	Project No.	Award Recipient	Implementing Agency	Project Title	Percent of Award Fully Allocated	Project Description/ Component	PPNO	Allocation Amount	Allocation Phase	Allocation Date	CON Contract Award Date	Expended Amount	Percent of Allocation Expended	Allocated Before July 2020	Phase Completion Date	Phase Closed-Out	Status	
2016	6	Los Angeles County Metropolitan Transportation Authority	Los Angeles County Metropolitan Transportation Authority	Metro Red and Purple Line Capacity Improvements	100%	Construction	CP020	\$64,437,000	CON	12/4/2019	3/26/2020	\$0	0%	X	Jul-24		Agency expected to submit an invoice the Q3 2022.	
2016	7	Los Angeles-San Diego-San Luis Obispo Rail Corridor Agency (LOSSAN)	San Diego Association of Governments	All Aboard: Transforming Southern California Rail Travel	90%	Elvira to Morena Double Track	CP021	\$61,383,000	CON	3/16/2017	1/14/2019	\$61,383,000	100%	X	Oct-22			
						Carlsbad Poinsettia Station	CP024	\$4,617,000	CON	6/29/2017	2/3/2018	\$4,617,000	100%	X	Jan-22			
						LOSSAN North Robust Timetable	CP043	\$500,000	CON	10/18/2018	1/14/2019	\$421,378	84%	X	Dec-21			Expenditures increase from \$415,969 to \$421,378.
						LOSSAN Wide Network Integration and Strategic Investment Planning		\$500,000	CON	10/18/2018	1/14/2019	\$421,378	84%	X	Dec-21			Expenditures increase from \$415,969 to \$421,378.
						Island Centralized Traffic Control		\$5,860,000	CON	1/28/2021	5/28/2021	\$0	0%		-			Submitted an invoice in January 2022.
						Upgrade of Non-Powered Switches		\$1,000,000	CON	1/28/2021	5/28/2021	\$0	0%		-			Submitted an invoice in January 2022.
2016	8	Orange County Transportation Authority	Orange County Transportation Authority	OC Streetcar and System-Wide Mobile Ticketing	100%	Construct OC Streetcar Project Connecting Santa Ana and Garden Grove with Zero-Emission Service	CP017	\$25,586,000	CON	5/17/2018	11/19/2018	\$12,705,055	50%	X	May-22		A concurrent time extension request for 20 months for the period of completion going forward at the March 2022 meeting. In compliance with TIRCP Semi-Annual Report presented to the Commission at the October 2020 CTC meeting.	
2016	9	Peninsula Corridor Joint Powers Board	Peninsula Corridor Joint Powers Board	Peninsula Corridor Electrification	100%	Electrify Caltrain Corridor and Procurement of Electric Multiple Unit Vehicles	CP022	\$20,000,000	CON	6/29/2017	8/15/2016	\$15,789,858	79%	X	Aug-22		Expenditures increased from \$15,314,094 to \$15,789,858. LONP 12/7/2016 TIRCP-1617-02 The 3rd party contract date is correct (8/15/2016). There is other funding tied to this project. After the LONP was issued, PCJPB issued a Notice to Proceed in May 2017, but the 3rd party contract was executed in August 2016.	
2016	13	San Joaquin Regional Rail Commission	San Joaquin Regional Rail Commission	ACE Near-Term Capacity Improvement Program	49%	Platforms	CP025	\$500,000	PS&E	6/27/2018	-	\$428,492	86%	X	Jan-22		Expenditures increased from \$422,840 to \$428,492. January CTC Waiver 22-11 extended this LED by 6 months to July 31, 2022.	
