

MEMORANDUM

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: October 9, 2019

From: STEVEN KECK, Chief Financial Officer

Reference Number: 3.11, Information Item

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

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

SUMMARY:

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

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



Semi-Annual Report

Transit and Intercity Rail Capital Program



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

Background

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

1. Reduce emissions of greenhouse gases
2. Expand and improve transit service to increase ridership
3. Integrate the 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 June 30, 2019, there have been 3 award cycles. CalSTA has awarded over \$4.94 billion in TIRCP funds to 56 projects. Of these, \$1.675 billion was awarded to seven projects that represent multi-year funded projects. These multi-years funded awarded projects are allocated over a five-year period or beyond and will be administered under multi-year funding agreements, pursuant to legislative appropriation and/or generated revenues.

Summary of Cycle 1

In Fiscal Years (FY) 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 TIRCP 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 TIRCP 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, seven refurbished light rail vehicles, four passenger rail cars, nine Tier 4 locomotives, 20 compressed natural gas buses and 41 zero emission electric buses.

Summary of Cycle 2

In FY's 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, Senate Bill (SB) 132 as part of the 2016 budget, identified the ACE Merced Extension as a recipient of \$400 million for the extension of the Altamont Corridor Express to Ceres and Merced with appropriation authority through the TIRCP and is being tracked with the Cycle 2 awards as the 15th Cycle 2 project. 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 TIRCP adopted a multi-year program of projects covering FY's 2016-17 and 2017-18.



Summary of Cycle 3

For FY's 2018-19 through FY's 2022-23, TIRCP awarded funds to 28 projects that were selected from the 47 applications received. The Cycle 3 awards total over \$2.6 billion dollars for the initial five-year TIRCP 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, over \$5.34 billion in TIRCP funds are associated with 57 projects for the 3 award cycles (2015, 2016, and 2018). An updated summary of the award cycles is provided in the following tables.

Table 1: Summary of Awards (Since Last Report)

- 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.

For an ADA-compliant version of this table, please [follow this link](#).

	Cycle 1 (2015)	Cycle 2 (2016)	Cycle 3 (2018)	Total
Number of Awarded Projects	14	15	28	57
Award Amount	\$224.3	\$790.9	\$4,325.0	\$5,340.2
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)

Table 2: Summary of Awards (Cumulative)

- 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.

For an ADA-compliant version of this table, please [follow this link](#).



	Cycle 1 (2015)	Cycle 2 (2016)	Cycle 3 (2018)	Total
Number of Awarded Projects	14	15	28	57
Award Amount	\$224.3	\$790.9	\$4,325.0	\$5,340.2
Amount Allocated	\$224.3	\$286.7	\$423.8	\$934.8
Percent Allocated	100%	36.2%	9.7%	48.7%
Expended Amount	\$145.1	\$114.5	\$0	\$259.6
Expended Percent	64.6%	39.9%	0%	34.8%
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 and are operational, with two additional projects over 75 percent reimbursed. Over half of the projects in Cycle 2 have received reimbursements for eligible costs incurred. In Cycle 3, 23 projects have received allocations and work is underway. Attachment 1 provides the implementing agency, project description/components, projected benefits, financial status and an overall update for each awarded project as of September 1, 2019. For an ADA-compliant version of Attachment 1, please [follow this link](#).

Accountability

This report represents the second submittal of the TIRCP's status and represents another element of the California Department of Transportation's commitment to transparency and accountability. Future TIRCP reports will be presented to the California Transportation Commission (Commission) semi-annually, consistent with other program reports. This document is intended to provide the Commission with meaningful and useful information on the TIRCP.



Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	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 and 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 <u>10/22/2015</u>	\$0	\$10,598,119	43.4%	2020
Benefits: Projected benefits include reduction in CO2 emissions, increased ridership through implementation of new services, improved integration with other transit and rail services and access of services for disadvantaged communities.										
Status: 10 of the 13 60-foot buses have been received and are operational. Of the remaining three buses, one has been received and the two remaining are scheduled to be delivered within the next eight weeks. Of the four 45-foot commuter buses, one is scheduled to be delivered by October 2019 and the remaining three are expected to be delivered early 2020. All on-site charging infrastructure procured under this award has been installed and operational. Overall project remains on schedule and within the original budget.										
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	\$4,620,000	\$4,620,000 <u>05/19/2016</u>	\$0	\$4,620,000	100%	Complete
Benefits: Benefits include reduction in CO2 emissions, increased ridership through service frequency improvements, reduced passenger travel times, improved connectivity with other transit and rail services, and access of services for disadvantaged communities.										
Status: All construction work has been completed. Schedules have been adjusted to reflect travel time savings resulting from track improvements.										

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
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 <u>06/30/2016</u>	\$0	\$26,123,698	67.8%	2020
<p>Benefits: Projected benefits include reduction in CO2 emissions, increased ridership through improved service frequency and infrastructure improvements, improved reliability and safety, improved connectivity with other transit and rail services, and access of services for disadvantaged communities.</p>										
<p>Status: Installation of signal train control equipment is complete and local acceptance test has begun. Construction continues on all segments of the Rosa Parks station, including installation of canopy and formed stairs and pre-cast beams and decking at Blue Line platform and Mezzanine. Overall project is 46 percent complete and within the original project schedule.</p>										
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 <u>12/10/2015</u>	\$0	\$103,404	6.1%	2019
<p>Benefits: Projected benefits include reduction in CO2 emissions, increased ridership through improved passenger transfers and connectivity with other transit and rail services.</p>										
<p>Status: After a successful roll out, the program is approaching completion, with continued plans to add electronic transit transfer capabilities to LA Metro's system in the final phase. The program will continue through the LOSSAN operating budget once TIRCP funds are exhausted.</p>										

