

Memorandum

Tab 55

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

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Information Item

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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 57 awarded projects from all three 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 systems, and bus and ferry transit systems. In addition, SB 1 provides a significant funding increase to the program, generating approximately \$1.4 billion over the next 10 years.

To date, CalSTA has awarded over \$5.3 billion in TIRCP funds to 57 projects over the three award cycles (2015, 2016, and 2018). In the most recent award cycle (announced in April 2018), CalSTA awarded \$4.325 billion to 28 recipients.

As a condition of project selection and allocation, implementing agencies are required to submit to the Department reports on activities and progress made towards implementation of their 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



Semi-Annual Report

Transit & Intercity Rail Capital Program

Semi-Annual Report to the
California Transportation Commission
March 13, 2019



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**The Transit and Intercity Rail Capital Program (TIRCP)
Semi-Annual Report
July 1, 2018 – February 28, 2019**

Program Purpose and Goals

The Transit and Intercity Rail Capital Program (TIRCP) represents an historic investment in California's future. It is an investment that will create new and improved mobility options for Californians and move us toward our ambitious climate targets while supporting land use and equity goals. The TIRCP Program is one of several programs that have a goal of reduced greenhouse gas emissions and achievement of other benefits. These programs are funded by auction proceeds from the California Air Resource Board's Cap-and-Trade Program with proceeds deposited into the Greenhouse Gas Reduction Fund (GGRF), TIRCP also receives significant funding from Senate Bill 1 (Chapter 5, Statutes of 2017).

The TIRCP program is available to public agencies that operate or have planning responsibility for existing or planned intercity or commuter passenger rail service, urban rail transit, bus or ferry service. The TIRCP goals include the reduction of greenhouse gas emissions, expanded rail service to increase ridership, the integration of different rail and bus systems, and improved rail safety. Eligible projects include rail and bus capital projects, and operational improvements that result in increased ridership and reduced greenhouse gas emissions. In each award round, projects have been selected with the intention to create an integrated network of local, regional, and statewide services that will enhance the experience for every day users while drawing new riders to rail and transit. Overall, TIRCP projects are forming a coordinated statewide system that will provides frequent, reliable, and seamless mobility options for all Californians and our visitors.

Background of the TIRCP

The TIRCP was created by Senate Bill (SB) 862 (Chapter 36, Statutes of 2014) and modified under SB 9 (Chapter 710, Statutes of 2015) to continuously appropriate to the California State Transportation Agency (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 systems, and bus and ferry transit systems. In addition, SB 1 provided a significant funding increase to the Program, generating approximately \$1.4 billion over the next 5 years in addition to the ongoing Cap and Trade funds.

Legislative History:

- Assembly Bill 32 (2006) set greenhouse gas reduction targets and authorized the Cap-and-Trade Program at the Air Resources Board.
- Senate Bill 375 (2008) and Senate Bill 391 (2009) require sustainable communities strategies be included in regional transportation plans and the statewide transportation plan.
- Assembly Bill 3034 (2008) placed Proposition 1A before voters, which provides bond funding to reduce greenhouse gas emissions through rail investments, including the high-speed rail project.
- Senate Bill 535 (2011) requires that programs funded from the Greenhouse Gas Reduction Fund result in benefits to disadvantaged communities. The Transit and Intercity Rail Capital Program targets at least 25 percent of program expenditures to benefit disadvantaged communities.
- Senate Bill 9 (2015) provided funding for transformative capital improvements that will modernize California's intercity, commuter and urban rail systems and bus and ferry transit systems. SB9 required CalSTA to adopt a multi-year program of projects and the California Transportation Commission (Commission) to allocate funding to eligible applicants pursuant to the program of projects.
- Senate Bill 1 (2017) provided a funding increase to the TIRCP program, generating approximately \$1.4 billion over a 10-year period that will fund projects in conjunction with Cap and Trade funds. Additionally, SB1 allows the TIRCP program to provide multi-year funding for projects.

TIRCP Cycle 1 (2015) and Cycle 2 (2016) are fully funded through the Cap and Trade Program's auction proceeds and the Greenhouse Gas Reduction Fund (GGRF). The Cap-and-Trade Program is one of many programs developed under Assembly Bill 32 to fight climate change. It is designed to reduce greenhouse gases from the largest sources of emission in California, and to drive innovation and steer the State toward a clean energy economy.

Beginning in 2018 with Cycle 3 and pursuant to Senate Bill 9, CalSTA was required to develop a five-year program of projects starting with the 2018-19 fiscal year and ending with the 2022-23 fiscal year. Funding for the five-year cycle was significantly increased due to legislation passed in 2017. First, Senate Bill 1 (Chapter 5) provided a historic funding increase for transportation with an estimated \$1.4 billion directed to the Transit and Intercity Rail Capital Program from the Public Transportation Account for new programming in Cycle 3. Second, Assembly Bill 398 (Chapter 135) extended the Cap and Trade Program from 2020 through 2030 thereby providing an estimated \$1 billion in Greenhouse Gas Reduction Funds to this program during the programming period of 2018-19 through the 2022-2023 fiscal year. For Cycle 3 all awarded projects are receiving a combination of approximately 45% GGRF and 55% SB1 funding.

With the 2020 TIRCP Cycle 4, two additional years will be added to the ongoing five-year program, approved by April 1 of each even-numbered year thereafter.