TOTAL – TIRCP Cycle #2								\$247,310,000		---	-	\$105,538,650	43%					



TIRCP Semi-Annual Report  
July 1 - December 31, 2021

Award Year	Project No.	Award Recipient	Implementing Agency	Project Title	Percent of Award Fully Allocated	Project Description/ Component	PPNO	Allocation Amount	Allocation Phase	Allocation Date	CON Contract Award Date	Expended Amount	Percent of Allocation Expended	Allocated Before July 2020	Phase Completion Date	Phase Closed-Out	Status	
<b>TIRCP Cycle #3</b>																		
2018	1	Alameda Contra Costa Transit District	Alameda Contra Costa Transit District	Purchase Zero Emission High Capacity Buses to Support Transbay Tomorrow and Clean Corridors Plan	100%	Procurement of 10 Micro transit Electric Vehicles, Signage & Mobile App Development	2320B	\$6,500,000	CON	10/22/2020	3/18/2021	\$0	0%		-		Payment on delivery, testing, and acceptance of buses. First invoice expected Q1 FY 22/23. Allocated prior to June 30, 2021. 12 mos. to award contract per Amendment to the 2020 Interim Timely Use of Funds Policy, Resolution G-20-84, Amending Resolution G-20-56	
						Facility and Bus Charging Infrastructure		\$1,000,000	PS&E	10/22/2020	-	\$189,354	19%		-		Expenditures increased from \$0 to \$189,354.	
2018	2	Anaheim Transportation Network	Anaheim Transportation Network	#Electrify Anaheim: Changing the Transit Paradigm in Southern California	100%	Procurement of 10 Micro transit Electric Vehicles, Signage & Mobile App Development	CP027	\$802,000	CON	8/16/2018	2/13/2019	\$610,535	76%	X	6/30/2020	X	Project is complete with savings. Expect to request a deallocation by the end of this fiscal year. Phase will be removed from future reports.	
						Procurement of Zero-Emission Electric Buses		\$22,857,000	CON	12/6/2018	7/23/2019	\$13,492,704	59%	X	Jun-23		Expenditures increase from \$2,667,675 to \$13,492,704.	
						Construction of New Operations and Maintenance Facility with Solar Canopy to Charge Zero-Emission Vehicles		\$4,958,000	CON	10/9/2019	4/3/2020	\$1,726,122	35%	X	Apr-23		Expenditures are expected Q3 2022.	
2018	3	Antelope Valley Transit Authority and Long Beach Transit	Long Beach Transit	From the Desert to the Sea: AVTA and LBT Transit Zero Emission Bus Initiative	100%	Purchase of 5 Zero-Emission Battery Electric Buses	CP028	\$3,951,000		10/18/2018	12/20/2019	\$0	0%	X	Mar-22		Delivery of 5 buses was delayed. Agency expects delivery by the end of March 2022 and expects to submit invoice Q4 2022. LBT plans to submit one invoice when the buses are delivered.	
								7 Zero-Emission Electric Buses and Upgrades to Supporting Infrastructure	\$7,755,000	CON	10/18/2018	7/2/2019	\$4,273,576	55%	X	Mar-22		Agency expects to submit final invoice February 2022. Time extension for project completion was approved under Waiver-21-111 in August 9, 2021 extending completion date to March 2022.
		Antelope Valley Transit Authority						Facility Improvements	\$1,200,000	CON	5/14/2020	7/13/2020	\$0	0%	X	Jul-23		There was a pause in Constructions due to Covid and utility issues that AVC had to resolve with Southern California Edison before they could move forward with ensuring a schedule for the construction. Issues were addressed in January 2022. Construction to begin June 2022 once the project schedule is finalized. Agency expects to submit an invoice in Q1 FY 2022/2023.
								Network Integration	\$250,000	CON	10/18/2018	1/7/2019	\$71,540	29%	X	Sep-23		Request to extend the period of project completion for up to 20 months September 2023. (Waiver 22-09, 1/27/2022)
2018	4	Bay Area Rapid Transit District	Bay Area Rapid Transit District	Transbay Corridor Core Capacity Program	100%	Communication-Based Train Control System	CP055Y	\$318,600,000	CON	12/5/2019	9/16/2020	\$12,505,114	4%	X	Jan-30		Expenditures increased from \$0 to \$12,505,114. Multi-year funded project with reimbursement plan through 2026-2029.	
