

## MEMORANDUM

To: CHAIR AND COMMISSIONERS  
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: March 22-23, 2023

From: STEVEN KECK, Chief Financial Officer

Reference Number: 3.4, Information Item

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Division of Rail & Mass Transportation

Subject: **TRANSIT AND INTERCITY RAIL CAPITAL PROGRAM**  
**FISCAL YEAR 2022-23 SEMI-ANNUAL REPORT**

### **SUMMARY:**

The California Department of Transportation (Department) is presenting to the California Transportation Commission (Commission) the Fiscal Year 2022-23 Semi-Annual Report for the reporting period of July 1, 2022 through December 31, 2022 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 96 awarded projects from five 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 more than \$6.6 billion in TIRCP funds to 96 projects over five award cycles (2015, 2016, 2018, 2020, and 2022). In the award cycle announced in July 2022, CalSTA awarded nearly \$800 million to 23 projects statewide.

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.

Attachment

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

Transit and Intercity Rail Capital Program (TIRCP)  
FY 2022-23 Semi-Annual Report  
July 1, 2022 – December 31, 2022



# Semi-Annual Report Transit and Intercity Rail Capital Program

Prepared on behalf of CalSTA by Caltrans Division of Rail and Mass Transportation  
March 2023

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. Cycle 5 is the first TIRCP award cycle to incorporate the Climate Action Plan for Transportation Infrastructure (CAPTI) into its guidelines.

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 2022, there have been five award cycles. CalSTA awarded over \$6.6 billion in TIRCP funds to 96 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.

In addition to the 96 awarded projects, TIRCP, through Senate Bill 132, funds the ACE Merced Extension project. To date, TIRCP funds support 97 projects.

## 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 one of the 73 projects included on tables 1 or 2, 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 14 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 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.

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.

## Summary of Cycle 5 (Awarded April 2020)

In July 2022, the TIRCP awarded \$796.1 million to 23 projects over a five-year cycle. With a total budget of nearly \$2 billion consisting of federal, state and local funding, the 23 projects will directly benefit disadvantaged communities and reduce greenhouse gas emissions by an estimated 4.3 million metric tons – the equivalent of taking more than 930,000 gas-powered cars off the road.

Projects receiving funding benefits all regions of the state – from Humboldt and Sonoma counties in the north to Riverside and San Diego counties in the south – and will result in the purchase of 393 zero-emission buses, 51 zero-emission shuttles or microtransit vehicles, eight new light rail vehicles and two zero-emission ferries.

## 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
- Cycle 5, 5-year cycle: includes GGRF and SB 1 funding

## Program Status

To date, more than \$6.6 billion in TIRCP funds have been awarded to 96 projects across five award cycles (2015, 2016, 2018, 2020, and 2022). The table in table 1 represents the current funding status of the program as well as the funding status from the last Semi-Annual Report (June 2022).

Table 1 shows 98 percent of allocated dollars in Cycle 1 are expended, and 14 of 14 projects are completed. In Cycle 2, 82 percent of awarded funds are allocated with two projects completed. Cycle 3 allocated more than \$1.7 billion since 2018 and completed one project. Cycle 4 allocated \$98 million since April 2020. Cycle 5 allocated \$14 million, since the award was announced in July 2022.

Table 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. table 2 also includes the status of each active project as of December 31, 2022.

## 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.

**Table 1. TIRCP Current Funding Status as of December 31, 2021**

	Cycle 1 Last Report	Cycle 1 Current Report	Cycle 2 Last Report	Cycle 2 Current Report	Cycle 3 Last Report	Cycle 3 Current Report	Cycle 4 Last Report	Cycle 4 Current Report	Cycle 5 Current Report	Cycle 5 Current Report	Current Program Totals
<b>Number of Awarded Projects</b>	14	14	14	14	28	28	17	17	0	23	96
<b>Award Amount* In \$000s</b>	\$224,278	\$224,278	\$390,893	\$390,893	\$4,325,000	\$4,325,000	\$500,000	\$500,000	\$0	\$796,100	\$6,236,216
<b>Amount Allocated in \$000s</b>	\$224,278	\$224,278	\$318,741	\$318,741	\$1,685,502	<b>\$1,701,703</b>	\$82,360	<b>\$98,465</b>	\$0	<b>\$14,861</b>	<b>\$2,358,048</b>
<b>Percent Allocated</b>	100%	100%	82%	82%	39%	39%	16%	<b>20%</b>	<b>0%</b>	<b>.02%</b>	<b>38%</b>
<b>Expended Amount in \$000s</b>	\$216,272	<b>\$219,611</b>	\$168,869	<b>\$188,433</b>	\$413,246	<b>\$467,628</b>	\$22,752	<b>\$25,011</b>	\$0	\$0	<b>\$900,683</b>
<b>Expended Percent (Related to Awarded)</b>	97%	<b>98%</b>	43%	<b>48%</b>	10%	<b>11%</b>	5%	5%	<b>0%</b>	<b>0%</b>	<b>14%</b>
<b>Expended Percent (Related to Allocated)</b>	97%	<b>98%</b>	53%	<b>58%</b>	25%	<b>28%</b>	28%	<b>27%</b>	<b>0%</b>	<b>0%</b>	<b>38%</b>
<b>Completed Projects**</b>	12	<b>14</b>	1	<b>2</b>	1	1	0	0	<b>0</b>	<b>0</b>	<b>17</b>

Bolded numbers mean changed since last report.

\*Cycles 1 is GGRF funds only. Cycle 2 has SB 123 and GGRF funding. Cycles 3, 4, and 5 are funded with GGRF and PTA-SB1 funds.

\*\* All projects included are considered complete from an administrative standpoint when all funds are fully expended. However, there may be outstanding reporting items or deliverables pending.

Table 2. TIRCP Semi-Annual Report Status of Active Projects

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	Report Status
TIRCP Cycle #1																	
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	\$24,403,000	100%	X	3/30/2022	X	Expenditures increased from 96% to 100%. Complete. Will be removed from future report.
2015	13	Southern California Regional Rail Authority	Southern California Regional Rail Authority	Purchase of <del>Nine 9 Fuel-Efficient Tier IV 4-EMD-E-125 Locomotives for MetroLink-Commuter-Rail-Service</del>	100%	Purchase of Nine Tier 4 Locomotives to Support Expanded Service	CP002	\$41,181,000	CON	8/27/2015	10/15/2015	\$41,180,996	100%	X	9/15/2022		Expenditures increased from 94% to 100%. Project complete in September 2022. Final invoice submitted.
TOTAL – TIRCP Cycle #1								\$65,584,000		-		\$65,583,996	100%				
TIRCP Cycle #2																	
2016	2	Capitol Corridor Joint Powers Authority	Capitol Corridor Joint Powers Authority	Increased Rail Service to Roseville, Service Optimization, Standby Power Investments	38%	Install 2 Standby Power Cabinets	CP023	\$200,000	CON	3/16/2017	-	\$0	0%	X	Jun-24		No expenditures this reporting period. Funds lapsed with no work begun and no funds spent, after CCJPA discovered the environmental clearance was prohibitively expensive, more than the allocation. They will ask for consideration to rescope to achieve the same greenhouse benefit with renewable diesel; otherwise they will reprogram and allocate the funds to existing project components.
						Sacramento to Roseville 3rd Mainline Track	CP023	\$2,886,000	PS&E	6/29/2017	-	\$1,173,497	41%	X	Feb-24		Expenditures increased from 12% to 41%. Design is advancing beyond the 60% level with UPRR. CCJPA is working to secure all construction and ROW funding while design proceeds. TIRCP funds subject to a future reprogramming request for January 2023 with aligned CTC/Caltrans DRMT actions to support utility relocation design work. All funding actions are subject to coordination with CTC for a strategic use of Prop 1A/1B funds as well as other uncommitted funds.
								\$40,000	R/W	12/29/2017	-	\$25,621	64%	X	Feb-24		Expenditures decreased from 78% to 64% due to expenditure adjustment. Right-of-Way acquisition phase has begun and negotiations will continue. TIRCP funds subject to a future reprogramming request for January 2023 with aligned CTC/Caltrans DRMT actions to shift the TIRCP funds from CON to R/W to support utility relocation design work. All funding actions are subject to coordination with CTC for a strategic use of Prop 1A/1B funds as well as other uncommitted funds.
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%		-		No change in expenditures. Agency has received and accepted 19 hydrogen fuel cell electric buses out of a total of 33 and are currently in the process of accepting three more. Agency is using \$5 million of TIRCP as a local match for 20 buses. All 33 buses are planned to be delivered and in Foothill Transit's possession by the end of March 2023. All 33 buses are planned to be delivered and in Foothill Transit's possession by the end of March 2023. Agency launched the first three buses into service at the beginning of December 2022. The fueling station is expected to be completed in March 2023 and all buses should be in revenue by the end of March 2023. Agency will invoice after all buses are delivered, inspected and accepted.
2016	4	City of Fresno	City of Fresno	Fresno Metropolitan Rapid Transit and Rail Connectivity - Phase 1E	100%	Bus Stop Improvements	CP016	\$3,917,000	CON	6/24/2020	2/15/2022	\$0	0%	X	Feb-25		No change in expenditures. Agency is finalizing accounting activities by April 2023. Construction has progressed through Clusters 1-8 (Cedar Avenue). Flat work has completed at clusters 16, 15, and 14 (Shaw Avenue). Work has begun at Cluster 13 (Shaw and Palm Avenues), but recent rain events have caused delays at this intersection. The weather is expected to improve for mid-late January 2023 and Cluster 13 will complete and 12 will begin by the end of January 2023. 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 98th 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	\$40,000,000	100%	X	Sep-24		Expenditures increased from 54% to 100%. Completed structural steel framing and decking at the LRT high canopy. Continued LRT guideway work in preparation for track installation (ballast walls, OCS foundation and underground utilities are in progress. Started structural steel framing at the Metro Hub area. Continued site wet and dry utilities. Station communications backbone duct bank is fully installed. Completed one cast-in-place northern cisterns and the second cistern is 95% complete. Complete (85%) under-slab utilities and start slab on grade for the Bus Ops Bldg. (Bus Plaza Area). Work continues with other funding.
2016	6	Los Angeles County Metropolitan Transportation Authority	Los Angeles County Metropolitan Transportation Authority	Metro Red Line and Purple Line Core Capacity Improvements	100%	Construction	CP020	\$64,437,000	CON	12/4/2019	3/26/2020	\$18,056,348	28%	X	Jul-24		No change in expenditures this reporting cycle. Expenses have incurred. Agency anticipates submitting an invoice March 2023. Construction continues on the Western and Northern Portal side of the project, progressing with West Portal Wall demolition, Northern Yard Storage Tracks ballast, ties and track installation. First Street Bridge Bent 13 preparation for the demolition continues.