Allocation Process

Under TIRCP, the Commission approves all allocation requests. The California Department of Transportation (Caltrans) submits and recommends to the Commission approval of allocation requests based on project readiness, availability of funds, and determination of committed funding. For construction allocations, Caltrans certifies that all pre-construction activities are complete and ensures projects are ready to award third-party construction contracts within six months of allocation approval. Under the TIRCP guidelines, projects that can not award a construction contract within the deadline are permitted to request time extensions only if CalSTA and Caltrans deem the circumstances for the delay to be unforeseen and extraordinary.

Summary of Cycle 1

In fiscal years 2014-15 and 2015-16, TIRCP awarded 14 projects for a total of \$224 million through a competitive process. In the 2015 award cycle, the Transit and Intercity Rail Capital Program included \$25 million of 2014-15 funds, as well as 10 percent of annual state Cap-and-Trade auction proceeds from the Greenhouse Gas Reduction Fund. The program adopted a program of projects that covered two years in funding for fund both transit and rail investments, including demonstration projects.

The 14 selected projects support approximately \$720 million in public transportation investments and reduce an estimated 860,000 metric tons of carbon dioxide (MTCO_{2e}), the equivalent to taking 180,000 cars off the road. These awards fund 16 new light rail vehicles, 7 refurbished light rail vehicles, 4 passenger rail cars, 9 Tier IV locomotives, 20 compressed natural gas buses and 41 zero emission electric buses.

Summary of Cycle 2

In fiscal years 2016-17 and 2017-18, TIRCP awarded 14 projects for a total of \$391 million through a competitive process from the 41 applications received. Additionally, SB 132 as part of the 2016 budget, directed \$400M be used for the extension of the Altamont Corridor Express to Ceres and Merced with appropriation authority through the Transit and Intercity Rail Capital Program. The SB132 funds are being tracked with the Cycle 2 awards. The selected projects, valued at more than \$3.8 billion, reduce 4,129,500 MTCO_{2e} and 13 of the projects directly benefit disadvantaged communities. In the 2016 cycle, the program adopted a multi-year program of projects covering 2016-17 and 2017-18.

Summary of Cycle 3

For fiscal years 18-19 through fiscal years 22-23, TIRCP awarded funds to 28 projects that were selected from 47 applications. The cycle 3 awards total over \$2.6 billion dollars for the initial five-year program and \$1.675 billion of additional funding is made available to seven of the selected recipients through multi-year funding agreements. The Cycle 3 projects have a total construction value of over \$19 billion, reduce 31,942,000 MTCO_{2e} and 26 of the projects are located within priority populations, contributing direct, meaningful and assured benefits to disadvantaged communities, low-income communities or low-income households.

Program Status

To date, CalSTA has awarded over \$5.3 billion in TIRCP funds to 57 projects for the three award cycles (2015, 2016, and 2018). A summary of the award cycles is provided in the following table.

Summary of Awards

	Cycle 1¹ (2015)	Cycle 2² (2016)	Cycle 3³ (2018)	Total
Number of Awarded Projects	14	15	28	57
Award Amount	\$224.3	\$790.9	\$4,325.0	\$5,340.0
Amount Allocated	\$224.3	\$217.3	\$331.5	\$773.1
Percent Allocated	100%	27.5%	7.7%	14.5%
Expended Amount	\$84.3	\$78.9	\$0	\$161.1
Expended Percent	37.6%	36.3%	0%	21.1%
Completed Projects	5	0	0	5

(\$ x million)

Program Status Attachment

Attachment 1 provides a snapshot of all TIRCP projects awarded for Cycles 1, 2, and 3. Five projects in Cycle 1 have been completed, with two additional projects over 75% reimbursed. One third of projects in Cycle 2 have received reimbursements for work underway. In Cycle 3, 21 projects have received allocation. Attachment 1 provides name, description and financial status of the projects as of February 28, 2018.

Accountability

This report represents the first submittal of the TIRCP's program status and represents another element of Caltrans commitment to transparency and accountability. Future report submittals will be presented to the Commission semi-annually, consistent with other program reports. This document is intended to provide the Commission with meaningful and useful information on the Transit and Intercity Rail Capital Program.

¹ Cycle 1, 2-year cycle; GGRF funding only

² Cycle 2, 2-year cycle; GGRF and SB 132 funding (\$400m)

³ Cycle 3, 5-year cycle; includes GGRF and SB-1 funding.

Award Year	Project Number	Agency	Project Title	Project Description	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
Cycle #1										
2015	1	Antelope Valley Transit Authority	Regional Transit Interconnectivity & Environmental Sustainability	Purchase of 29 zero-emission electric buses for bus rapid transit route and long-distance commuter routes.	\$24,403,000	\$24,403,000 10/22/2015	\$0	\$6,374,547	26.1%	2020
<p>Status: 10 of the 13 60-foot buses have been received. Of the remaining three buses, two are scheduled to be delivered in 6-8 weeks, with the last articulated bus being outfitted with charging equipment and be delivered in 8-10 weeks. The 45-foot commuter buses are due to be delivered between June and November 2019. All onsite charging infrastructure has been completed. The charging infrastructure at Sgt. Steve Owen Memorial Park has been completed and tested and is fully operational. The charging infrastructure at Palmdale Transportation Center has been completed and tested, and full operations will be ready next week.</p>										
2015	2	Capitol Corridor Joint Powers Authority	Capitol Corridor Travel Time Reduction	Track and curve improvements along designated portions of Union Pacific Railroad track between San Jose and Benicia. The project will reduce travel time in the corridor by at least 10 minutes on the Capitol Corridor and 7 minutes on the Altamont Corridor Express (ACE).	\$4,620,000	\$4,620,000 05/19/2016	\$0	\$4,620,000	100%	Complete
<p>Status: All construction work has been completed. Coordination with Union Pacific Railroad for travel time adjustment has been completed with trains running at higher speed. New train schedules that reflect the travel time savings achieved (and offset by Positive Train Control travel time increases) will be produced in May 2019.</p>										
2015	3	Los Angeles County Metropolitan Transportation Authority	Willowbrook / Rosa Parks Station and Blue Line Light Rail Improvements	Blue line station and infrastructure improvements, including signal and crossover upgrades.	\$38,494,000	\$38,494,000 06/30/2016	\$0	\$12,568,283	32.6%	2020

