



Capital Program

Quarterly Status Report and DBE Status Report



**2nd Quarter Fiscal Year 2023
(October to December 2022)**

Prepared for the March 02, 2023 Caltrain Board Meeting

Projects in Focus

Concerning (projects with red status lights)

1. 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.

2. 100439 - Bayshore Station Overpass Pedestrian Bridge Rehab

- **Schedule:** Delay is due to revisions to Scaffolding and Containment plan and approval of Site Specific Work Plan. Approval of the Scaffolding and Containment plan required numerous revisions to accommodate PCEP wire installation, and structural calculations required to verify the temporary structure per contract specifications. Approval of the Site Specific Work Plan required numerous coordination meetings with Rail Operations, and Customer access to path of travel, platform closures, and signage. Contractor is working to add multiple shifts to further mitigate the schedule delays.

3. 100427 - San Francisquito Creek Bridge Replacement

-**Schedule:** Proposed new scope is pending approval from the Management Committee. The project will be presented to Management Committee in March 2023.

-**Budget:** Proposed new scope is pending approval from the Management Committee. The project will be presented to Management Committee in March 2023.

4. 100445 - Automatic Passenger Counters at San Francisco 4th & King Station

- **Schedule:** The COVID-19 Pandemic caused delay in development and logistics. The schedule issue was escalated within Centum Adetel and Caltrain. The Centum Team provided a revised Schedule to complete installation, commissioning and training by 04/01/2023. Project Manager to request schedule re-baseline at February 2023 Management Committee meeting.

5. 100574 - Next Generation Clipper Validator Station Site Prep

-**Schedule:** The schedule has been extended due to delay in Substantial Completion. The project will be submitted to management committee for schedule re-baseline in February 2023.

6. 100667 - Bernardo Avenue Undercrossing

-**Schedule:** The schedule has been delayed due to the extensive analysis and review of the concept alternatives provided by the City to help them decide the path forward. The City has decided to move ahead with the preparation of 35% plans using their consultant. The schedule will be fine-tuned and submitted to management committee for re-baseline at March 2023 meeting.

-**Budget:** Project EAC is higher due to 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 March 2023 meeting.

7. 100668 - Sunnyvale Grade Separation

- **Schedule:** The City of Sunnyvale is performing alternatives analysis for the Mary Avenue grade separation. The alternatives analysis and community outreach has taken longer than originally expected. The City will hand over the project to Caltrain once the conceptual (15% plans) study is complete. Caltrain will explore potential options to accelerate the project including alternative delivery methods.

8. 100685 - Verizon Sink Hole Repair San Jose

- **Schedule:** Project Schedule is extended due to delay in agreements between the parties. Request the Management Committee to re-baseline the schedule once the agreement with Verizon is finalized.

9. 100686 - Middle Avenue Undercrossing

- **Budget:** Additional alternatives analysis and price escalation are factors contributing to higher costs. Caltrain will work with the City to explore cost effective solutions.

Watching (projects with yellow status lights)

1. 002113 - Guadalupe River Bridges Replacement and Extension

- **Funding:** The JPB Board approved the funding plan for the project which relies on additional funding from the FY2024 and FY2025 SOGR Federal funding. Limited Notice to Proceed was issued to the contractor, Walsh Construction, on 11/21/2022.

2. 100278 - Mary Avenue Traffic Signal Preemption




- **Schedule:** The schedule has been delayed due to delay in project closeout. Gate 8 - Project Closeout Complete will be presented to Management Committee in February 2023.

3. 100676 - San Mateo Replacement Parking Track

- **Funding:** Additional funds to support construction required. Seek 50% match from MTC's Local Partnership Program funding to support spring 2023 construction.

