



Quarterly Capital Program Status Report and DBE Status Report

Prepared for the December 06, 2018 Caltrain Board Meeting

1st Quarter FY2019: July 01, 2018 – September 30, 2018

Peninsula Corridor Joint Powers Board



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Caltrain - Capital Program - Budget Status Summary

1st Quarter FY2019 - July 01, 2018 to September 30, 2018

All Costs in \$1,000's

Programs						
	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019
1. Station and Intermodal Access	\$3,575	\$3,483	\$39,756	\$1,450	\$745	\$2,600
2. Right of Way / Signal & Communications	\$46,352	\$22,275	\$40,350	\$180,232	\$22,438	\$16,372
3. Rolling Stock	\$2,221	\$3,900	\$4,000	\$6,997	\$12,826	\$17,034
4. Operational Improvements/Enhancements	\$4,423	\$2,271	\$2,844	\$4,723	\$31,054	\$2,050
5. Planning and Studies	\$2,690	\$1,740	\$4,220	\$2,756	\$3,040	\$3,365
6. Caltrain Modernization Program	\$13,322	\$9,291	\$122,529	\$315,873	\$0	\$0
7. Legal Mandates & Required Enhancements	\$117,982	\$1,595	\$3,337	\$14,721	\$1,220	\$1,327
Total Board Approved Budget by FY	\$190,565	\$44,555	\$217,036	\$526,752	\$71,323	\$42,748

Some of the major projects in progress or completed include, but are not limited to the following:

Currently in Progress

25th Avenue Grade Separation Project
 Burlingame Broadway Grade Separation Project
 CBOSS/PTC Project
 Caltrain Right of Way Fencing Project
 F-40 Locomotive Mid-Life Overhaul Project
 Grade Crossing Improvement Projects
 Guadalupe River Bridge Replacement and Extension Project
 Marin and Napoleon Bridge Closure Project
 Mary Avenue Traffic Signal Project
 South San Francisco Station Improvements Project
 Station Enhancements and Renovation Project
 Sunnyvale Station Rehabilitation Project
 Systemwide Signal Rehabilitation Project
 Systemwide Station Rehabilitation Project
 Systemwide Track Rehabilitation Project

Completed Projects

Jerrold Avenue Bridge Replacement Project
 Los Gatos Bridge Replacement Project
 Narrow Banding Project
 Quint Street Bridge Project
 Rail Grinding Project
 Rail Operation Control System (ROCS) Project
 Real Time Transit Information Project - Predictive Arrival/Departure System (PADS)
 San Bruno Grade Separation Project
 San Francisco Bridge Replacement Project
 San Mateo Bridges Rehabilitation Project
 South Terminal and Santa Clara Stations Improvements Project
 Wayside Power at Diridon Station Project

Note: The "Total Board Approved Budget by FY" reflects the annual fiscal year capital budget approved by the Caltrain Board. This authorizes the amount that can be spent on projects. Unspent budget in a fiscal year may be carried forward to subsequent budget years.

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TRAFFIC LIGHT REPORT

The following projects represent a sub-set of the total Capital Program and have been selected for inclusion into the Quarterly Report due to project value, operational significance, and/or impact on customers.

	SCOPE		SCHEDULE		BUDGET / COST		SAFETY		
	Q4 FY18	Q1 FY19	Q4 FY18	Q1 FY19	Q4 FY18	Q1 FY19	Q4 FY18	Q1 FY19	
25th Ave. Grade Separation Project									4
Burlingame Broadway Grade Separation Project (Preliminary Design/Environmental Clearance)									6
F-40 Locomotive Mid-Life Overhaul Project									8
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Systemwide Station Improvements Project - FY2016									40
Systemwide Station Improvements Project - FY2017									42
Systemwide Track Rehabilitation Project - FY2017									44
Upgrade CCF Equipment Room Cooling Project									46



= Project On-Hold



= No Issues



= Notable Issues



= Significant Issues

25th AVENUE GRADE SEPARATION PROJECT



SCOPE:



This project will raise the vertical alignment and provide grade separations between Hillsdale Boulevard and SR-92 in the City of San Mateo, including:

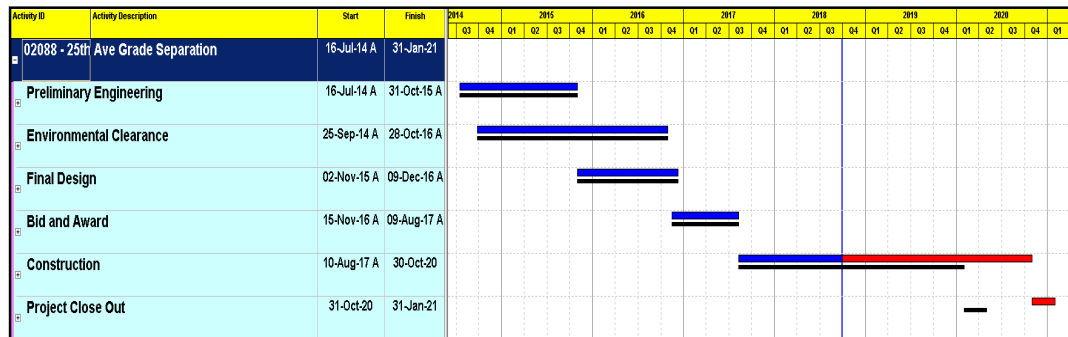
- Grade separating the 25th Avenue at-grade crossing.
- Construction of two new grade separated crossings at 28th and 31st Avenues.
- Perform relocation of the existing Hillsdale Caltrain station. The new station will be an elevated, center-board platform, located south of 28th Avenue.

Scope includes final design/environmental (CEQA and NEPA) clearance work and construction to replace the existing 25th Avenue at-grade crossing with a two-track elevated grade separation. The elevated rail alignment will require the relocation of the existing Hillsdale Caltrain Station northward to a location between 28th and 31st Avenues and will allow for new street connections between El Camino Real and Delaware Street at 28th and 31st Avenues in San Mateo, California.

Issues:

None.

SCHEDULE:



Issues:

- (1) Project schedule extended due to working around Third Party Fiber Optic Cables (TPFOC). Having to re-design the ramp walls, MSE walls, bridges and installing protections around the TPFOC in order to perform contract work.
- (2) Currently in negotiations with the contractor to mitigate the project schedule delay.

Progress:

Jul - Sep 2018

- (1) Continued meeting with Stakeholders.
- (2) Continued 25th Ave bridge abutments and center bent.
- (3) Continued 28th Ave bridge abutment.
- (4) Completed Pedestrian Underpass center bent & installed bridge girders.
- (5) Continued PG&E 24" gas line relocation work.
- (6) Continued PG&E electrical relocation work.
- (7) Continued AT&T communication relocation work.
- (8) Continued TPFOC & PTC relocation work.
- (9) Continued underground utility potholing.
- (10) Completed Pedestrian Underpass post tensioning & started bridge diaphragms.
- (11) Began MSE Wall keyways and leveling footings.

Future

Activities:

Oct - Dec 2018

- (1) Continue meeting with Stakeholders.
- (2) Continue 25th Ave bridge abutments and center bent.
- (3) Continue 28th Ave bridge abutments and electrical room.
- (4) Continue Pedestrian Underpass bridge diaphragms.
- (5) Continue PG&E 24" gas line relocation work.
- (6) Continue PG&E electrical relocation work.
- (7) Continue AT&T communication relocation work.
- (8) Continue TPFOC & PTC relocation work.
- (9) Begin MSE Wall panel installation & place cellular concrete fill.

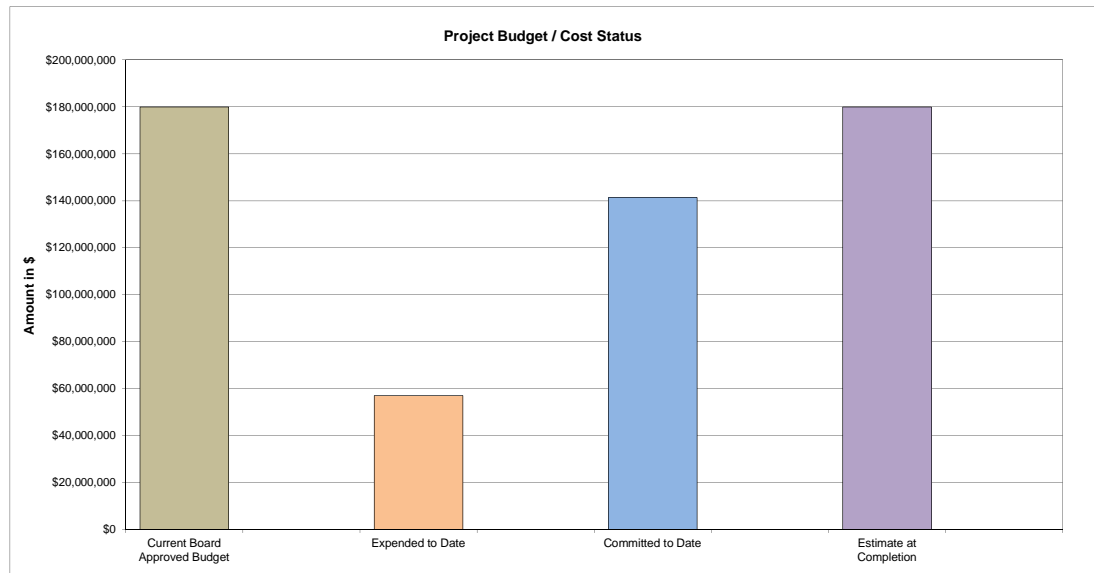
Issues:

Disputes with UPRR third party fiber optic relocations have caused delays in protecting fiber optic facilities, constructing bridge abutments and MSE walls.

25th AVENUE GRADE SEPARATION PROJECT

BUDGET:

	(a)	(b)	(c)	(d)	(e) = (a - d)
	Current Board Approved Budget	Expended to Date	Committed to Date	Estimate at Completion	Variance at Completion
Total Project	\$180,000,000	\$56,994,327	\$141,392,951	\$180,000,000	\$0



Issues: None.

SAFETY:

One incidents was reported this quarter.

- 1) PG&E struck a gas line while excavating a trench.
No injuries or damage occurred. and the proper procedures were followed

BURLINGAME BROADWAY GRADE SEPARATION PROJECT (Preliminary Design/Environmental Clearance)

**SCOPE:**

This project will grade separate the Broadway railroad crossing in the City of Burlingame by partially elevating the rail and partially depressing the roadway. The elevated rail alignment will require the reconstruction of the Broadway Caltrain Station. Reconstruction of the Broadway Caltrain Station will remove the operational requirement of the hold-out rule.

The current scope for this project specifically is to complete the 35% preliminary design and obtain CEQA and NEPA environmental clearance needed to grade separate the Broadway at-grade crossing as described above.

Issues:

None.

SCHEDULE:

Activity ID	Activity Description	Start	Finish	2018					2019		
				Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
100244 - Burlingame Broadway Grade Separation		18-Dec-17 A	31-Aug-19								
Preliminary Engineering		18-Dec-17 A	31-Aug-19								

Progress:

Jul - Sep 2018

- (1) Continued meeting with stakeholders.
- (2) Continued technical studies for environmental clearances.
- (3) Completed working on roadway profiles and lane configuration plans.
- (4) Completed planning for community outreach activities.
- (5) Continued coordination with Electrification project regarding redesign of substation.
- (6) Hosted first community outreach meeting and update the Burlingame City Council.
- (7) Submitted 15% design submittal.

Future**Activities:**

Oct - Dec 2018

- (1) Continue meeting with stakeholders.
- (2) Continue technical studies for environmental clearances.
- (3) Review 15% design submittal.
- (4) Continue coordination with Electrification project regarding redesign of substation.

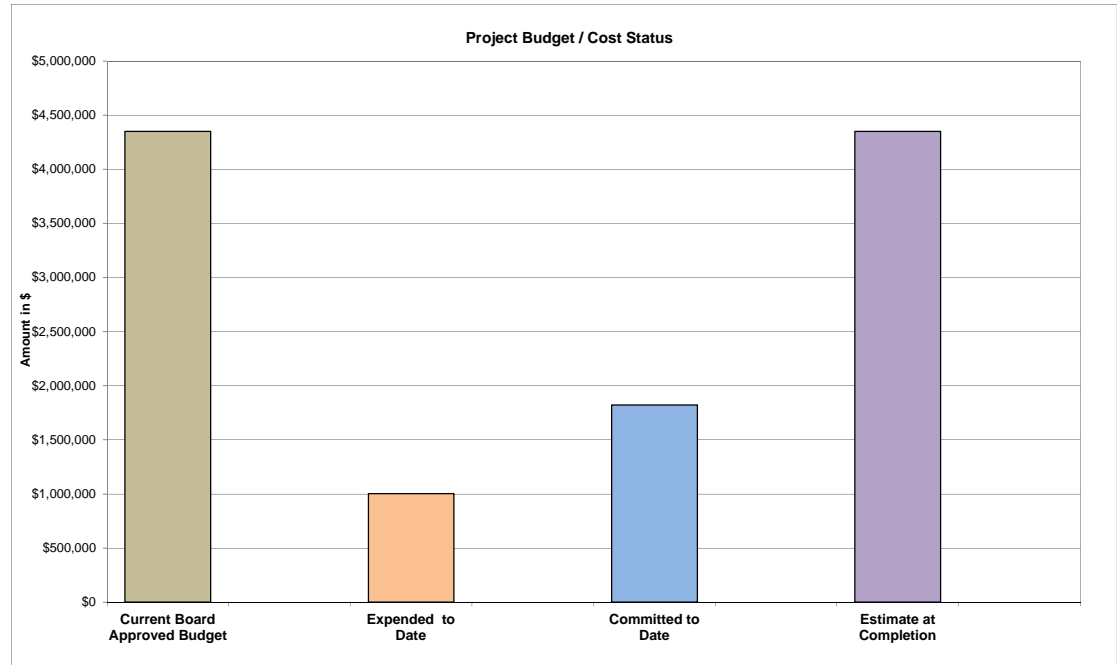
Issues:

Preliminary Design and Environmental clearance have been extended to address the City of Burlingame's comments on profile of proposed roadway underpass.

BURLINGAME BROADWAY GRADE SEPARATION PROJECT
(Preliminary Design/Environmental Clearance)

BUDGET:

	(a)	(b)	(c)	(d)	(e) = (a - d)
	Current Board Approved Budget	Expended to Date	Committed to Date	Estimate at Completion	Variance at Completion
Total Project	\$4,350,000	\$1,002,665	\$1,820,882	\$4,350,000	\$0



Issues: None.

SAFETY:

No incidents reported this quarter.

F-40 LOCOMOTIVE MID-LIFE OVERHAUL PROJECT

SCOPE



SCHEDULE



BUDGET/COST



SAFETY



SCOPE:



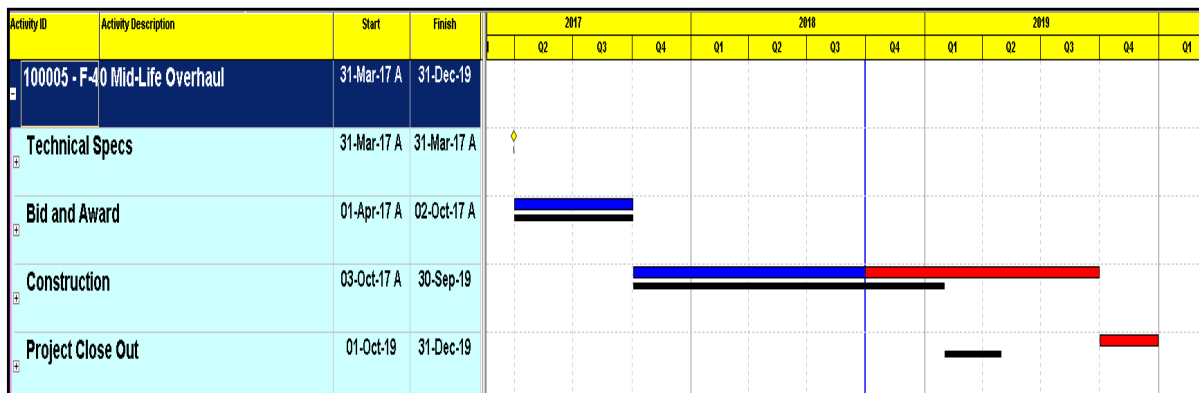
This project will perform mid-life overhaul of three F40PH2C locomotives. The mid-life overhaul of the locomotives shall include complete disassembly of the main diesel engine, overhauling by reconditioning re-usable main frame components and re-assembly with new engine components and replacement of the Separate Head-End Power (SEP-HEP) unit and all electrical components of the SEP-HEP compartment. All areas of the locomotive carbody, trucks, wheels and electrical components shall be reconditioned to like-new condition or replaced with new material. The work shall be completed off-site at contractor's (Motive Power) facility location at Boise, Idaho. Project also includes onsite inspection and contract management by JPB's vehicle consultant. Final acceptance of the completed locomotive overhaul will be conducted at the JPB's CEMOF facility in San Jose. The three locomotives are:

1. Locomotive # 920
2. Locomotive # 921
3. Locomotive # 922

Issues:

None.