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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	10/17/2022	X	Complete October 2022. Final invoice received. Will be removed from future reports.
			Los Angeles-San Diego-San Luis Obispo Rail Corridor Agency (LOSSAN)			Island Centralized Traffic Control	CP043	\$5,860,000	CON	1/28/2021	5/28/2021	\$0	0%	-	-	No expenditures this reporting period. Agency submitted invoice in late December for full allocation amount. Construction in process and is now anticipated to be complete by January 2024 with TIRCP 2018 funding.	
			Los Angeles-San Diego-San Luis Obispo Rail Corridor Agency (LOSSAN)			Upgrade of Non-Powered Switches	CP043	\$1,000,000	CON	1/28/2021	5/28/2021	\$0	0%	-	-	No expenditures this reporting period. Agency submitted invoice in late December for full allocation amount. Construction in process and is now anticipated to be complete by January 2024 with TIRCP 2018 funding.	
2016	8	Orange County Transportation Authority	Orange County Transportation Authority	OC Streetcar Zero-emission Service Santa Ana to Garden Grove	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	\$25,586,000	100%	X	Jan-24		Time extension Waiver 22-25 was approved in March 2022 to extend the completion date to 1/31/2024. Work continues with other funding sources. Final TIRCP invoice received.
2016	9	Peninsula Corridor Joint Powers Board	Peninsula Corridor Joint Powers Board	Peninsula Corridor Electrification Expansion	100%	Electrify Caltrain Corridor and Procurement of Electric Multiple Unit Vehicles	CP022	\$20,000,000	CON	6/29/2017	8/15/2016	\$17,851,388	89.26%	X	Apr-24		Expenditures increased from 89% to 89.26%. CTC approved Waiver-22-137 on 8/17/22 to extend period of project completion 20 months to April 30, 2024. Four train sets are at the Central Equipment & Maintenance Facility (CEMOF). Caltrain anticipates two (2) additional trainsets to be delivered to Caltrain property by fall 2024. Caltrain has completed EMU clearance testing and is getting ready for EMU Testing under power.
2016	11	San Bernardino County Transportation Authority	San Bernardino County Transportation Authority	Redlands Passenger Rail	100%	Construct New Rail Systems linking San Bernardino and University of Redlands	1230	\$9,204,000	CON	10/18/2018	5/15/2019	\$9,204,000	100%	X	Dec-23		The RPRP is substantially complete with minor punch list items remaining due to unforeseen circumstances. However, the project became operational in 10/24/2022. Final construction contract acceptance is planned for October 2023 after a trial/warranty period. Because of the extended contract acceptance period, agency requested an 18-month post-fact time extension for the period of project completion from June 30, 2022, to December 31, 2023 was approved in October 2022 (Waiver 22-164).
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	-	\$474,357	95%	X	7/31/2022	X	Expenditures increased from 92% to 95%. Agency submitted final invoice. Component complete with savings, which will be deallocated and moved to another component. 100% design plans dated 10/26/2021. CTC approved Waiver 21-11 for project expenditure development to 7/31/22
								\$8,459,000	CON	5/19/2022	-	\$0	0%	-	-	No change in expenditures. Agency wasn't able to award 3rd party contract within CTC's timely use of funds policy. Allocation lapsed. Agency is working with Caltrans to request an allocation with the same scope.	
<b>TOTAL – TIRCP Cycle #2</b>								<b>\$248,472,000</b>				<b>\$173,754,211</b>	<b>70%</b>				
<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%	Zero-Emission Buses for Service Expansion	2320B	\$6,500,000	CON	10/22/2020	3/18/2021	\$3,250,000	50%		Apr-24		Expenditures increased from 45% to 50%. Of the 40 zero-emission buses, the 20 hydrogen fuel cell buses have been accepted and are in service, 10 of 20 battery electric buses have been accepted, 10 are undergoing inspection and testing.
								\$1,000,000	PS&E	10/22/2020	-	\$189,354	19%		12/31/2021		No change in expenditures this reporting cycle. PS&E for the construction of the charging facilities was completed in December 2021. Work completed early. The Last Expenditure Date is June 30, 2023. Invoice submittal is delayed due to agency staff shortages. Agency expects to submit an invoice in early 2023.
								\$6,000,000	CON	1/27/2022	7/26/2022	\$0	0%		-		No change in expenditures during this reporting period. Third party contract awarded 7/26/2022.
2018	2	Anaheim Transportation Network (ATN)	Anaheim Transportation Network (ATN)	#Electrify Anaheim: Changing the Transit Paradigm in Southern California	100%	Procurement of Zero-Emission Electric Buses	CP027	\$23,048,000	CON	12/6/2018	7/23/2019	\$22,857,000	99%	X	6/30/2022		No change in expenditures. Agency submitted final invoice in December 2022. Caltrans is processing the invoice.
								\$4,958,000	CON	10/9/2019	4/3/2020	\$1,750,788	35.31%	X	Apr-23		Expenditures increased from 35% to 35.31%. Due to project delays from the city, agency expects to come in for a time extension in March 2023 to extend period of project completion.

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2018	3	Antelope Valley Transit Authority and Long Beach Transit	Long Beach Transit	From the Desert to the Sea: <b>AVTA- and LBT Transit-Antelope Valley Transit Authority and Long Beach Transit Zero Emission Bus Initiative (LBT Component)</b>	100%	Purchase of 5 Zero-Emission Battery Electric Buses	CP028	\$3,951,000	CON	10/18/2018	12/20/2019	\$3,224,087	82%	X	3/31/2022	X	No change expenditures this reporting period. Complete. Final invoice received. There are project savings, which will go back to the TIRCP program. Will be removed from future reports.	
			Antelope Valley Transit Authority			7 Zero-Emission Electric Buses and Upgrades to Supporting Infrastructure		\$7,755,000	CON	10/18/2018	7/2/2019	\$7,755,000	100%	X	3/31/2022	X	Expenditures increased from 86% to 100%. Final invoice received. Complete. Will be removed from future reports.	
			Antelope Valley Transit Authority			Facility Improvements		\$1,200,000	CON	5/14/2020	7/13/2020	\$622,319	52%	X	Jul-23		Expenditures increased from 0% to 52%. Two of the three transfer transit centers fare complete. The third transfer transit center at the Antelope Valley College is 95% complete, the anticipated completion date by March 2023.	
			Antelope Valley Transit Authority			Network Integration		\$250,000	CON	10/18/2018	1/7/2019	\$71,540	29%	X	Sep-23		No change in expenditures this reporting period. Agency expects to submit invoice in Q4 FY 22/23. The Network Integration study is moving along.	
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	\$16,516,847	5.18%	X	Jan-30		Expenditures increased from 5% to 5.18%. The Project Design Review (PDR) continued. The Migration Design Review (MDR) for test track installation of proof of concept at Hayward test track continued. Surveys were completed. Final Design Review (FDR) is anticipated to continue through September 2023.	
2018	5	Capitol Corridor Joint Powers Authority	Capitol Corridor Joint Powers Authority	The Northern California Corridor Enhancement Program	68%	South Bay Connect Project	CP036	\$25,300,000	PA&ED	12/6/2018	-	-	\$10,677,266	42%	X	Nov-24		Expenditures increased from 35% to 42%. Continues with environmental technical studies. The administrative draft of an EIR is not expected until early 2024, due to continuing discussions with UPRR on specific project improvements required in the project area. The SR 94 intermodal bus facility project is following the Caltrans District 4 project review and approval processes including the option to introduce federal funding which will let NEPA and CEQA be completed by Caltrans District 4 at the same timeframe. The overall PA&ED is scheduled to be completed November 2024.
						Integrated Travel Program for Statewide Service and Ticket Integration (Ph 3b & 4)		\$21,340,000	CON	5/14/2020	5/14/2020	\$18,450,410	86%	X	Dec-25		Expenditures increased from 56% to 86%. Final report is on schedule to be completed before the LED of December 2025.	
						Network Integration		\$2,000,000	CON	12/6/2018	3/27/2019	\$832,056	42%	X	Dec-23		Expenditures increased from 30% to 42%. Bay Area Council Economic Institute (BACEI) and UC Davis ITS work has been billed and reports have been either produced or are nearing completion. Remaining funds will be used to support over-the-shoulder review of transportation models as well as support the initial feasibility study of a new high-level Carquinez crossing bridge/tunnel. The Carquinez Study initial scope was completed with action from the CCJPA Board on November 2022 (via HDR, CCJPA's on-call consultant). The second phase of analysis will commence as soon as possible after that CCJPA Board action and may result in a request from DRMT to extend the funding expenditure date so that a full utilization of the funds for the second more in-depth feasibility study can be realized.	
2018	6	City of Fresno	City of Fresno	Southwest Fresno Community Connector	100%	Supporting Infrastructure for Buses	CP079	\$243,000	PS&E	6/24/2020	-	\$63,708	26%	X	Jun-23		No Change in expenditures. Construction activities related to the charging infrastructure continue. Construction for infrastructure component is being funded with other sources. Agency expects to invoice by April 2023.	
						Purchase 6 Long-Range Electric Buses		\$7,555,000	CON	6/24/2020	12/16/2020	\$0	0%	X	Jun-24		No Change in expenditures. Agency expects to invoice by April 2023. The post Buy America audit has been completed. All seven (7) buses have been placed into service as of December 12, 2022. Various mechanical and charging issues are being resolved. The buses have been registered, and the invoices are being processed. Anticipated completion 6/2023.	