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2015	5	Monterey – Salinas Transit	Monterey Bay Operational and 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 <u>05/19/2016</u>	\$0	\$10,000,000	100%	Complete
<p>Benefits: Projected benefits include reduction in CO2 emissions, increased ridership through operational improvements, improved connectivity with other transit and rail services, and access of services for disadvantaged communities.</p>										
<p>Status: The project is complete and is operational as of September 2018.</p>										
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	\$2,320,000	\$2,320,000 <u>10/22/2015</u>	\$0	\$2,320,000	100%	Complete
<p>Benefits: Benefits include reduction in CO2 emissions, increased ridership through implementation of new bus rapid transit service, improved connectivity with other transit and rail services, and access of services for disadvantaged communities.</p>										
<p>Status: The project was complete and is operational as of January 2018.</p>										

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2015	7	Sacramento Regional Transit District	Refurbishment of Seven Light Rail Vehicles	Refurbishment of seven 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 <u>08/27/2015</u>	\$0	\$6,259,662	97.3%	2020
<p>Benefits: Projected benefits include reduction in CO2 emissions, increased ridership through improved service frequency and reliability, improved connectivity with other transit and rail services, and access of services for disadvantaged communities.</p>										
<p>Status: The project is 97 percent complete. Procurement in process of remaining parts and equipment needed to complete the refurbishment. Project completion extended to June 2020.</p>										
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 <u>08/27/2015</u>	\$0	\$4,000,000	100%	2020
<p>Benefits: Benefits include reduction in CO2 emissions, increased ridership through implementation of new frequent service, improved connectivity with other transit and rail services, and access of services for disadvantaged communities.</p>										
<p>Status: Work proceeds on the last segment with 60 percent complete. Bus services on the corridor remain in operations.</p>										

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2015	9	San Diego Metropolitan Transit System	Trolley Capacity Improvements	Design and construction of new terminal station, including acquisition of 8 new light rail vehicles for the new Blue and Orange Lines	\$31,936,000	\$31,936,000 <u>01/21/2016</u>	\$0	\$31,936,000	100%	2019
<p>Benefits: Benefits include reduction in CO2 emissions, increased ridership through expanded service and infrastructure improvements, improved connectivity with other rail services, and access of services for disadvantaged communities.</p> <p>Status: The Court House station is complete and is operational as of February 2018. All light rail vehicles have been delivered and in service. Close-out is expected by December 2019.</p>										
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 <u>12/10/2015</u>	\$0	\$41,181,000	100%	Complete
<p>Benefits: Benefits include reduction in CO2 emissions, increased ridership through improved frequency and service expansion, improved reliability and safety, improved connectivity with other transit and rail services, and access of services for disadvantaged communities.</p> <p>Status: All eight light rail vehicles have been in service since July 2019. All expenditures have been incurred and reimbursed. Close-out anticipated in early 2020.</p>										
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 <u>08/17/2017</u>	\$0	\$200,000	100%	Complete
<p>Benefits: Benefits include operational improvements and noise pollution adjacent to disadvantaged communities.</p> <p>Status: The project is complete and is operational as of July 2018. Close-out report was submitted on July 2019.</p>										

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	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	Bus rapid transit infrastructure along the MLK Corridor and Crosstown Miner Corridor, including the acquisition of 12 new zero-emission electric vehicles	\$6,841,000	\$6,841,000 <u>03/16/2016</u>	\$0	\$6,180,767	90.3%	2019
<p>Benefits: Benefits include reduction in CO2 emissions, increased ridership through improved service frequency, improved connectivity with other transit and rail services, and access of services for disadvantaged communities.</p> <p>Status: Both corridors are complete and have been operational as of January 2019. Close-out report is projected to be complete by February 2020.</p>										
2015	13	Southern California Regional Rail Authority	Purchase of Nine Fuel-Efficient Tier 4 EMD F-125 Locomotives for Metrolink Commuter Rail Service	Purchase of nine Tier 4 locomotives to support expanded service	\$41,181,000	\$41,181,000 <u>08/27/2015</u>	\$0	\$0	0%	2021
<p>Benefits: Projected benefits include reduction in CO2 emissions, increased ridership through improved service frequency and reliability, reduced travel times, improved connectivity with other transit and rail services, and access of services for disadvantaged communities.</p> <p>Status: Period of project completion extended to September 2021. Nine of 20 locomotives have been delivered and 1 locomotive has been conditionally accepted and placed into revenue service. Recipient will not seek reimbursement of locomotives until the break-in period is complete and vehicles are accepted and ready to be placed into revenue service. The remaining 11 locomotives are pending delivery and acceptance. The project has been delayed due to issues with the break-in period prior to vehicle acceptance. The new delivery date for all remaining locomotives is now 2021.</p>										
2015	14	Sonoma-Marin Area Rail Transit District	SMART Rail Car Capacity	Purchase of four rail cars to support additional passenger capacity	\$11,000,000	\$11,000,000 <u>03/17/2016</u>	\$0	\$1,650,000	15%	2019
<p>Benefits: Projected benefits include increased ridership through implementation of new service, improved passenger capacity, and infrastructure improvements.</p> <p>Status: Recipient successfully completed on-site testing period and cars are ready for service deployment. Rail cars will be fully deployed and operational by December 2019.</p>										
TOTAL – Cycle 1					\$224,300,000	\$224,300,000	\$0	\$145,172,650	64.6%	-----