Status: Construction is underway.

Award Year	Project Number	Agency	Project Title	Project Description	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2015	4	Los Angeles-San Diego-San Luis Obispo Rail Corridor Agency (LOSSAN)	Pacific Surfliner Transit Transfer Program	Collaborative effort among LOSSAN and 12 transit agencies to demonstrate the ability to increase use of transit for access to and from intercity rail service by providing free or discounted transfers.	\$1,675,000	\$1,675,000 12/10/2015	\$0	\$79,432	4.7%	2019
Status: The Transit Transfer program has been successfully rolled out to all connecting transit agencies. Program is nearing completion, with plans to add electronic transit transfer capabilities to LA Metro in the final phase of program delivery. The program will continue through the LOSSAN operating budget once TIRCP funds are exhausted.										
2015	5	Monterey – Salinas Transit	Monterey Bay Operational & Maintenance Facility/Salinas Transit Service	Renovation and expansion of 37-year old Monterey maintenance facility to accommodate additional buses and reduced non-revenue “deadhead” trips.	\$10,000,000	\$10,000,000 05/19/2016	\$0	\$10,000,000	100%	Complete
Status: The project is complete and operational. The final inspection is complete, and project will be closed-out in March 2019.										
2015	6	Orange County Transportation Authority	Bravo! Route 560 Rapid Buses	Purchase of five 40-foot Compressed Natural Gas buses to launch second rapid bus route linking the Santa Ana Regional Transportation Center (serving Metrolink and Amtrak) with Long Beach.	\$2,320,000	\$2,320,000 10/22/2015	\$0	\$2,320,000	100%	Complete

Status: The project was complete and operational as of January 2018. The final inspection and close-out have been performed.

2015	7	Sacramento Regional Transit District	Refurbishment of Seven Light Rail Vehicles	Refurbishment of 7 vehicles acquired from Santa Clara Valley Transportation Authority to support 15-minute peak hour service on Blue and Gold Lines.	\$6,427,000	\$6,427,000 08/27/2015	\$0	\$6,113,107	95.1%	2019
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Status: The project is 97 percent complete. Anticipated completion by June 2019.

Award Year	Project Number	Agency	Project Title	Project Description	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2015	8	San Diego Association of Governments	South Bay Bus Rapid Transit	Construct the remaining 11-mile segment of route 21 that will operate between Downtown San Diego and Otay Mesa International Border Crossing via eastern Chula Vista. Includes the purchase of 15, 60-foot, low-floor articulated CNG buses.	\$4,000,000	\$4,000,000 08/27/2015	\$0	\$4,000,000	100%	Complete

Status: The project is almost complete, as the last segment is still under construction. However, the bus service is operating the entire route and traveling through a construction zone until that last segment is completed in late 2019.

2015	9	San Diego Metropolitan Transit System	Trolley Capacity Improvements	Design and construction of new terminal station for the Orange Line at the new San Diego Superior Court building, including the acquisition of 8 new light rail vehicles for the new Blue and Orange Lines.	\$31,936,000	\$31,936,000 01/21/2016	\$0	\$31,936,000	100%	2019
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Status: The Court House station is complete and operational as of February 2018. All light rail vehicles will be delivered and conditional accepted and in service by May 2019.										
2015	10	San Francisco Municipal Transportation Agency	Expanding the SFMTA Light Rail Vehicle Fleet	Purchase eight zero-emission light rail vehicles to support fleet expansion.	\$41,181,000	\$41,181,000 12/10/2015	\$0	\$0	0%	2020
Status: All eight light rail vehicles have been delivered and are operational. Final invoice received and pending payment.										
2015	11	San Joaquin Regional Rail Commission	Altamont Corridor Express Wayside Power	Installation of wayside power sources at ACE's new Regional Maintenance Facility in Stockton.	\$200,000	\$200,000 08/17/2017	\$0	\$200,000	100%	Complete
Status: The project is complete, and the award is fully expended.										
Award Year	Project Number	Agency	Project Title	Project Description	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2015	12	San Joaquin Regional Transit District	BRT Expansion: MLK Corridor and Crosstown Miner Corridor	Construction of bus rapid transit infrastructure along the MLK corridor and Crosstown Miner Corridor, including the acquisition of 12 new zero-emission electric vehicles	\$6,481,000	\$6,481,000 03/16/2016	\$0	\$5,460,885	79.8%	2019
Status: Construction is complete. Both corridors are operational using the zero-emission electric vehicles.										
2015	13	Southern California Regional Rail Authority	Purchase of Nine Fuel-Efficient Tier IV EMD F-125 Locomotives for Metrolink Commuter Rail Service	Purchase of nine Tier IV locomotives to support expanded service.	\$41,181,000	\$41,181,000 08/27/2015	\$0	\$0	0%	2020