2018	5	Capitol Corridor Joint Powers Authority	Capitol Corridor Joint Powers Authority	The Northern California Corridor Enhancement Program	62%	South Bay Connect Project	CP036	\$20,700,000	PA&ED	12/6/2018	-	\$4,140,973	20%	X	Feb-22		Expenditures increased from \$4,140,973 to \$7,210,220. January CTC Waiver 22-11 extended this LED by 30 months to November 30, 2024	
						Integrated Travel Program for Statewide Service and Ticket Integration (Ph 3b & 4)		\$21,340,000	CON	5/14/2020	5/14/2020	\$7,211,558	34%	X	Dec-25		Corrected invoice amount from \$13,062,094 to \$7,211,557.52	
						Network Integration	CP036N	\$2,000,000	CON	12/6/2018	3/27/2019	\$518,519	26%	X	Dec-23		Expenditures increased from \$475,702 to \$518,519	



TIRCP Semi-Annual Report  
July 1 - December 31, 2021

Award Year	Project No.	Award Recipient	Implementing Agency	Project Title	Percent of Award Fully Allocated	Project Description/ Component	PPNO	Allocation Amount	Allocation Phase	Allocation Date	CON Contract Award Date	Expended Amount	Percent of Allocation Expended	Allocated Before July 2020	Phase Completion Date	Phase Closed-Out	Status
2018	12	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	59%	Island Centralized Traffic Control	CP042	\$1,500,000	PS&E	10/18/2018	-	\$0	0%	X	Jun-22		Agency submitted final invoices totaling \$611,625.29 in January 2022. Agency received approval for deallocation of savings at the January 2022 CTC meeting and reallocation towards the construction phase.
						\$15,140,000		CON	1/28/2021	1/29/2021	\$0	0%		-	Local agency awarded a standard contract for a broader scope with Union Pacific Railroad (contractor) prior to allocation; however, the local agency authorized the contractor to proceed with the work only after the allocations were secured from CTC. First invoice expected in mid-2022.		
						Upgrade of Non-Powered Switches		\$2,500,000	PS&E	10/18/2018	-	\$0	0%	X	Jun-22	Agency submitted final invoices totaling \$107,894.21 in January 2022. Agency received approval for deallocation of savings at the January 2022 CTC meeting and reallocation towards the construction phase.	
						\$3,200,000		CON	1/28/2021	1/29/2021	\$0	0%		-	Local agency awarded a standard contract for a broader scope with Union Pacific Railroad (contractor) prior to allocation; however, the local agency authorized the contractor to proceed with the work only after the allocations were secured from CTC. Invoice expected mid 2022.		
						Pre 1949 Rail Replacement		\$15,100,000	CON	5/14/2020	2/18/2020	\$0	0%	X	May-23	Agency submitted an invoice in January 2022. Multiyear funding. Corrected third party contract award date. Local agency awarded a standard contract for a broader scope with Union Pacific Railroad (contractor) prior to allocation; however, the local agency authorized the contractor to proceed with the work only after the allocations were secured from CTC.	
						Goleta Layover Facility Improvements		\$180,000	PS&E	5/16/2019	-	\$0	0%	X	Jun-22	Agency submitted invoice in December 2021.	
						Narlon Bridge Replacement		\$6,474,000	CON	5/14/2020	2/18/2020	\$0	0%	X	May-23	Agency submitted an invoice in January 2022. Local agency awarded a standard contract for a broader scope with Union Pacific Railroad (contractor) prior to allocation; however, the local agency authorized the contractor to proceed with the work only after the allocations were secured from CTC. Corrected third party contract award date.	
						Rail Tie Replacement		\$8,900,000	CON	5/14/2020	2/18/2020	\$0	0%	X	May-23	Agency submitted an invoice in January 2022. Multiyear funding. Corrected third party contract award date. Local agency awarded a standard contract for a broader scope with Union Pacific Railroad (contractor) prior to allocation; however, the local agency authorized the contractor to proceed with the work only after the allocations were secured from CTC.	
