



Capital Program Quarterly Status Report and DBE Status Report



**1st Quarter Fiscal Year 2024
(July to September 2023)**

Prepared for the December 07, 2023 Caltrain Board Meeting

Projects in Focus

Concerning (projects with red status lights)

1. 002146 - South San Francisco Station Improvement Project

- **Schedule:** Project is still addressing an obligation to Union Pacific Railroad (UPRR) to fund rebuilding of 4,200' of yard track that UPRR lost, due to construction of this project. As an alternative, UPRR will consider a monetary settlement with Caltrain to close out the obligation.

2. 100233 - MP-36 Locomotive Mid-Life Overhaul

- **Schedule:** While lifting locomotive 925 - 2 jacks failed which caused some damage to the lifting pad, ladders, and paint. The lifting pad was repaired, subsequent lift found no further damage.

3. 100439 - Bayshore Station Overpass Pedestrian Bridge Rehab

- **Schedule:** The project was delayed due to obtaining approval to close the East and West Towers for the Contractor to conduct painting operations through continuous days. Approval of the closing the East and West Towers required numerous coordination meetings with Safety, Rail Operations, Rail Maintenance, Operations Planning, Customer Access, Government Affairs, Communications, and Customer access to obtain a final consensus for a path moving forward. The project obtained Board approval on May 4, 2023 for passenger shuttle services to complete the East and West Towers. Opening of the station held on Monday, August 7, 2023.

4. 100667 - Bernardo Avenue Undercrossing

-**Schedule:** The schedule has been delayed due to rigorous concepts development and public outreach by the Cities and extensive analysis and review by Caltrain to help decide the path forward. The Cities' consultants are performing the Preliminary Design and Environmental Review. The schedule and budget will be updated after receiving the Preliminary Design and Environmental Review documents from the Cities. The City Council has selected the Eastern Alignment Alternative as the Locally Preferred Alternative.

-**Budget:** Project EAC is higher due to current estimate of Construction and Construction Management cost estimate and requires additional funding. Project Manager to seek approval from Management Committee for increasing the budget and re-baseline at a future meeting. After receiving the Preliminary Design and Environmental Review documents from the City, baseline budget and schedule will established.

5. 100668 - Mary Ave Grade Separation

- **Schedule:** The City of Sunnyvale has completed feasibility study for the Mary Avenue grade separation. The City will hand over the project to Caltrain once the conceptual (15% plans) study is complete and a new service agreement is in place. Caltrain will explore potential options to accelerate the project including alternative delivery methods.

6. 100686 - Middle Avenue Undercrossing

- **Schedule/Budget:** Caltrain worked with Menlo Park staff to redesign the locally preferred alternative to relocate the undercrossing ramps outside the operating railroad right of way. Menlo Park City Council approved the revised design at its July 11, 2023 meeting . Redesign delayed project schedule. Project transitioning to Caltrain to advance into final design. Project will re-baseline schedule and budget during final design.

7. 100762 - San Francisquito Creek North Bank Restoration

- **Schedule:** Permanent creek bank stabilization must be postponed until the 2024 dry season due to the timing of construction permits. Currently, the project team is in the process of assessing budget impact of the delay and will go t

8. 100617 - Mountain View Transit Center Grade Separation & Access Project⁹

- **Schedule:** 65%-95% design is on hold at this time, as the project is conducting "Value Engineering (VE)" to make the project more affordable. March/April 24 time frame is when the project will go back to Management Committee to proceed from 65% to 95% design along with, scope, budget, and schedule changes.

Watching (projects with yellow status lights)

1. 002113 - Guadalupe River Bridges Replacement and Extension

- **Safety:** 09/21/2023 Type I incident occurred on the worksite.

- **Funding:** The approved funding plan for the project relies on multiple sources including SOGR Federal grants. The projected timing for receipt and activation of funds from each source is anticipated to support the ongoing progress and timely completion of the project.

2. 100240 - Ticket Vending Machines (TVM) Rehab

- **Schedule:** Phase 5 completion date has been extended due to contemplating a change order to reduce the number of TVMs to be upgraded in order to replace the chips in the TVMs that were upgraded in Phase 2 & 3. The Management Committee decided not to do the change order and keep the scope for Phase 5 as is.

3. 100403 - Broadband Wireless Communications System

- **Funding:** The current activated funds are insufficient to cover the entire construction phase. The "Funding" status light will remain yellow until the remaining funds are activated and amend the Project Budget Authority at the December 2023 Board.

4. 100410 - Whipple Avenue Grade Separation Study

- **Schedule:** The scope of work for the next phase of the project is to be determined but will likely include additional planning work. As a result the project will temporarily pause as Caltrain and City Staff discuss next steps.

5. 100430 - CCF BCCF Virtualization

- **Schedule:** Project Schedule extended as the current fiber strike situation severely postponed the implementation schedule. Project will go to the Management Committee for Gate 6 and request schedule re-baseline in November 2023.