Status: Locomotives are part of a 40-locomotive delivery. The delivery has been slower than planned and the rollout in revenue service is taking longer than planned. Full delivery of these nine locomotives expected in 2022. SCRRA will seek reimbursement upon delivery of locomotives.										
2015	14	Sonoma-Marín Area Rail Transit District	SMART Rail Car Capacity	Purchase of four rail cars to support additional passenger capacity.	\$11,000,000	\$11,000,000 03/17/2016	\$0	\$550,000	5.0%	2021
Status: Railcars have been received and have entered the testing period. Railcars are expected to enter revenue service later in 2019.										
TOTAL – Cycle 1					\$224,300,000	\$224,300,000	\$84,300,000	\$84,222,254	37%	-----
Cycle #2										
2016	1	Antelope Valley Air Quality Management District	Zero Emission Bus & Vanpool Expansion in the Antelope Valley, Kern County and the Coachella Valley	Acquisition of 15 zero-emission buses and 10 zero-emission vanpool vehicles to expand service for three agency consortia (AVTA, Kern Regional Transit, SunLine Transit)	\$8,930,000	\$8,930,000 01/19/2017	\$0	\$0	0%	2020
Status: Recipient has received five replacement buses and is expecting the delivery of the five remaining expansion and one replacement bus for Kern Regional Transit. SunLine Transit has received two of the four replacement buses and is in the process of accepting the delivered buses prior to putting them in service. The two remaining buses are pending delivery.										
Award Year	Project Number	Agency	Project Title	Project Description	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2016	2	Capitol Corridor Joint Powers Authority	Increased Rail Service to Roseville, Service Optimization, Standby Power	Construct track and facility improvements for three Amtrak daily round trips between Sacramento and Roseville.	\$8,999,000	\$3,446,000 03/16/2017	\$5,553,999	\$50,026	1.5%	2020
Status: Recipient is currently working toward completing the design phase of the Sacramento to Roseville component. Expected to request construction funding in FY 2020-21.										
2016	3	Foothill Transit	Transforming California: Bus Electrification, Service Expansion & Rail Integration	Acquisition of 20 zero-emission buses to extend Route 486 to the Pomona Metrolink station.	\$5,000,000	\$0 Pending	\$5,000,000	\$0	0%	2022

Status: The recipient is currently conducting a study with a consultant to determine the most appropriate locations for charging stations prior to requesting an allocation of funds and entering into a vehicle procurement contract. The study will be completed by June 2019.										
2016	4	City of Fresno	Fresno Metropolitan Rapid Transit & Rail	Construct and purchase customer focused corridor enhancements to increase ridership on Fresno's new bus rapid transit and high frequency routes.	\$8,000,000	\$4,083,000 12/07/2016	\$3,917,000	\$2,856,157	70.0%	2020
Status: The modernized fare payment component is complete and operational. The BRT route on which the modernized fare payment system was installed has entered revenue service. The bus stop improvements for Shaw and Cedar Avenue corridor is pending right of way acquisition, remaining allocation is expected in FY 2019-20.										
2016	5	Los Angeles County Metropolitan Transportation Authority	Airport Metro Connector 96 th Street Station/Metro Green Line Extension to LAX	Construct new transit station that links Los Angeles International Airport's new people mover to the Metro Green & Crenshaw Lines & bus service.	\$40,000,000	\$0 Pending	\$40,000,000	\$0	0%	2024
Status: This will be a major infill station on the Crenshaw/LAX line that is expected to enter operation by mid-2020. Design of the infill station has been advanced by LA Metro with its own funds. Request for allocation for construction is expected in FY2019-20.										
Award Year	Project Number	Agency	Project Title	Project Description	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2016	6	Los Angeles County Metropolitan Transportation Authority	Metro Red & Purple Line Capacity Improvements	Construct LA Union Station improvements to allow Red and Purple Subway lines to offer more frequent service.	\$69,209,000	\$5,009,000 01/19/2017	\$64,200,000	\$1,119,881	22.4%	2024
Status: Allocations for environmental and design work have been made; and there are no delays to report. Projected allocation and construction start in FY 2019-20.										
2016	7	Los Angeles-San Diego-San Luis Obispo Rail Corridor Agency (LOSSAN)	All Aboard: Transforming Southern California Rail Travel	Construct track improvements to allow faster and more frequent service on Amtrak, Metrolink and Coaster.	\$82,000,000	\$67,000,000 03/16/2017	\$15,000,000	\$45,731,846	68.3%	2021