SCHEDULE:



Progress:

Jul - Sep 2018

- (1) Continued the overhaul of locomotive #920, delivered to Motive Power's facility plant in February 2018.
- (2) Continued the overhaul of locomotive #921, delivered to Motive Power's facility plant in March 2018.

Future

Activities:

Oct - Dec 2018

- (1) Continue the overhaul of locomotive #920. Return and final acceptance is expected in the Spring of 2019.
- (2) Continue the overhaul of locomotive #921. Return and final acceptance is expected in the Spring of 2019.
- (3) Locomotive #922 is expected to be shipped to contractor's facility in Boise, ID in December 2018. Return and final acceptance is expected in September 2019.

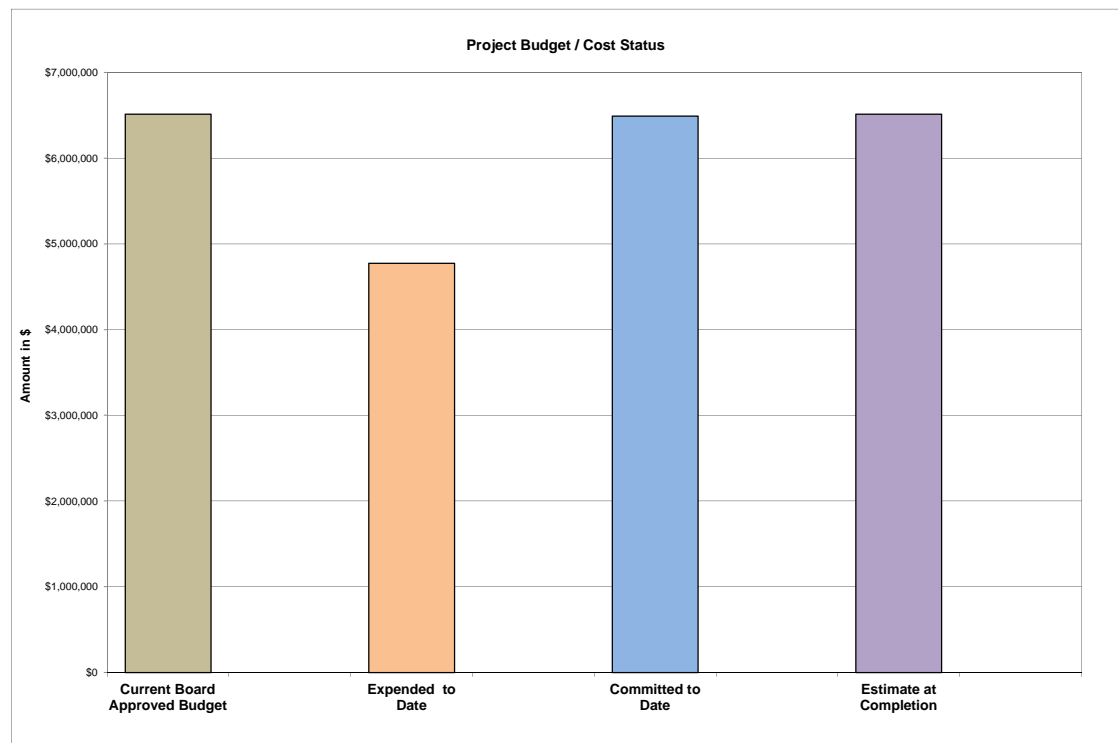
Issues:

Schedule delay is due to:

- (1) Additional parts needing to be replaced that were not part of the original overhaul.
- (2) Resource constraints facing the contractor in hiring qualified workers to perform the locomotive overhauls.

F-40 LOCOMOTIVE MID-LIFE OVERHAUL PROJECT**BUDGET:**

	(a)	(b)	(c)	(d)	(e) = (a - d)
	Current Board Approved Budget	Expended to Date	Committed to Date	Estimate at Completion	Variance at Completion
Total Project	\$6,510,000	\$4,771,620	\$6,488,104	\$6,510,000	\$0

**Issues:** None.**SAFETY:**

No incidents reported this quarter.

GRADE CROSSING IMPROVEMENT PROJECT – FY2016

SCOPE



SCHEDULE



BUDGET/COST



SAFETY

**SCOPE:**

This project is the continuation of the Caltrain Grade Crossing Improvement Program. It will take the conceptual design of the following top 10 (out of 42) highest priority crossings identified in the Caltrain Grade Crossing Hazard Analysis Report and advance them to final design. The ten grade crossings were chosen because they had an average daily traffic count of 12,000 vehicles or more, which is considered high usage. Work items included are the installation of signals, fences, gates, curbs, lighting and signs. The existing grade crossing warning devices will be retrofitted to meet the latest California Public Utilities Commission standards.

The ten grade crossing are:

- | | |
|--------------------------------------|----------------------------------|
| 1. Broadway (Burlingame) | 6. Castro Street (Mountain View) |
| 2. Mary Avenue (Sunnyvale) | 7. Peninsula Avenue (Burlingame) |
| 3. Ravenswood Avenue (Menlo Park) | 8. Alma Street (Palo Alto) |
| 4. Rengstorff Avenue (Mountain View) | 9. 16th Street (San Francisco) |
| 5. Charleston Road (Palo Alto) | 10. 4th Street (San Mateo) |

Issues:

Grade Crossing Improvement FY2016 construction contract has been combined with Santa Clara County Grade Crossing Medians Project for administrative efficiency.

SCHEDULE:

Activity ID	Activity Description	Start	Finish	2016				2017				2018				2019	
				Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
100002 - FY2016 Grade Crossing Improvement...		01-Sep-15 A	31-May-19														
Final Design		01-Sep-15 A	31-Oct-16 A														
Bid and Award		01-Nov-16 A	31-Jan-18 A														
Construction		01-Feb-18 A	28-Feb-19														
Project Close Out		01-Mar-19	31-May-19														

Progress:

Jul - Sep 2018

- (1) Installed the median at Charleston and installed pavement markings and markers.
- (2) Completed the installation of the new pedestrian gate, emergency swing gate, sidewalk improvements and guard rail in the SW quadrant of the Ravenswood, Peninsula and Broadway crossings.
- (3) Completed installation of the new pedestrian gate, emergency swing gate and improved sidewalk in the NE quadrant of the Ravenswood crossing.
- (4) Completed installation of the new pedestrian gate, emergency swing gate and guardrail in the NE quadrant of the Peninsula and Broadway crossings.
- (5) Completed sidewalk improvements, new pedestrian gate, emergency swing gate, guardrail and striping at the 4th Ave.

Future**Activities:**

Oct - Dec 2018

- (1) Begin work at the Mary Ave. and 16th St. grade crossings.

Issues:

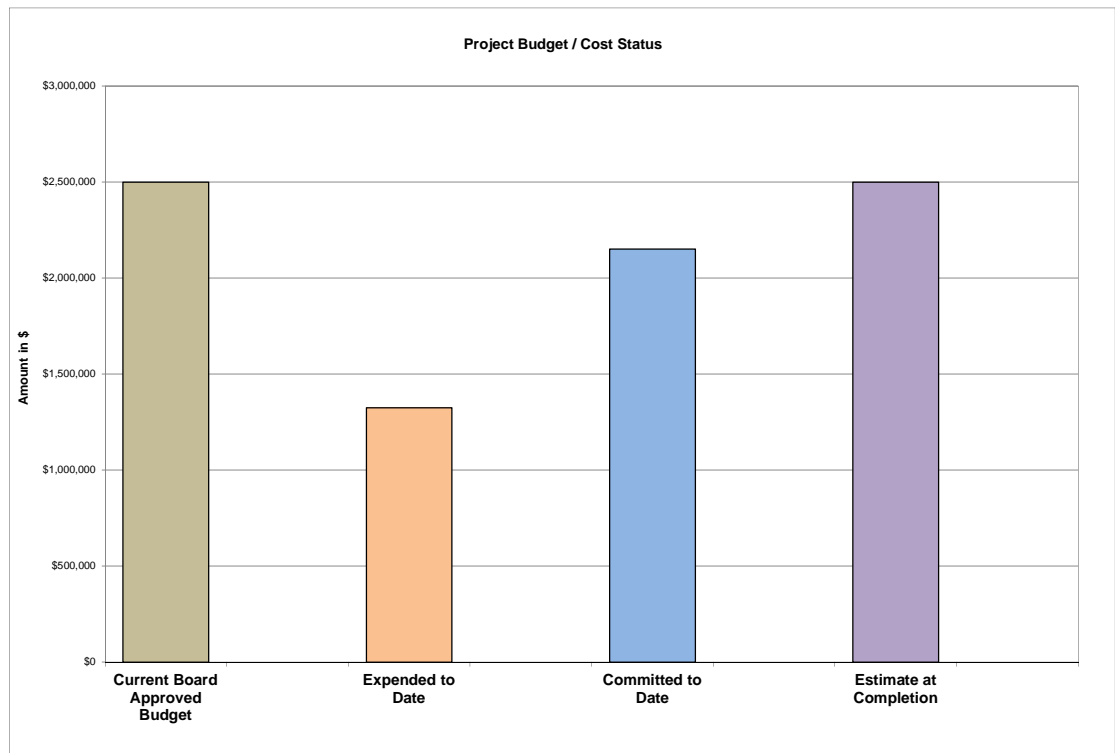
None.

GRADE CROSSING IMPROVEMENT PROJECT – FY2016

BUDGET:



	(a)	(b)	(c)	(d)	(e) = (a - d)
	Current Board Approved Budget	Expended to Date	Committed to Date	Estimate at Completion	Variance at Completion
Total Project	\$2,499,000	\$1,324,985	\$2,151,566	\$2,499,000	\$0



Issues: None.

SAFETY:



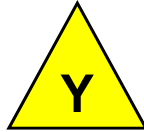
No incidents reported this quarter.

GRADE CROSSING IMPROVEMENTS IN REDWOOD CITY PROJECT

SCOPE



SCHEDULE



BUDGET/COST



SAFETY



SCOPE:



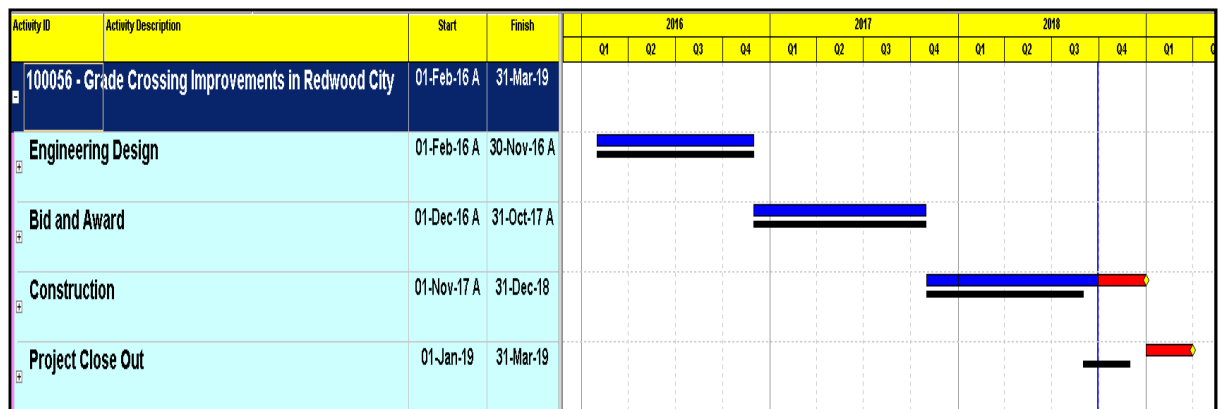
This project will make improvements to three grade crossings (Whipple Ave, Main St. and Broadway) in Redwood City according to the scope defined in the CPUC Section 130 program. The grade crossing improvements will cover railroad, traffic, and roadway safety systems. The design components at each grade crossing include but are not limited to the following:

- Replacing vehicle gate arms.
- Channelized pedestrian crossing with fencing & rails.
- Improve sidewalk markings.
- Improve pavement markings (striping, stop bars, etc.).
- Install standalone pedestrian gates.
- Upgrade traffic signal interconnects.

Issues:

None.

SCHEDULE:



Progress:

Jul - Sep 2018

- (1) Completed construction.
- (2) Completed punch list.
- (3) Worked with the contractor to close out the construction contract.
- (4) Waited for Redwood City to install the traffic signal preemption cable at Broadway.

Future

Activities:

Oct - Dec 2018

- (1) Complete close out the construction contract.
- (2) Complete the connection of the traffic signal preemption cable at Broadway.

Issues:

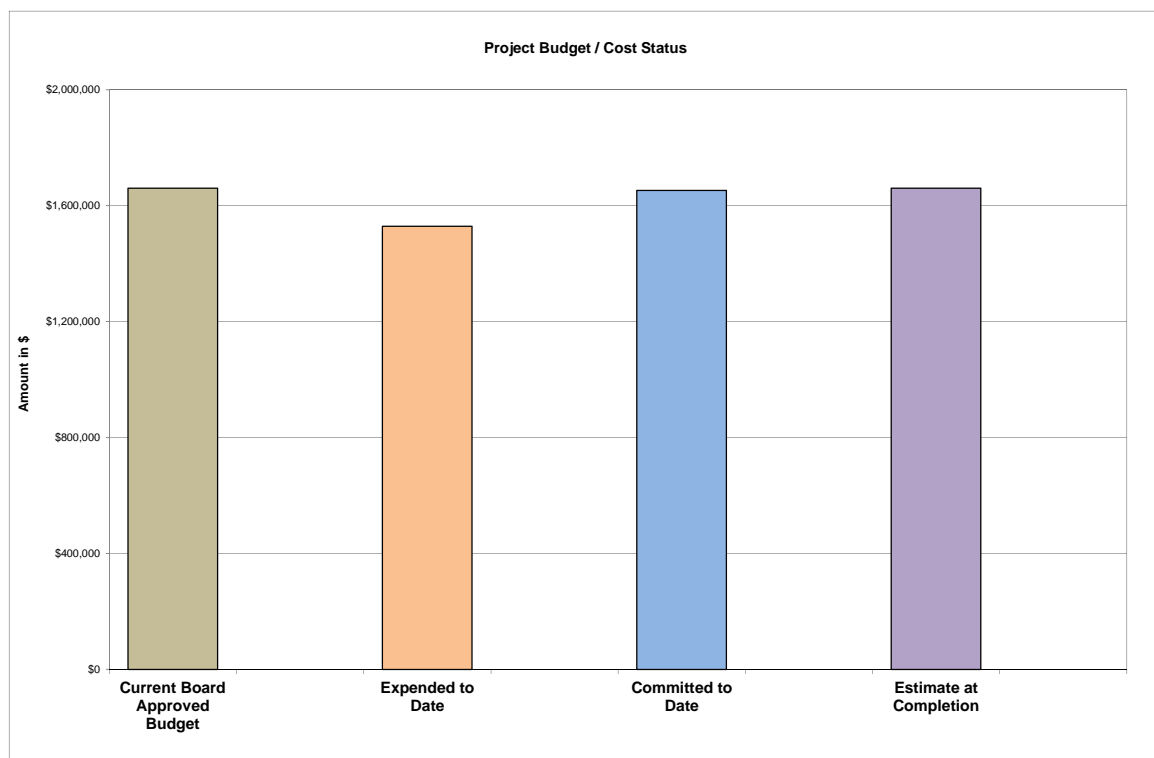
The Redwood City has not installed the traffic signal preemption cable at Broadway. This must be done before PCJPB can connect the cable to the Caltrain signal house and test it. Schedule has been delayed because of this dependency.