Table 2. TIRCP Semi-Annual Report Status of Active Projects

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	Report Status
2018	7	City of Los Angeles- <del>DOT</del>	City of Los Angeles- <del>DOT</del>	Los Angeles City: Leading the Transformation to Zero-Emission Electric Bus Transit Service	100%	Zero-Emission Electric Buses, Supporting Infrastructure, and Facility Upgrades	CP029	\$35,854,000	CON	8/16/2018	10/25/2019	\$0	0%	X	Jun-24		No change in expenditures. CTC approved Time Extension/Waiver 22-161 on 10/13/2022 to extend Period of Project Completion 20 months to June 30, 2024. Agency expects to have all buses ordered and supporting infrastructure delivered by March 2023. The facility upgrades are expected to commence in January 2023 and completed by January 2024. The buses will be put into service after a 12-month performance evaluation. The overall component has reached approximately 70 percent completion. Agency will invoice once buses are delivered, inspected, and accepted.
						Network Integration		\$250,000	CON	8/16/2018	8/16/2018	\$0	0%	X	Jun-24		No change in expenditures. CTC approved Time Extension/Waiver 22-161 on 10/13/2022 to extend Period of Project Completion 20 months to June 30, 2024. LADOT has designated a specific unit within the agency, to focus on this NI work and has assured Caltrans delivery of the original intended scope. Agency continues working on study.
2018	8	City of Santa Monica	City of Santa Monica	Electric Blue: Electrification of City of Santa Monica's Big Blue Bus	100%	Procurement of 10 Zero-Emission Electric Buses	CP054	\$3,050,000	CON	6/27/2019	2/3/2020	\$0	0%	X	11/2/2022		No invoice submitted this reporting cycle. Agency expects to submit invoice Q3 FY 22/23. There were delays in accepting the buses, as many did not pass the acceptance test of no failures during a 10-day period. Many of the buses had their batteries replaced. The last bus was accepted on 11/2/2022.
2018	9	Livermore Amador Valley Transit Authority	Livermore Amador Valley Transit Authority	Dublin/Pleasanton Capacity Improvement and Congestion Reduction Program	100%	Construction of a Multi-Level Parking Structure	CP051	\$20,000,000	CON	10/9/2019	3/22/2022	\$1,690,859	8%	X	Mar-25		Expenditures increased from 2% to 8%. Parking garage construction is under way as of October 2022. Excavation & utility work, permitting, submittal review/approvals, and subcontractor bidding activities will continue in Q3.
2018	10	Los Angeles County Metropolitan Transportation Authority	Los Angeles County Metropolitan Transportation Authority	Los Angeles Region Transit System Integration and Modernization Program of Projects	24%	Gold Line Foothill Light Rail Extension (Glendora to Pomona to Montclair)	CP030Y	\$249,200,000	CON	6/25/2020	8/14/2019	\$0	0%	X	Jan-25		No expenditures this reporting period. Invoice submittal pending executed Program Supplement Amendment (PSA). After DRMT review, Local agency reviewed, Caltrans revised based on feedback, now in DRMT review again. Anticipate executed supplement in Q3 FY 22/23. Construction continues with full closures at Grand Avenue at Foothill Blvd., updating the total of completed 20 of 21 grade crossings. Completed 18 of 19 bridges combined with Freight Systems and Light Rail Train bridge structures at Big Dalton Wash, San Dimas Wash, Live Oak Channel, Thompson Creek, Route 66 Separation and continue with Lone Hill the City of Glendora and with 210 and 57 Freeway pier protection. Continue Light Rail Track installation throughout the corridor and Traction Power Substations (TPSS). The current overall project completion rate is approximately 65%. The project is on schedule and anticipated to be completed on time. LONP TIRCP-1819-01.
						Vermont Transit Corridor	CP030	\$5,000,000	PA&ED	5/13/2021	-	\$0	0%				No expenditures this reporting period. Invoice submittal pending executed Program Supplement Amendment (PSA). After DRMT review, Local agency reviewed, Caltrans revised based on feedback, now in DRMT review again. Anticipate executed supplement in Q3 FY 22/23. Continue on-going key stakeholder briefings. Developed scope of work/RFP package. RFP is currently being reviewed. Review process was extended due to Diversity & Economic Opportunity Division (DEOD)'s determination of Small Business Enterprise (SBE) goal percentages to apply to the project given the numerous optional tasks. Additionally, scope revisions were requested by agency's management which delayed finalizing the scope. Targeted release of Environmental Study RFP by end of January 2023. Agency expects to request a time extension by June 2023.
						Network Integration		\$7,000,000	CON	12/6/2018	2/27/2020	\$0	0%	X	Nov-23		No expenditures this reporting period. Invoice submittal pending executed Program Supplement Amendment (PSA). DRMT and Local agency will continue to work together to execute the PSA. Anticipate executed supplement in Q3 FY 22/23. Developed initial network integration recommendations, with high-level benefit/cost assessments for various perspectives: regional connections, transit operations, infrastructure and equipment need, policies, customer experience, and user experience. The project team met Metrolink's marketing/survey unit in September 2022 to exchange information on customer survey data. High Desert Corridor SDP. Continue to receive stakeholder feedback and continue to update the Draft Service Development Plan report.

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2018	11	Los Angeles-San Diego-San Luis Obispo Rail Corridor Agency (LOSSAN)	North County Transit District	All Aboard 2018: Transforming Southern California Rail Travel	99%	North San Diego County Fencing	CP031	\$1,241,000	CON	1/30/2020	01/21/21	\$1,175,265	95%	X	Nov-23		Expenditures increased from 1% to 95%. Agency anticipates completion by June 2023.
						Signal optimization: BNSF Junction Control Point	CP031	\$5,000,000	CON	8/19/2021	09/02/21	\$0	0%		-		Agency submitted an invoice for \$1.1M this reporting cycle. Caltrans is processing the invoice. Conduit installation began during the October All Work Windows. Delivery of signal equipment and construction mobilization is ongoing.
						OTC Pedestrian Crossing	CP031D	\$1,632,000	CON	6/30/2022	-	\$181,534	11%		-		Expenditures increased from 0% to 11%. On December 8, 2022 a 12-month time extension for the period of contract award to December 31, 2023 was approved (Waiver 22-181). NCTD is preparing the solicitation package.
						Signal Train Control Replacement - Legacy Phase 1	CP031	\$1,100,000	CON	6/24/2021	8/12/2021	\$433,012	39%		-		Expenditures increased from 25% to 39%. All cutovers were completed and the temporary pull box at MP 220 was removed. All field construction work by the contractor (MRS) was completed. On December 14, 2022, NCTD approved MRS Submittal 0010.042 Testing Certification Letter A00.
						Signal Control Replacement - Carlsbad Crossings	CP031	\$1,496,000	CON	10/14/2021	4/8/2022	\$0	0%		-		No invoice during the reporting period. Agency expects to submit an invoice by March 2023. NCTD established design support during construction services through Pacific Rail Enterprises and held bi-weekly meetings to track Right-of-Entry submittals, material order status, sub-contractor work plans, and schedule.
						Signal Control Replacement - San Diego Crossings	CP031A	\$1,868,000	CON	5/19/2022	08/05/22	\$0	0%		-		No invoice during the reporting period. Agency expects to submit an invoice by March 2023. Agency awarded 3rd party contract in August 2022. The contractor is preparing construction mobilization and procuring long lead materials and equipment.
						Signal Control Replacement - Encinitas & Del Mar	CP031B	\$454,000	CON	5/19/2022	08/05/22	\$0	0%		-		No invoice during the reporting period. Agency expects to submit an invoice by March 2023. Agency awarded 3rd party contract August 2022. The contractor is preparing construction mobilization and procuring long lead materials and equipment.
						Signal Control Replacement - Legacy Phase 2	CP031C	\$4,350,000	CON	6/30/2022	-	\$0	0%		-		On December 8, 2022 a 12-month time extension for the period of contract award to December 31, 2023 was approved (Waiver 22-181).
			On-Time Performance Incentive Program for Service Improvements	CP031		\$22,962,000	CON	10/18/2018	2/1/2019	\$8,313,399	36%	X	Jun-23		No change in expenditures this reporting period. Caltrans is processing \$2.9 million invoice submitted in late December 2022.		
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	41%	Island Centralized Traffic Control	CP042	\$16,262,000	CON	1/28/2021	1/29/2021	\$8,934,574	55%		-		No change in expenditures this reporting period. Caltrans is processing invoices submitted in December 2022 and January 2023. Work on the Island CTC project is substantially complete. There are 1-2 areas left to complete.
						Upgrade of Non-Powered Switches	CP042	\$4,945,000	CON	1/28/2021	4/21/2021	\$1,082,608	22%		-		No change in expenditures this reporting period. Caltrans is processing invoices submitted in December 2022 and January 2023. Work on Upgrade of Non-Powered Switches is substantially complete. There are 1 or 2 areas left to complete.
						Pre 1949 Rail Replacement	CP042	\$15,100,000	CON	5/14/2020	5/15/2020	\$13,991,164	93%	X	May-23		Expenditures increase from 91% to 93%. The rail project is expected to be complete in February 2023 with staff preparing to pay the final invoices in Q4 FY 22/23.
						Narlon Bridge Replacement	CP042	\$6,474,000	CON	5/14/2020	5/15/2020	\$0	0%	X	12/1/2022		No change in expenditures this reporting period. Narlon is complete. Caltrans is processing invoices submitted in December 2022 with the final invoices ready to be submitted in Q3 22/23. There will be savings. Agency expects to reallocate saving and apply to another component.
						Rail Tie Replacement	CP042	\$8,900,000	CON	5/14/2020	5/15/2020	\$6,064,281	68%	X	May-23		Expenditures increased from 67% to 68%. The rail tie replacement project is expected to be complete in February 2023 with staff preparing to pay the final invoices in Q4 FY 22/23.
						Corridor Hardening Improvements (Safety)	CP042	\$3,055,000	CON	12/3/2020	1/13/2021	\$100	0%		-		No change in expenditures this reporting period. Agency received cycle 6 funding to extend corridor hardening improvements.
						Safety Improvement Program	CP042	\$487,000	CON	12/3/2020	12/4/2020	\$100	0%		-		No change in expenditures this reporting period. Agency expects to submit invoices in February or March 2023. Project is proceeding as planned.
						On-Time Performance Incentive Program for Service Improvements	CP042Y	\$4,284,000	CON	12/6/2018	12/15/2022	\$0	0%	X	Dec-25		No change in expenditures this reporting period. Agency awarded 3rd party contract in December 2022.