Performance Summary

Table S1. Projects in each status light by performance category

Status Light	Safety	Schedule	Budget	Funding
 Green	100.0%	75.0%	91.7%	94.4%
 Yellow	0.0%	2.8%	0.0%	5.6%
 Red	0.0%	22.2%	8.3%	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	15	41.7%
Improved	9	25.0%
Got worse	7	19.4%
Stayed the same (except all green)	5	13.9%
Total Projects	36	

Table S3. Individual Projects

Project Number	Title	Safety		Schedule		Budget		Funding		Page
		Q1	Q2	Q1	Q2	Q1	Q2	Q1	Q2	
CONSTRUCTION/IMPLEMENTATION										
Grade Separations										
002088	25th Avenue Grade Separation	●	●	●	●	●	●	●	●	7
ROW Bridges										
002113	Guadalupe River Bridges Replacement and Extension	●	●	●	●	●	●	●	●	13
100439	Bayshore Station Overpass Pedestrian Bridge Rehab	●	●	●	●	●	●	●	●	19
ROW Grade Crossings										
100522	Watkins Ave Grade Crossing Safety Improvements	●	●	●	●	●	●	●	●	25
ROW Communications & Signals										
100278	Mary Avenue Traffic Signal Preemption	●	●	●	●	●	●	●	●	29
100403	Broadband Wireless Communications System	●	●	●	●	●	●	●	●	33
Fare Collection										
100240	Ticket Vending Machines (TVM) Rehab	●	●	●	●	●	●	●	●	37
100574	Clipper Next Generation Validators Site Preparations	●	●	●	●	●	●	●	●	42
Miscellaneous										
100233	MP-36 Locomotive Mid-Life Overhaul Project	●	●	●	●	●	●	●	●	47
100430	CCF BCCF Virtualization	●	●	●	●	●	●	●	●	51
100445	Automatic Passenger Counters at San Francisco 4th & King Station	●	●	●	●	●	●	●	●	54
DESIGN (includes Preliminary and Final Design, and Procurement)										
Grade Separations										
002152	South Linden & Scott Grade Separation	●	●	●	●	●	●	●	●	59
100244	Burlingame Broadway Grade Separation	●	●	●	●	●	●	●	●	62
100482	Rengstorff Grade Separation	●	●	●	●	●	●	●	●	66
100617	Mountain View Transit Center Grade Separation & Access Project	●	●	●	●	●	●	●	●	71
ROW Bridges										
100427	San Francisquito Creek Bridge Replacement	●	●	●	●	●	●	●	●	76
ROW Grade Crossings										
100426	Churchill Avenue Grade Crossing	●	●	●	●	●	●	●	●	81
100563	FY21-22 Grade Crossing Improvements	●	●	●	●	●	●	●	●	84
100566	San Mateo Grade Crossing Improvements	●	●	●	●	●	●	●	●	87
ROW Communications & Signals										
100432	Migration to Digital Voice Radio System	●	●	●	●	●	●	●	●	91
100449	Next Generation Visual Messaging Sign (VMS)	●	●	●	●	●	●	●	●	94
100572	Communication System SOGR	●	●	●	●	●	●	●	●	97
100614	Predictive Arrival/Departure System (PADS) Replacement	●	●	●	●	●	●	●	●	100
100616	Caltrain Fiber Connectivity to Passenger Stations and Digital Voice	●	●	●	●	●	●	●	●	103
Miscellaneous										
100676	San Mateo Replacement Parking Track	●	●	●	●	●	●	●	●	107
100684	Mini-High Platforms	●	●	●	●	●	●	●	●	110