GRADE CROSSING IMPROVEMENTS IN REDWOOD CITY PROJECT

BUDGET:



	(a)	(b)	(c)	(d)	(e) = (a - d)
	Current Board Approved Budget	Expended to Date	Committed to Date	Estimate at Completion	Variance at Completion
Total Project	\$1,660,500	\$1,529,171	\$1,652,685	\$1,660,500	\$0



Issues: None.

SAFETY:



No incidents reported this quarter.

GUADALUPE RIVER BRIDGES REPLACEMENT AND EXTENSION PROJECT (Preliminary Design/Environmental Clearance)

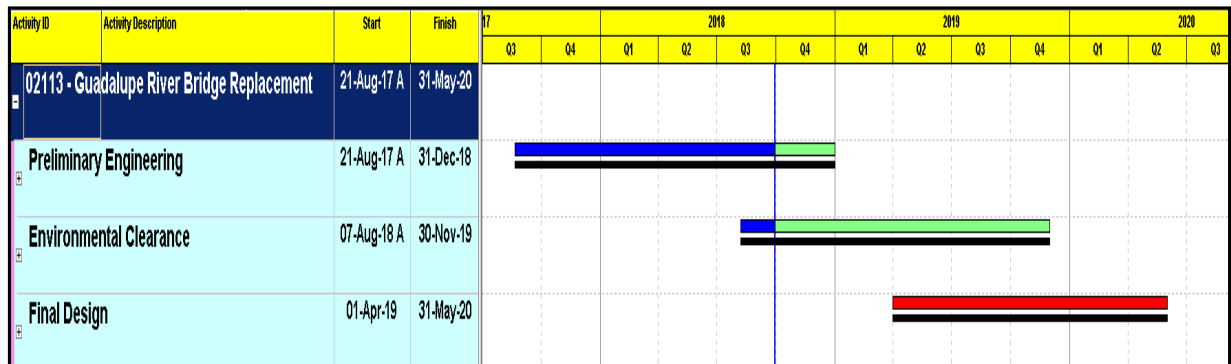
**SCOPE:**

Total project scope includes:

- 1) Coordination with the US Army Corps of Engineers (USACE) and the Santa Clara Valley Water District (SCVWD) regarding their flood control project,
- 2) Replacement of MT1 Bridge in the current location includes:
 - a. Prepare preliminary and final Design.
 - b. Prepare environmental documents.
 - c. Construct MT1 Bridge.
- 3) Extensions of MT1 and MT2 bridge over widened channel for SCVWD/USACE's flood control project includes:
 - a. Prepare preliminary and 65% Design.
 - b. Prepare environmental documents.
- 4) Obtain CEQA and NEPA environmental clearance and permits.

Issues:

None.

SCHEDULE:**Progress:**

Jul - Sep 2018

- (1) Continue meeting with Stakeholders.
- (2) Continued preparing 35% design submittal.
- (3) Continue coordination for third party fiber relocation.
- (4) Continued data collection/fieldwork for biological resources evaluation, wetlands and water delineation, cultural resources, and hazmat existing conditions.
- (5) Began preparation of environmental scoping memo.

Future**Activities:**

Oct - Dec 2018

- (1) Continue meeting with Stakeholders.
- (2) Continue preparing 35% design submittal.
- (3) Continue coordination for third party fiber relocation.
- (4) Continue data collection/fieldwork for biological resources evaluation, wetlands and water delineation, cultural resources, and hazmat existing conditions.
- (5) Continue preparing environmental scoping memo.
- (6) Complete Preliminary engineering.

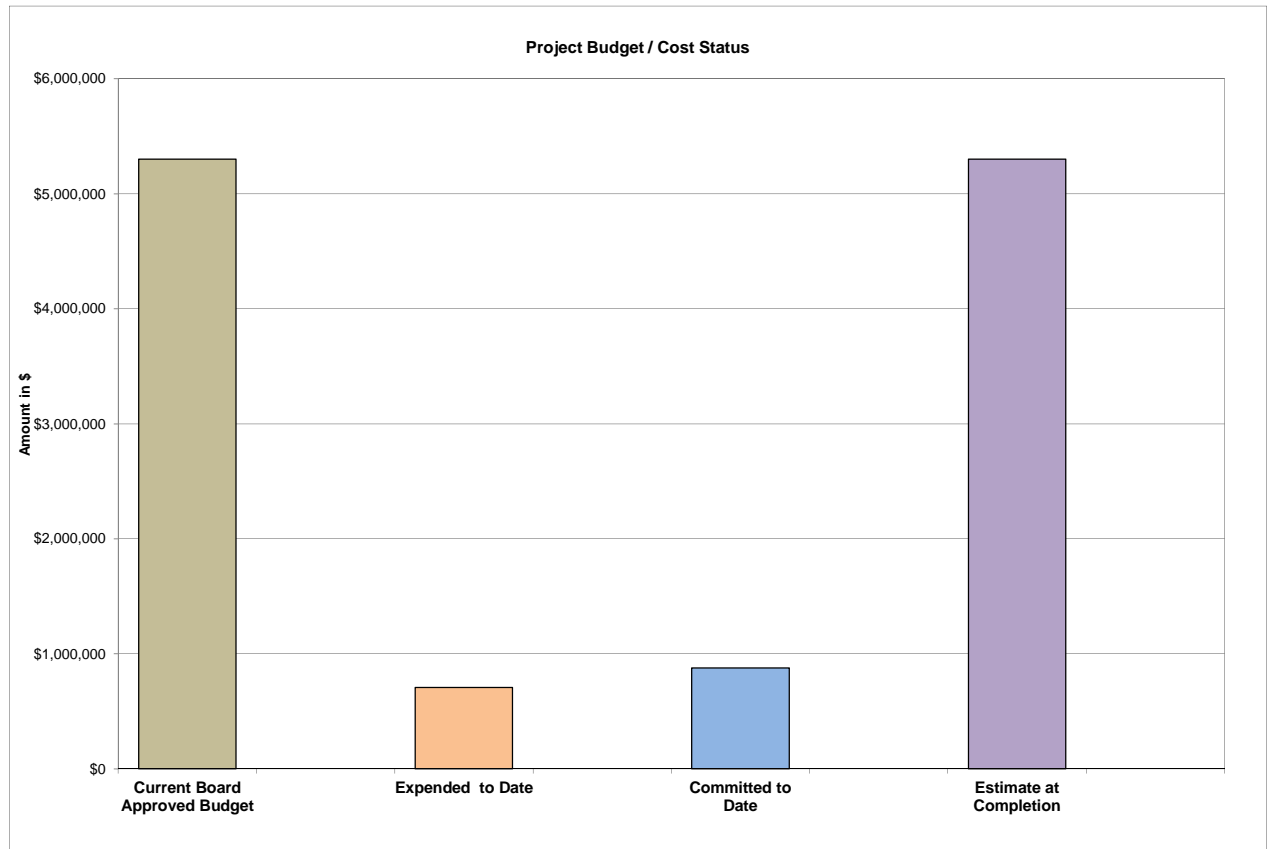
Issues:

Due to lack of funding contribution from SCVWD/USACE, JPB's 35% design is being revised to deliver the construction in two phases. Phase 1 will reconstruct the MT1 bridge in kind. Phase 2 will extend MT1 and MT2 bridges to accommodate the SCVWD/USACE flood control project.

GUADALUPE RIVER BRIDGES REPLACEMENT AND EXTENSION PROJECT (Preliminary Design/Environmental Clearance)

BUDGET:

	(a)	(b)	(c)	(d)	(e) = (a - d)
	Current Board Approved Budget	Expended to Date	Committed to Date	Estimate at Completion	Variance at Completion
Total Project	\$5,300,000	\$706,733	\$876,494	\$5,300,000	\$0



Issues: Additional funding to advance the design was approved in the FY19 Capital Budget.

SAFETY:

No incidents reported this quarter.

MARIN STREET AND NAPOLEON AVENUE BRIDGE CLOSURE PROJECT

SCOPE



SCHEDULE



BUDGET/COST



SAFETY



SCOPE:



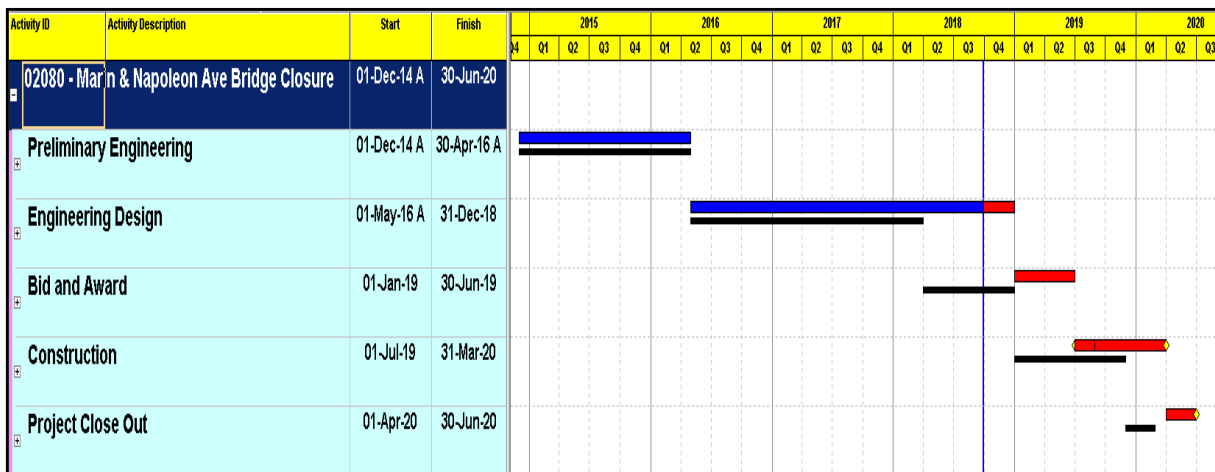
Marin Street and Napoleon Avenue bridges are located at MP 2.35 and MP 2.45 respectively in the City and County of San Francisco. Project Scope is for:

- (1) Marin Street Bridge - Improve safety and security, maintain the bridge at a state of good repair, and improve worker safety.
- (2) Napoleon Street Bridge - improve safety and security, minimize future maintenance repairs, and replace deficient bridge components by removing the 4 short bridge spans not located over box culvert and replace with earth berm, replacing the main center steel bridge with precast concrete girders and adding new wing walls.

Issues:

Engineering is currently working to update the scope to include additional trackwork to replace the rail on MT1 and MT2 from approximate MP 2.10 to MP 2.63.

SCHEDULE:



Progress:

Jul - Sep 2018

- (1) Continued out-reach to impacted stakeholders such as city and county of San Francisco and Caltrans regarding project.
- (2) Continued developing division 01 specifications.
- (3) Continued addressing stakeholder's design comments.

Future

Activities:

Oct - Dec 2018

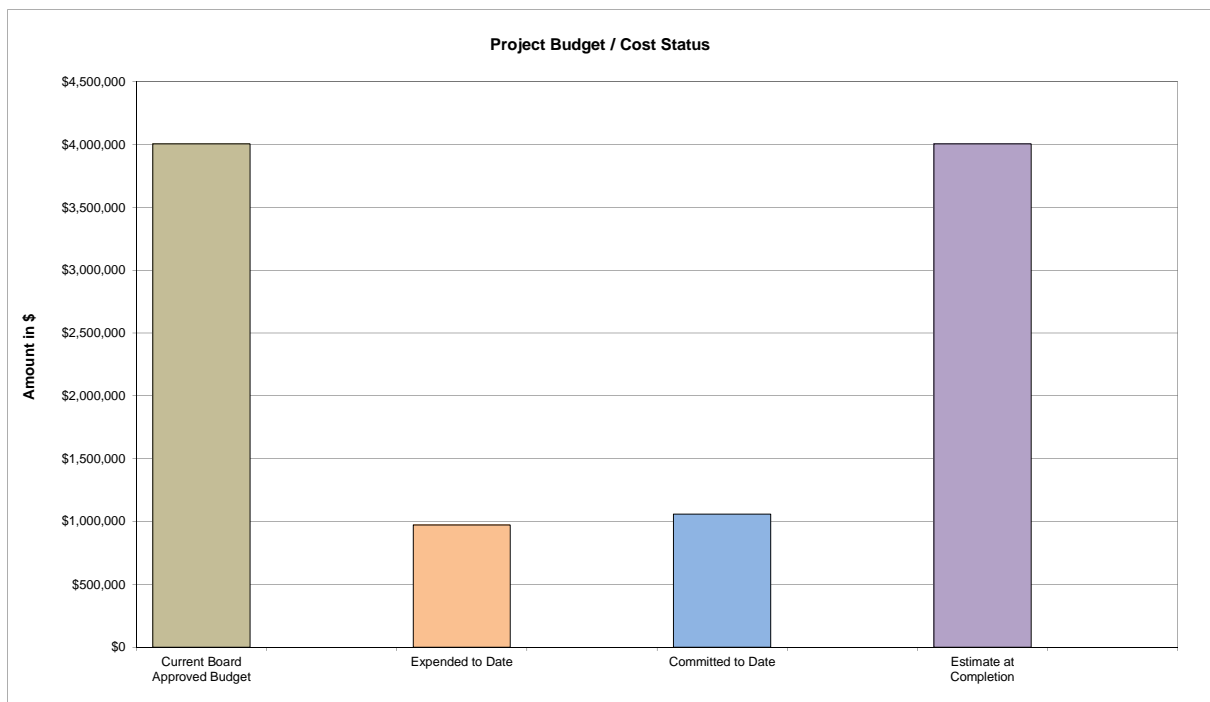
- (1) Continue out-reach to impacted stakeholders such as city and county of San Francisco and Caltrans regarding project.
- (2) Continue developing division 01 specifications.
- (3) Continue addressing stakeholder's design comments.
- (4) Complete final design.

Issues:

Design forecast has been extended to include potential additional scope to improve the trackwork adjacent to the project area as requested by JPB Engineering. Project schedule has been extended to begin after Electrification Tunnel Modification project due to resourcing conflicts. Schedule will be rebaselined when we approve contractor's baseline schedule.

MARIN STREET AND NAPOLEON AVENUE BRIDGE CLOSURE PROJECT**BUDGET:**

	(a)	(b)	(c)	(d)	(e) = (a - d)
	Current Board Approved Budget	Expended to Date	Committed to Date	Estimate at Completion	Variance at Completion
Total Project	\$4,004,000	\$971,916	\$1,058,917	\$4,004,000	\$0

**Issues:** None.**SAFETY:**

No incidents reported this quarter.

MARY AVENUE TRAFFIC SIGNAL PREEMPTION PROJECT

SCOPE



SCHEDULE



BUDGET/COST



SAFETY



SCOPE:



Caltrain will install an Advance Signal Preemption system at the Mary Avenue grade crossing to provide additional time for the City's traffic signals at Mary Avenue and Evelyn Avenue to respond to allow Caltrain to pass through.

Issues:

None.

SCHEDULE:



Activity ID	Activity Description	Start	Finish	2018				2019				2020				2021
				Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
100278 - Mary Avenue Traffic Signal		01-Feb-18 A	31-Mar-21													
Final Design		01-Feb-18 A	30-Sep-19													
Bid and Award		01-Oct-19	31-Mar-20													
Construction		01-Apr-20	31-Dec-20													
Project Close Out		01-Jan-21	31-Mar-21													

Progress:

Jul - Sep 2018

- (1) Submitted all documentation to Contracts & Procurement for the Request for proposal (RFP) for the advance signal preemption design.
- (2) Continued to work with Contracts & Procurement for the Request for proposal (RFP) for the advance signal preemption design.

Future

Activities:

Oct - Dec 2018

- (1) Continue to work with contracts & procurement for the Request for proposal (RFP) for the advance signal preemption design.