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
Cycle #2										
2016	1	Antelope Valley Air Quality Management District	Zero Emission Bus and Vanpool Expansion in the Antelope Valley, Kern County and the Coachella Valley	Acquisition of 15 zero-emission buses for AVTA and Kern Regional Transit Acquisition of four zero-emission battery buses for SunLine Transit	\$8,930,000	\$6,481,000 <u>01/19/2017</u> \$2449,000 <u>01/19/2017</u>	\$0 \$0	\$3,389,584	37.9%	2020
<p>Benefits: Projected benefits include reduction of 64,000 tons of CO2, increased ridership through expanded services, improved integration with the Metrolink services and local bus services, and direct access of services for disadvantaged communities.</p> <p>Status: AVTA has received five replacement buses and placed them in revenue service, and Kern Regional Transit has received their one replacement and is pending to be put into operations. The five remaining expansion buses are being built and are expected to be delivered by December 2019. In May 2019, the Commission approved a scope revision to allow AVTA to purchase four additional buses for new service. SunLine Transit has received all four replacement buses and are in service. Overall project is on schedule and within the original budget.</p>										
2016	2	Capitol Corridor Joint Powers Authority	Increased Rail Service to Roseville, Service Optimization, Standby Power	Standby Power Optimization Study Sacramento to Roseville Third Mainline Track	\$8,999,000	\$200,000 <u>03/16/2017</u> \$320,000 <u>05/17/2017</u> \$2,926,000 <u>12/06/2017</u>	\$0 \$0 \$5,553,000	\$168,405	4.8%	2022
<p>Benefits: Projected benefits include reduction of 2,500 tons in CO2, increased in ridership and service frequency, improved integration with intercity rail service and future high-speed rail, improves corridor safety and access of services for disadvantaged communities.</p> <p>Status: Completion of design phase for the Sacramento to Roseville component is close to 25 percent completion. Construction phase is now expected to begin in 2022. Optimization study component is still underway.</p>										

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2016	3	Foothill Transit	Transforming California: Bus Electrification, Service Expansion and Rail Integration	Acquisition of 20 zero-emission battery buses to extend Route 486 to the Pomona Metrolink station	\$5,000,000	\$0 <u>Pending</u>	\$5,000,000	\$0	0%	2022
<p>Benefits: Projected benefits include reduction in 32,000 tons of CO2, increased ridership through service frequency and expanded service, improved integration with Metrolink services and improved services for disadvantaged communities.</p>										
<p>Status: The recipient is finalizing the study with the consultant to determine the most appropriate locations for charging stations. Recipient expects to request for an allocation by May 2020 followed by execution of a procurement contract.</p>										
2016	4	City of Fresno	Fresno Metropolitan Rapid Transit and Rail	Modernized Fare Payment Bus Stop Improvements	\$8,000,000	\$4,083,000 <u>12/07/2016</u> \$0 <u>Pending</u>	\$3,917,000	\$2,856,157	70.0%	2021
<p>Benefits: Projected benefits include reduction of 27,000 tons of CO2, increased ridership through service frequency and payment modernization, safety improvements at stations and access of services for disadvantaged communities.</p>										
<p>Status: The modernized fare payment component is complete and the Bus Rapid Transit route on which the modernized fare payment system was installed has entered into revenue service. Acquisition of right of way for the Shaw and Cedar Avenue bus stop improvements corridor is currently underway. Allocation of remaining funds is expected by March 2020. Overall project remains on budget as originally planned.</p>										

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
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 and Crenshaw Lines and bus service	\$40,000,000	\$0 <u>Pending</u>	\$40,000,000	\$0	0%	2024
<p>Benefits: Projected benefits include reduction of 641,000 tons in CO2, increased ridership through improved airport access, improved passenger mobility and improved access of services to disadvantaged communities.</p>										
<p>Status: The Airport Metro Connector (AMC) station project design team continues to coordinate with the Los Angeles World Airports (LAWA) and its development team on the integration of the Automated People Mover (APM) Station project with the AMC Station. Structural and construction scheduling have been the focus of coordination efforts and will continue into the next quarter. Both Metro and LAWA have finalized access agreements for initial access to the site and construction work. Allocation of TIRCP funds expected in FY 19-20, which is consistent with the initial programming of funds for the project.</p>										
2016	6	Los Angeles County Metropolitan Transportation Authority	Metro Red and Purple Line Capacity Improvements	Environmental Assessment (PA&ED) Final Design (PS&E) Construction	\$69,209,000	\$1,908,000 <u>01/19/2017</u> \$3,101,000 <u>06/29/2017</u> \$0 <u>Pending</u>	\$0 \$0 \$64,200,000	\$1,119,881	22.4%	2024
<p>Benefits: Projected benefits include reduction of 946,000 tons in CO2, increased ridership through service frequency and improved capacity, and improved access of services within disadvantaged communities.</p>										
<p>Status: Final design is 100 percent complete. The traction power substation procurement - Notice of Award was issued to the contractor on June 2019. Real estate acquisition is 100 percent complete and early demolition and excavation are underway with 90 percent completion. Project remains on schedule and within the original budget.</p>										

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2016	7	Los Angeles-San Diego-San Luis Obispo Rail Corridor Agency (LOSSAN)	All Aboard: Transforming Southern California Rail Travel	Elvira to Morena Double Track Carlsbad Poinsettia Station North Robust Timetable Wide Network Integration and Strategic Investment Planning Travel time savings	\$82,000,000	\$61,983,000 <u>02/01/2018</u> \$4,017,000 <u>06/29/2017</u> \$500,000 <u>10/18/2018</u> \$500,000 <u>10/18/2018</u> \$0 <u>Pending</u>	\$0 \$0 \$0 \$0 \$15,000,000	\$50,600,578	61.7%	2021
<p>Benefits: Projected benefits include reduction of 606,000 tons in CO2, increased ridership through corridor-wide infrastructure and equipment upgrades, increased service frequency, improved integration with other transit services along the corridor, and improved access to services for disadvantaged communities located within or near stations along the service corridor.</p>										
<p>Status: All allocated components continue progress and are expected to be complete and operational within the initial timeline.</p>										
2016	8	Orange County Transportation Authority	OC Streetcar and System-Wide Mobile Ticketing	System-wide mobile ticketing investments Construct OC Streetcar project connecting Santa Ana and Garden Grove with zero-emission service	\$28,000,000	\$2,482,000 <u>10/20/2016</u> \$25,518,000 <u>08/16/2018</u>	\$0 \$0	\$2,413,997	8.6%	2022
<p>Benefits: Projected benefits include reduction of 539,000 in CO2, increased ridership through new service and payment modernization, integration with Metrolink, Pacific Surfliner and local transit services at key station locations, and improved access of services to disadvantaged communities.</p>										
<p>Status: The mobile ticketing component is operational as of February 2018 and construction of the streetcar is currently underway.</p>										