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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	12/1/2022	\$455,947	23%	X	Oct-25		Expenditures increased from 1% to 23%. TIRCP-2122-03 on 10-14-21 designated as Design-Build concurrently extended period of project completion 12 months beyond the 36 month deadline to October 2025.	
																		Third party contract was awarded on December 1, 2022. The third-party agreement has been fully executed and a copy has been provided to Caltrans. TIRCP-2122-03 on 1-14-21 designated as Design-Build concurrently extended period of project completion 12 months beyond the 36 month deadline to October 2025. Waiver 22-21 in March 2022, Time extension to award 3rd party contract until December 2022.
						Bike Parking Enhancements	CP039	\$2,975,000	CON	8/13/2020	1/29/2021	\$40,533	1%	-		No change in expenditures. Caltrans issued a RFP for bike parking vendor, including additional bike stations. With regards to e-lockers, JPB continues to look for alternatives to delivering the same level of project outcome if additional e-lockers cannot be procured due to increase in sheet metal cost.		
						Procurement of 37 Electric Multiple Units (Multi-Year Funding)	CP039Y	\$117,182,000	CON	10/14/2018	12/14/2018	\$71,566,690	61%	X	Dec-24	Expenditures increased from 52% to 61%. The four EMU trainset delivered to CEMOF has successfully completed ADA ramp testing. Caltrans anticipates two (2) additional trainsets to be delivered by fall 2024. To date, 127 car shells have been shipped from Switzerland, of which 115 have arrived at Salt Lake City. Trains continue production at the Salt Lake City facility.		
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	\$64,100,000	CON	12/5/2019	3/31/2020	\$31,178,778	48.64%	X	Feb-26		Expenditures increased from 48% to 49.64%. LRV #1 is in final detail and will be delivered to SacRT January 26, 2023. LRV #2 & #3 are in testing. LRV #4, #5, #6 and #7 have started assembly. LRV #8, #9 and #10 are in sub assembly. LRVs 11-20 car shells are being fabricated.	
2018	15	San Bernardino County Transportation Authority	San Bernardino County Transportation Authority	DMU to ZEMU - Diesel Multiple Unit Vehicles to Zero-Emission Multiple Unit Procurement	100%	Supporting Infrastructure for Zero-Emission Vehicles		\$500,000	PA&ED	8/16/2018	-	\$414,027	83%	X	10/31/2022		No change in expenditures this reporting period. Final design of the maintenance facility retrofit was submitted to the Southern California Regional Rail Authority. SCE, the City of San Bernardino, and the San Bernardino County Fire in November and December 2022. Complete with savings. Agency expects to move savings to another component of the project.	
						DMU to ZEMU Conversion	CP034	\$3,000,000	PS&E	8/16/2018	-	\$2,606,193	87%	X	Aug-25	Expenditures increased from 70% to 87%. Vehicle final design is 90% complete with minor modifications to remaining components.		
								\$24,700,000	CON	8/16/2018	11/13/2019	\$13,203,811	53%	X	Aug-25	No change in expenditures this reporting period. Agency submitted an invoice in December 2022. Caltrans is processing the invoice. The vehicle began operational testing under battery and hydrogen power in Europe in December 2022.		
						ZEMU Supporting Infrastructure		\$1,800,000	CON	10/14/2021	-	\$0	0%	-	Waiver 22-56 on 5/19/22 to extend Period of Contract 20 months to 12/31/2023. IFB and Project Specifications are currently being developed.			
2018	17	San Diego Metropolitan Transit System	San Diego Metropolitan Transit System	Blue Line Rail Corridor Transit Enhancements	93%	Beech Street Double Crossover		\$3,691,000	CON	12/3/2020	1/13/2021	\$1,008,505	27%		-	No change in expenditures this reporting period. Agency expects to submit an invoice by April 2023. Project scheduled to be completed by January 2024. Agency expects to come in for a supplemental allocation by June 2023. Shortfall will be funded with savings from other components.		
						American Plaza Pedestrian Enhancements		\$920,000	PS&E	3/14/2019	-	\$531,461	58%	X	12/31/2022	Expenditures increased from 14% to 58%. Agency expects to submit final invoice by June 2023. Post Fact Time Extension Waiver 22-70 on 5/19/2022 to extend period of project development expenditure 18 months to 12/31/2022 finalize the design phase by December 31, 2022.		
						Green Line IMT Double Tracking		\$6,354,000	CON	12/3/2020	2/16/2022	\$0	0%		-	No change in expenditures this reporting period. SDMTS is putting together the reimbursement package and expects to submit an invoice by March 2023. Currently excavating site for building of the retaining wall.		
						Blue Line Feeder Bus Service Stop Improvements		\$2,852,000	CON	10/14/2021	5/3/2022	\$0	0%		-	No change in expenditures this reporting period. Agency expects to submit an invoice in February 2023. Agency is working with contractor to get submittals, schedules, permits, etc. in order to get project started.		
						Midletown Double Crossover		\$4,977,000	CON	10/9/2019	12/17/2019	\$3,892,496	78%	X	6/13/2022	Expenditures increased from 77% to 78%. Project completed early. Agency submitted final invoice in late November. LED 12/27/2022. Caltrans is processing the invoice.		
						Old Town Transit Center Enhancements		\$2,367,000	CON	12/5/2019	8/11/2020	\$2,367,000	100%	X	4/30/2022	X	Expenditures increased from 0% to 100%. Agency submitted final invoice. Phase complete. Will be removed from future reports.	
						Blue Line Feeder Bus Service (11 Buses) for Route 925		\$13,316,000	CON	6/24/2021	6/24/2021	\$0	0%		-	No change in expenditures this reporting period. Agency is still experiencing major bus production and schedule delays. MTS has not received any buses. New arrival timeframe is late February through April. Agency expects to submit first invoice upon delivery, testing, and acceptance.		
						Blue Line Feeder Bus Service Charging Infrastructure for Route 925		\$929,000	CON	10/14/2021	5/3/2022	\$913,879	98%		-	Expenditures increased from 0% to 98%. Work is still ongoing and they are installing rebar for the pier caps and tie beams now. Agency did not award a 3rd party contract within the timely use of funds policy. Funds lapsed.		

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						Oakley Station	CP035	\$626,000	PS&E	10/18/2018	-	\$182,535	29%	X	6/30/2022		Expenditures increased from 6% to 29%. Agency submitted final invoice. Funds were not expended according to the timely use of funds policy. Funds lapsed. Work will be completed with other fundings sources. Remaining funds will be reprogrammed and allocated to a separate project within the TIRCP Valley Rail project.
						Madera Station	CP035	\$1,952,000	PS&E	3/25/2021	-	\$476,532	24%		-		Expenditures increased from 4% to 24%. PS&E is ongoing and approximately 58% complete. SJRRC submitted the 60% design to UPRR for review. Agency expects to come in for a time extension for period of project development at the May CTC meeting.
								\$4,230,000	R/W	3/25/2021	-	\$9,106	0.2%		-		Expenditures increased from 0.1% to 0.2%. Right of Way activities are ongoing.
						Trackwork and Stations: Madera, Lodi, Elk Grove, City College, Midtown, Old North Sacramento, Natomas Station and Layover Facility, and UPRR Track Work.	CP035	\$5,000,000	PA&ED	10/18/2018	-	\$3,080,185	62%	X	6/30/2022		Expenditures increased from 51% to 62%. Final invoice received in December 2022. Caltrans is processing the invoice. Phase has savings. Remaining funds will be reprogrammed to a separate project within the TIRCP Valley Rail project. Environmental clearance is complete. Valley Rail Extension CEQA 2019090306 - EIR 3/2020, NOD 10/5/2020. Elk Grove CEQA 2021080045 - EIR 12/2021.
						Lodi Station	CP035D	\$6,046,000	PS&E	1/28/2021	-	\$0	0%		-		TIRCP-2223-04 on 8/18/2022 amended resolution TIRCP-2021-31 to split the PS&E allocation of \$7,913,000 into seven separate components. The Lodi Station component received \$500,000. TIRCP-2223-18 amended resolution TIRCP-2122-01 to split the allocation of \$14,460,000 into 11 separate components. The Lodi Station component received \$5,546,000. PS&E is ongoing and approximately 37% complete. Agency expects to come in for a time extension for period of project development at the May CTC meeting.
								\$2,985,000	R/W	1/28/2021	-	\$0	0%		-		Resolution TIRCP-2223-11 amended resolution TIRCP-2021-31 to split the allocation of \$9,599,000 into five separate components. The Lodi Station component \$2,985,000. Right of Way activities are ongoing.
						Elk Grove Station	CP035A	\$4,726,000	PS&E	1/28/2021	-	\$8,999	0.2%		-		Expenditures increased from 0% to 0.2%. TIRCP-2223-16 on 8/18/2022 amended resolution TIRCP-2122-01 to split the allocation of \$14,460,000 into 11 separate components. The Elk Grove Station component received \$536,000. PS&E is ongoing and approximately 59% complete.
								\$6,940,000	R/W	5/19/2022	-	\$3,839	0.1%		-		Expenditures increased from 0% to 0.1%. Right of Way activities are ongoing.
						Midtown Station	CP035E	\$6,111,000	PS&E	1/28/2021	-	\$0	0%		-		TIRCP-2223-05 on 8/18/2022 amended resolution TIRCP-2021-31 to split the allocation of \$7,913,000 into seven separate components. The Midtown Station component received \$802,000. TIRCP-2223-19 on 8/18/2022 amended resolution TIRCP-2122-01 to split the allocation of \$14,460,000 into 11 separate components. The Midtown Station component received \$5,309,000. PS&E is ongoing and approximately 29% complete. Agency expects to come in for a time extension for period of project development at the May CTC meeting.
								\$56,000	R/W	1/28/2021	-	\$0	0%		-		TIRCP-2223-12 on 8/18/2022 amended resolution TIRCP-2021-31 to split the allocation of \$9,599,000 into five separate components. The Midtown Station component received \$56,000. No new activities to report.
						Downtown Mobility Project	CP035C	\$160,000	PS&E	1/28/2021	-	\$0	0%		11/16/2022		TIRCP-2223-03 on 8/18/2022 amended resolution TIRCP-2021-31 to split PS&E allocation of \$7,913,000 into seven separate components. The Downtown Mobility Project component received \$160,000. Agency to submit an invoice in Q4 22/23.
								\$2,501,000	CON	8/18/2022	11/16/2022	\$0	0%		-		TIRCP-2223-26 allocation on 8/18/2022. Third party contract fully awarded 11/16/2022.
						Natomas Station and Layover Facility	CP035B	\$2,756,000	PS&E	1/28/2021	-	\$0	0%		-		TIRCP-2223-02 on 8/18/2022 amended resolution TIRCP-2021-31 to split the PS&E allocation of \$7,913,000 into seven separate components. Natomas Station and Layover Facility component received \$2,331,000. TIRCP-2223-17 on 8/18/2022 amended resolution TIRCP-2122-01 to split the allocation of \$14,460,000 into 11 separate components. The Natomas Station and Layover Facility component received \$425,000. CEQA - EIR, 12/2/2020. Reviewed 60% design submittal from design contractor. Agency expects to come in for a time extension for period of project development at the May CTC meeting.
								\$10,360,000	R/W	1/28/2021	-	\$0	0%		-		TIRCP-2223-10 on 8/18/2022 amend Resolution TIRCP-2021-31 to split out the approved R/W allocation of \$9,599,000 into five separate components. The Natomas Station and Layover Facility component received \$4,927,000. TIRCP-2223-27S on 8/18/2022. Right of Way activities are ongoing. Agency expects to come in for a time extension for period of project development at the May CTC meeting.