Issues:

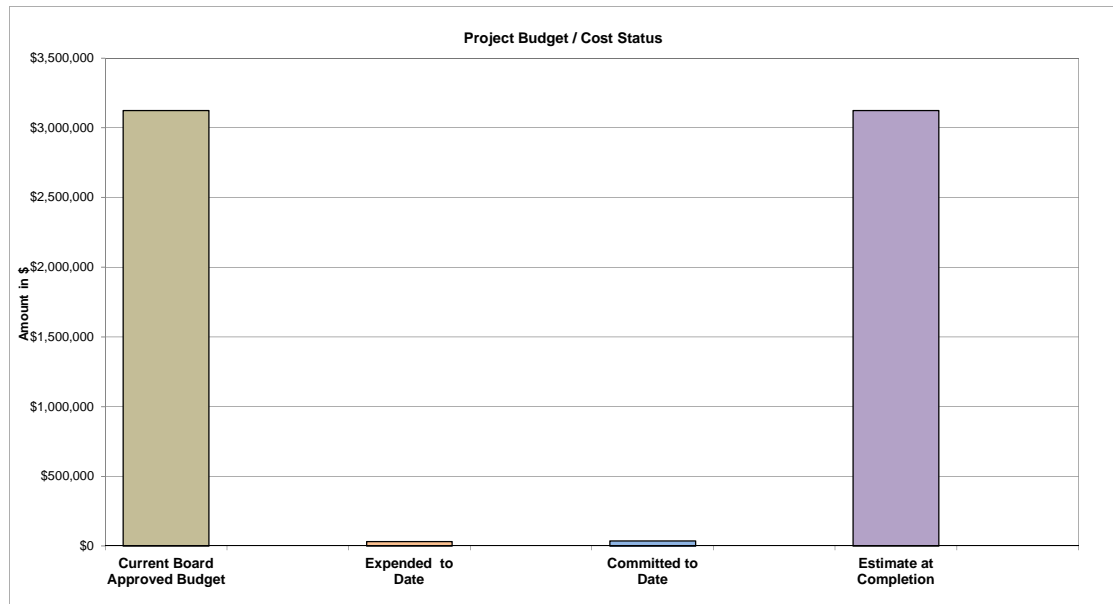
None.

MARY AVENUE TRAFFIC SIGNAL PREEMPTION PROJECT

BUDGET:



	(a)	(b)	(c)	(d)	(e) = (a - d)
	Current Board Approved Budget	Expended to Date	Committed to Date	Estimate at Completion	Variance at Completion
Total Project	\$3,125,000	\$32,799	\$36,742	\$3,125,000	\$0



Issues: None.

SAFETY:



No incidents reported this quarter.

MP-36 LOCOMOTIVE MID-LIFE OVERHAUL PROJECT

SCOPE



SCHEDULE



BUDGET/COST



SAFETY



SCOPE:



This project will perform mid-life overhaul of six MP-36-3C Locomotives. The mid-life overhaul of the locomotives shall include complete disassembly of the main diesel engine, overhauling by reconditioning re-usable main frame components and re-assembly with new engine components and the replacement of the Separate Head-End Power (SEP-HEP) unit and all electrical components of the SEP-HEP compartment. All areas of the locomotive carbody, trucks, wheels and electrical components shall be reconditioned to like-new condition or replaced with new material. The project work shall be completed off-site at the contractor's facility location. Project also includes onsite inspection and contract management by JPB's vehicle consultant. Final acceptance of the completed locomotive overhaul will be conducted at the JPB's CEMOF facility in San Jose. The six locomotives are:

1. Locomotive # 923
2. Locomotive # 924
3. Locomotive # 925
4. Locomotive # 926
5. Locomotive # 927
6. Locomotive # 928

Issues:

None.

SCHEDULE:



Activity ID	Activity Description	Start	Finish	2017				2018	
				Q1	Q2	Q3	Q4	Q1	Q2
100218 - MF-36 Mid-Life Overhaul		01-Apr-17 A	02-Mar-18 A						
Technical Specs		01-Apr-17 A	28-Feb-18 A						
Bid and Award		01-Mar-18 A	02-Mar-18 A						

Bids were rejected. Schedule for the re-solicitation is TBD.

Progress:

Jul - Sep 2018 (1) Completed evaluating the proposals and finalized contract negotiations.

Future

Activities:

Oct - Dec 2018 TBD.

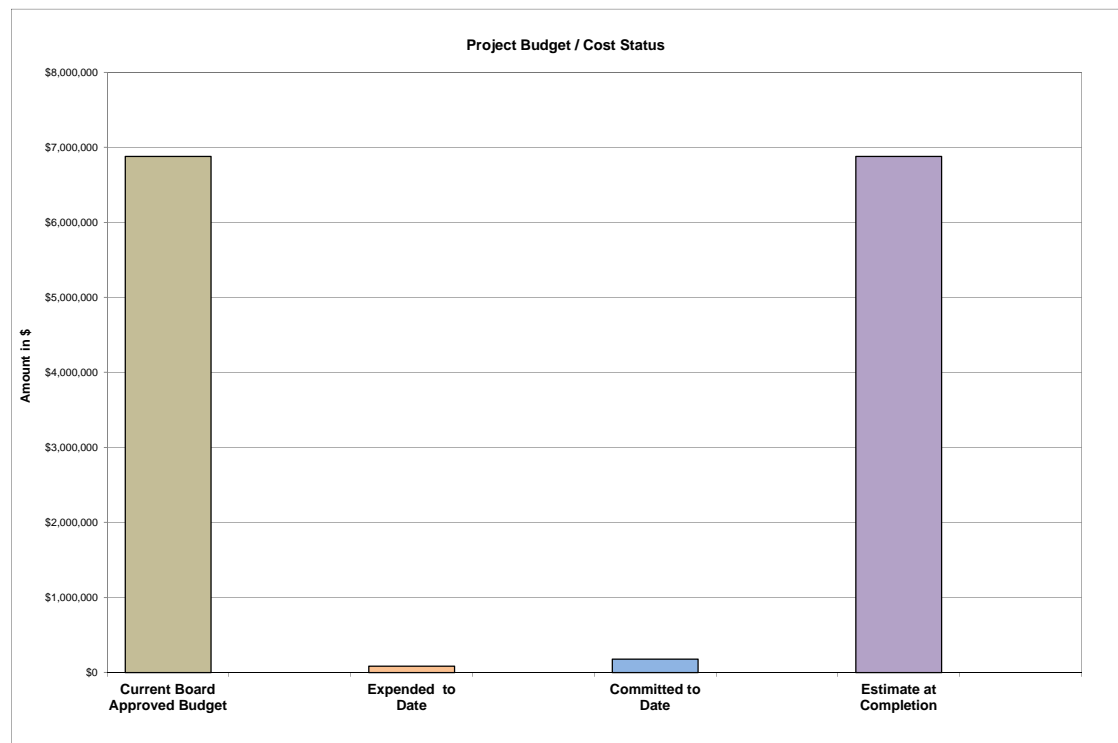
Note: Bids were rejected at the October 04, 2018 Board meeting. Schedule for re-solicitation is TBD.

Issues:

There is no re-solicitation date yet, the project schedule is under review and the schedule dates should be updated by the next quarterly report.

MP-36 LOCOMOTIVE MID-LIFE OVERHAUL PROJECT**BUDGET:**

	(a)	(b)	(c)	(d)	(e) = (a - d)
	Current Board Approved Budget	Expended to Date	Committed to Date	Estimate at Completion	Variance at Completion
Total Project	\$6,880,614	\$86,266	\$179,280	\$6,880,614	\$0



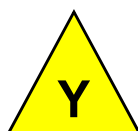
Issues: None.

SAFETY:

No incidents reported this quarter.

RAILROAD COMMUNICATION SYSTEM PROJECT - FY2017

SCOPE



SCHEDULE



BUDGET/COST



SAFETY

**SCOPE:**

The State of Good Repair (SOGR) project originally consisted the following tasks for maintenance of the Caltrain's Communication (COM) Systems.

- Task 1: Upgrade UPS system at CCF.
- Task 2: Upgrade high priority Control Points (CPs) with generator plugs.
- Task 3: Enhance radio coverage around CP Lick area.
- Task 4: Update voice radio communications path between Sign Hill and San Bruno Mountain.
- Task 5: Software Configuration Management Study and Implementation.

Changes to scope:

- Task 1 will be executed by PCEP. As a part of their project, PCEP is scoped to upgrade UPS system at CCF.
- Task 2 is also eliminated. There are only three CPs that do not have generator plugs. PCEP will replace those CPs with generator plugs as a part of their project.
- Rail Tech Group rescope Tasks 3 and 4 to improve radio coverage between Train Engineers and Maintenance of Way (MoW) Personnel.

Revised scope:

The current scope for this project is as follows:

- Task 1: Improve radio coverage between Train Engineers and MoW Personnel.

Issues:

The current scope is for design only.

SCHEDULE:

Activity ID	Activity Description	Start	Finish	2018			2019			
				Q2	Q3	Q4	Q1	Q2	Q3	Q4
100147 - FY2017 Railroad Communication SOGR		31-Mar-18 A	31-Dec-19							
Final Design		31-Mar-18 A	31-Mar-19							
Bid and Award		01-Apr-19	30-Sep-19							
Project Close Out		01-Oct-19	31-Dec-19							

Progress:

Jul - Sep 2018

- (1) Completed Work Directive Proposal (WDPR) evaluation for design.
- (2) Completed technical evaluation for award of design.

Future**Activities:**

Oct - Dec 2018

- (1) Complete award for design.
- (2) Initiate design.

Issues:

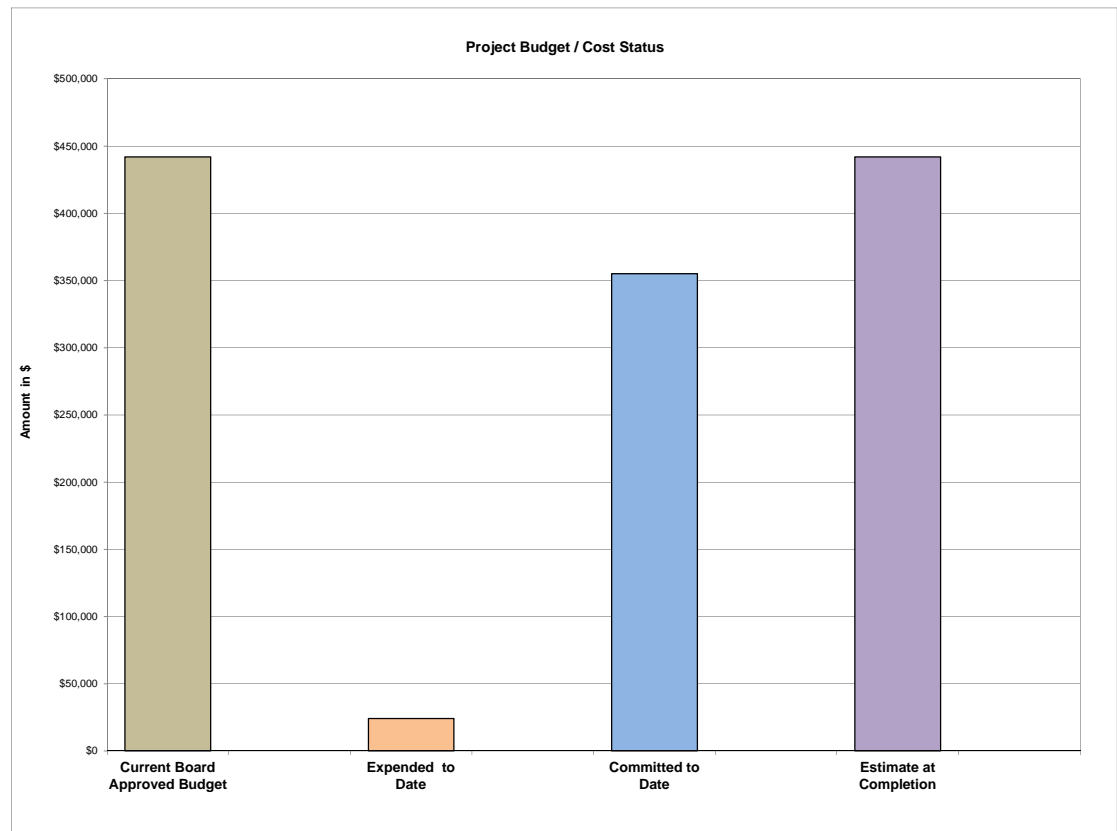
None.

RAILROAD COMMUNICATION SYSTEM PROJECT - FY2017

BUDGET:



	(a)	(b)	(c)	(d)	(e) = (a - d)
	Current Board Approved Budget	Expended to Date	Committed to Date	Estimate at Completion	Variance at Completion
Total Project	\$442,000	\$24,106	\$354,962	\$442,000	\$0



Issues:

- (1) Current funding is for design only.
- (2) Funding is limited to Design and Procurement. Construction work will be performed under a different and separate project due to funding.

SAFETY:



No incidents reported this quarter.

RIGHT OF WAY FENCING PROJECT

SCOPE



SCHEDULE



BUDGET/COST



SAFETY

**SCOPE:**

This project is a part of the ongoing program to keep Caltrain's fencing in a State of Good Repair (SOGR). The goal of this project is to reduce trespassing on the Caltrain right of way by installing fence on at least one side of the property between San Francisco MP 0.2 to Lick MP 52.

Caltrain will install vandal resistant fencing at key locations along the main line rail corridor to deter trespassing. This work will include a base contract and three optional contracts which may be exercised with the General Manager's approval. These contracts includes site clearing, fence demolition, fence installation and vegetation removal.

Issues:

The current scope is for the base contract and option 1 only.

SCHEDULE:

Activity ID	Activity Description	Start	Finish	2016				2017				2018				2019		
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
100053 - Right of Way Fencing Project		02-Jun-16 A	15-Jul-19															
Construction (Base)		02-Jun-16 A	31-Mar-18 A															
Construction (Option 1)		16-Apr-18 A	15-Apr-19															
Project Close Out		16-Apr-19	15-Jul-19															

Progress:

Jul - Sep 2018 (1) Continued option 1 fencing work.

Future**Activities:**

Oct - Dec 2018 (1) Continue option 1 fencing work.

Issues:

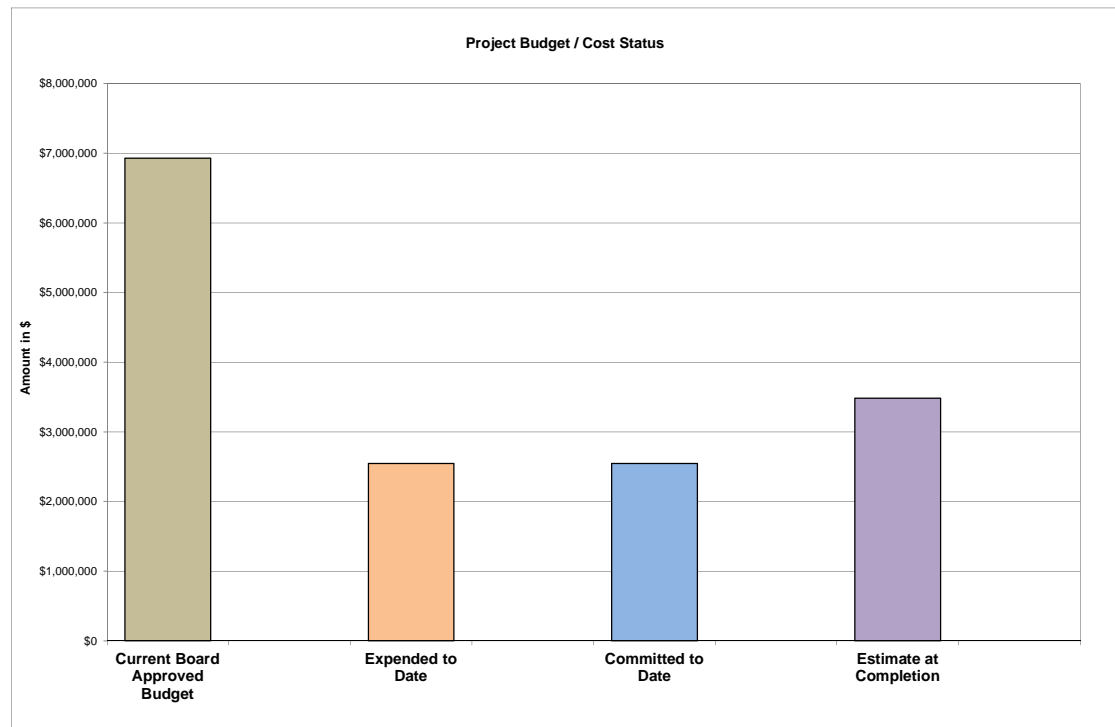
Schedule dates are for the base contract and option 1 only.