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
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	\$20,000,000	\$20,000,000 <u>06/29/2017</u>	\$0	\$9,780,354	48.9%	2023
<p>Benefits: Projected benefits include reduction of 734,000 tons of CO2, increased ridership through service frequency and improved technology, reduction in noise impacts to communities, improved safety with implementation of Positive Train Control technology, integration with transit and intercity rail services, and access of services for disadvantaged communities.</p>										
<p>Status: All 21 vehicles have been ordered and are in transit or awaiting final assembly. Recipient is in the process of awarding a design contract for the broadband and bike component. Network integration component has been incorporated into the Caltrain Business Plan to develop a long-term vision for the commuter rail line.</p>										
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 <u>Pending</u>	\$30,000,000	\$0	0%	2020
<p>Benefits: Projected benefits include reduction of 75,000 tons of CO2, increased ridership through new streetcar service, provides important connections to intercity rail services and future high-speed rail, and access of service for disadvantaged communities, colleges and major employment centers.</p>										
<p>Status: Recipient has completed all environmental work; however, due to construction bids coming in substantially higher than expected, the project is on hold while alternatives are being evaluated by the recipient and the Sacramento Area Council of Governments to determine the best approach to deliver the project.</p>										

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2016	11	San Bernardino County Transportation Authority	Redlands Passenger Rail	Construct new rail system that connect the University of Redlands and downtown San Bernardino with fast, frequent service	\$9,204,000	\$9,204,000 <u>10/18/2018</u>	\$0	\$0	0%	2021
<p>Benefits: Projected benefits include reduction of 79,000 tons of CO2, increased ridership through a nine-mile rail corridor expansion, integration with other transit and rail services and direct access of services for low-income and disadvantaged communities.</p> <p>Status: Third party construction contract award for the mainline contract was executed on April 2019. Construction is underway with an anticipated completion date of November 2021.</p>										
2016	12	San Francisco Municipal Transportation Agency	Light Rail Modernization and Expansion Program	Acquisition of ten expansion light-rail vehicles for more capacity and improved service	\$45,092,000	\$45,092,000 <u>05/17/2017</u>	\$0	\$20,642,800	45.7%	2020
<p>Benefits: Projected benefits include reduction of 161,000 tons of CO2, increased ridership through fleet expansion and expanded service, improved operational safety, improved integration with other rail services, including future high-speed rail, and access of services for disadvantaged communities.</p> <p>Status: All ten vehicles have been in service since July 2019. Finalizing last reimbursement of all incurred costs. Close-out anticipated in early 2020.</p>										
2016	13	San Joaquin Regional Rail Commission	ACE Near-Term Capacity Improvement Program	Lengthen platforms and acquire one Tier 4 locomotive to allow busiest train to add seating capacity	\$16,459,000	\$8,000,000 <u>08/17/2017</u>	\$8,459,000	\$7,053,591	88.1%	2021
<p>Benefits: Projected benefits include reduction of 65,000 tons of CO2, increased ridership through fleet expansion, infrastructure improvements and service frequency, improved network integration with other rail services, and access of services for disadvantaged communities.</p> <p>Status: Recipient anticipates receiving the first of four locomotives as early as October 2019 with locomotives entering revenue service in early 2020. Platform extension design for five stations is still underway and final construction allocation request expected by June 2020.</p>										

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
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 <u>Pending</u>	\$20,000,000	\$0	0%	2027
<p>Benefits: Projected benefits include reduction of 158,000 tons of CO2, increased ridership through extended service frequency and improved passenger mobility to key destinations along the BART system, improved integration with other rail services and improved access of services for residents within disadvantaged communities.</p>										
<p>Status: Engineering and coordination has commenced on parcel acquisition, and tunnel alignment expected to be complete by December 2019. Recipient has secured \$125 million in additional federal funding from the Federal Transit Administration's Expedited Project Delivery Pilot Program.</p>										
2016	15	San Joaquin Regional Rail Commission	ACE Merced Extension (SB132)	ACE Extension Lathrop to Merced and related systems	\$400,000,000	\$87,947,248 <u>SB 132</u>	\$312,052,752	\$16,497,045	18.7%	2027
<p>Benefits: Projected benefits include reduction in CO2, increased ridership through expanded service and infrastructure improvements, improved integration with other transit and rail services.</p>										
<p>Status: SJRRC released a Request for Qualifications for project components of the extension to Ceres/Merced, with contracts awarded in May 2019. Final design for stations, track work and layover facilities, including on-call rail engineering support services is underway. A contract is currently being negotiated for the procurement of new passenger rail cars.</p>										
TOTAL – Cycle #2					\$790,893,000	\$286,711,248	\$504,181,752	\$114,522,392	39.9%	-----

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
Cycle #3										
2018	1	Alameda Contra Costa Transit District	Purchase Zero Emission High Capacity Buses to Support Transbay Tomorrow and Clean Corridors Plan	Acquisition of 45 zero-emission buses to support the Transbay Tomorrow and Clean Corridors project, primarily on the MacArthur-Grand corridor Network Integration	\$14,000,000	\$0 <u>Pending</u> \$500,000 <u>10/18/2018</u>	\$13,500,000 \$0	\$0	0%	2021
<p>Benefits: Projected benefits include reduction of 14,000 tons in CO2, increased ridership through fleet replacement and service expansion, improved integration with other transit and rail services and access of services for low-income communities and low-income households.</p> <p>Status: Contract for network integration was executed in April 2019 and anticipated allocation for the buses is expected by June 2020.</p>										
2018	2	Anaheim Transportation Network	#Electrify Anaheim: Changing the Transit Paradigm in Southern California	Acquisition of ten micro-cruisers Acquisition of 40 zero-emission electric buses Construction of operations and maintenance facility	\$28,617,000	\$802,000 <u>08/16/2018</u> \$22,857,000 <u>12/06/2018</u> \$0 <u>Pending</u>	\$0 \$0 \$4,958,000	\$0	0%	2021
<p>Benefits: Projected benefits include reduction of 61,000 tons of CO2, increased ridership through new and expanded service, improved integration with other transit services and access of services for low-income communities and low-income households.</p> <p>Status: Micro-transit vehicles continue to be in service showing gradual increases in ridership. The procurement contract for the 40 buses has been executed. Contract award for the maintenance facility component is expected to be finalized by December 2019. Overall project remains on schedule and within the original budget.</p>										