Status: All allocated components are underway and are expected to be complete within the initial project schedule.										
2016	8	Orange County Transportation Authority	OC Streetcar & System-Wide Mobile Ticketing	Construct OC Streetcar project connecting Santa Ana and Garden Grove with zero-emission service and system-wide mobile ticketing investments.	\$28,000,000	\$28,000,000 10/20/2016	\$0	\$0	0%	2022
Status: The mobile ticketing component is operational as of February 2018, and the OC Streetcar was awarded its federal grant in November 2018. The third-party construction contract was also awarded in November 2018, and construction has commenced. Awaiting initial invoices from OCTA.										
2016	9	Peninsula Corridor Joint Powers Board	Peninsula Corridor Electrification	Acquisition of new electric trainsets to provide more frequent and faster service once the Peninsula Corridor Electrification Project is complete.	\$20,000,000	\$20,000,000 06/29/2017	\$0	\$7,261,080	36.3%	2023
Status: The acquisition of the Electric Multiple Unit trains is on track with no delays to report.										
Award Year	Project Number	Agency	Project Title	Project Description	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2016	10	Sacramento Regional Transit District	Downtown / Riverfront Sacramento – West Sacramento Streetcar	Construct new streetcar line linking Sacramento and West Sacramento providing new-zero emission service.	\$30,000,000	\$0 Pending	\$30,000,000	\$0	0%	2020
Status: As a condition of the TIRCP award the project requires approval of a Federal Small Starts Grant. Allocation request is pending approval of the federal grant.										
2016	11	San Bernardino County Transportation Authority	Redlands Passenger Rail Car	Construct new rail system that connect the University of Redlands and downtown San Bernardino with fast, frequent service.	\$9,204,000	\$9,204,000 10/18/2018	\$0	\$0	0%	2022

Status: The Commission recently allocated the full awarded amount. Third party construction contract award and start of construction is expected by July 2019.										
2016	12	San Francisco Municipal Transportation Agency	Light Rail Modernization & Expansion Program	Acquisition of 10 expansion light-rail vehicles for more capacity and improved service.	\$45,092,000	\$45,092,000 05/17/2017	\$0	\$0	0%	2020
Status: All ten rail vehicles have been delivered and are operational.										
2016	13	San Joaquin Regional Rail Commission	ACE Near-Term Capacity Improvement Program	Lengthen platforms and acquire one Tier IV locomotive to allow busiest train to add seating capacity.	\$16,459,000	\$8,000,000 08/17/2017	\$8,459,000	\$5,482,958	68.5%	2021
Status: The locomotive contract was awarded in April 2018. Grantee anticipates receiving the first of four locomotives in December 2019. Platform extension design for five stations is underway. Final construction allocation request expected in FY 2019/20.										
2016	14	Santa Clara Valley Transportation Authority	BART Silicon Valley Phase II Extension	Procurement of BART vehicles as part of the BART to San Jose Extension.	\$20,000,000	\$0 Pending	\$20,000,000	\$0	0%	2027
Status: This is pending allocation which is expected in FY 2021-22. Approval of a Letter of No Prejudice that included the \$20 million awarded in 2016 was made at the October 2018 Commission meeting. An allocation request is pending a federal grant agreement.										
Award Year	Project Number	Agency	Project Title	Project Description	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2016	15	San Joaquin Regional Rail Commission	ACE Merced Extension (SB132)	ACE Extension Lathrop to Merced and related systems	\$400,000,000	\$18,550,768 SB 132	\$381,449,232	\$16,424,723	88.5%	2023
Status: In August 2018, the SJRRRC Board of Commissioners certified the Final Environmental Impact Report (EIR) for the ACE Extension Lathrop to Ceres/Merced Project and adopted a Statement of Overriding Considerations for the Project. At the October CTC meeting, the Final EIR and Statement of Overriding Considerations was accepted by the Commission. Work also began on environmental assessments for the Valley Rail Program for the ACE Extension to Sacramento.										
TOTAL – Cycle #2					\$790,893,000	\$217,314,000	\$573,593,000	\$78,926,671	36.3%	-----

Cycle #3										
2018	1	Alameda Contra Costa Transit District	Purchase Zero Emission High Capacity Buses to Support Transbay Tomorrow & Clean Corridors Plan	Acquisition of 45 zero-emission buses to support the Transbay Tomorrow and Clean Corridors project, primarily on the MacArthur-Grand corridor. Includes funding for Network Integration opportunities.	\$14,000,000	\$500,000 10/18/2018	\$13,500,000	\$0	0%	2021
Status: Partial allocation was made for Network Integration. The projected allocation of vehicle procurement is in FY 2019-20.										
2018	2	Anaheim Transportation Network	#Electrify Anaheim: Changing the Transit Paradigm in S. California	Acquisition of 40 zero-emission electric buses and 10 micro-cruisers, including supporting infrastructure.	\$28,617,000	\$23,659,000 08/16/2018	\$4,958,000	\$0	0%	2021
Status: All 10 of the LSV micro-transit vehicles have been procured and they were placed into service on January 24, 2019. The service has been well received and ridership has steadily increased each week since in service. The purchase order for the electric buses has been approved by our board of directors and we will be placed in March 2019. The electric bus maintenance facility is still projected to be allocated in FY 2019-20.										
Award Year	Project Number	Agency	Project Title	Project Description	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2018	3	Antelope Valley Transit Authority and Long Beach Transit	From the Desert to the Sea: AVTA and LBT Transit Zero Emission Bus Initiative	Purchase of 12 zero-emission battery electric buses and related infrastructure to support enhance service. Includes funding for Network Integration opportunities.	\$13,156,000	\$11,200,000 10/18/2018	\$1,200,000	\$0	0%	2020

Status: Partial allocations have been made for vehicle procurement, supporting infrastructure and Network Integration activities. The vehicle purchase order is expected by April 2019. Projected allocation for final facilities projected in FY 2019-20.