						Corridor Hardening Improvements (Safety)		\$3,055,000	CON	12/3/2020	12/4/2020	\$0	0%		-	Invoice received and is currently being processed for payment.	
						Safety Improvement Program		\$487,000	CON	12/3/2020	12/4/2020	\$0	0%		-	Invoice received and is currently being processed for payment.	
						On-Time Performance Incentive Program for Service Improvements		CP042Y	\$4,284,000	CON	12/6/2018	6/30/2021	\$0	0%	X	Dec-26	Agency submitted an invoice in November 2021. CTC approved Post Fact 18 month contract award extension on 12/09/2021, Waiver 21-130. Phase completion date overrides the date on the October 2020 Semi-Annual Report, per the request of Commission staff.

TIRCP Semi-Annual Report  
July 1 - December 31, 2021

Award Year	Project No.	Award Recipient	Implementing Agency	Project Title	Percent of Award Fully Allocated	Project Description/ Component	PPNO	Allocation Amount	Allocation Phase	Allocation Date	CON Contract Award Date	Expended Amount	Percent of Allocation Expended	Allocated Before July 2020	Phase Completion Date	Phase Closed-Out	Status
2018	13	Peninsula Corridor Joint Powers Board	Peninsula Corridor Joint Powers Board	Peninsula Corridor Electrification Expansion	85%	Corridor Wide Broadband Communications Network	CP039	\$2,000,000	PS&E	10/18/2018	-	\$73,823	4%	X	Jun-21		Expenditures increased from \$0 to \$73,823. Design Build Project. Agency coming in for a time extension at the March 2022 CTC meeting.
								\$12,000,000	CON	10/14/2021	-	\$0	0%		-		Design Build Project. Agency coming in for a time extension at the March 2022 CTC meeting.
						Bike Parking Enhancements	CP039	\$525,000	PS&E	10/18/2018	-	\$343,488	65%	X	6/30/2021	X	Agency submitted final invoice. Savings will be deallocated in FY 21/22. Phase will be removed from future reports.
						Bike Parking Enhancements	CP039	\$2,975,000	CON	8/13/2020	1/29/2021	\$60,448	2%		-		Expenditures increased from \$0 to \$60,448.
						Procurement of 37 Electric Multiple Units (Multi-Year Funding)	CP039Y	\$117,182,000	CON	10/14/2018	12/14/2018	\$58,270,092	50%	X	Dec-24		Expenditures increased from \$57,306,844 to \$58,270,092.
						Network Integration	CP039	\$3,000,000	CON	8/15/2018	10/10/2018	\$2,926,950	98%	X	Oct-21		Agency expects to submit final invoice Q4 2022.
2018	14	Sacramento Regional Transit District	Sacramento Regional Transit District	Accelerating Rail Modernization and Expansion in the Capital Region	100%	Purchase 20 Replacement and Expansion Low Floor LRVs	CP053	\$30,932,000	CON	12/5/2019	3/31/2020	\$26,756,905	87%	X	Feb-26		Expenditures increased from \$24,646,232 to \$26,756,905.
						Network Integration	CP053N	\$250,000	CON	6/27/2019	6/27/2019	\$205,059	82%	X	Jun-22		Expenditures increased from \$205,059 to 237,234.
2018	15	San Bernardino County Transportation Authority	San Bernardino County Transportation Authority	Diesel Multiple Unit Vehicle to Zero-or-Low Emission Vehicle Conversion and West Valley Connector Bus Rapid Transit	100%	Supporting Infrastructure for Zero-Emission Vehicles	CP034	\$500,000	PA&E	8/16/2018	-	\$399,996	80%	X	Oct-22		Expenditures increased from \$198,431 to \$399,996. CTC approved time extension to October 2022 on 05/13/2021 - Waiver 21-49
						DMU to ZEMU Conversion (Design)		\$3,000,000	PS&E	8/16/2018	-	\$1,742,773	58%	X	Aug-25		Expenditures increased from \$1,412,847 to 1,742,773. CTC approved an allocation amendment to designate the project as design build and to extend the phase completion date by 50 months. Resolution TIRCP-2021-28 at the June 2021 CTC meeting.