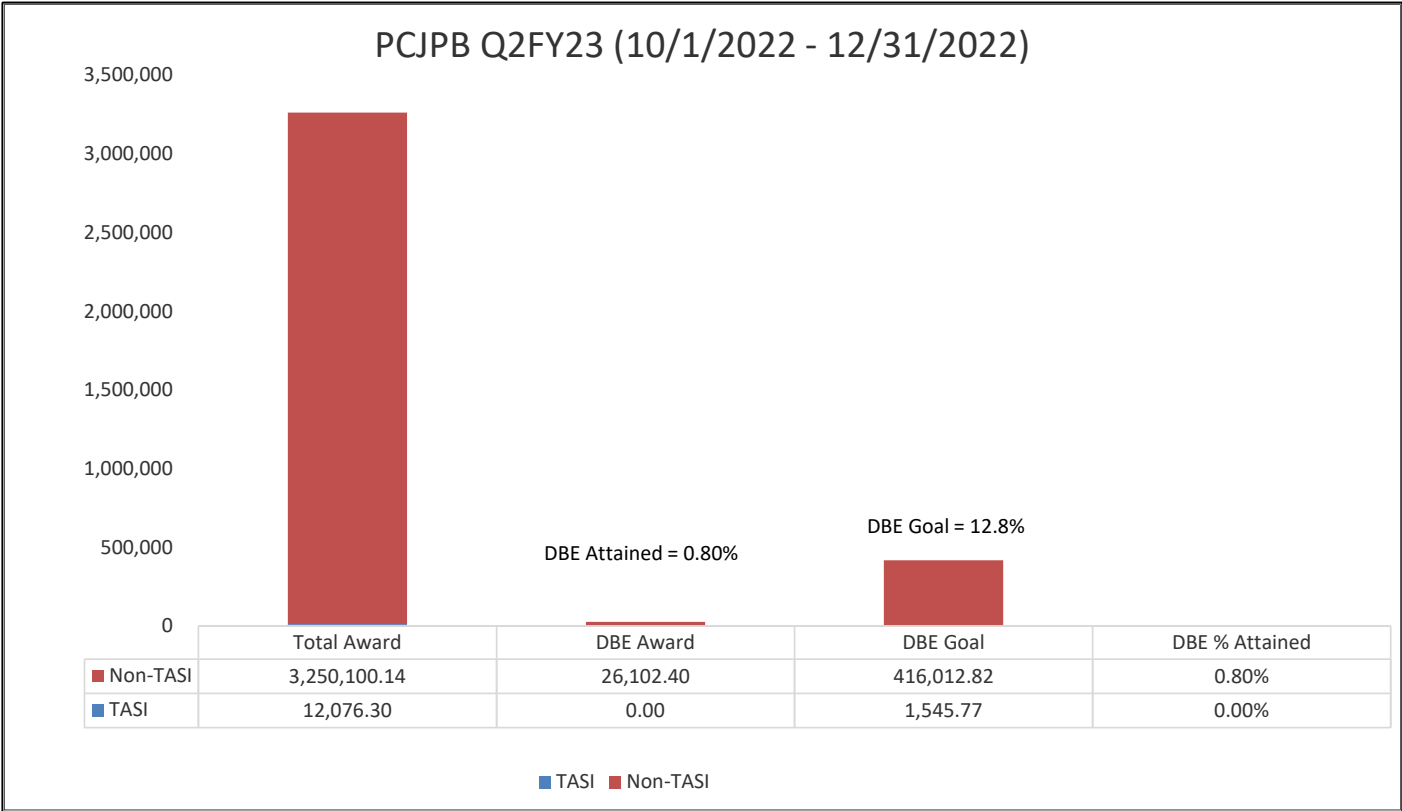
Table S3. Individual Projects (Continued)

Project Number	Title	Safety		Schedule		Budget		Funding		Page
		Q1	Q2	Q1	Q2	Q1	Q2	Q1	Q2	
PLANNING (includes Initiation and Design to 15%)										
Grade Separations										
100410	Whipple Avenue Grade Separation Study	●	●	●	●	●	●	●	●	114
100667	Bernardo Avenue Undercrossing	●	●	●	●	●	●	●	●	117
100668	Sunnyvale Grade Separation	●	●	●	●	●	●	●	●	120
100686	Middle Avenue Undercrossing	●	●	●	●	●	●	●	●	123
Miscellaneous										
100564	Enterprise Asset Management (EAM) Software System	●	●	●	●	●	●	●	●	127
100565	Update and Upgrade GIS System	●	●	●	●	●	●	●	●	130
100673	CCTV Study-Assessment		●	●	●	●	●	●	●	134
100685	Verizon Sink Hole Repair San Jose	●	●	●	●	●	●	●	●	137
100687	Downtown Rail Extension (DTX)	●	●	●	●	●	●	●	●	140
CLOSEOUT (includes Start-up/Turnover and Closeout)										
Stations										
002146	South San Francisco Station Improvement	●	●	●	●	●	●	●	●	144

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%.