2018	4	Bay Area Rapid Transit District	Transbay Corridor Core Capacity Program	Acquisition of 272 new rail vehicles and communication-based train control systems to allow for increase service frequency.	\$318,600,000	\$0 Pending	\$318,600,000	\$0	0%	2029
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Status: First partial allocation projected in FY 2019-20. The project is pending approval of a Full Funding Grant Agreement.

2018	5	Capitol Corridor Joint Powers Authority	The Northern California Corridor Enhancement Program	Realignment of Oakland to San Jose corridor to reduce travel time and initial funding for the state's Integrated Travel Program. Includes funding for Network Integration opportunities.	\$80,340,000	\$11,200,000 12/06/2018	\$69,140,000	\$0	0%	2023
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Status: Consultant selections have been made for all allocated components.

2018	6	City of Fresno	Southwest Fresno Community Connector	Purchase of six zero-emission battery electric buses including construction of charging infrastructure.	\$7,798,000	\$0 Pending	\$7,798,000	\$0	0%	2020
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Status: The allocation for design of supporting infrastructure is projected in FY 2019-20.

Award Year	Project Number	Agency	Project Title	Project Description	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
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2018	7	City of Los Angeles	Los Angeles City: Leading the Transformation to Zero-Emission Electric Bus Transit Service	Procurement of 112 zero-emission buses and supporting infrastructure to allow increase service frequency. Includes funding for Network Integration opportunities.	\$36,104,000	\$36,104,000 08/16/2018	\$0	\$0	0%	2020
Status: Vehicle procurement contract expected by July 2019.										
2018	8	City of Santa Monica	Electric Blue: Electrification of City of Santa Monica's Big Blue Bus	Purchase 10 zero-emission battery electric vehicles and supporting infrastructure to allow for new express service.	\$3,050,000	\$0 Pending	\$3,050,000	\$0	0%	2021
Status: Projected allocation in Fiscal year 2018-19.										
2018	9	Livermore Amador Valley Transit Authority	Dublin / Pleasanton Capacity Improvement & Congestion Reduction Program	Construction of a new multi-level parking structure to accommodate increased BART ridership demand. Includes funding for Network Integration opportunities.	\$20,500,000	\$500,000 12/16/2018	\$20,000,000	\$0	0%	2020

Status: Allocation has been made for Network Integration. Recipient is awaiting completion of environmental work prior to requesting funds for design.

Award Year	Project Number	Agency	Project Title	Project Description	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2018	10	Los Angeles County Metropolitan Transportation Authority	Los Angeles Region Transit System Integration & Modernization Program of Porjects	Capital improvements that will broaden and modernize transit connectivity in Los Angeles County and the region through investments in the Gold Line Foothill Light Rail Transit Extension to Montclair, East San Fernando Valley Transit Corridor, West Santa Ana Branch Light Rail Transit Corridor, Green Line Light Rail Extension to Torrance and Orange/red Line to Gold Line Bus Rapid Transit Connector.	\$1,088,499,000	\$7,000,000 12/6/2018	\$1,081,499,000	\$0	0%	2029

Status: Letter of No Prejudice for the Gold Line Foothill Light Rail Transit Extension to Montclair project was approved in August 2018.

2018	11	Los Angeles-San Diego-San Luis Obispo Rail Corridor Agency (LOSSAN)	All Aboard 2018: Transforming SoCal Rail Travel	Investments for Pacific Surfliner and Coaster through signal optimization, robust capital maintenance, right of way fencing and a study of San Diego maintenance/layover facility relocation opportunities. Funding included for Network Integration efforts.	\$40,412,000	\$2,558,000 10/18/2018	\$37,854,000	\$0	0%	2024
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Status: On-time performance program contract has been approved by LOSSAN and NCTD boards and is scheduled for initial fiscal outlays in FY 2018-19.

Award Year	Project Number	Agency	Project Title	Project Description	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2018	12	Los Angeles-San Diego-San Luis Obispo Rail Corridor Agency (LOSSAN)	Building Up: LOSSAN North Improvement Program	Investments that increase Pacific Surfliner service to Santa Barbara, including signaling and switch upgrades, siding and station improvements.	\$147,930,000	\$8,284,000 10/18/2018	\$139,646,000	\$0	0%	2022

Status: Full allocations have been made for the Centralized Traffic Control and Upgrade of Non-Powered Switches components in Santa Barbara and San Luis Obispo counties. Partial allocation has been made for the Union Pacific Capitalized Track Access Incentives component.

2018	13	Peninsula Corridor Joint Powers Board	Peninsula Corridor Electrification Expansion	Lengthening of station platforms to accommodate longer trains and improvements to wayside bicycle facilities and onboard Wi-Fi expansion. Funding included for Network Integration opportunities.	\$164,522,000	\$37,000,000 08/16/2018	\$127,522,000	\$0	0%	2025
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Status: Allocations have been made for supporting infrastructure, vehicle procurement and Network Integration. An additional allocation of remaining program funds for vehicle procurement and supporting infrastructure is expected in FY 2020-21.

2018	14	Sacramento Regional Transit District	Accelerating Rail Modernization & Expansion in the Capital Region	Acquisition of new low-floor rail vehicles and platform conversion. Includes funding for Network Integration opportunities.	\$64,350,000	\$0 Pending	\$64,350,000	\$0	0%	2026
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Status: Projected allocation for Network Integration in FY 2018-19. Allocation for vehicle acquisition and construction project for FY 2019-20.