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2018	19	San Joaquin Joint Powers Authority and San Joaquin Regional Rail Commission	San Joaquin Regional Rail Commission	Valley Rail	20%	Del Paso Siding Extension	CP035F	\$3,002,000	PS&E	1/28/2021	-	\$0	0%		-		TIRCP-2223-06 on 8/18/2022 amended resolution TIRCP-2021-31 to split the allocation of \$7,913,000 into seven separate components. The Del Paso Siding Extension component received \$3,002,000. PS&E is ongoing and approximately 42% complete. The schedule has been revised due to UPRR requirements which required redesign. UPRR requires a 7,000-ft track extension. Agency plans to come in for a time extension to extend period of project development in March 2023.
						Phillips Siding Rehabilitation	CP035G	\$612,000	PS&E	1/28/2021	-	\$0	0%		-		TIRCP-2223-07 on 8/18/2022 amended resolution TIRCP-2021-31 to split the allocation of \$7,913,000 into seven separate components. The Phillips Siding Rehabilitation component received \$612,000. PS&E is ongoing and approximately 56% complete. The schedule has been revised due to UPRR requirements, which required redesign. The 30% design was submitted in December 2022. Union Pacific issued a new design requirement to extend five culverts. Agency plans to come in for a time extension to extend period of project development in March 2023.
						Pollock Siding Upgrade	CP035H	\$659,000	PS&E	8/19/2021	-	\$0	0%		-		TIRCP-2223-20 on 8/18/2022 amended resolution TIRCP-2122-01 to split the allocation of \$14,460,000 into 11 separate components. The Pollock Siding Upgrade component received \$659,000. CEQA - EIR, 12/2/2020. PS&E activities are ongoing.
						Pollock to South Sacramento Yard Extension	CP035I	\$1,448,000	PS&E	8/19/2021	-	\$0	0%		-		TIRCP-2223-21 on 8/18/2022 amended resolution TIRCP-2122-01 to split the allocation of \$14,460,000 into 11 separate components. The Pollock to South Sacramento Yard Extension component received \$1,448,000. PS&E activities are ongoing.
								\$939,000	R/W	1/28/2021	-	\$0	0%		-		TIRCP-2223-13 on 8/18/2022 amended resolution TIRCP-2021-31 to split the allocation of \$9,599,000 into five separate components. The Pollock to South Sacramento Yard Extension (UPRR Trackwork) component received \$939,000. R/W activities are ongoing. Agency expects to come in for a time extension for period of project development at the May CTC meeting.
						Rail Engineering Support (Stations)	CP035J	\$506,000	PS&E	1/28/2021	-	\$0	0%		-		TIRCP-2223-08 on 8/18/2022 amended resolution TIRCP-2021-31 to split the allocation of \$7,913,000 into seven separate components. The Rail Engineering Support (Stations) component received \$506,000. Activities are ongoing. Agency expects to come in for a time extension for period of project development at the May CTC meeting.
						Sacramento Subdivision Curve MP 114.73 to MP 115.04	CP035K	\$41,000	PS&E	8/19/2021	-	\$0	0%		-		TIRCP-2223-22 on 8/18/2022 amended resolution TIRCP-2122-01 to split the allocation of \$14,460,000 into 11 separate components. The Sacramento Subdivision Curve MP 114.73 to MP 115.04 component received \$41,000. PS&E activities are ongoing.
						Sacramento Subdivision Curve MP 117.18 to MP 117.55	CP035L	\$43,000	PS&E	8/19/2021	-	\$0	0%		-		TIRCP-2223-23 on 8/18/2022 amend Resolution TIRCP-2122-01 to split the allocation of \$14,460,000 into 11 separate components. PS&E activities are ongoing.
						Sacramento Subdivision Curve MP 135.55 to MP 135.85	CP035M	\$37,000	PS&E	8/19/2021	-	\$0	0%		-		TIRCP-2223-24 on 8/18/2022 amended resolution TIRCP-2122-01 to split the allocation of \$14,460,000 into 11 separate components. The Sacramento Subdivision Curve MP 135.55 to MP 135.85 component received \$37,000. PS&E activities are ongoing. PS&E activities are ongoing.
						Sacramento Subdivision Curve MP 97.08 to MP 97.38	CP035N	\$35,000	PS&E	8/19/2021	-	\$0	0%		-		TIRCP-2223-25 on 8/18/2022 amended resolution TIRCP-2122-01 to split the allocation of \$14,460,000 into 11 separate components. The Sacramento Subdivision Curve MP 97.08 to MP 97.38 component received \$35,000. PS&E activities are ongoing.
Old North Sacramento Station	CP035O	\$381,000	PS&E	8/19/2021	-	\$0	0%		-		Resolution TIRCP-2223-26 on 8/18/2022 amended resolution TIRCP-2122-01 to split the allocation of \$14,460,000 into 11 separate components. The Old North Sacramento Station component received \$381,000. PS&E activities are ongoing.						
		\$692,000	R/W	1/28/2021	-	\$0	0%		-		TIRCP-2223-14 on 8/18/2022 amended resolution TIRCP-2021-31 to split the allocation of \$9,599,000 into five separate components. The Old North Sacramento Station component received \$692,000. PS&E activities are ongoing.						