RIGHT OF WAY FENCING PROJECT

BUDGET:



	(a)	(b)	(c)	(d)	(e) = (a - d)
	Current Board Approved Budget	Expended to Date	Committed to Date	Estimate at Completion	Variance at Completion
Total Project	\$6,927,958	\$2,547,576	\$2,547,576	\$3,481,026	\$3,446,932



Issues: Current Board approved budget reflects total authorized budget through option 3. The committed and estimate at completion currently reflect the base contract and option 1. As the contract options are executed these values will be revised.

SAFETY:



No incidents reported this quarter.

SANTA CLARA COUNTY GRADE CROSSING MEDIANS PROJECT

SCOPE



SCHEDULE



BUDGET/COST



SAFETY

**SCOPE:**

This project will install medians at five grade crossings in Santa Clara County (MP 31 to MP 49) including Churchill Avenue, East Meadow Avenue, Sunnyvale Avenue, Auzerias Avenue and Virginia Street.

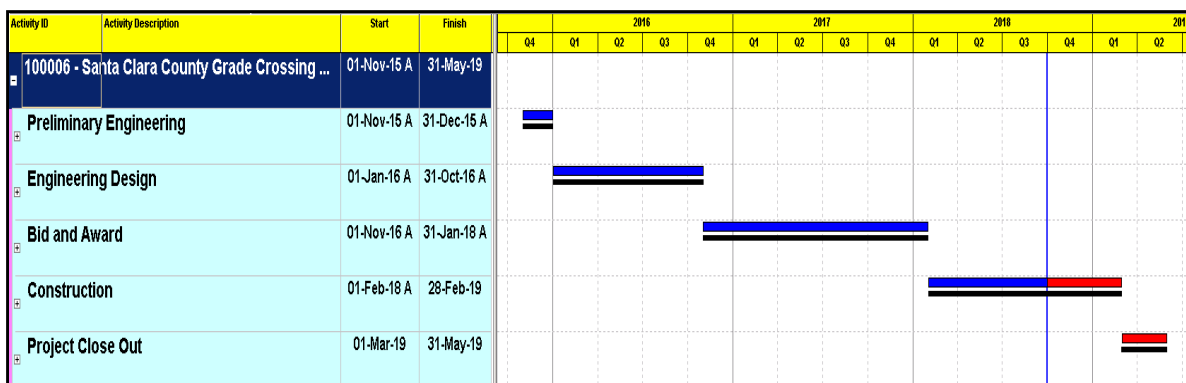
The project will be conducted in two phases:

PHASE I: will analyze the feasibility of installing medians (or other means to prevent vehicles from crossing the railroad tracks when the crossing gates are down) at the grade crossings identified above in Santa Clara County. Investigate items needed to install safety medians at the grade crossings.

PHASE II: will incorporate the recommendations of Phase I, refine the project schedule & estimate and develop associated construction documents for installation.

Issues:

Santa Clara County Grade Crossing Medians construction contract has been combined with Grade Crossing Improvement Project – FY2016 for administrative efficiency.

SCHEDULE:**Progress:**

Jul - Sep 2018

- (1) Installed the medians at Churchill and E. Meadow in Palo Alto.
- (2) Installed the median at Sunnyvale Ave. in Sunnyvale.
- (3) Installed the medians at Auzerais and W. Virginia crossings in San Jose.
- (4) Completed the striping at Auzerais and W. Virginia crossings.
- (5) Installed flexible bollards on the medians in Palo Alto.
- (6) Worked with the city of San Jose to create a punchlist. Construction is completed except for the punchlist items.

Future**Activities:**

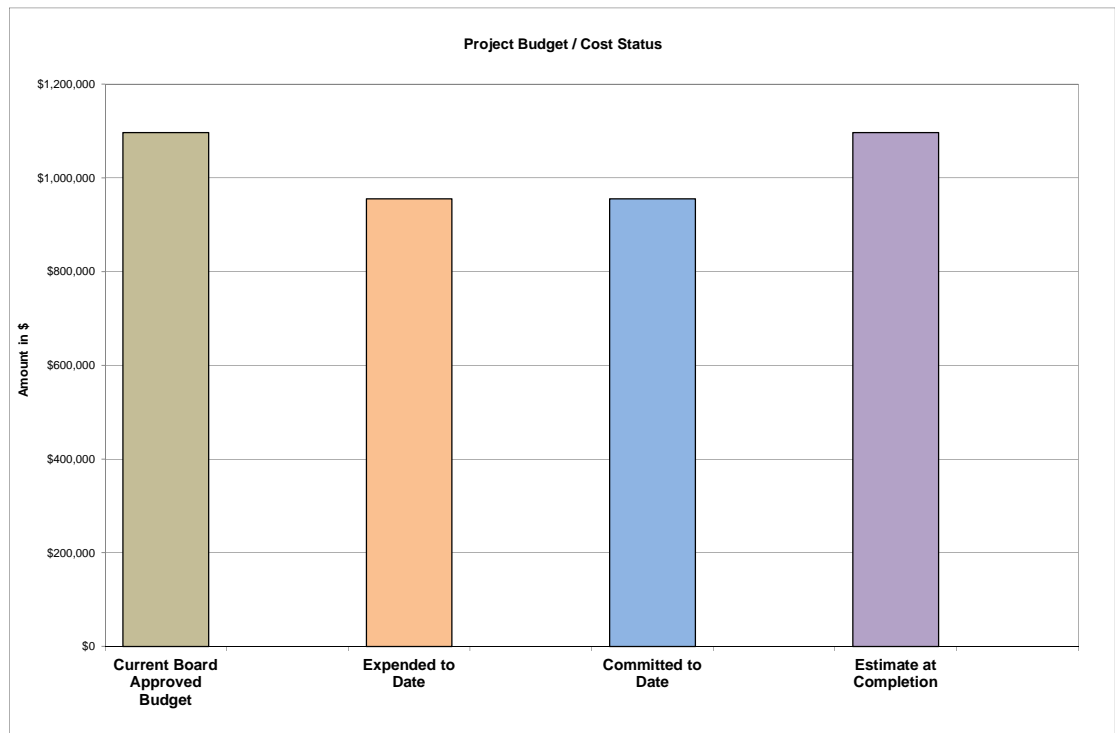
Oct - Dec 2018 (1) Begin work on punchlist items.

Issues:

None.

SANTA CLARA COUNTY GRADE CROSSING MEDIANS PROJECT**BUDGET:**

	(a)	(b)	(c)	(d)	(e) = (a - d)
	Current Board Approved Budget	Expended to Date	Committed to Date	Estimate at Completion	Variance at Completion
Total Project	\$1,097,000	\$955,453	\$955,453	\$1,097,000	\$0

**Issues:** None.**SAFETY:**

No incidents reported this quarter.

SOUTH SAN FRANCISCO STATION IMPROVEMENT PROJECT

SCOPE



SCHEDULE



BUDGET/COST



SAFETY



SCOPE:



This project will replace the existing South San Francisco Station. The scope includes track work, signal work, a new 700 foot center board platform with new amenities, new shuttle drop-off, and connectivity to a new pedestrian underpass from the platform to Grand Avenue/Executive Drive. This project will improve safety by eliminating the hold out rule; in addition, the project provides connectivity along Grand Avenue for the City of South San Francisco (CSSF).

Key elements of the project include:

1. New center platform.
2. New at-grade pedestrian crossing at the north end of station.
3. New pedestrian underpass at the south end of the station.
4. New pedestrian plaza area at west and east end of the pedestrian underpass.
5. Inclusion of CSSF design modifications for the west and east plaza and ramps.
6. Funding of UPRR for replacement of tracks being removed as part of this project.

Issues:

None.

SCHEDULE:



Activity ID	Activity Description	Start	Finish	2015				2016				2017				2018				2019				2020			
				Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
02146 - South San Francisco Improvement Project		01-Apr-15 A	30-Nov-20																								
Engineering Design		01-Apr-15 A	17-Mar-17 A																								
Contracts & Procurement (C&P)		18-Mar-17 A	06-Oct-17 A																								
Construction		09-Oct-17 A	31-Jul-20																								
Project Close Out		01-Aug-20	30-Nov-20																								

Progress:

Jul - Sep 2018

- (1) Continued construction coordination activities with third party utilities that need to be relocated.
- (2) Continued coordination with electrification on site access for Traction Power Substation (TPSS) construction.
- (3) Continued Coordination with Caltrain fiber relocation.
- (4) Postponed excavation for parking lot retaining wall.
- (5) Clarified design issues for west platform construction (Fire Suppression/Bonding-Grounding).
- (6) Partially suspended contractor due to late utility relocation.
- (7) Revised OCS foundation layout per electrification's request.
- (8) Relocated Gas line along Poletti way to accommodate street improvements.
- (9) Received board approval for increase in contract authority.

Future

Activities:

Oct - Dec 2018

- (1) Mobilize Third Party Utilities on-site to relocate utilities.
- (2) Continue coordination with electrification on site access for TPSS construction.
- (3) Resolve design issues for west platform construction.
- (4) Complete parking lot retaining wall.
- (5) Advance street improvement work at Poletti way .

Issues:

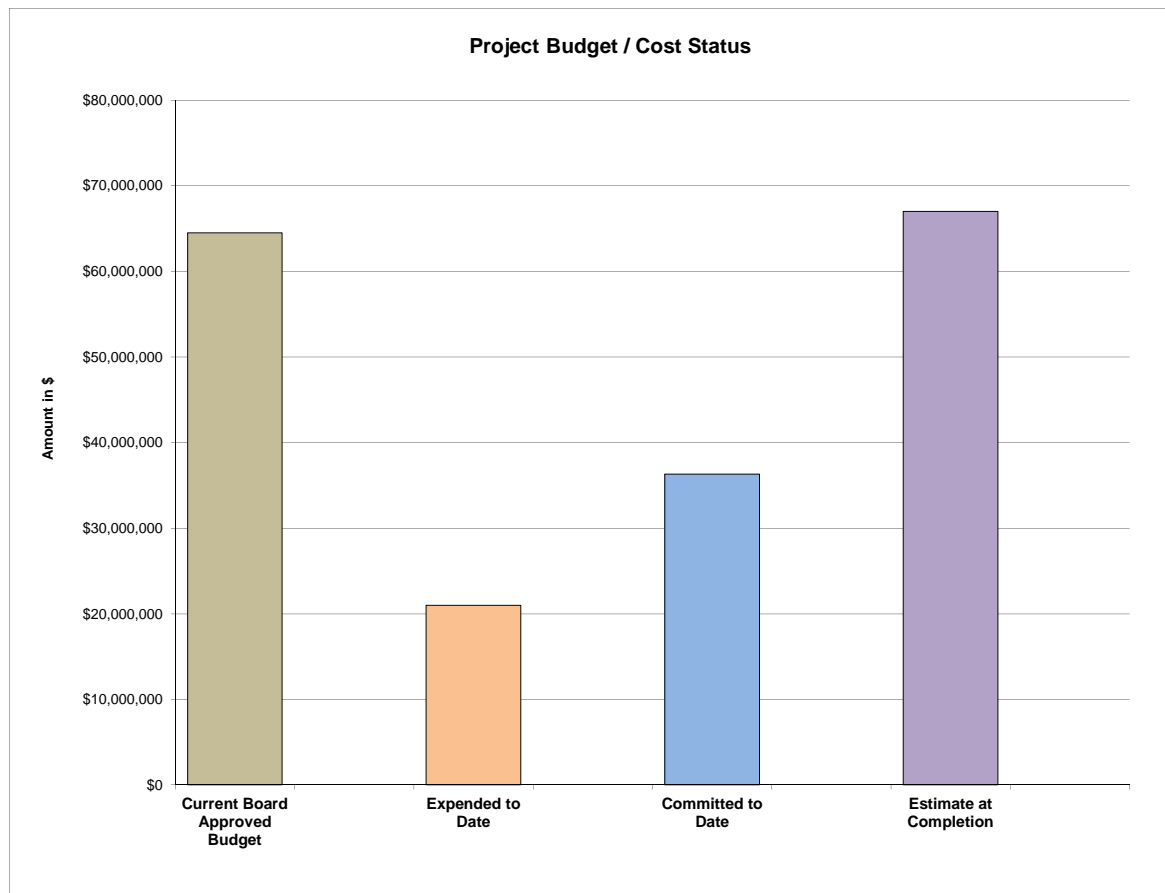
- (1) Project completion extended to July 2020 and OCS Foundation milestone extended to October 2019 due to construction suspension of critical path activities until April 2019 that was caused by delays in Caltrans permitting and its impact to commencement of 3rd party utility relocation.
- (2) Construction Change Order (CCO) related to time extension has been approved. Project schedule will be re-baselined in next quarterly report.

SOUTH SAN FRANCISCO STATION IMPROVEMENT PROJECT

BUDGET:



	Current Board Approved Budget	Expended to Date	Committed to Date	Estimate at Completion	Variance at Completion
Project Total	\$64,500,000	\$20,993,313	\$36,310,253	\$67,000,000	(\$2,500,000)



Issues:

- (1) The variances between the EAC and Current Budget is due to 3rd Party Utility Relocation costs being higher than originally estimated and due to delay costs associated the delays with the Caltrans permitting.
- (2) \$1.3M of funding was approved by the board and has been included this quarter.

SAFETY:



Three incidents were reported this quarter.

- 1) Operator was using a loader and struck the end of a switch tie with the bucket. There was minor damage to the end of the switch tie.
No impact to signal system or train operations.
- 2) Operator was backfilling conduit in a trench when the excavator got too close to the edge and fell into the trench.
No injuries or damage occurred.
- 3) Operator was potholing for OCS foundations. The operator got off the excavator to get materials and the excavator was too close to the hole and tipped over.
No injuries or damage occurred

SOUTH TERMINAL PHASE II PROJECT (Preliminary Design/Environmental Clearance)

SCOPE



SCHEDULE



BUDGET/COST



SAFETY

**SCOPE:**

This project will include planning, design and construction of a 4th mainline track, new signal controls, and new cross overs and slip switches, between the south end of Centralized Equipment Maintenance and Operation Facility (CEMOF) and the north end of the South Terminal Diridon Station.

The purpose of this additional track is to increase corridor flexibility and capacity, increase reliability of service which will allow more frequent non-revenue operations between the South Terminal and CEMOF.

Issues:

Current scope is for Preliminary Engineering in support of obtaining environmental clearance.

SCHEDULE:

Activity ID	Activity Description	Start	Finish	2015				2016				2017				2018				
				Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
002055 - South Terminal Phase II		02-Feb-15 A	30-Nov-18																	
Preliminary Engineering		02-Feb-15 A	30-Nov-18	<div><div></div><div></div></div>																

Progress:

Jul - Sep 2018

- (1) FTA received concurrence from SHPO.
- (2) Awaiting for NEPA clearance.

Future**Activities:**

Oct - Dec 2018

- (1) FTA to move forward with the review of Documented Categorical Exclusion (DCE) submittal.
- (2) Receive NEPA clearance.