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	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 for AVTA Network Integration Purchase of five zero-emission battery electric buses for LBT Facility improvements for AVTA	\$13,156,000	\$7,755,000 <u>10/18/2018</u> \$250,000 <u>10/18/2018</u> \$3,951,000 <u>10/18/2019</u> \$0 <u>Pending</u>	\$0 \$0 \$0 \$1,200,000	\$0	0%	2021
<p>Benefits: Projected benefits include reduction of 23,000 tons of CO2, increased ridership through service frequency and expansion, infrastructure improvements, improved integration with other transit and rail services and access of services for low-income communities and low-income households.</p>										
<p>Status: Four of the seven local buses have been received and accepted by AVTA, the three remaining commuter buses are pending delivery. Preliminary work continues on all three transit centers. LBT anticipates executing a vehicle procurement contract by December 2019 and expects delivery of all five vehicles by April 2021. Proposed network integration activities have been submitted to Caltrans for review. Overall project remains on schedule and within the original budget.</p>										
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 <u>Pending</u>	\$318,600,000	\$0	0%	2029
<p>Benefits: Projected benefits include reduction of 4,272,000 tons of CO2, increased ridership through fleet replacement, capacity and service frequency, and improved services for residents of disadvantaged communities.</p>										
<p>Status: Full funding federal grant award was approved in June 2019, execution of the federal grant contract expected by December 2019. Anticipated allocation by June 2020.</p>										

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2018	5	Capitol Corridor Joint Powers Authority	The Northern California Corridor Enhancement Program	Realignment of Oakland to San Jose Corridor (PA&ED)	\$80,340,000	\$3,200,000 <u>08/16/2018</u>	\$0	\$0	0%	2023
				Realignment of Oakland to San Jose Corridor (CONST)		\$0 <u>Pending</u>	\$47,800,000			
				Integrated Travel Program		\$6,000,000 <u>08/16/2018</u>	\$21,340,000			
				Network Integration		\$2,000,000 <u>12/06/2018</u>	\$0			
<p>Benefits: Projected benefits include reduction of 1,348,000 tons of CO2, increased ridership through expanded service and service frequency, improved service and ticket integration, safety improvements through the installation of Positive Train Control technology, and access of services for low-income communities and low-income households.</p> <p>Status: Analysis for environmental clearance kick-started in March 2019. Project team is conducting a Project Definition Analysis as preparation for starting the environmental process. Network integration contract for the second Transbay Crossing was awarded. The contract for network integration of the SoCo Rail Study is expected to be awarded by October 2019.</p>										
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 <u>Pending</u>	\$7,798,000	\$0	0%	2021
<p>Benefits: Projected benefits include reduction of 9,000 tons of CO2, increased ridership through service frequency, improved connectivity to key destinations and access of service for low-income communities and low-income households.</p> <p>Status: Recipient is finalizing the electric bus procurement contract and anticipates releasing the Request for Proposal and submitting an allocation request by December 2019.</p>										

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2018	7	City of Los Angeles DOT	Los Angeles City: Leading the Transformation to Zero-Emission Electric Bus Transit Service	Procurement of 112 zero-emission electric buses and supporting infrastructure Network Integration	\$36,104,000	\$35,854,000 <u>08/16/2018</u> \$250,000 <u>08/16/2018</u>	\$0 \$0	\$0	0%	2021
<p>Benefits: Projected benefits include reduction of 196,000 tons of CO2, increased ridership through fleet replacement, expanded service and service frequency on all bus routes, improved integration with other transit and rail services, upgrades to supporting infrastructure, and access of service for low-income communities and low-income households.</p>										
<p>Status: Recipient anticipates executing the vehicle procurement and network integration contracts by January 2020. Project remains on budget with a slight delay in the original schedule.</p>										
2018	8	City of Santa Monica	Electric Blue: Electrification of City of Santa Monica's Big Blue Bus	Purchase ten zero-emission battery electric vehicles and supporting infrastructure	\$3,050,000	\$3,050,000 <u>06/27/2019</u>	\$0	\$0	0%	2021
<p>Benefits: Projected benefits include reduction of 17,000 tons of CO2, increased ridership through cleaner technology and implementation of new express service, improved integration with other rail services, improved connectivity to key destinations along the route, and improved air quality and mobility for disadvantaged communities and low-income communities.</p>										
<p>Status: Recipient is in the process of reviewing proposals for the procurement of the ten buses and anticipates executing a contract by November 2019. Overall project remains on schedule and within the original budget.</p>										

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2018	9	Livermore Amador Valley Transit Authority	Dublin/Pleasanton Capacity Improvement and Congestion Reduction Program	Construction of a new multi-level parking structure to accommodate increased BART ridership demand	\$20,500,000	\$0 <u>Pending</u>	\$20,000,000	\$0	0%	2020
				Network Integration		\$500,000 <u>12/6/2018</u>	\$0			

Benefits: Projected benefits include improved integration with other regional and local bus services and access of services for low-income communities and low-income households.

Status: Award of contract for network integration and approval of environmental document was completed in June 2019. Design and construction contract will be executed early 2020 following allocation. Overall project remains on schedule and within the original budget.