Table 2. TIRCP Semi-Annual Report Status of Active Projects

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	Report Status			
						Trackwork and Stations: Lodi, City College, Midtown, Natomas Station and Layover facility and UPRR Track Work	CP036	\$7,913,000	PS&E	1/28/2021	-	\$1,856,882	23%		-		Expenditures increased from 8% to 23%. TIRCP-2223-01 on 8/18/2022 amended resolution TIRCP-2021-31 to reduce the original allocation for this project to \$0 and split out the \$7,319,000 into seven separate components with its own PS&E allocation.			
																				Expenditures increased from 0.3% to 1%. TIRCP-2223-09 on 8/18/2022 amended resolution TIRCP-2021-31 to reduce the original allocation for this project to \$0 and split out the \$9,599,000 into five separate components with its own RW allocation.
						Trackwork and Stations: Lodi, Midtown, Natomas Station and Layover Facility and UPRR Track Work	CP035Y	\$14,460,000	PS&E	8/19/2021	-	\$0	0%		-		No change in expenditures this reporting period. TIRCP-2223-15 amended resolution TIRCP-2122-01 to reduce the original allocation for this project to \$0 and split out the \$14,460,000 into 11 separate components with its own PS&E allocation.			
						BNSF Track Improvements 2nd Main Track, CP Escalon to CP Merced	CP035V	\$1,750,000	PA&ED	3/25/2021	-	\$0	0%		-		No change in expenditures this reporting cycle. Delay is due to staffing turnover at BNSF. Agency expects to submit an invoice Q4 22/23. Design work is ongoing. Agency expects to come in for a time extension for period of project development at the May CTC meeting.			
						BNSF Track Improvements	CP035	\$18,250,000	CON	3/25/2021	-	\$0	0%		-		No change in expenditures this reporting cycle. Agency did not award a 3rd party contract within the timely use of funds policy. Funds lapsed. Agency will request to reallocate at a future.			
						Network Integration	CP035	\$1,000,000	CON	10/18/2018	12/1/2018	\$997,490	99.7%	X	6/30/2022	X	Expenditures increased from 88% to 99.7%. Final invoice submitted. Complete. Project savings will be deallocated and allocated to another project component at a future meeting. Will be removed from future reports.			
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	Dec-23		No change in expenditures this reporting cycle. After submitting project plans to the City of Goleta in April of 2022, City staff provided SBMTD with an As Built Development Plan project completeness determination on June 22, 2022, an As Built Development Plan project approval determination on September 26, 2022, and a Substantial Conformity Determination project completeness determination on December 15, 2022. Costs have been incurred. Agency will invoice once complete.			
						Procurement of Zero Emission Buses														Expenditures increased from 1% to 4%. BYD bus manufacturer is in production of the 5 ZEB motor coaches. The buses are anticipated to be inspected this Spring prior to delivery.
2018	22	Santa Barbara County Association of Governments	Santa Barbara County Association of Governments	Goleta Train Depot Improvements	26%	New Multi-Modal Facility Adjacent to Amtrak Train Station	CP047	\$960,000	PA&ED	8/15/2019	-	\$960,000	100%	X	6/30/2022	X	Expenditures increased from 76% to 100%. Final invoice received. Complete. Will be removed from future reports.			
																			No expenditures this reporting period. Agency will submit invoice in January 2023. City project team completed 100% design and submitted to City Council for review; prepared for meetings and met with stakeholders, LOSSAN, transit operators, adjacent property owners, utilities, and others. Continued bi-weekly project mtgs.	
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	-	\$0	0%	X	May-24		In March 2021, the Commission approved Wavler-21-22 for a 20-month time extension to award a third-party contract. Since the time extension SRTA has not found commercially available electric bus to award a third-party contract; therefore, the funds will lapse on January 1, 2023. Once a fuel cell motorcoach that meets the needs of the proposed route is commercially available, SRTA will request that this project be reprogrammed and that an allocation for this newly scoped project be put before the Commission for consideration and approval. Will be removed from future reports.			
2018	25	Solano Transportation Authority	Solano Transportation Authority	Solano Regional Transit Improvements	86%	Charging Vehicle Infrastructure	CP046	\$2,000,000	PS&E	3/25/2020	-	\$1,218,099	61%	X	6/30/2022	X	Expenditures increased from 58% to 61%. Final invoice submitted. Complete. The Curtola Park & Ride Hub has Solano County's first inductive (wireless) charger. Agency expects to deallocate savings and add it to another component of the project. Will be removed from future reports.			
						Vehicle Procurement Pilot	CP046	\$1,100,000	CON	5/13/2021	5/24/2021	\$0	0%		-		No change in expenditures this reporting cycle. The ZEB from BYD was redelivered to SoftTrans. SoftTrans held an event on September 27, 2022 to showcase the ZEB at its Curtola Parkway Park & Ride Transit Hub.			
2018	26	Sonoma-Marin Area Rail Transit District	Sonoma-Marin 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	\$19,521,178	98%	X	Aug-23		No change in expenditures this reporting cycle. At the time of allocation, the project was fully funded. However, some local bridge toll funds have been held up in litigation. Project remains 30% completed and in a suspended status pending identification of replacement funds for the regional bridge tolls due to the RM3 funds litigation, no resolution as of November 30, 2022. Agency applied for Cycle 6 TIRCP funds. Caltrans nominated the project for the next round of Solutions for Congested Corridors Program funding with awards to be announced in May/June 2023.			
						Network Integration	CP041N	\$1,000,000	CON	8/16/2018	9/19/2018	\$182,249	18%	X	Aug-23		No change in expenditures this reporting cycle. Agency expects to submit invoice in Q4 FY 22/23. East West Study project has completed the Rail Feasibility Study and a corridor planning white paper. The work is scheduled to start in March and be done in June for technical studies to expedite project delivery north of our current system.			



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						Environmental Assessment for WAVE 1 and WAVE 2	CP033	\$6,600,000	PA&ED	8/16/2018	-	\$1,307,096	24%	X	Jun-23		On 4/13/2022 TIRCP-2122-25 amendment split the approved Wave 1 and 2 PA&ED allocation of \$6,600,000 into 12 separate component/ phases. Environmental Assessment Wave 1 and 2 component is now \$0. In process of splitting expenditures by December 2022 into separate components/phases following allocation split.		
				El Monte Siding and Station Improvements			CP033Y	\$905,000	PA&ED	8/16/2018	-	\$139,680	15%	X	3/16/2021		Expenditures increased from 1% to 15%. Phase is complete, pending expenditure adjustments in process at Caltrans to split expenditures into new component/phases. CEQA - Statutory Exemption (SE) 6/26/2014. Second CEQA-SE 3/16/2021.		
								\$6,572,000	PS&E	10/18/18	-	\$422,783	6%		Oct-24		Expenditures increased from 1% to 6%. Expenditure adjustments in process at Caltrans to split into new component/phases.		
									\$1,043,000	R/W	5/13/2021	-	\$164	0.02%		-		No change in expenditures this reporting period. Agency is currently finalizing offer packages for ROW acquisitions. Certification is scheduled to be completed by October 2023.	
				El Monte Station Area Grade Crossing Safety Improvements located in Los Angeles County			CP033	\$2,292,000	PA&ED	8/19/2021	-	\$0	0%		-		No change in expenditures this reporting period. Agency submitted an invoice in December 2022. Caltrans is processing the invoice.		
				Rancho Cucamonga Station Improvements			CP033H	\$690,000	PA&ED	8/16/2018	-	\$0	0%	X	3/16/2021		No change in expenditures this reporting period. Phase is complete, pending expenditure adjustments in process at Caltrans to split expenditures into new component/phases. CEQA - Statutory Exemption (SE) 6/26/2014. Second CEQA-SE 3/16/2021.		
									\$5,794,000	PS&E	10/16/18	-	\$761	0.01%	X	Oct-24		No change in expenditures this reporting period. Expenditure adjustments in process at Caltrans to split into new component/phases.	
										\$1,176,000	R/W	5/13/2021	-	\$0	0%		-		No change in expenditures this reporting period.
				Serra Siding Extension			CP033E	\$1,387,000	PA&ED	8/16/2018	-	\$116,377	8%	X	Jun-23		Expenditures increased from 0.3% to 8%. Expenditure adjustments in process at Caltrans to split into new component/phases. Continued review of Draft EIR for Serra Siding project by stakeholders. CEQA to be completed March 2024.		
										\$3,337,000	PS&E	10/18/18	-	\$0	0%	X	Oct-24		No change in expenditures this reporting period. Expenditure adjustments in process at Caltrans to split into new component/phases.
				Design for Service Improvements Wave 1 & Wave 2 on the SB, VC, OC, & LA Trunk Lines			CP033	\$20,825,000	PS&E	10/18/2018	-	\$10,513,012	65%	X	Oct-24		On 4/13/22 TIRCP-2122-26 amended Resolution TIRCP-1819-04 to split the project into 10 separate components and also split out the approved Wave 1 and 2 PS&E allocation of \$20,825,000. PS&E \$0 for Wave 1 and 2 component. In process of splitting expenditures by December 2022 into separate components/phases following allocation split.		
				Riverside Downtown Station Improvements			CP033F	\$549,000	PA&ED	8/16/2018	-	\$0	0%	X	Jun-23		No change in expenditures this reporting period. Expenditure adjustments in process at Caltrans to split into new component/phases.		
				Burbank Junction Speed Improvements			CP033C	\$141,000	PA&ED	08/16/18	-	\$0	0%	X	11/3/2020		No change in expenditures this reporting period. Phase is complete, pending expenditure adjustments in process at Caltrans to split expenditures into new component/phases. CEQA - Statutory Exemption (SE) 6/26/2014. Second CEQA-SE 11/3/2020.		
										\$2,392,000	PS&E	10/18/2018	-	\$306,595	13%	X	1/22/2021		Expenditures increased from 0% to 13%. Phase complete, pending expenditure adjustments in process at Caltrans to split expenditures into new component/phases. 100% Design Plans 1/22/2021.
										\$16,480,000	CON	3/25/2021	1/18/2022	\$489,347	3%		-		Expenditures increased from 0.4% to 3%. Continued Construction on Burbank Junction. Procurement of long lead items complete. Signal Cutover planned for February 10th. Track work to be performed late May. Project is currently on schedule with completion targeted for August 2023.

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2018	27	Southern California Regional Rail Authority	Southern California Regional Rail Authority		45%	Chatsworth Station Improvements	CP033A	\$368,000	PA&ED	08/16/18	-	\$0	0%	X	10/28/2020		No change in expenditures this reporting period. Phase complete, pending expenditure adjustments in process at Caltrans to split expenditures into new component/phases. CEQA - Statutory Exemption (SE) 6/26/2014. Second CEQA-SE 10/28/2020.
								\$4,479,000	PS&E	10/18/2018	-	\$0	0%	X	2/26/2021		No change in expenditures this reporting period. Phase complete, pending expenditure adjustments in process at Caltrans to split expenditures into new component/phases. 100% Design Plans 2/26/2021.
								\$3,585,000	R/W	1/28/2021	-	\$51,792	1%	-			Expenditures increased from 0.2% to 1%. Property appraisals complete; offer packages under review; scheduled for Completion April 2024. R/W phase is to purchase parcels for certain control points at the Chatsworth station on the Ventura County line (leads to or enters county line). The construction is for safety upgrades to pedestrian crossings that lead to the Chatsworth Station. The scopes do not impact one another, but they are related. They are both elements of the project. One is in the station and one is outside the station. They agency is able to work on both concurrently.
								\$1,500,000	CON	03/26/21	2/24/2022	\$95,325	6%	-		Expenditures increased from 0.2% to 6%. Began Signal work at Chatsworth Station. The construction is for safety upgrades to pedestrian crossings that lead to the Chatsworth Station. The scopes do not impact one another, but they are related. They are both elements of the project. One is in the station and one is outside the station. They agency is able to work on both concurrently. Corrected 3rd party contract award date. Date was incorrect due to human error.	
						Marengo Siding Improvements	CP033D	\$461,000	PA&ED	8/16/2018	-	\$0	0.0%	X	12/4/2020		No change in expenditures this reporting period. Phase complete, pending expenditure adjustments in process at Caltrans to split expenditures into new component/phases. CEQA - Statutory Exemption (SE) 6/26/2014. Second CEQA-SE 12/4/2020.
								\$3,386,000	PS&E	10/18/2018	-	\$474,357	14%	X	Oct-24		Expenditures reduced from 68% to 14% due to expenditure adjustment. Caltrans is processing split expenditure adjustments. Camera Ready design completion pending ROW certification completion. Scheduled for completion in September 2023.
								\$904,000	R/W	03/25/21	-	\$329	0.04%	-		No change in expenditures this reporting period.	
						Signal Respacing Burbank to LA	CP033B	\$5,000	PA&ED	8/16/2018	-	\$0	0%	X	2/8/2021		No change in expenditures this reporting period. Complete. Expenditure adjustments in process at Caltrans to split expenditures into new component/phases. CEQA - Statutory Exemption (SE) 6/26/2014. Second CEQA-SE 2/8/2021.
								\$496,000	PS&E	10/18/2018	-	\$0	0%	X	2/26/2021		No change in expenditures this reporting period. Complete. Expenditure adjustments in process at Caltrans to split expenditures into new component/phases. 100% Design Plans 2/26/2021.
								\$6,557,000	CON	03/25/21	9/22/2021	\$583,139	9%	-		Expenditures increased from 4% to 9%. Continued Construction of Signals: Burbank - LA.	
						Simi Valley Double Track	CP033G	\$1,684,000	PA&ED	8/16/2018	-	\$0	0%	X	8/26/2021		No change in expenditures this reporting period. Complete. Expenditure adjustments in process at Caltrans to split expenditures into new component/phases. CEQA - Statutory Exemption (SE) 6/26/2014. Second CEQA-SE 8/26/2021
								\$12,367,000	PS&E	10/18/18	-	\$0	0%	X	Oct-24		No change in expenditures this reporting period. Complete. Expenditure adjustments in process at Caltrans to split expenditures into new component/phases. Camera Ready design completion pending ROW certification completion.
								\$2,891,000	R/W	4/13/2022	-	\$0	0%	-		No change in expenditures this reporting period. Agency submitted an invoice in December 2022. Caltrans is processing the invoice. Expenditure adjustments in process at Caltrans to split expenditures into new component/phases. Appraisal process is initiated. ROW certification is scheduled for completion January 2024.	