2018	15	San Bernardino County Transportation Authority	Diesel Multiple Unit Vehicle to Zero-or-Low Emission Vehicle Conversion & West Valley Connector Bus Rapid Transit	Pilot effort to develop a Zero Emission Multiple Unit train set, and conversion of Diesel Multiple Unit rail vehicles.	\$30,000,000	\$17,000,000 08/16/2018	\$13,000,000	\$0	0%	2023
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Status: Partial allocations have been made for vehicle procurement, and design of supporting infrastructure. The vehicle procurement contract is expected by February 2019.

Award Year	Project Number	Agency	Project Title	Project Description	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2018	16	San Diego Association of Governments	Ride Between the Line: Enhancing Access to Transit in San Diego	Construction of multi-modal ADA compliant transit islands, including rapid boarding stations, along 2.3 miles of University Avenue in the city of San Diego.	\$5,763,000	\$0 Pending	\$5,763,000	\$0	0%	2021

Status: Projected allocation in FY 2019-20.

2018	17	San Diego Metropolitan Transit System	Blue Line Rail Corridor Transit Enhancements	Acquisition of 11 zero-emission electric buses, including enhancements to station and rail infrastructure. Funding included for Network Integration opportunities.	\$40,098,000	\$250,000 01/31/2019	\$39,848,000	\$0	0%	2021
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Status: Partial allocation has been made for design of the Blue Line Improvements, including the allocation for Network Integration.										
2018	18	San Francisco Municipal Transportation Agency	Transit Capacity Expansion Program	Procurement of an additional eight zero-emission expansion light rail vehicles.	\$26,867,000	\$26,867,000 08/16/2018	\$0	\$0	0%	2020
Status: All eight vehicles have been delivered and are being commissioned for service. All 68 vehicles associated with the SFMTA's LRV fleet expansion are anticipated to be in service by summer 2019.										
2018	19	San Joaquin Joint Powers Authority and San Joaquin Regional Rail Commission	Valley Rail	Integrated expansion of intercity and commuter rail service between Ceres, Modesto, Stockton and Sacramento, including construction of new stations. Project includes bus procurement of zero emission vehicle, and acquisition of rail rolling stock. Includes funding for Network Integration opportunities.	\$500,500,000	\$14,325,000 10/18/2018	\$486,175,000	\$0	0%	2023
Status: Allocations have been made for environmental clearance, station design and Network Integration activities. The award of a contract for Network Integration is expected by April 2019.										
Award Year	Project Number	Agency	Project Title	Project Description	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2018	20	San Mateo County Transit District	SamTrans Express Bus Pilot	Includes the use of 37 new zero-emission electric buses for limited-stop express bus routes along US 101 in San Mateo, Santa Clara, and San Francisco counties.	\$15,000,000	\$0 Pending	\$15,000,000	\$0	0%	2022
Status: Projected allocation in FY 2018-19.										
2018	21	Santa Barbara County Association of Governments	Coastal Express/Pacific Surfliner Peak Hour Service Expansion & Integration	Acquisition of five zero-emission over-the-road electric buses including development of layover facilities for future vehicle expansion.	\$9,600,000	\$300,000 10/18/2018	\$9,300,000	\$0	0%	2021

Status: Partial allocation has been made for design for facility improvements.										
2018	22	Santa Barbara County Association of Governments	Goleta Train Depot	Construction of a modern, multi-modal train station including a zero- emission shuttle bus to serve UC Santa Barbara. Funding included for Network Integration opportunities.	\$13,009,000	\$840,000 10/18/2018	\$12,169,000	\$0	0%	2023
Status: Partial allocation has been made for environmental assessment and Network Integration activities.										
2018	23	Santa Clara Valley Transportation Authority	VTA's BART Silicon Valley Extension Phase II	Extension of BART into downtown San Jose and out to Santa Clara including construction of 4 new stations. Project includes installation of communications- based train control system on the Santa Clara County segment.	\$730,000,000	\$0 Pending	\$730,000,000	\$0	0%	2027
Status: Approval of Letter of No Prejudice has been made to include all funds programmed within the five-year period as reflected in the 2018 Allocation Plan.										
Award Year	Project Number	Agency	Project Title	Project Description	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2018	24	Shasta Regional Transportation Agency	North State Intercity Bus System	Procurement of seven battery-electric over-the-road coaches and supporting infrastructure for new service between North State and Sacramento.	\$8,641,000	\$8,641,000 10/18/2018	\$0	\$0	0%	2021

Status: Battery Electric Vehicle Procurement for Salmon Runner and North Valley Feeder RFP was released in January 2019.

2018	25	Solano Transportation Authority	Solano Regional Transit Improvements	Acquisition of 13 electric coaches including supporting charging infrastructure, construction of three new bus stops and various operational improvements which will result in time savings, improved reliability, and service to new markets.	\$10,788,000	\$6,125,000 10/18/2018	\$4,663,000	\$0	0%	2023
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Status: Partial allocation has been made for capital improvements. A vehicle procurement contract is expected by April 2019.

2018	26	Sonoma-Marín Area Rail Transit District	SMART Larkspur to Windsor Corridor	Completion of the Larkspur and Windsor extensions. Funding included for Network Integration opportunities.	\$21,000,000	\$21,000,000 08/16/2018	\$0	\$0	0%	2021
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Status: The project is fully allocated, including Network Integration. A construction contract award was executed in October 2018. Signal and PTC work for the Larkspur and Windsor extensions is underway. Network Integration is underway.