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	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 and Modernization Program of Projects	Gold Line Foothill Light Rail Extension to Montclair	\$1,088,499,000	\$0 <u>Pending</u>	\$290,200,000	\$0	0%	2029
			Orange/Red Line to Gold Line BRT Connector	\$0 <u>Pending</u>		\$50,000,000				
			East San Fernando Valley Transit Corridor	\$0 <u>Pending</u>		\$204,999,000				
			West Santa Ana Light Rail Transit Corridor	\$0 <u>Pending</u>		\$300,000,000				
			Vermont Transit Corridor	\$0 <u>Pending</u>		\$5,000,000				
			Green Line Light Rail Extension to Torrance	\$0 <u>Pending</u>		\$231,300,000				
			Network Integration	\$7,000,000 <u>12/06/2018</u>		\$0				

Benefits: Projected benefits include reduction of 7,966,000 tons of CO2, increased ridership through capacity expansion of light rail and bus rapid transit services, improved integration with other transit and rail systems, and access of services for low-income communities and low-income households.

Status: In February 2019, the recipient awarded the task order to a consultant to perform a study on integration opportunities between the proposed Gold Line Light Rail extension to Montclair and the Metrolink San Bernardino Line. The study is anticipated to be complete by June 2020 and will include the recommended capital improvements for implementation. Recipient is in the process of evaluating network integration opportunities along the other proposed service corridors as well. The Gold Line Foothill Extension to Claremont and beyond to Montclair, has been delayed due to receiving higher construction bids than expected. As a result, the recipient will be implementing a phased approach which would complete the alignment to Pomona as the initial terminus station and Phase 2 would extend the line to Claremont and Montclair.

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2018	11	Los Angeles-San Diego-San Luis Obispo Rail Corridor Agency (LOSSAN)	All Aboard 2018: Transforming SoCal Rail Travel	North San Diego County Fencing (PS&E)	\$40,412,000	\$259,000 <u>10/18/2018</u>	\$0	\$0	0%	2024
				North San Diego County Fencing (CONST)		\$0 <u>Pending</u>	\$1,041,000			
				Signal Respacing and Optimization (PA&ED)		\$0 <u>Pending</u>	\$1,500,000			
				Signal Respacing and Optimization (CONST)		\$0 <u>Pending</u>	\$14,400,000			
				On-Time Performance Program		\$2,299,000 <u>10/18/2018</u>	\$20,663,000			
				Network Integration		\$0 <u>Pending</u>	\$250,000			

Benefits: Projected benefits include reduction of 957,000 tons of CO2, increased ridership through on-time service improvements, safety enhancements and rail corridor capacity, improved integration with other rail services and access of services for low-income communities and low-income households. Overall project remains on schedule and within the original budget.

Status: NCTD initiated a feasibility study and boundary survey to inform safety improvement alternatives and a concurrent Streetscape project, regarding impacts related to fence construction in specifically identified areas. Overall project remains on schedule and within the original budget.

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	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	Island Centralized Traffic Control (PS&E)	\$147,930,000	\$1,500,000 <u>10/18/2018</u>	\$0	\$0	0%	2022
				Upgrade of Non-Powered Switches (PS&E)		\$2,500,000 <u>10/18/2018</u>	\$0			
				Track, Signal and Siding WAVE 1		\$0 <u>Pending</u>	\$37,800,000			
				On-Time Performance Program		\$4,284,000 <u>10/18/2018</u>	\$19,276,000			
				Goleta Layover Facility Improvements (PS&E)		\$180,000 <u>05/16/2019</u>	\$0			
				Track, Signal and Siding WAVE 2 (PA&ED)		\$0 <u>Pending</u>	\$4,780,000			
				Track, Signal and Siding WAVE 2 (CONST)		\$0 <u>Pending</u>	\$77,610,000			
Benefits: Projected benefits include reduction of 1,160,000 tons of CO2, increased ridership through service frequency and infrastructure improvements.										
Status: Negotiations are progressing with Union Pacific Railroad in preparing and executing an agreement for the design and construction of the Centralized Traffic Control and siding upgrades, as well as defining the capitalized track access and incentive rates. Overall project remains on schedule and within the original budget.										

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2018	13	Peninsula Corridor Joint Powers Board	Peninsula Corridor Electrification Expansion	Corridor Wide Broadband Communications (PS&E)	\$164,522,000	\$3,000,000 <u>10/18/2018</u>	\$0	\$0	0%	2025
				Procurement of Electric Multiple Units		\$58,000,000 <u>06/26/2019</u>	\$100,522,000			
				Network Integration		\$3,000,000 <u>08/16/2018</u>	\$0			

Benefits: Projected benefits include reduction of 737,000 tons of CO2, increased ridership through enhanced seating capacity and all-electric service on the corridor, infrastructure upgrades, and integration improvements with other transit services.

Status: All 21 vehicles have been ordered and are in transit or awaiting final assembly. Recipient is in the process of awarding a design contract for the broadband and bike component. Network Integration component has been incorporated into the Caltrain Business Plan to develop a long-term vision for the commuter rail line.

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2018	14	Sacramento Regional Transit District	Accelerating Rail Modernization and Expansion in the Capital Region	Acquisition of new low-floor light rail vehicles Network Integration	\$64,350,000	\$0 <u>Pending</u> \$250,000 <u>06/27/2019</u>	\$64,100,000 \$0	\$0	0%	2026
<p>Benefits: Projected benefits include reduction of 234,000 tons of CO2, increased ridership through improved service frequency, capacity enhancements and fleet replacement, improved integration with other transit and rail services, and access of services for low-income and low-income household communities.</p>										
<p>Status: Recipient is working towards completing environmental clearance for side track and is preparing to release a Request for Proposal for the network integration component.</p>										
2018	15	San Bernardino County Transportation Authority	Diesel Multiple Unit Vehicle to Zero-or-Low Emission Vehicle Conversion and West Valley Connector Bus Rapid Transit	DMU Conversion and Supporting Infrastructure (PA&E) DMU to ZMU Conversion (PS&E) Vehicle Procurement Vehicle Conversion and Testing	\$30,000,000	\$500,000 <u>08/16/2018</u> \$4,500,000 <u>08/16/2018</u> \$12,000,000 <u>08/16/2018</u> \$0 <u>Pending</u>	\$0 \$0 \$0 \$13,000,000	\$0	0%	2023
<p>Benefits: Projected benefits include reduction of 67,000 tons of CO2, development of renewable technology, and access of services for low-income residents along the corridor.</p>										
<p>Status: Recipient has completed a feasibility study to determine vehicle type (hybrid battery-hydrogen fuel cell system) for procurement and is considering a phased approach for vehicle procurement to initially include design, and subsequently amend a vehicle procurement contract to execute vehicle purchases.</p>										