Table 2. TIRCP Semi-Annual Report Status of Active Projects

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			Orange County Transportation Authority			LA to Fullerton Trunk Line, Track Improvements for Wave 1A Design/Build (Multi-Year Funding)	CP033	\$5,200,000	CON	10/18/18	-	\$5,118,221	98.4%	X	Oct-24		Expenditures increased from 98% to 98.4%. Agency submitted an invoice in December 2022. Caltrans is processing the invoice. Continuing negotiations with BNSF regarding the scope of the first phase of Fullerton Junction and Fullerton Station modifications.															
																				No change in expenditures this reporting period. Agency expects to submit an invoice in Q4 22/23. Metrolink Right of Entry permit RWP Safety Training Engagement meeting with key stakeholders Biological Study conducted. Geotechnical Subsurface Laboratory, (boring and testing activities) performed Geotechnical Laboratory Soil Testing performed. TRICP-2021-30 in June 2021 the agency requested an additional 12 months past the June 30, 2023 deadline at the time of allocation to LED of June 30, 2024.												
			Southern California Regional Rail Authority			Orange County Maintenance Facility, Ph 1a	CP033	\$4,829,000	PA&ED	10/9/2019	-	\$3,093,627	64%	X	Feb-24		Expenditures increased from 0% to 64%. Phase is in final stages, preparing environmental document for OCTA board approval. Contractor work substantially complete. Final invoice will be submitted Q4 FY 22/23.															
																				OCMF Fencing	CP033	\$5,100,000	CON	10/18/2018	4/13/2019	\$778,325	15%	X	Oct-24		Expenditures increased from 10% to 15%.	
			Southern California Regional Rail Authority			Supplemental Fleet Refurbishment	CP033	\$27,327,000	CON	10/18/2018	8/22/2019	\$2,343,184	9%	X	Oct-24		Expenditures increased from 8% to 9%. Six cars shipped to contractor facility, seven cars conditionally accepted, five cars in service. CTC approved a supplemental allocation (TIRCP 2223-35S) 12/8/2022 in the amount of \$8,267,000, increasing the allocation amount from \$19,060,000 to \$27,327,000 to complete construction work.															
																				Signals in OC (Atwood to Orange)	CP033I	\$17,000	PA&ED	8/16/2018	-	\$0	0%	X	11/19/2021		Expenditure adjustments in process at Caltrans to split expenditures into new component/phases. CEQA - Statutory Exemption (SE) 6/26/2014. Second CEQA-SE 11/19/2021.	
																							\$189,000	PS&E	10/18/2018	-	\$0	0%	X	6/16/2022		Expenditure adjustments in process at Caltrans to split expenditures into new component/phases. Complete. 100% Design Plans 6/16/2022.
																								\$829,000	CON	12/5/2019	10/12/2020	\$391,124	47%	X	Feb-24	
									Signals in OC (Avery to Songs)	CP033K	\$210,000	PA&ED	8/16/2018	-	\$0	0%	X	12/31/2020		Expenditure adjustments in process at Caltrans to split expenditures into new component/phases. Original CEQA - Statutory Exemption (SE) 6/26/2014. Second CEQA-SE 12/31/2020.												
																								\$992,000	PS&E	10/18/2018	-	\$0	0%	X	4/23/2021	
																					\$5,181,000	CON	5/13/2021	1/24/2022	\$192,472	4%		-		Expenditures increased from 1% to 4%.		
			Los Angeles County Metropolitan Transportation Authority			Link US	CP033	\$23,021,000	PA&ED	10/18/2018	-	\$23,021,000	100%	X	12/31/2021	X	Expenditures increased from 0% to 100%. Complete. Will be removed from future reports.															
																							\$67,336,000	PS&E	12/3/2020	-	\$5,328,358	8%		-		Expenditures increased from 0% to 8%. Metro is proceeding with the re-procurement for CMGC Contractor for Phase A. Continued coordination with BNSF to develop required mitigations for impacts on the West Bank Yard.
																								\$137,063,000	R/W	8/15/2019	-	\$55,964,892	41%	X	Feb-24	
			Southern California Regional Rail Authority			Railyard Rehabilitation & Modernization	CP033Y	\$19,766,000	CON	3/25/2020	8/21/2020	\$9,601,390	49%	X	Dec-27		Expenditures increased from 21% to 49%.															
																							\$10,000,000	CON	10/18/2018	9/30/2020	\$5,096,710	51%	X	Jun-23		Expenditures decreased from 79% to 51% due to expenditure adjustment invoice to incorrect project ID. Station Planning and Connectivity Study development of toolkit report and select pilot project stations and brief Member Agencies for their input. Trip Planning and Fare Payment Integration Strategic Implementation Plan evaluation of Fare Verification and Entry Control Methods. Schedule Integration Analysis completion of the Statement of Work and selected consultant for project.
TOTAL – TIRCP Cycle #3								\$1,701,053,000				\$419,593,042	25%		-																	

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TIRCP Cycle #4																	
2020	1	Antelope Valley Transit Authority	Antelope Valley Transit Authority	Reaching the Most Transit-Vulnerable: AVTA's Zero Emission Microtransit and Bus Expansion Proposal	100%	Network Integration	CP059	\$250,000	CON	8/13/2020	8/14/2020	\$82,871	33%		-		Expenditures increased from 16% to 33%. Agency is working with vendor on the Network Integration Study and expects units to be available in mid-2023. Proceeded with development and usage of smartphone app. Agency held discussions regarding mobile validators - awaiting determination by Cal-HTP.
						Purchase of 11 Zero-Emission Vehicles and Supporting Infrastructure Vehicle Procurement Component		\$6,253,000	CON	8/13/2020	7/14/2021	\$0	0%		-		No change in expenditures this reporting period. First 60-ft bus due for delivery by the end of January 2023 with the remaining units due by March 2023. The 30-ft buses are expected by late summer 2023. Agency expects to submit invoice once buses are delivered, tested, and accepted. The supporting infrastructure will be billed at the same time as the buses.
2020	3	Capitol Corridor Joint Powers Authority	Capitol Corridor Joint Powers Authority	Sacramento Valley Station (SVS) Transit Center	18%	Network Integration	CP061	\$720,000	CON	8/12/2020	4/2/2021	\$44,853	6%		-		Expenditures increased from 0.1% to 6%. The I-5 study is ongoing. The Downtown Sacramento Integration study is complete. The IS Ramp Reconfiguration Study is ongoing. Agency plans to come in for a time extension at the May meeting.
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	-	\$17,914,123	90%		-		Expenditures increased from 83% to 90%. City expects the PA&ED to be completed by June 2023.
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	-	\$42,849	17%		9/14/2022		Expenditures increased from 8% to 17%. Agency will submit final invoice the next quarter. Agency anticipates project savings. A Mitigated Negative Declaration was adopted by the Lake Transit Authority Board of Directors at a public hearing on September 14, 2022. CEQA 2022080132 - MTD 9/14/2022.
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	3/24/2022	\$0	0%		-		No change in expenditures this reporting period. Agency will invoice once buses are received, tested, and accepted. The bus order is on schedule to be completed before the last expenditure date of March 2025. The first pilot bus is currently being built and planned to be delivered by next quarter.
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	6%	San Diego County Maintenance and Layover Facility	CP066	\$2,250,000	PA&ED	8/19/2021	-	\$0	0%		-		No change in expenditures this reporting period. The proposed property to build the San Diego Layover is no longer available. LOSSAN is working with the Port of San Diego and BNSF to find alternate sites. Additional LOSSAN staff will be getting involved in the process in order to move the process forward more quickly. At the moment, no updated site has been found. Agency anticipates a future need to either extend the LED and/or deallocate the funding due to these delays. Only the location would change, the scope would remain the same.