						ZEMU Vehicle Procurement		\$24,700,000	CON	8/16/2018	11/13/2019	\$10,025,764	41%	X	Nov-22		Expenditures increased from \$6,404,853 to \$10,025,764. On 10/14/21, CTC approved supplemental allocation of \$1,200,000, TIRCP-2122-05S. Contract awarded as part of the initial allocation. Subsequent allocations will have the same contract and award date. Includes expenditures for the 11.5M allocation. Expect to request to extend date at a future CTC meeting.
						ZEMU Supporting Infrastructure		\$1,800,000	CON	10/14/2021	-	\$0	0%		-		

TIRCP Semi-Annual Report  
July 1 - December 31, 2021

Award Year	Project No.	Award Recipient	Implementing Agency	Project Title	Percent of Award Fully Allocated	Project Description/ Component	PPNO	Allocation Amount	Allocation Phase	Allocation Date	CON Contract Award Date	Expended Amount	Percent of Allocation Expended	Allocated Before July 2020	Phase Completion Date	Phase Closed-Out	Status
2018	17	San Diego Metropolitan Transit System	San Diego Metropolitan Transit System	Blue Line Rail Corridor Transit Enhancements	93%	Beach Street Double Crossover	CP032	\$360,000	PS&E	3/14/2019	-	\$217,693	60%	X	6/30/2021		Expenditures increased from \$0 to \$217,693. Phase is closed. Agency will deallocate at a future meeting followed by phase close out on next report.
						\$3,691,000		CON	12/3/2020	1/13/2021	\$0	0%		-		Agency plans to invoice PS&E first and expect to invoice on an annual basis beginning Q3 2022.	
						\$920,000		PS&E	3/14/2019	-	\$127,154	14%	X	6/30/2021		Expenditures increased from \$0 to \$127,154. Agency plans to deallocate savings from the original PS&E allocation. Will come in for a post-fact time extension in May 2022.	
						\$635,000		PS&E	3/14/2019	-	\$635,000	100%	X	6/30/2021	X	Expenditures increased from \$0 to \$635,000. Phase is closed. Will be removed from next report.	
						\$6,354,000		CON	12/3/2020	-	\$0	0%		-		Agency routing 3rd party contract for final signatures. Covid 12 month automatic extension. CTC approved 12 month time extension for period of contract award (December 2022) at October 2021 meeting. Waiver 21-117.	
						\$240,000		PS&E	3/14/2019	-	\$240,000	100%	X	6/30/2021	X	Expenditures increased from \$0 to \$240,000. Phase is closed. Will be removed from next report.	
						\$2,852,000		CON	10/14/2021		\$0	0%		-			
						\$4,977,000		CON	10/9/2019	12/17/2019	\$0	0%	X	Dec-22		Agency plans to submit invoice for construction by April 2022.	
						\$2,367,000		CON	12/5/2019	8/11/2020	\$0	0%	X	Aug-23		Agency plans to submit invoice for construction by April 2022.	
						\$13,316,000		CON	6/24/2021	6/24/2021	\$0	0%		-		Agency expects to submit first invoice upon delivery, testing, and acceptance of buses (Q2 FY22/23) Expected delivery of 11 buses between September 2022 and February 2023.	
						\$372,000		PS&E	3/26/2020	-	\$0	0%	X	Jun-22		Agency submitted an invoice in February 2022.	
						\$929,000		CON	10/14/2021	-	\$0	0%		-			
				Network Integration	CP032N	\$250,000	CON	1/31/2019	6/13/2019	\$178,703	71%	X	1/30/2020		Expenditures increased from \$0 to \$178,703. Waiting for deliverable to be approved. Savings will be deallocated at a future meeting.		