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	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 <u>Pending</u>	\$5,763,000	\$0	0%	2022
<p>Benefits: Projected benefits include reduction of 7,000 tons of CO2, increased ridership through infrastructure upgrades, safety improvements and service frequency, improved connections to other rail services and access of services for low-income communities and low-income households along the route.</p>										
<p>Status: Recipient is currently coordinating with the Metropolitan Transit System for transit island design, including design of the layover/transfer area along the project corridor. Environmental clearance has also commenced with a projected construction start date in early 2021, following completion of final design. Projected project completion has been extended to 2022.</p>										
2018	17	San Diego Metropolitan Transit System	Blue Line Rail Corridor Transit Enhancements	Design of Blue Line improvements (PS&E) Blue Line Trolley Corridor Improvements (CON) Middletown Double Crossover (CON) Network Integration	\$40,098,000	\$1,555,000 <u>03/15/2019</u> \$0 <u>Pending</u> \$0 <u>Pending</u> \$250,000 <u>03/15/2019</u>	\$0 \$28,339,000 \$4,977,000 \$0	\$0	0%	2021
<p>Benefits: Projected benefits include reduction of 68,000 tons of CO2, increased ridership through capacity enhancements to station and rail infrastructure, including expanded and improved service frequency, improved integration with other transit and rail services, and access of services for low-income communities and low-household communities.</p>										
<p>Status: Three of the four design contracts have been executed, with an additional contract for the fourth component expected to be awarded by November 2019. Public outreach activities for network integration component expected to conclude by January 2020. Overall project remains on schedule and within the original budget.</p>										

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
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 <u>08/16/2018</u>	\$0	\$0	0%	2020
<p>Benefits: Projected benefits include reduction of 156,000 tons of CO2, increased ridership through fleet and service expansion, improved operational safety, improved integration with other transit services, and access of services for disadvantaged communities.</p>										
<p>Status: All eight additional vehicles have been delivered and in service since July 2019.</p>										
2018	19	San Joaquin Joint Powers Authority and San Joaquin Regional Rail Commission	Valley Rail	Environmental clearance and preliminary engineering Final design Acquisition of R/W Procurement, station construction, station tracks, layover facilities and improvements Network Integration	\$500,500,000	\$12,699,000 <u>10/18/2018</u> \$626,000 <u>10/18/2018</u> \$0 <u>Pending</u> \$0 <u>Pending</u> \$1,000,000 <u>10/18/2018</u>	\$0 \$12,790,000 \$22,792,000 \$435,093,000 \$0	\$0	0%	2023
<p>Benefits: Projected benefits include reduction of 4,369,000 tons of CO2, increased ridership through expanded service and infrastructure improvements, improved integration with other rail and transit services, and access of services for low-income communities and low-income households.</p>										
<p>Status: Award of a contract for network integration was executed on December 2018. A Request for Qualifications for preliminary engineering of project components for the extension to Sacramento was released, with contracts awarded in May 2019. Environmental assessment and preliminary engineering are underway.</p>										

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	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	Procurement 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 <u>Pending</u>	\$15,000,000	\$0	0%	2022
<p>Benefits: Projected benefits include reduction of 47,000 tons of CO2, increased ridership through improved service frequency and reliability and reduced travel times, and improved integration with other transit and rail services.</p> <p>Status: Feasibility study for the Express Bus Pilot project has been completed and the recipient is now in the process of refining the scope, schedule and budget for the implementation of the new service. Overall project remains on schedule and within the original budget.</p>										
2018	21	Santa Barbara County Association of Governments	Coastal Express/Pacific Surfliner Peak Hour Service Expansion and Integration	Design of transit facility improvements (PS&E) Transit facility improvements (CONST) Procurement of zero emission buses	\$9,600,000	\$300,000 <u>10/18/2018</u> \$0 <u>Pending</u> \$0 <u>Pending</u>	\$0 \$5,000,000 \$4,300,000	\$0	0%	2022
<p>Benefits: Projected benefits include reduction of 7,000 tons of CO2, increased ridership through service enhancements and expansion, and reduction in passenger travel times.</p> <p>Status: Completion of the local transit facility design assessment is anticipated by December 2019. Allocation of facility improvements and electric buses is expected by June 2020. Overall project remains on schedule and within the original budget.</p>										

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2018	22	Santa Barbara County Association of Governments	Goleta Train Depot	Environmental assessment for new train depot (PA&ED)	\$13,009,000	\$1,550,000 <u>08/15/2019</u>	\$0	\$0	0%	2023
			Design of Goleta train depot (PS&E)	\$0 <u>Pending</u>		\$1,212,000				
			Construction of train depot	\$0 <u>Pending</u>		\$9,597,000				
			Vehicle procurement and infrastructure	\$0 <u>Pending</u>		\$400,000				
			Network Integration	\$250,000 <u>10/18/2018</u>		\$0				

Benefits: Projected benefits include reduction of 73,000 tons of CO2, increased ridership through new service and infrastructure improvements, improved integration with other transit and rail services, and access of services for low-income communities and low-income households.

Status: Finalizing environmental assessment necessary to secure permits. Following allocation in October 2019, award of contracts for vehicles and supporting infrastructure anticipated by April 2020. Overall project remains on schedule and within the original budget.