Table 2. TIRCP Semi-Annual Report Status of Active Projects

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	Report Status
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	\$3,496,377	15%		-		No change in expenditures this reporting period. Agency expects to submit an invoice in Q4 FY 22/23. Mobilization and start up activities of design, engineering and procurement is complete. Placed order of major components. Siemens ordered brakes, HVACs, drive units, trucks, propulsion system, and auxiliary power systems. SacRT will continue working with Siemens Mobility Inc. to ensure manufacturing progress of SacRT Low Floor Light Rail Vehicles continues. This procurement is part of Sacramento Regional Transit District's existing third-party contract from the 2016 Transit and Intercity Rail Capital Program (TIRCP) selected project. A notice to proceed (NTP) is anticipated to be issued in January 2022.
2020	10	San Bernardino County Transportation Authority and Omnitrans	San Bernardino County Transportation Authority	West Valley Connector Bus Rapid Transit Phase 1 & Zero-Emission Bus Initiative	100%	Acquisition of Zero-Emission Buses	1232	\$15,000,000	CON	10/30/2022	-	\$0	0%		-		CTC resolution TIRCP-2223-30 on 10/13/2022 awarded full allocation of the project award for acquisition of 18 battery electric zero-emission buses. Agency expects full third party contract award March 2023.
2020	11	San Diego Association of Governments	San Diego Metropolitan Transit System	SDConnect: San Diego Rail Improvement Program	91%	El Cajon Third Track	CP069	\$720,000	PS&E	10/22/2020	-	\$644,920	90%		11/16/2021		No change in expenditures this reporting period. Agency expects to submit final invoice Q4 FY 22/23. 100% design plans dated 6/21/2021. Work completed early. LED is 6/30/2023.
						Del Mar Bluffs Phase 5		\$6,480,000	CON	5/19/2022	6/22/2022	\$0	0%		-	No change in expenditures this reporting period. Agency submitted an invoice in December 2022. Caltrans is processing the invoice. Partial NTP given to contractor due to schedule changed because of material delays. Construction completion might get delayed a couple months.	
								\$3,774,000	PS&E	8/13/2020	-	\$1,381,428	37%		11/21/2022	No change in expenditures this reporting period. Complete 11/21/22. Agency submitted an invoice in January 2023. Caltrans is processing the invoice. The Plans went to the City of Del Mar design review board. The constructability review for the project was performed. The 100% design was reviewed by SANDAG, NCTD, and the peer review team. All comments were addressed in the revised 100% submittal. State Parks right-of-entry permit and City of Del Mar Encroachment Permits were approved.	
2020	13	Santa Monica Big Blue Bus	Santa Monica Big Blue Bus	For People, Place and Planet: Connecting Inglewood to Regional Opportunities	100%	Procurement of 7 Zero-Emission Buses	CP071	\$1,105,000	CON	10/13/2022	-	\$0	0%		-		CTC resolution TIRCP-2223-30 on 10/13/2022 awarded full allocation of the project award for procurement of seven zero-emission battery electric buses. Agency expects to award 3rd party contract next quarter.
2020	14	Solano Transportation Authority (STA)	Solano Transportation Authority (STA)	Solano Regional Transit Improvements Phase 2	24%	Access Improvements at Fairfield Transit Center	CP072	\$400,000	PS&E	5/13/2021	-	\$54,806	14%		-		Expenditures increased from 0% to 14%. STA currently working with Caltrans to get the design approved.
						Shared Inductive Charging Infrastructure		\$1,000,000	PS&E	10/22/2020	-	\$279,272	28%		-	Expenditures increased from 19% to 28%. Agency continued to coordinate with BART and PG&E to work on completing the design of the inductive chargers, and will continue to work on the development of the Society of Automotive Engineers (SAE) standards.	
						Network Integration		\$1,100,000	CON	10/22/2020	2/23/2021	\$1,069,930	97%		-	Expenditures increased from 36% to 97%. The Connection Protection Pilot Program has successfully completed delivering messages to SolTrans on-board messaging system.	
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%		-		No change in expenditures this reporting period. The bus manufacturer is currently working on the bus order. The first pilot bus is scheduled to be delivered by June 2023, all buses are planned to be delivered by December 31, 2023. Agency to invoice once buses are delivered, tested, and accepted.
2020	16	Transit Joint Powers Authority of Merced County	Transit Joint Powers Authority of Merced County	Improving Air Quality & and the 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%		-		No change in expenditures this reporting period. Agency is working with contractor to establish a build schedule and bus specifications compliant with TIRCP grant requirements. Agency to invoice upon bus delivery, testing and acceptance.
<b>TOTAL – TIRCP Cycle #4</b>								<b>\$98,465,000</b>				<b>\$25,011,430</b>	<b>25%</b>		-		

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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	Report Status	
TIRCP Cycle #5																		
2022	2	Antelope Valley Transit Authority (AVTA)	Antelope Valley Transit Authority (AVTA)	Sweet Home Antelope Valley - Where the Skies are so Blue	43%	Procurement of 6 Zero-Emission Microtransit Buses and 6 Zero-Emission School Buses	CP098	\$2,073,000	CON	12/8/2022	-	\$0	0%		-		On 12/8/2022 resolution TIRCP-2223-36 was approved to allocate funds to procure six (6) zero emission microtransit vehicles for use on AVTA's expanded microtransit service, and six (6) zero emission school buses for use on AVSTA school routes allocation. Agency on track to award 3rd party contract by June 2023. CEQA - NOE-CE, 10/26/2022.	
2022	4	Capitol Corridor Joint Powers Authority (CCJPA) with City of Sacramento, Sacramento Area Council of Governments (SACOG), and Sacramento Regional Transit District (SacRT)	City of Sacramento	Sacramento Valley Station (SVS) Transit Center: Priority Projects	2%	H Street Cycle Track Project On-Street Component	CP094A	\$850,000	PA&ED	12/8/2022	-	\$0	0%		-		On 12/8/2022 resolution TIRCP-2223-36 was approved to allocate funds for Preliminary engineering for a two-way cycle track (Class IV) on City ROW beginning on the east side of 10th Street between I Street and H Street.	
						Sacramento Downtown Regional Bus Route Consolidation - 5th Street Extension	CP094A	\$379,000	PS&E	12/8/2022	-	\$0	0%		-		On 12/8/2022 resolution TIRCP-2223-36 was approved to allocate funds for Engineering design to complete surface street improvements and signals for a road segment within the Sacramento Railyards Plan area. CEQA - EIR, 11/10/2016	
2022	6	City of Glendale	City of Glendale and Arroyo Verdugo Communities	Making a Beeline for Electrification	2%	Parking Deck Build Enhancements	CP082	\$750,000	PS&E	10/13/2022	-	\$0	0%		-		On 10/13/2022 resolution TIRCP-2223-30 was approved to allocate funds to design for the second-level parking deck within existing right-of-way with a solar panel canopy over an existing bus parking area.	
2022	10	Contra Costa Transportation Authority (CCTA)	Contra Costa Transportation Authority	I-680 Express Bus Program	7%	Integrated Transit Plan - ITP	CP096	\$1,000,000	CON	12/8/2022	-	\$0	0%		-		On 12/8/2022 resolution TIRCP-2223-36 was approved to allocate funds for a countywide study of the transit services and travel markets in Contra Costa County to advance strategic coordination among bus transit operators in Contra Costa County, between bus transit operators and BART.	
2022	11	Fresno County Rural Transit Agency (FCRTA)	Fresno County Rural Transit Agency (FCRTA)	Fresno County Rural Transit Agency Resiliency Hub	0.49%	Resiliency Hub Structure with Inductive Charging	CP089	\$30,000	PA&ED	12/8/2022	-	\$0	0%		-		On 12/8/2022 resolution TIRCP-2223-36 was approved to allocate funds to obtain project approval and environmental clearance for the Resiliency Hub. FCRTA will begin PA&ED this quarter.	
2022	12	Humboldt Transit Authority (HTA)	Humboldt Transit Authority (HTA)	Expanding Transit Services and Introducing Zero-Emission Fleets on California's North Coast	16%	Redwood Coast Express Route and Regional Coordination and Outreach	CP101	\$703,000	PS&E	12/8/2022	-	\$0	0%		-			On 12/8/2022 resolution TIRCP-2223-36 was approved plan, kickstart, and promote the new Redwood Coast Express intercity route between Humboldt and Mendocino Counties and support the ongoing regional coordination across transit agencies in northern California to further efforts to implement coordinated ticketing under Cal-ITP.
						Hydrogen Infrastructure	CP101A	\$1,860,000	PS&E	12/8/2022	-	\$0	0%		-			On 12/8/2022 resolution TIRCP-2223-36 was approved design and plan the hydrogen fuelling station that will support the zero-emission fuel cell electric buses.
						Fuel Cell Electric Bus Procurement - Pilot	CP101B	\$2,461,000	CON	12/8/2022	-	\$0	0%		-			On 12/8/2022 resolution TIRCP-2223-36 was approved to develop and pilot an extended range fuel cell electric bus that will meet the needs of the new Redwood Coast Express route.
						Intermodal Transit and Housing Center	CP101D	\$1,255,000	PA&ED	12/8/2022	-	\$0	0%		-			On 12/8/2022 resolution TIRCP-2223-36 was approved to obtain project approval and environmental document for the intermodal transit and housing center.
2022	16	San Diego Metropolitan Transit System (SDMTS)	San Diego Metropolitan Transit System (SDMTS)	Zero Emission Transit Enhancement Project	3%	Orange Line Improvement Project Install Grade Cross Warning System	CP088	\$160,000	PS&E	12/8/2022	-	\$0	0%		-		On 12/8/2022 resolution TIRCP-2223-36 was approved for design of rail crossing and signal improvements along 19 stations to improve service reliability and safety.	
						Orange Line Improvement Project Signal Replacement with Bi-directional Signaling	CP088A	\$940,000	PS&E	12/8/2022	-	\$0	0%		-		On 12/8/2022 resolution TIRCP-2223-36 was approved for design of signaling and track circuit enhancements and replacement of aging infrastructure located in San Diego County.	
2022	22	Southern California Regional Rail Authority (SCRRA - Metrolink)	Riverside County Transportation Commission	Metrolink Perris Valley Line Capacity Improvements	11%	Expansion and Layover Track	CP081	\$2,700,000	PS&E	10/13/2022	-	\$0	0%		-		On 10/13/2022 resolution TIRCP-2223-30 was approved to design the extension of the Perris-South Station platform by 85 feet, construction of a second platform, 1,100 feet of new station track, and construction of a 4th layover track at the Perris-South maintenance yard.	
TOTAL - TIRCP Cycle #5								\$15,161,000				\$0	0%		-			