2018	19	San Joaquin Joint Powers Authority and San Joaquin Regional Rail Commission	San Joaquin Regional Rail Commission	Valley Rail	16%	Oakley Station	CP035	\$626,000	PS&E	10/18/2018	-	\$1,219	0.2%	X	Jun-22		Expenditures increased from \$0 to \$1,219. Time extension waiver 21-50 approved on 5/13/2021 extended completion date to June 2022.
						\$1,952,000		PS&E	3/25/2021	-	\$0	0%		-		Agency will submit invoice in February 2022	
						\$4,230,000		R/W	3/25/2021	-	\$0	0%		-		Agency will submit invoice in February 2022	
						\$5,000,000		PA&ED	10/18/2018	-	\$1,793,232	36%	X	Jun-22		Expenditures increased from \$1,793,232 to \$2,002,556. Time extension was authorized by Waiver 21-51 (May 13, 2021)	
						\$7,913,000		PS&E	1/28/2021	-	\$63,883	1%		-		Expenditures increased from \$0 to \$63,883.	
						\$9,599,000		R/W	1/28/2021	-	\$10,554	0.1%		-		Expenditures increased from \$0 to \$10,554.	
						\$14,460,000		PS&E	8/19/2021	-	\$0	0%		-			
						\$1,750,000		PA&ED	3/26/2021	-	\$0	0%		-		Agency expects to submit an invoice Q4 2022.	
				BNSF Track Improvements	CP035	\$18,250,000	CON	3/26/2021	4/28/2021	\$0	0%		-		Agency expects to submit an invoice Q4 2022.		
\$1,000,000	CON	10/18/2018	12/1/2018	\$666,350		67%	X	Jun-22		January CTC Waiver 22-09 extended this LED by 6 months to June 30, 2022. Agency expects to submit an invoice Q4 2022.							

TIRCP Semi-Annual Report  
July 1 - December 31, 2021

Award Year	Project No.	Award Recipient	Implementing Agency	Project Title	Percent of Award Fully Allocated	Project Description/ Component	PPNO	Allocation Amount	Allocation Phase	Allocation Date	CON Contract Award Date	Expended Amount	Percent of Allocation Expended	Allocated Before July 2020	Phase Completion Date	Phase Closed-Out	Status
2018	21	Santa Barbara County Association of Governments	Santa Barbara County Association of Governments	Coastal Express/Pacific Surfliner Peak Hour Service Expansion and Integration	100%	Transit Facility Improvements for New Fleet and Services	CP048	\$1,200,000	CON	6/25/2020	12/31/2020	\$0	0%	X	Jun-22		Delays in implementing the improvements to the facility were due to the COVID pandemic. Construction will commence by June 2022. Concurrently, agency will request a time extension prior to the deadline. Costs have been incurred, but invoices have not been submitted because amount is small in comparison and will invoice once complete.
						Central Coast Regional Transit Facility		\$3,800,000	R/W	6/25/2020	-	\$3,800,000	100%	X	Jun-24		
						Procurement of Zero Emission Buses		\$4,300,000	CON	6/25/2020	6/24/2021	\$21,575	1%	X	Jun-24		
2018	22	Santa Barbara County Association of Governments	Santa Barbara County Association of Governments	Goleta Train Depot	17%	New Multi-Modal Facility Adjacent to Amtrak Train Station	CP047	\$1,550,000	PA&ED	10/18/2018	-	\$1,314,410	85%	X	Jun-22		Expenditures increased from \$61,958 to \$1,314,410. Corrected Allocation date from 8/15/2019 to 10/18/2018.
				Goleta Train Depot		Electric Shuttles and Supporting Infrastructure		\$400,000	CON	10/9/2019	Jan-22	\$6,698	2%	X	Mar-24		Expenditures increased from \$0 to \$6,698. Time extension for contract award was approved under Waiver 21-20 in March 2021 with a new deadline of January 31, 2022.