Issues:

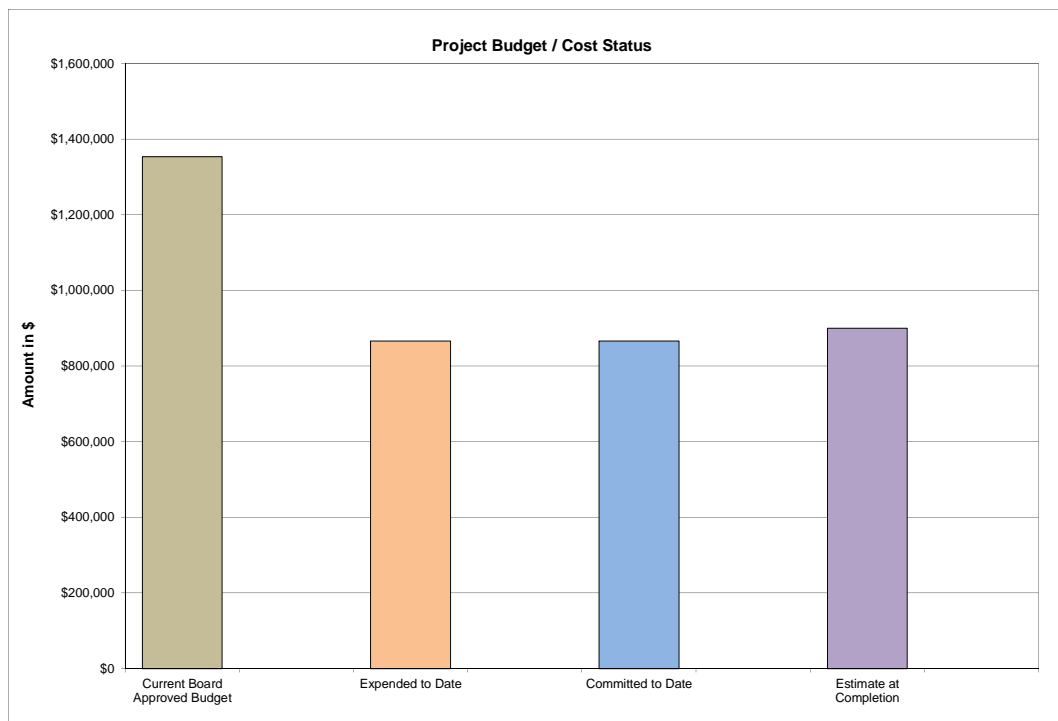
Preliminary Engineering extended to reflect the additional time to acquire NEPA Clearance based on new questions raised by the FTA and requirements from FTA for a JPB/State Historic Preservation Officers (SHPO) programmatic agreement.

SOUTH TERMINAL PHASE II PROJECT

(Preliminary Design/Environmental Clearance)

BUDGET:

	(a)	(b)	(c)	(d)	(e) = (a - d)
	Current Board Approved Budget	Expended to Date	Committed to Date	Estimate at Completion	Variance at Completion
Total Project	\$1,353,236	\$866,030	\$866,030	\$900,000	\$453,236



Issues: None.

SAFETY:

No incidents reported this quarter.

STATION ENHANCEMENT AND RENOVATION

SCOPE



SCHEDULE



BUDGET/COST



SAFETY



SCOPE: This project will include the following elements of work:



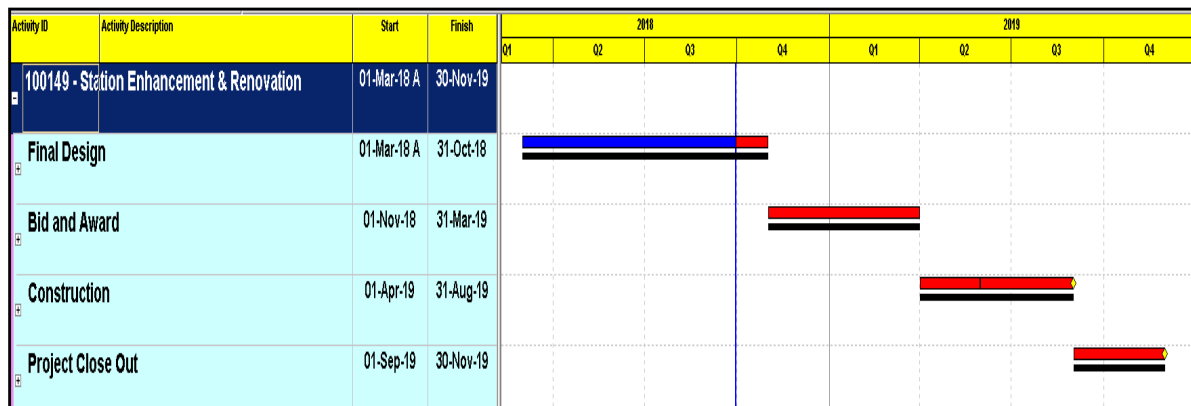
- San Francisco Restroom Renovation: The San Francisco Station restrooms have been subject to many years of abuse and vandalism. The project would include a full restoration of the restrooms with modern vandal resistant fixtures and finishes.

Subject to availability of funds, the following tasks may also be performed within the scope of this project:

- San Francisco Station Building Corrosion Study and Plan.
- San Francisco Crew Quarters and Tower Painting.
- Emergency Transfer Switches at Stations.

Issues: None.

SCHEDULE:



Progress:

Jul - Sep 2018

- (1) Began developing Scope of Work.
- (2) Setup site visit with designer and its sub-contractors.

Future

Activities:

Oct - Dec 2018

- (1) Setup meeting with all stakeholders including Transit Police and TASI.
- (2) Complete final design.

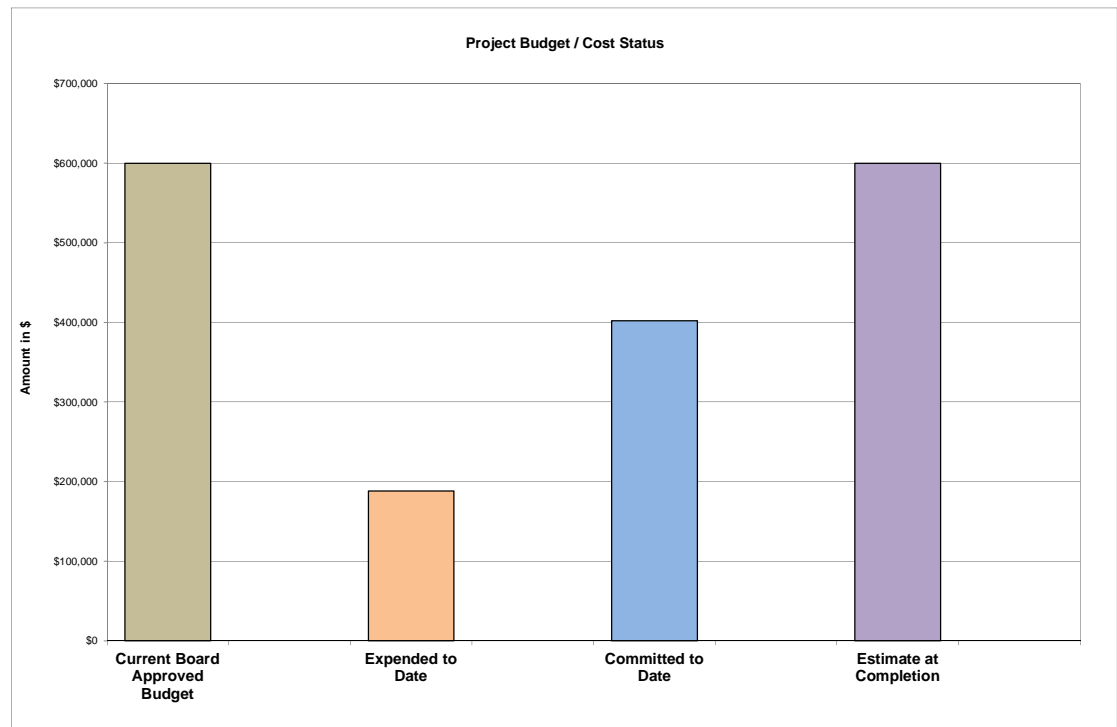
Issues: None.

STATION ENHANCEMENT AND RENOVATION

BUDGET:



	(a)	(b)	(c)	(d)	(e) = (a - d)
	Current Board Approved Budget	Expended to Date	Committed to Date	Estimate at Completion	Variance at Completion
Total Project	\$600,000	\$188,301	\$402,103	\$600,000	\$0



Issues: Additional Board approved funding is needed.

SAFETY:



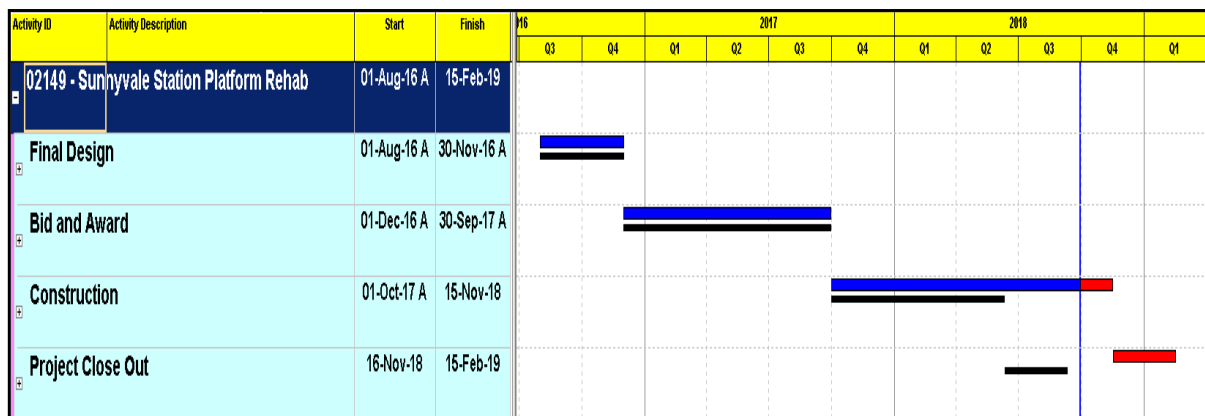
No incidents reported this quarter.

SUNNYVALE STATION PLATFORM REHABILITATION PROJECT

**SCOPE:**

This project will reconstruct a portion of both existing platforms at Sunnyvale Station. Due to differential settlement the pavers used in the original construction are creating multiple tripping hazards. The reconstruction will remove the existing pavers, backfill and prepare the subgrade, insert #4 rebar into the existing concrete slabs and place new tinted concrete that will be stamped with a smooth finish similar to what was done at the Burlingame Station.

Issues: None.

SCHEDULE:**Progress:**

Jul - Sep 2018 (1) Continued replacing platform.

Future**Activities:**

Oct - Dec 2018 (1) Continue replacing platform.
 (2) Begin extending walk way for new pedestrian crossing.

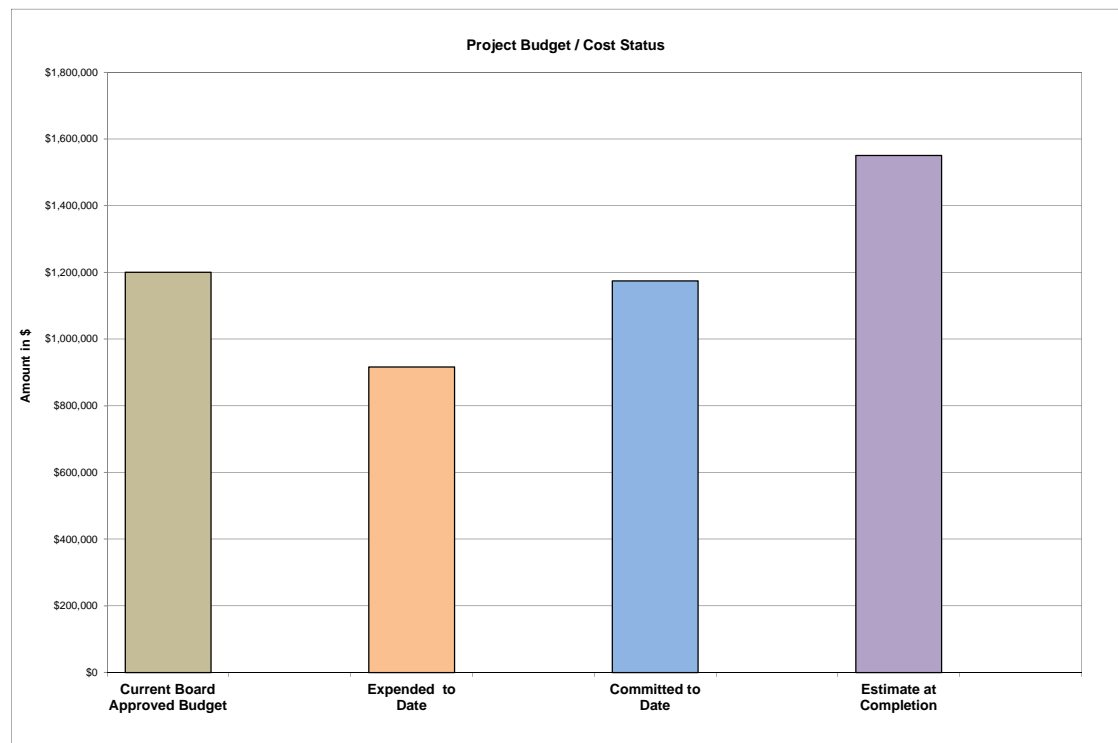
Issues: Schedule was extended due to work suspension associated with grounding requirements for Electrification.

SUNNYVALE STATION PLATFORM REHABILITATION PROJECT

BUDGET:



	(a)	(b)	(c)	(d)	(e) = (a - d)
	Current Board Approved Budget	Expended to Date	Committed to Date	Estimate at Completion	Variance at Completion
Total Project	\$1,200,000	\$916,430	\$1,174,648	\$1,551,000	(\$351,000)



Issues: Estimate at Completion is being reviewed. Additional Board approved budget might be needed.

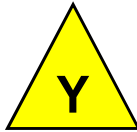
SAFETY:



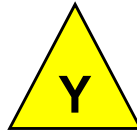
No incidents reported this quarter.

SYSTEMWIDE SIGNAL SYSTEM REHABILITATION PROJECT - FY2016

SCOPE



SCHEDULE



BUDGET/COST



SAFETY



SCOPE: This project scope includes the following tasks:



1. Procure and replace incandescent crossing gate lights with LEDs.
2. Replace gate mechanisms at eight grade crossings.
3. Investigate the synchronization issues between the railroad signals in the field and the dispatch software.

Issues: Synchronization study may be removed from project scope, due to change from ATCS to MPLS line per Railroad Systems Engineering.

SCHEDULE:



Activity ID	Activity Description	Start	Finish	2018						2019		
				Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
100003 - FY2016 Systemwide Signal System R...		04-Aug-17 A	31-Jul-19									
	Bid and Award	04-Aug-17 A	29-Nov-17 A									
	Construction	30-Nov-17 A	30-Apr-19									
	Study	23-Aug-17 A	31-Mar-19									
	Project Close Out	01-May-19	31-Jul-19									

Progress:

Jul - Sep 2018

- (1) Synchronization study continued to be on hold to explore other options.
- (2) Installation of gate mechanisms was put on hold to allow TASI personnel work on higher priority capital projects.

Future

Activities:

Oct - Dec 2018

- (1) Continue exploring other options for signal synchronization.
- (2) Begin installation of gate mechanisms.

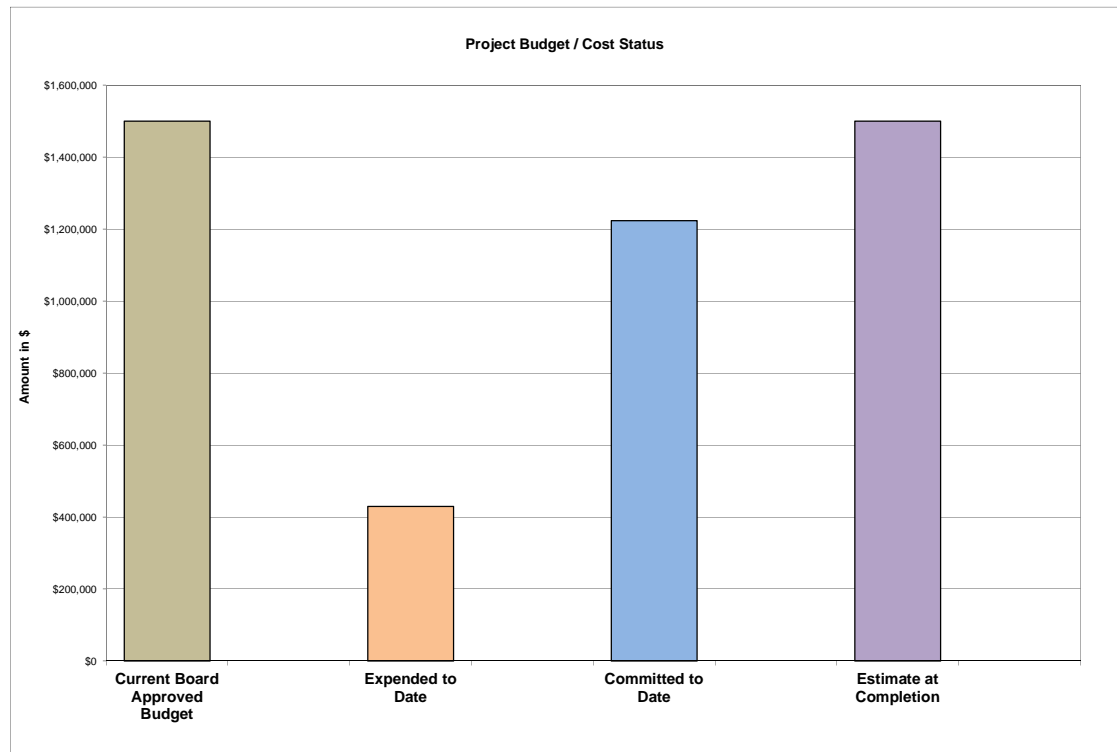
Issues: Schedule delay is due to redirection of TASI personnel working on higher priority capital projects.