6. 100439 - Bayshore Station Overpass Pedestrian Bridge Rehab




- **Safety:** 08/12/2023 Worker fell on his back during site inspection. Worker is ok and crews conducted safety briefings to reflect on lessons learned to mitigate.

7. 100449 Next Generation Visual Messaging Sign (VMS)

- **Funding:** The current activated funds are insufficient to cover the entire construction phase. Activate the FY24 and FY25 approved budget.

Performance Summary

Table S1. Projects in each status light by performance category

Status Light	Safety	Schedule	Budget	Funding
 Green	94.4%	69.4%	94.4%	91.7%
 Yellow	5.6%	8.3%	0.0%	8.3%
 Red	0.0%	22.2%	5.6%	0.0%

(Percentage of projects in each status light by performance category)

Table S2. Summary of project changes from previous quarter

Status Changes	Projects	Pct. Projects
All green	20	55.6%
Improved	2	5.6%
Got worse	6	16.7%
Stayed the same (except all green)	8	22.2%
Total Projects	36	

Note: Table S1 and S2 do not include projects with deferred funding.

Table S3. Individual Projects

Project Number	Title	Safety		Schedule		Budget		Funding		Page
		Q4	Q1	Q4	Q1	Q4	Q1	Q4	Q1	
CONSTRUCTION/IMPLEMENTATION										
ROW Bridges										
002113	Guadalupe River Bridges Replacement and Extension	●	●	●	●	●	●	●	●	7
100439	Bayshore Station Overpass Pedestrian Bridge Rehab	●	●	●	●	●	●	●	●	14
100762	San Francisquito Creek North Bank Restoration	●	●	●	●	●	●	●	●	19
Stations										
100761	Level Boarding Roadmap (Study)	●	●	●	●	●	●	●	●	25
ROW Grade Crossings										
100426	Churchill Avenue Grade Crossing	●	●	●	●	●	●	●	●	29
100522	Watkins Ave Grade Crossing Safety Improvements	●	●	●	●	●	●	●	●	32
100566	San Mateo Grade Crossing Improvements	●	●	●	●	●	●	●	●	35
ROW Communications & Signals										
100403	Broadband Wireless Communications System	●	●	●	●	●	●	●	●	39
100432	Migration to Digital Voice Radio System	●	●	●	●	●	●	●	●	42
100449	Next Generation Visual Messaging Sign (VMS)	●	●	●	●	●	●	●	●	45
100572	Communication System SOGR	●	●	●	●	●	●	●	●	48
Fare Collection										
100240	Ticket Vending Machines (TVM) Rehab	●	●	●	●	●	●	●	●	52
Miscellaneous										
100233	MP-36 Locomotive Mid-Life Overhaul Project	●	●	●	●	●	●	●	●	58
100430	CCF BCCF Virtualization	●	●	●	●	●	●	●	●	62
100445	Automatic Passenger Counters at San Francisco 4th & King Station	●	●	●	●	●	●	●	●	66
100676	San Mateo Replacement Parking Track	●	●	●	●	●	●	●	●	70
DESIGN (includes Preliminary and Final Design, and Procurement)										
Grade Separations										
002152	South Linden & Scott Grade Separation	●	●	●	●	●	●	●	●	74
100244	Broadway Burlingame Grade Separation	●	●	●	●	●	●	●	●	77
100482	Rengstorff Grade Separation	●	●	●	●	●	●	●	●	81
100617	Mountain View Transit Center Grade Separation & Access Project	●	●	●	●	●	●	●	●	85
Stations										
100459	22nd Street ADA Improvement	●	●	●	●	●	●	●	●	91
ROW Bridges										
100427	San Francisquito Creek Bridge Conceptual Design & Community Engagement	●	●	●	●	●	●	●	●	95
100759	San Francisquito Creek Bridge Acoustic Monitoring System	●	●	●	●	●	●	●	●	99
ROW Communications & Signals										
100614	Predictive Arrival/Departure System (PADS) Replacement	●	●	●	●	●	●	●	●	103
Miscellaneous										
100684	Mini-High Platforms	●	●	●	●	●	●	●	●	107
100780	MS4 Trash Management	●	●	●	●	●	●	●	●	110

Table S3. Individual Projects (Continued)