				Goleta Train Depot		Network Integration		\$250,000	CON	10/18/2018	10/18/2018	\$231,348	93%	X	Dec-21		Expenditures increased from \$6,698 to 231,348.
2018	24	Shasta Regional Transportation Agency	Shasta Regional Transportation Agency	North State Intercity Bus System	100%	Procurement of 7 Electric Coaches and Related Infrastructure	CP045	\$8,641,000	CON	10/18/2018	Jan-23	\$0	0%	X	May-24		Time extension allows for an award as late as 1/2023 for a 3rd party contract.
2018	25	Solano Transportation Authority	Solano Transportation Authority	Solano Regional Transit Improvements	86%	Capital Transit Improvements for Improved Transit Service	CP046	\$5,875,000	CON	10/18/2018	11/15/2018	\$5,875,000	100%	X	Jun-22		Expenditures increased from \$2,875,000 to 5,875,000.
						Charging Vehicle Infrastructure		\$2,000,000	PS&E	3/25/2020	-	\$1,085,170	54%	X	Jun-22		Expenditures increased from \$978,937 to \$1,085,170.
						Vehicle Procurement Pilot		\$1,100,000	CON	5/13/2021	5/24/2021	\$0	0%		-		Agency submitted the first invoice January 2022.
						Network Integration		CP046N	\$250,000	CON	1/31/2019	10/8/2019	\$215,500	86%	X	8/30/2020	X
2018	26	Sonoma-Marín Area Rail Transit District	Sonoma-Marín Area Rail Transit District	SMART Larkspur to Windsor Corridor	100%	Rail Extension to Windsor and Larkspur	CP041	\$20,000,000	CON	8/16/2018	9/19/2018	\$19,107,953	96%	X	Aug-23		Expenditures increased from \$11,747,352 to \$19,107,953. On 12/29/2021, CTC approved a 20-month time extension (Waiver 21-135) to extend the period of project completion until August 31, 2023.
						Network Integration	CP041N	\$1,000,000	CON	8/16/2018	9/19/2018	\$170,791	17%	X	Aug-23		Agency expects to submit an invoice in Q3 2022. On 12/29/2021, CTC approved a 20-month time extension (Waiver 21-135) to extend the period of project completion until August 31, 2023.





TIRCP Semi-Annual Report  
July 1 - December 31, 2021

Award Year	Project No.	Award Recipient	Implementing Agency	Project Title	Percent of Award Fully Allocated	Project Description/ Component	PPNO	Allocation Amount	Allocation Phase	Allocation Date	CON Contract Award Date	Expended Amount	Percent of Allocation Expended	Allocated Before July 2020	Phase Completion Date	Phase Closed-Out	Status		
2018	28	Transportation Agency for Monterey County	Transportation Agency for Monterey County	Rail Extension to Monterey County	5%	Network Integration	1155N	\$500,000	CON	10/18/2018	4/24/2019	\$486,510	97%	X	Apr-22		Expenditures increased from \$363,413 to \$486,510.		
<b>TOTAL – TIRCP Cycle #3</b>												\$220,384,053	14%		-				
<b>TIRCP Cycle #4</b>																			
2020	1	Antelope Valley Transit Authority	Antelope Valley Transit Authority	Reaching the Most Transit-Vulnerable: AVTA's Zero Emission "Microtransit" & Bus Expansion Proposal	100%	Network Integration	CPO59	\$250,000	CON	8/13/2020	-	\$0	0%		-		CTC Time Extension to award 3rd party contract until March 30, 2022.		
				Purchase of 11 Zero-Emission Vehicles and Supporting Infrastructure				\$6,253,000	CON	8/13/2020	7/14/2021		\$0	0%		-		Agency expects to invoice Q4 2022.	