SYSTEMWIDE SIGNAL SYSTEM REHABILITATION PROJECT - FY2016

BUDGET:



	(a)	(b)	(c)	(d)	(e) = (a - d)
	Current Board Approved Budget	Expended to Date	Committed to Date	Estimate at Completion	Variance at Completion
Total Project	\$1,500,000	\$429,436	\$1,223,807	\$1,500,000	\$0



Issues: None.

SAFETY:



No incidents reported this quarter.

SYSTEMWIDE SIGNAL SYSTEM REHABILITATION PROJECT - FY2017

SCOPE



SCHEDULE



BUDGET/COST



SAFETY

**SCOPE:**

Procure 22 switch kits to retrofit 15 existing air switch machines in San Francisco Yard and seven M23 switch machines on the Right of Way in order to reduce operational delays resulting from switch failures.

Issues:

None.

SCHEDULE:

Activity ID	Activity Description	Start	Finish	2018					
				Q4	Q1	Q2	Q3	Q4	Q1
100148 - FY2017 Signal Rehab SOGR		17-Nov-17 A	28-Feb-19						
	Bid and Award	17-Nov-17 A	17-Nov-17 A						
	Construction	01-Dec-17 A	01-Dec-18						
	Project Close Out	02-Dec-18	28-Feb-19						

Progress:

Jul - Sep 2018

- (1) Completed receipt of switch kits.
- (2) Began field work and rehabilitation of switch machines.

Future**Activities:**

Oct - Dec 2018

- (1) Continue field work and rehabilitation of switch machines.
- (2) Begin project closeout.

Issues:

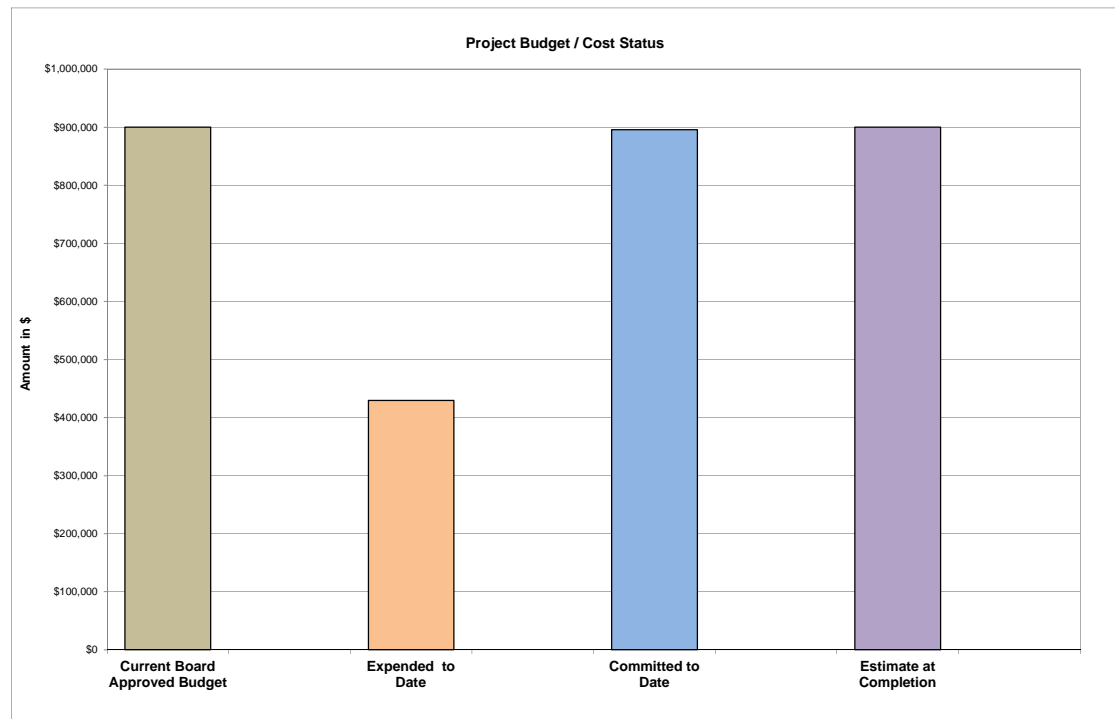
None.

SYSTEMWIDE SIGNAL SYSTEM REHABILITATION PROJECT - FY2017

BUDGET:



	(a)	(b)	(c)	(d)	(e) = (a - d)
	Current Board Approved Budget	Expended to Date	Committed to Date	Estimate at Completion	Variance at Completion
Total Project	\$900,000	\$429,679	\$895,731	\$900,000	\$0



Issues: None.

SYSTEMWIDE STATION IMPROVEMENTS PROJECT – FY2016

SCOPE



SCHEDULE



BUDGET/COST



SAFETY



SCOPE: This project provides improvements at various passenger stations along the Caltrain right of way.



The project is divided into the following three modules :

1. Module 75 - San Francisco 4th & King Station Floor Rehabilitation. (Complete)
2. Module 76 - San Carlos Station LED Replacement. (Complete)
3. Module 77 - Redwood City Station LED Replacement.

Issues: None.

SCHEDULE:



Activity ID	Activity Description	Start	Finish	2017				2018				2019	
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
100001 - FY2016 Systemwide Station Improve...		01-Jan-17 A	30-Jun-19										
Final Design		01-Jan-17 A	15-Feb-17 A										
Bid and Award		16-Feb-17 A	15-Mar-17 A										
Construction		16-Mar-17 A	31-Mar-19										
Project Close Out		01-Apr-19	30-Jun-19										

Progress:

Jul - Sep 2018 (1) Worked with Contracts and Procurement and finalized LED replacement procurement methodology.

Future

Activities:

Oct - Dec 2018 (1) Proceed with proposed LED replacement procurement methodology.
(2) Award contract for LED replacement.

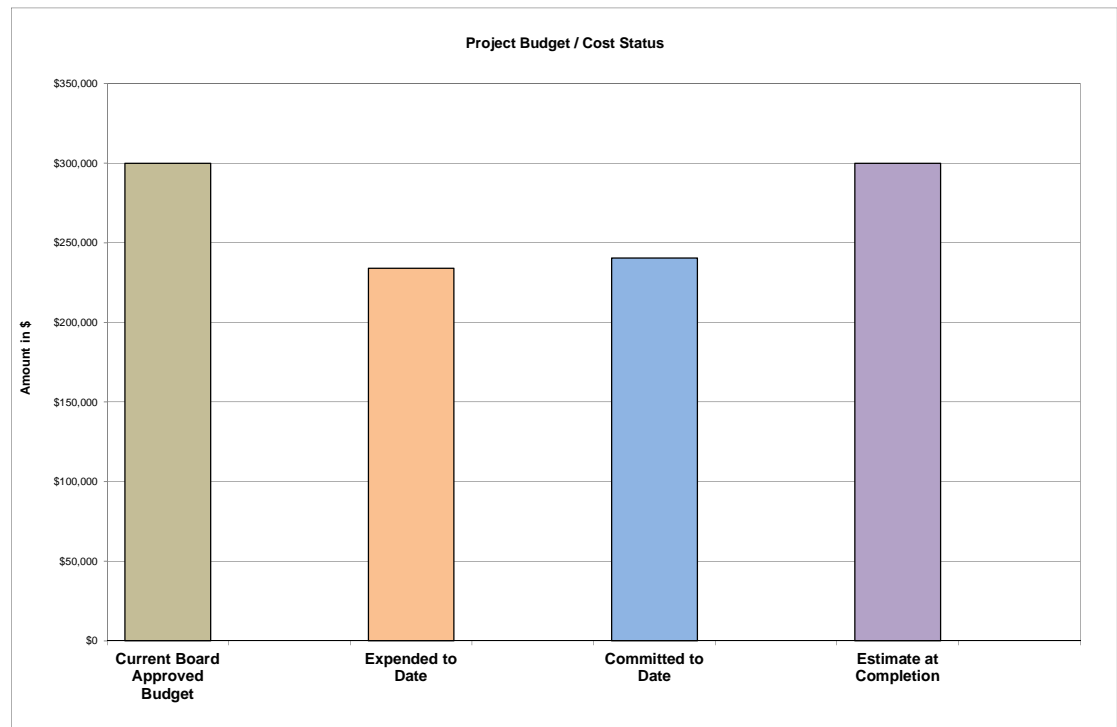
Issues: Schedule delay is due to resource constraints.

SYSTEMWIDE STATION IMPROVEMENTS PROJECT – FY2016

BUDGET:



	(a)	(b)	(c)	(d)	(e) = (a - d)
	Current Board Approved Budget	Expended to Date	Committed to Date	Estimate at Completion	Variance at Completion
Total Project	\$300,000	\$234,023	\$240,442	\$300,000	\$0



Issues: None.

BUDGET:



No incidents reported this quarter.

SYSTEMWIDE STATION IMPROVEMENTS PROJECT - FY2017



SCOPE: This project provides improvements at various passenger stations along the Caltrain right of way.

The project includes the following modules :

Module 91 - Replace Information Display Cases – continue with priority list. (Complete)

Module 92 - Install additional bike racks – San Antonio. (Complete)

Module 93 - Retrofit existing lights with LEDs – Hayward Park Station.

Module 94 - Replace Center Track Fence – 22nd Street Station.

Issues: None.

SCHEDULE:

Activity ID	Activity Description	Start	Finish	2017		2018				2019	
				Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
100150 - FY2017 Systemwide Station Improvements Project		01-Aug-17 A	31-Mar-19								
Final Design		01-Aug-17 A	31-Jul-18 A								
Bid and Award		01-Oct-17 A	31-Oct-18								
Construction		01-Nov-17 A	31-Dec-18								
Project Close Out		01-Jan-19	31-Mar-19								

Progress:

Jul - Sep 2018 (1) Worked with Contracts and Procurement (C&P) and finalized LED replacement procurement methodology.

Future**Activities:**

Oct - Dec 2018 (1) Proceed with proposed LED replacement procurement methodology.
(2) Complete construction activities.

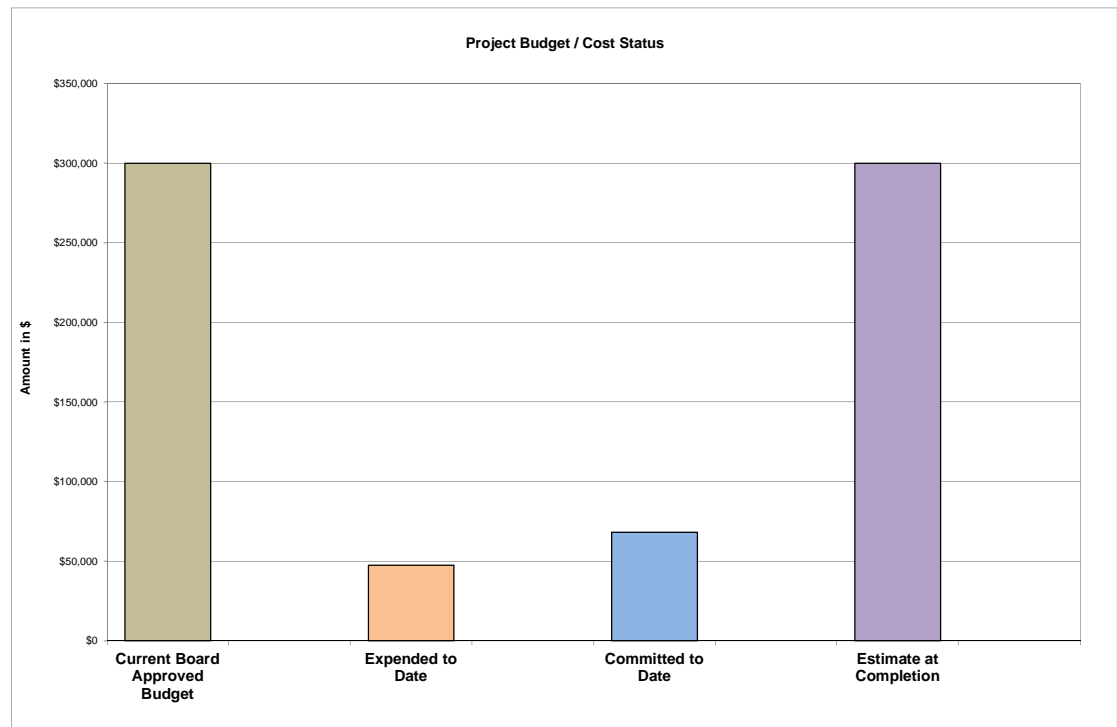
Issues: None.

SYSTEMWIDE STATION IMPROVEMENTS PROJECT - FY2017

BUDGET:



	(a)	(b)	(c)	(d)	(e) = (a - d)
	Current Board Approved Budget	Expended to Date	Committed to Date	Estimate at Completion	Variance at Completion
Total Project	\$300,000	\$47,539	\$68,178	\$300,000	\$0



Issues: None.

SAFETY:



No incidents reported this quarter.

SYSTEMWIDE TRACK REHABILITATION PROJECT - FY2017

SCOPE



SCHEDULE



BUDGET/COST



SAFETY



SCOPE:



The System Wide Track Rehabilitation Program covers the work required to keep the Caltrain railroad in a state of good repair. The type and scope of work scheduled for each fiscal year is based upon the condition of the railroad as reflected in Caltrain's State of Good Repair database. This database is updated regularly with input from track inspections and tests that are performed throughout the year. Each fiscal year, a new project is set up to cover the track work performed that year. The scope proposed for FY2017 system wide track rehabilitation includes the following:

1. Replace stock rails points and frogs on as-needed.
2. Perform 100 welds approximately 50 in the removal of bonded insulated joints – about 50 locations and 50 welds in the welding of replaced stock rails, points and frogs for a total of 100 welds.
3. Replacement of standard ties on mainline tracks, approximately 1,500 ties.
4. Replacement of 200 switch ties on main tracks and yards.
5. Surfacing 30 miles of curve and tangent track, and 25 turn outs, various locations determined by geometry car inspections and field track inspections.
6. Upgrade and maintain rail lubricators.
7. Purchase of small tools and equipment required for track maintenance activities.
8. Work in South San Francisco yard, billable to UP.
9. Repair track and station platforms at College Park Station.
10. Minor repairs to bridges, culverts and structures – per annual inspection needs.
11. Leased facilities, purchase and rental equipment.
12. Purchased services – rail detector, geometry inspections, weed abatement etc.

Issues:

None.

SCHEDULE:



Activity ID	Activity Description	Start	Finish	2018				
				Q2	Q3	Q4	Q1	Q2
100145 - FY2017 Systemwide Track Rehabilitation Project		01-Apr-18 A	30-Apr-19					
Construction		01-Apr-18 A	31-Jan-19					
Project Close Out		01-Feb-19	30-Apr-19					

Progress:

Jul - Sep 2018

- (1) Surfaced 4.2 miles of main line track.
- (2) Stabilized 4.2 miles of track
- (3) Regulated 4.2 miles of ballast.
- (4) Built up 33frog inserts.
- (5) Ground 83 switches.
- (6) Performed 20 thermite welds.
- (7) Installed 19 pandrols.
- (8) Changed out 554 feet of rail.

- (9) FRA conducted six site visits.
- (10) Installed 87 cross ties.
- (11) Installed 13 switch ties.
- (12) Performed ultrasonic (UT) hyrail inspection.
- (13) Performed ultrasonic (UT) weld testing.
- (14) Performed tree trimming.
- (15) Performed fencing installation.