2018	27	Southern California Regional Rail Authority Southern California Optimized Rail Expansion (SCORE)		Significant investments that deliver 30-minute bi-directional service on multiple Metrolink corridors and at LA Union Station. Includes funding for Network Integration opportunities.	\$875,708,000	\$97,706,000 08/16/2018	\$778,002,000	\$0	0%	2026
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Status: A partial allocation of \$97.7M for various components, including funds for environmental work for Wave 1 and 2, Link US and Network Integration for SCORE has been made.

Award Year	Project Number	Agency	Project Title	Project Description	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
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2018	28	Transportation Agency for Monterey County	Rail Extension to Monterey County	Implementation of positive train control along the Salinas-Gilroy corridor, including two-train layover facility, to introduce two daily round-trip trains from Salinas to the Bay Area. Funding includes Network Integration opportunities.	\$10,148,000	\$500,000 10/18/2018	\$9,648,000	\$0	0%	2021
Status: An allocation has been made for Network Integration activities. Award of contract is expected by April 2019.										
TOTAL – Cycle #3					\$4,325,000,000	\$331,500,000	\$3,993,500,000	\$0	\$0	-----
TOTAL – All Cycles					\$5,340,171,000	\$773,100,000	\$4,567,071,000	\$163,148,000	21.1%	-----

TIRCP

Semi-Annual Report

TRANSIT AND INTERCITY RAIL CAPITAL PROGRAM

Update to the California Transportation Commission
December 13-14, 2018

Ron Sheppard – Acting Division Chief
Kyle Gradinger – Assistant Division Chief
Caltrans Division of Rail and Mass Transportation



TIRCP Overview

The Transit and Intercity Rail Capital Program represents an historic investment in California's future that is creating new and improved mobility options for Californians that move us toward our climate targets while supporting land use and equity goals.

The program provides competitive grants for transformative capital investments that improve the statewide transportation network and reduces GHG emissions.

TIRCP projects are forming a coordinated statewide system that will provides frequent, reliable, and seamless mobility options for all Californians and our visitors.

Allocation Process

Recommendations

Caltrans submits and recommends to the Commission approval of allocation requests based on project readiness, availability of funds, and determination of committed funding.

Allocations

Commission approves allocation requests.

Extensions

Projects that cannot award construction within the deadline may request time extensions if CalSTA and Caltrans deem circumstances to be unforeseen and extraordinary.

Summary of Awards

	Cycle 1 (2015)	Cycle 2 (2016)	Cycle 3 (2018)	Total
Number of Awarded Projects	14	15	28	57
Award Amount (millions)	\$224.3	\$790.9	\$4,325.0	\$5,340.0
Amount Allocated (millions)	\$224.3	\$217.3	\$331.5	\$773.1
Percent Allocated	100%	55.6%	7.6%	14.4%
Expended Amount	\$82.2	\$78.9	\$0	\$161.1
Expended Percent	37%	36%	0%	20%
Completed Projects	5	0	0	5

Cycle 1, 2-year cycle; GGRF funding only
 Cycle 2, 2-year cycle; GGRF and SB 132 funding (\$400m)
 Cycle 3, 5-year cycle; includes GGRF and SB-1 funding.

Completed Projects

- ▶ **San Diego South Bay Bus Rapid Transit (SANDAG)**
 - ▶ BRT to Otay Mesa operational February 2019
- ▶ **San Diego Trolley Capacity Improvements (MTS)**
 - ▶ 8 new light rail vehicles and one new station
- ▶ **Altamont Corridor Express Wayside Power (SJRRRC)**
 - ▶ Wayside power sources at Stockton facility
- ▶ **Capitol Corridor Travel Time Reduction (CCJPA)**
 - ▶ 10-minute savings starting in May 2019
- ▶ **Monterey Bay Ops & Maintenance Facility (MST)**
 - ▶ Project to reduce non-revenue "deadhead moves" and use savings to fund zero-emission disadvantaged community bus route



TIRCP Leverage

- ▶ **Significant Funding Contributions tied to Commission Actions**
 - ▶ **Los Angeles Metro's Transit Expansion**
 - Gold Line Rail Transit Extension
 - East San Fernando Valley Transit Corridor
 - West Santa Ana Light Rail Transit Corridor
 - Green Line Light Rail Extension to Torrance
 - Orange/Red Line to Gold Line Bus Rapid Transit Connector
 - ▶ **Santa Clara Valley Transit Authority**
 - Phase II BART Extension
 - ▶ **Southern California Regional Rail Authority**
 - Southern California Optimized Rail Expansion (SCORE)

Program Delivery

Standing up processes, policies, and procedures to improve program delivery, e.g.:

- ▶ Developing automated reporting processes
Streamlining supplement agreement process
- ▶ Adopting a “Procedures Manual” from other Caltrans divisions

Upcoming Activities

- ▶ Next Report Update: October CTC Meeting
- ▶ TIRCP Cycle 4:
 - ▶ Spring/Summer 2019 – Informal workshops and guidelines revisions
 - ▶ September 2019 – Call for projects
 - ▶ December 2019 – Applications due
 - ▶ April 2020 – Cycle 4 awards announced