2020	3	Capitol Corridor Joint Powers Authority, City of Sac, SacRT, & Downtown Railyard Venture	Capitol Corridor Joint Powers Authority	Sacramento Valley Station (SVS) Transit Center	18%	Network Integration	CP061	\$720,000	CON	8/12/2020	4/2/2021	\$0	0%		-		First invoice submitted in January 2022. One year Covid extension per CTC automatically 12 months to award		
2020	4	City of Inglewood	City of Inglewood	Inglewood Transit Connector Project	21%	Automated People Mover	CP062	\$20,000,000	PA&ED	8/13/2020	-	\$12,140,393	61%		-		Expenditures increased from \$56,693,295 to \$12,140,393.		
2020	5	Lake Transit Authority	Lake Transit Authority	North State Intercity Bus System	2%	New Transit Center	CP063	\$250,000	PA&ED	12/3/2020	-	\$0	0%		-		Lake County Transit has an environmental consultant working on their CEQA environmental clearance. Agency expects to submit an invoice in February 2022.		
2020	6	Long Beach Transit	Long Beach Transit	LBT/UCLA Electric Commuter Express	100%	Purchase 5 Zero-Emission Battery Electric Coaches	CP064	\$6,451,000	CON	5/13/2021	-	\$0	0%		-		One year Covid extension per CTC automatically 12 months to award		
2020	8	Los Angeles-San Diego-San Luis Obispo Rail Corridor Agency (LOSSAN)	Los Angeles-San Diego-San Luis Obispo Rail Corridor Agency (LOSSAN)	Building Up Control: LOSSAN Service Enhancement Program	2%	San Diego County Maintenance and Layover Facility	CP066	\$748,000	PA&ED	8/19/2021	-	\$0	0%		-				
2020	9	Sacramento Regional Transit District	Sacramento Regional Transit District	Light Rail Modernization and Expansion of Low-Floor Fleet	100%	Acquisition of Light Rail Vehicles	CP067	\$23,600,000	CON	8/19/2021	3/31/2020	\$0	0%		-		Extension of 2018 project. 2018 project contract had an option to purchase up to 76 light rail vehicles. January 12, 2022 issued a notice to proceed.		
2020	11	San Diego Association of Governments (SANDAG), SD MTS & North County Transit District	San Diego Metropolitan Transit System	SDConnect: San Diego Rail Improvement Program	37%	El Cajon Third Track	CP069	\$720,000	PS&E	10/22/2020	-	\$0	0%		-		Agency submitted an invoice in February 2022.		
			San Diego Association of Governments			Del Mar Bluffs Stabilization		\$3,774,000	PS&E	8/13/2020	-	\$0	0%		-				Agency submitted an invoice on 11/30/2021. Invoice is on dispute and is pending resolution.
2020	14	Solano Transportation Authority (STA)	Solano Transportation Authority (STA)	Solano Regional Transit Improvements Phase 2	24%	Access Improvements at Fairfield Transit Center	CPO72	\$400,000	PS&E	5/13/2021	-	\$0	0%		-		Agency expects to submit invoice in Q4 2022.		
						Shared Inductive Charging Infrastructure		\$1,000,000	PS&E	10/22/2020	-	\$0	0%		-				Agency submitted an invoice in January 2022.
						Network Integration		\$1,100,000	CON	10/22/2020	2/23/2021	\$0	0%		-				Agency submitted an invoice in January 2022.
2020	15	Torrance Transit Department	Torrance Transit Department	Torrance Transit Bus Service Enhancement Program	100%	Procurement of 7 Zero-Emission Buses	CP073	\$6,000,000	CON	10/22/2020	11/16/2021	\$0	0%		-		Expenditures expected in early 2022. CTC approved a two-month time extension request to award a third-party contract to December 31, 2021 - Waiver 21-131.		
2020	16	Transit Joint Powers Authority of Merced County	Transit Joint Powers Authority of Merced County	Improving Air Quality & Economic Growth with Electric Buses in Merced County, the Gateway to Yosemite	100%	Procurement of 3 Zero-Emission Buses	CP074	\$3,112,000	CON	10/22/2020	8/5/2021	\$0	0%		-		12 months to award contract per the Covid automatic extension.		
<b>TOTAL – TIRCP Cycle #4</b>												\$12,140,393	16%		-				