Future

Activities:

Oct - Dec 2018

- (1) Continue ongoing maintenance work.

Issues:

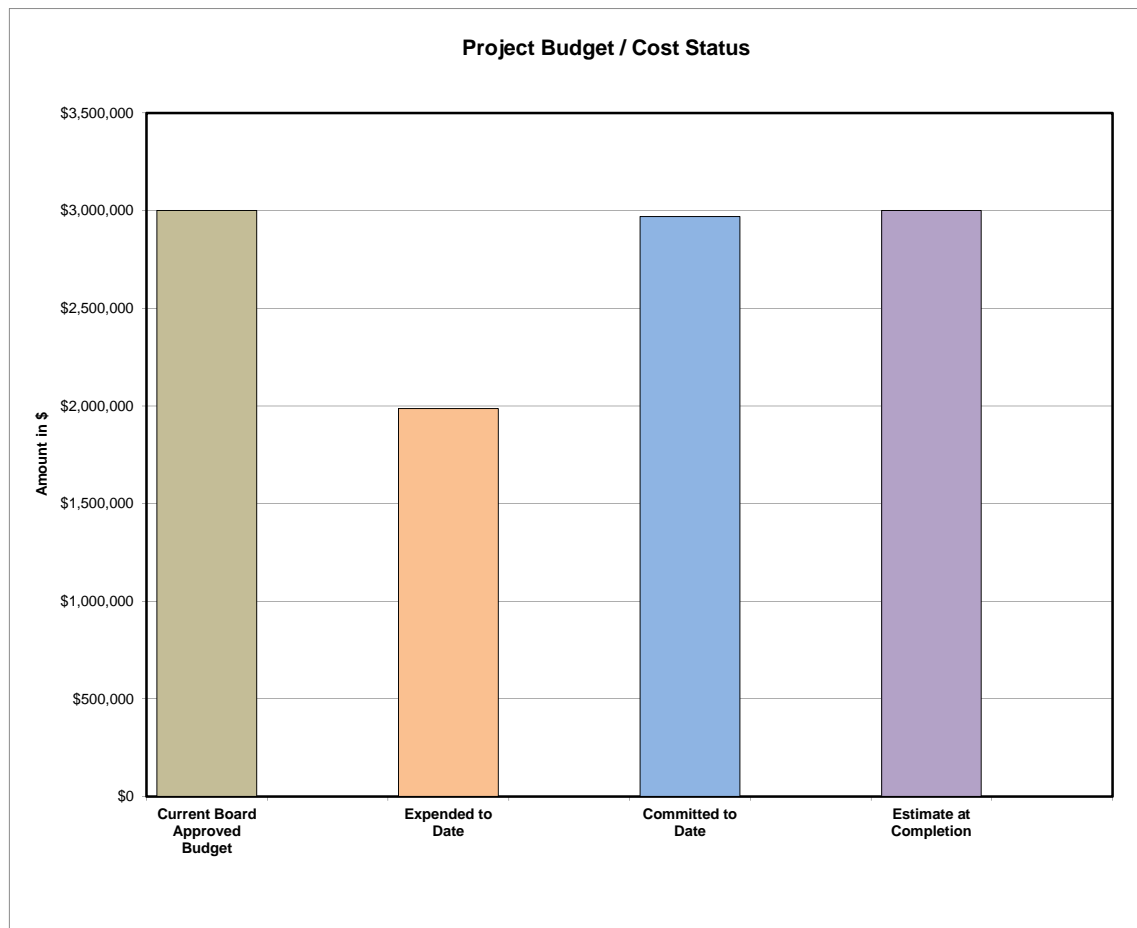
None.

SYSTEMWIDE TRACK REHABILITATION PROJECT - FY2017

BUDGET:



	(a)	(b)	(c)	(d)	(e) = (a - d)
	Current Board Approved Budget	Expended to Date	Committed to Date	Estimate at Completion	Variance at Completion
Project Total	\$3,000,000	\$1,986,259	\$2,969,383	\$3,000,000	\$0



Issues: None.

SAFETY:



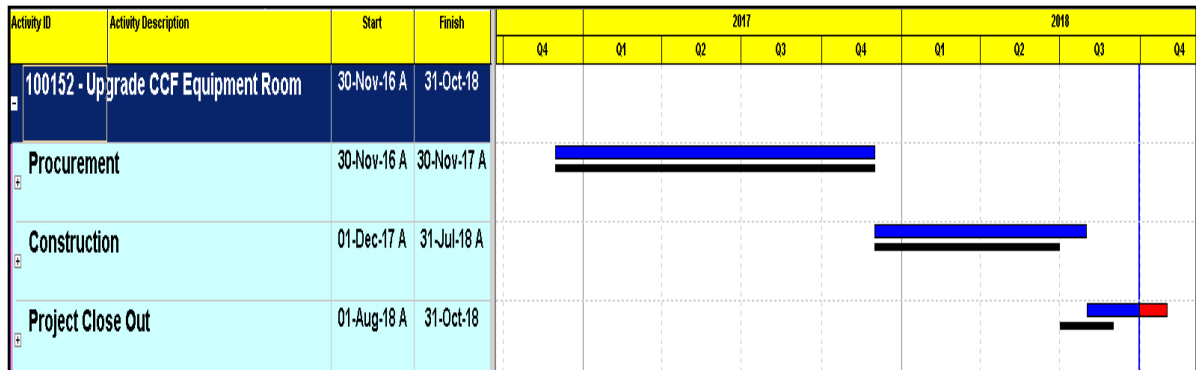
No incidents reported this quarter.

UPGRADE CCF EQUIPMENT ROOM COOLING PROJECT

**SCOPE:**

This project will provide larger A/C equipment and high temperature alarms at Central Control Facility (CCF). Currently, the HVAC system in the CCF equipment room does not have adequate capacity for existing or future equipment, redundancy, or alarming.

Issues: None.

SCHEDULE:**Progress:**

Jul - Sep 2018 (1) Completed construction phase, with contractor's installation of HVAC equipment at the CCF Building (interior and exterior areas).
 (2) Initiated project close-out activities (including system testing, training and documentation).

Future**Activities:**

Oct - Dec 2018 (1) Complete project close-out activities (including system testing, training and documentation).

Note: This will be the last report for the project.

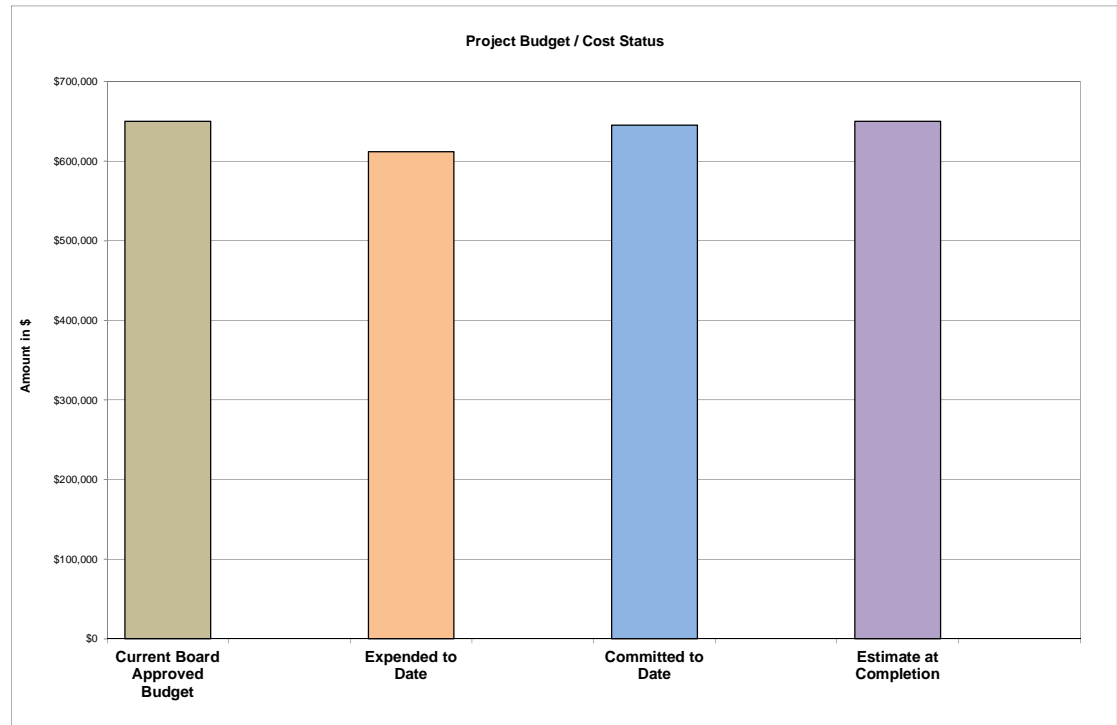
Issues: None.

UPGRADE CCF EQUIPMENT ROOM COOLING PROJECT

BUDGET:



	(a)	(b)	(c)	(d)	(e) = (a - d)
	Current Board Approved Budget	Expended to Date	Committed to Date	Estimate at Completion	Variance at Completion
Total Project	\$650,000	\$612,041	\$645,206	\$650,000	\$0



Issues: None.

SAFETY:



No incidents reported this quarter.

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Caltrain

Disadvantaged Business Enterprise (DBE)

Quarterly Status Report

Based on Contracts through 4th Quarter Federal Fiscal Year 2018
October 1, 2017 to September 30, 2018

The following is a summary of Caltrain's Federal Fiscal Year to date DBE Status:

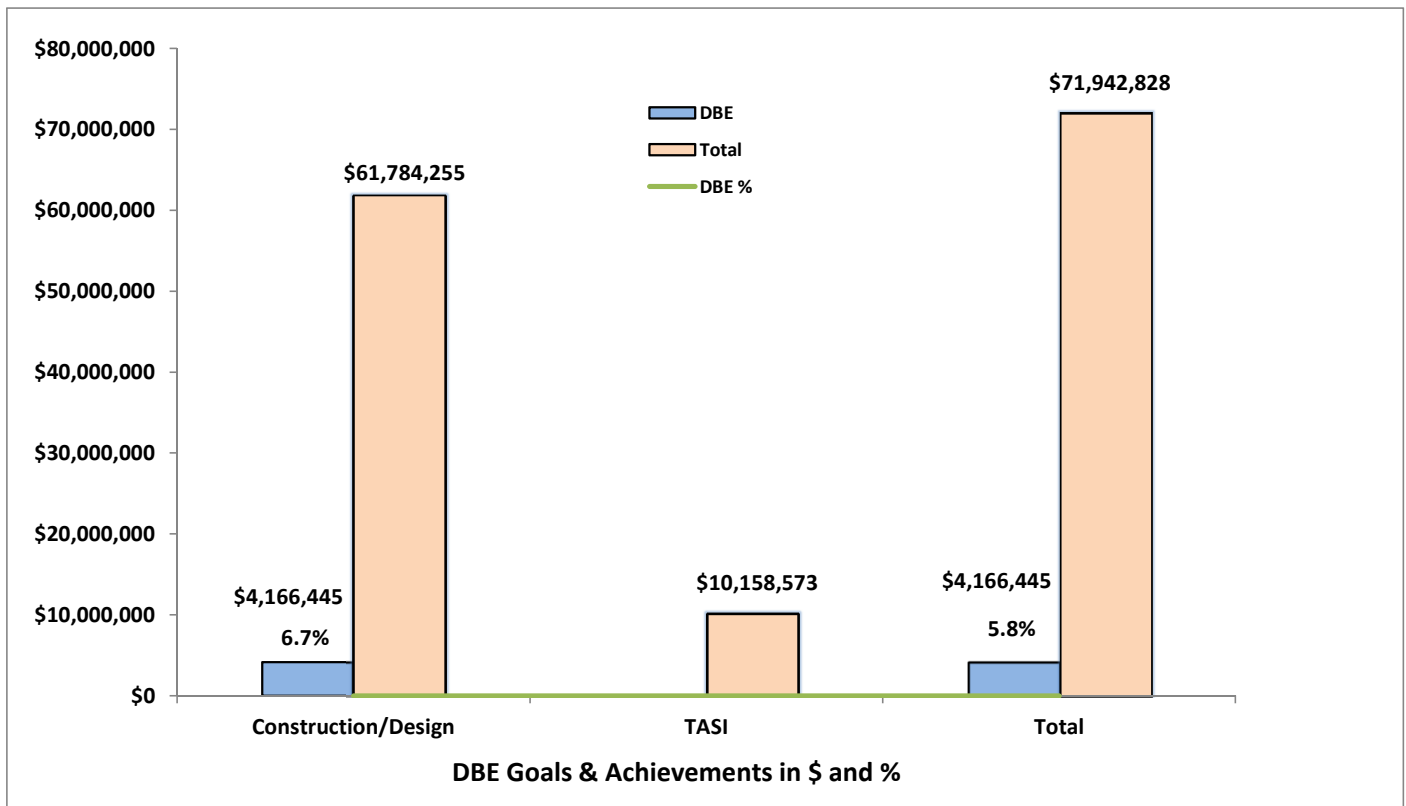
<u>Contract Type</u>	<u>Total Contracts Awarded</u>	<u>DBE Contracts Awarded</u>	<u>% DBE Awarded</u>
Construction/Design Contracts (1)	\$61,784,255	\$4,166,445	6.7%
TASI Contracts	\$10,158,573	\$0	0.0%
Total	\$71,942,828	\$4,166,445	5.8%

Overall Annual Goal in % **14.0%**

% Over/(Under) Goal **-8.2%**

(1) Also includes On-Call Consultants, Rent and Misc. Contracts.

*Contract-Specific DBE goals will be instituted on upcoming Capital Projects to increase DBE utilization.



Definition of Terms

Committed to Date – The encumbered amount of work directives, contracts, and purchase orders plus any non PO related expenditures.

Current Board Approved Budget – The original budget plus approved budget changes.

Estimate at Completion (EAC) – The estimated final cost of the project.

Expended to Date – The project costs that have been recorded in the financial system plus the accrual cost of work performed through the current period.

Variance at Completion – The difference between the Current Board Approved Budget and the EAC. A positive value reflects a potential underrun whereas a negative amount indicates a possible overrun.

Performance Status (Traffic Light) Criteria

SECTIONS	On Target (GREEN)	Moderate Risk (YELLOW)	High Risk (RED)
1. SCOPE	<p>(a) Scope is consistent with Budget or Funding.</p> <p>(b) Scope is consistent with other projects.</p> <p>(c) Scope change has been mitigated.</p>	<p>(a) Scope is NOT consistent with Budget or Funding.</p> <p>(b) Scope appears to be in conflict with another project.</p> <p>(c) Scope changes have been proposed.</p>	<p>(a) Significant scope changes / significant deviations from the original plan.</p>
2. BUDGET	<p>(a) Estimate at Completion is within plus /minus 5% of the Current Board Approved Budget.</p>	<p>(a) Estimate at Completion exceeds the Current Board Approved Budget by 5% to 10%.</p>	<p>(a) Estimate at Completion exceeds the Current Board Approved Budget by more than 10%.</p>
3. SCHEDULE	<p>(a) Project milestones / critical path are within plus/minus two months of the current baseline schedule.</p> <p>(b) Physical progress during the report period is consistent with incurred expenditures.</p> <p>(c) Schedule has been defined.</p>	<p>(a) Project milestones / critical path show slippage. Project is more than two to six months behind the current baseline schedule.</p> <p>(b) No physical progress during the report period, but expenditures have been incurred.</p> <p>(c) Detailed baseline schedule NOT finalized.</p>	<p>(a) Project milestones / critical path show slippage more than two consecutive months.</p> <p>(b) Forecast project completion is later than the current baseline scheduled completion by more than six months.</p> <p>(c) Schedule NOT defined for two consecutive months.</p>
4. SAFETY	<p>(a) No reported safety related incidents on the project.</p>	<p>(a) One Near Miss or incident requiring written report based on contract requirements.</p>	<p>(a) Injury (worker or passenger) requiring reporting to the Federal Railroad Administration.</p> <p>(b) Two or more Miss or incident requiring written report based on contract requirements.</p>

Schedule Legend

	Completed
	Critical path
	Baseline/target schedule