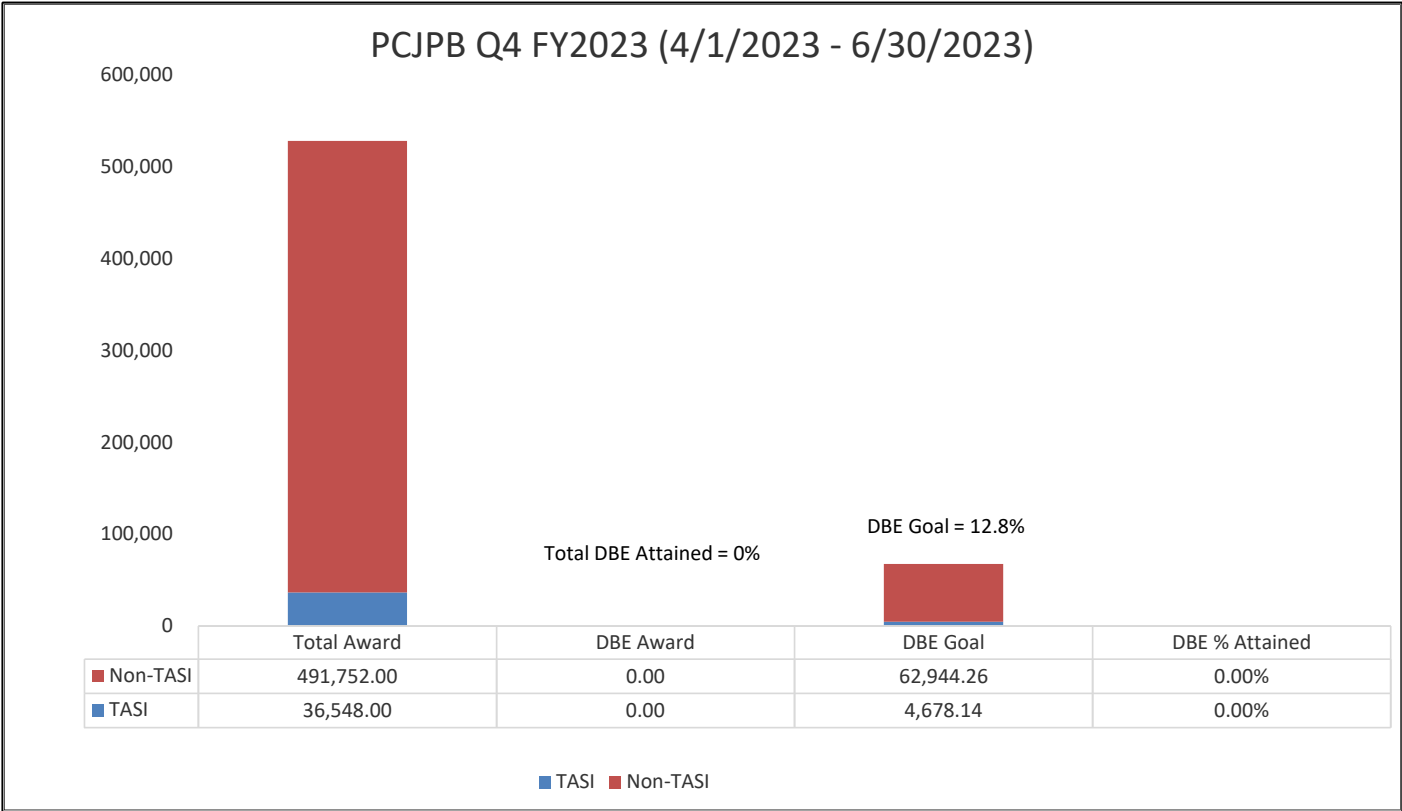
Project Number	Title	Safety		Schedule		Budget		Funding		Page
		Q4	Q1	Q4	Q1	Q4	Q1	Q4	Q1	
PLANNING (includes Initiation and Design to 15%)										
Grade Separations										
100410	Whipple Avenue Grade Separation Study	●	●	●	●	●	●	●	●	114
100667	Bernardo Avenue Undercrossing	●	●	●	●	●	●	●	●	117
100668	Mary Ave Grade Separation	●	●	●	●	●	●	●	●	120
100686	Middle Avenue Undercrossing	●	●	●	●	●	●	●	●	123
100687	Downtown Rail Extension (DTX)	●	●	●	●	●	●	●	●	126
100733	North Fair Oaks Bike and Pedestrian Crossing	●	●	●	●	●	●	●	●	129
Miscellaneous										
100785	4th & King Yard Preparation (4KY)		●		●		●		●	135
CLOSEOUT (includes Start-up/Turnover and Closeout)										
Grade Separations										
002088	25th Avenue Grade Separation	●	●	●	●	●	●	●	●	140
Stations										
002146	South San Francisco Station Improvement	●	●	●	●	●	●	●	●	146
Fare Collection										
100574	Clipper Next Generation Validators Site Preparations	●	●	●	●	●	●	●	●	151
Projects with Deferred Funding										
ROW Grade Crossings										
100563	FY21-22 Grade Crossing Improvements									156
Miscellaneous										
100564	Enterprise Asset Management (EAM) Software System									160
100565	Update and Upgrade GIS System									163

Note: The Total EAC (Estimated at Completion) for the projects shown above is \$2,176,947,415.

Appendix A - Disadvantaged Business Enterprise (DBE)

Disadvantaged Business Enterprise (DBE)

PCJPB Award



Note: The overall triennial DBE goal for Federal Fiscal Year 2023-25 is 12.8%. The total DBE attained is 0% for both TASI and Non-TASI combined.