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
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 four new stations. Project includes installation of communications-based train control system on the Santa Clara County segment	\$730,000,000	\$0 <u>Pending</u>	\$730,000,000	\$0	0%	2027
<p>Benefits: Projected benefits include reduction of 4,063,000 tons of CO2, increased ridership through improved frequency, service expansion and capacity, improved connectivity to other transit and rail services, and access of services for low-income communities and low-income households.</p>										
<p>Status: Engineering and coordination have commenced on parcel acquisition and tunnel alignment expected to be complete by December 2019. Recipient continues to work with the project team to secure federal funding.</p>										
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 <u>10/18/2018</u>	\$0	\$0	0%	2021
<p>Benefits: Projected benefits include reduction of 26,000 tons of CO2, increased ridership through implementation of new service, connectivity with other rail and transit services, and access of services for low-income communities and low-income households.</p>										
<p>Status: Project remains within the original budget, but recipient has requested additional time to award a vehicle procurement contract.</p>										

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2018	25	Solano Transportation Authority	Solano Regional Transit Improvements	Capital investments for improved transit services Vehicle procurement Network Integration	\$10,788,000	\$5,875,000 <u>10/18/2018</u> \$0 <u>Pending</u> \$250,000 <u>01/31/2019</u>	\$0 \$4,663,000 \$0	\$0	0%	2023
<p>Benefits: Projected benefits include reduction of 138,000 tons of CO2, increased ridership through improved service frequency and reduced travel times, improved integration with other transit and rail services and access of services for low-income communities and low-income households.</p>										
<p>Status: Contract for fair grounds in-line bus stops improvements was awarded in November 2018. The remaining contracts for the bus extension and bike/pedestrian access improvements are expected to be executed in early 2020. Network integration work is expected to begin by December 2019. Overall project remains on schedule and within the original budget.</p>										
2018	26	Sonoma-Marín Area Rail Transit District	SMART Larkspur to Windsor Corridor	Completion of the Larkspur and Windsor extensions Network Integration	\$21,000,000	\$20,000,000 <u>08/16/2018</u> \$1,000,000 <u>08/16/2018</u>	\$0 \$0	\$0	0%	2021
<p>Benefits: Projected benefits include reduction of 134,000 tons of CO2, increased ridership through expanded service, improved integration with other transit and rail services, and access of services for low-income communities and low-income households.</p>										
<p>Status: The positive train control work associated with the Windsor extension will commence once the award of the civil design/build contract is executed. The Network integration Passenger Rail Feasibility Study is complete. Overall project remains on schedule and within the original budget.</p>										

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
2018	27	Southern California Regional Rail Authority	Southern California Optimized Rail Expansion (SCORE)	Environmental assessment WAVE 1 and 2 (PA&ED)	\$875,708,000	\$6,500,000 <u>08/16/2018</u>	\$0	\$0	0%	2026
			Design for service improvements WAVE 1 and 2 (PS&E)	\$29,825,000 <u>10/18/2018</u>		\$33,361,000				
			LA Fullerton track improvements for Wave 1	\$5,200,000 <u>10/18/2018</u>		\$126,843,000				
			Construction component for WAVE 1B	\$0 <u>Pending</u>		\$95,683,000				
			Fleet and Facilities Phase 1	\$23,160,000 <u>10/18/2018</u>		\$21,078,000				
			Fleet and facilities 2	\$0 <u>Pending</u>		\$47,600,000				
			WAVE 2: siding, station improvements, signals and capacity improvements (CON)	\$0 <u>Pending</u>		\$73,328,000				
			Link US (PA&ED)	\$23,021,000 <u>10/18/2018</u>		\$0				
			Link US (PS&E)	\$0 <u>Pending</u>		\$22,158,000				

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
				Link US (R/W) Link US (CONST) Network Integration OC Maintenance Facility (PA&ED)		\$68,531,000 <u>08/15/2019</u> \$0 <u>Pending</u> \$10,000,000 <u>10/18/2018</u> \$0 <u>Pending</u>	\$0 \$284,681,000 \$0 \$4,829,000			
<p>Benefits: Projected benefits include reduction of 5,714,000 tons of CO2, increased ridership through improved frequency and performance and expanded service, infrastructure improvements, improved integration with other transit and rail services, and access of services for low-income communities and low-income households.</p>										
<p>Status: Recipient has completed the SCORE Program Management Plan with Signature Concurrence by Member Agency Chief Executive Officers. Project Definition Reports have been completed for projects along the corridor, which identify site conditions, proposed design alternatives, right of way impacts, environmental checklist and approach, including cost estimates. Recipient is continuing to work with the BNSF on the Commerce Relocation and Fullerton Interlocker project. For the LINK US component, environmental CEQA document has been approved and right of way acquisition activities have started. Overall project remains on schedule and within the estimated budget.</p>										
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 Network Integration	\$10,148,000	\$0 <u>Pending</u> \$500,000 <u>10/18/2018</u>	\$9,648,000 \$0	\$0	0%	2021
<p>Benefits: Projected benefits include reduction of 81,000 tons of CO2, increased ridership through expanded service, safety improvements including the implementation of Positive Train Control, infrastructure enhancements, improved integration with other transit and rail services, and access of services for low-income communities and low-income households.</p>										
<p>Status: Award of contract for Network integration was executed on July 2019. Overall project remains on schedule and within the original budget.</p>										
TOTAL – Cycle #3					\$4,325,000,000	\$423,841,000	\$3,875,749,000	\$0	0%	-----

Award Year	Project Number	Agency	Project Title	Project Description/Scope of Work	Award Amount	Allocation Amount and Allocation Date	Award Balance	Expended Amount	Expended Percentage	Expected Completion Date
TOTAL – All Cycles					\$5,340,171,000	\$934,852,248	\$4,379,930,752	\$259,695,042	27.7%	-----