



Capital Program Quarterly Status Report and DBE Status Report



3rd Quarter Fiscal Year 2023 (January to March 2023)

Prepared for the June 01, 2023 Caltrain Board Meeting

Summary

Projects in Focus

Concerning (projects with red status lights)

1. 100439 - Bayshore Station Overpass Pedestrian Bridge Rehab

- **Schedule:** The pedestrian bridge work is complete, and now the project is 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. Contractor is working to add multiple shifts to further mitigate the schedule delays.

2. 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 04/30/2023. Project Manager to request schedule re-baseline at February 2023 Management Committee meeting.

3. 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 May 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 May 2023 meeting.

4. 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.

5. 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.

6. 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

- **Schedule:** Limited Notice to Proceed was issued 7 calendar days later than planned.

- **Funding:** The JPB Board approved the funding plan for the project which relies on additional funding from the FY2024 and FY2025 SOGR Federal funding. Funds will be activated as needed to support the timely completion of the project.

2. 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.

3. 100445 - Automatic Passenger Counters at San Francisco 4th & King Station

- **Budget:** 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 04/30/2023. Project Manager to request schedule re-baseline at February 2023 Management Committee meeting.

4. 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.

5. 100426 - Churchill Avenue Grade Crossing




- **Schedule:** The schedule has been delayed as reference checks and meetings with contractor did not prove that they have required experience. Board approved rejection and re-bid of project. Project Manager to seek approval from Management Committee for re-baselining the schedule at June 2023 meeting.

6. 100566 - San Mateo Grade Crossing Improvements

- **Schedule:** The schedule has been delayed as no bids received on advertisement. Working towards assembling a new IFB package (combined with Churchill Grade Crossing project) that will re-advertise in April 2023. Project Manager to seek approval from Management Committee for re-baselining the schedule at June 2023 meeting.

Performance Summary

Table S1. Projects in each status light by performance category

Status Light	Safety	Schedule	Budget	Funding
 Green	100.0%	75.7%	91.9%	94.6%
 Yellow	0.0%	10.8%	2.7%	5.4%
 Red	0.0%	13.5%	5.4%	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	25	67.6%
Improved	2	5.4%
Got worse	3	8.1%
Stayed the same (except all green)	7	18.9%
Total Projects	37	

Note: Starting with this report, the status light criteria has been updated to improve the balance between schedule lights triggered by Milestones delays vs. Schedule Performance Index (SPI). The latter tracks delays in terms of budgeted work (effort) while the former tracks number of days.

Table S3. Individual Projects

Project Number	Title	Safety		Schedule		Budget		Funding		Page
		Q2	Q3	Q2	Q3	Q2	Q3	Q2	Q3	
CONSTRUCTION/IMPLEMENTATION										
ROW Bridges										
002113	Guadalupe River Bridges Replacement and Extension	●	●	●	●	●	●	●	●	7
100439	Bayshore Station Overpass Pedestrian Bridge Rehab	●	●	●	●	●	●	●	●	13
ROW Grade Crossings										
100522	Watkins Ave Grade Crossing Safety Improvements	●	●	●	●	●	●	●	●	19
ROW Communications & Signals										
100278	Mary Avenue Traffic Signal Preemption	●	●	●	●	●	●	●	●	23
100403	Broadband Wireless Communications System	●	●	●	●	●	●	●	●	27
Fare Collection										
100240	Ticket Vending Machines (TVM) Rehab	●	●	●	●	●	●	●	●	31
Miscellaneous										
100233	MP-36 Locomotive Mid-Life Overhaul Project	●	●	●	●	●	●	●	●	37
100430	CCF BCCF Virtualization	●	●	●	●	●	●	●	●	41
100445	Automatic Passenger Counters at San Francisco 4th & King Station	●	●	●	●	●	●	●	●	44
100673	CCTV Study-Assessment	●	●	●	●	●	●	●	●	48
DESIGN (includes Preliminary and Final Design, and Procurement)										
Grade Separations										
002152	South Linden & Scott Grade Separation	●	●	●	●	●	●	●	●	52
100244	Burlingame Broadway Grade Separation	●	●	●	●	●	●	●	●	55
100482	Rengstorff Grade Separation	●	●	●	●	●	●	●	●	59
100617	Mountain View Transit Center Grade Separation & Access Project	●	●	●	●	●	●	●	●	64
ROW Bridges										
100427	San Francisquito Creek Bridge Conceptual Design & Community Engagement	●	●	●	●	●	●	●	●	69
ROW Grade Crossings										
100426	Churchill Avenue Grade Crossing	●	●	●	●	●	●	●	●	75
100563	FY21-22 Grade Crossing Improvements	●	●	●	●	●	●	●	●	78
100566	San Mateo Grade Crossing Improvements	●	●	●	●	●	●	●	●	81
ROW Communications & Signals										
100432	Migration to Digital Voice Radio System	●	●	●	●	●	●	●	●	85
100449	Next Generation Visual Messaging Sign (VMS)	●	●	●	●	●	●	●	●	88
100572	Communication System SOGR	●	●	●	●	●	●	●	●	91
100614	Predictive Arrival/Departure System (PADS) Replacement	●	●	●	●	●	●	●	●	94
100616	Caltrain Fiber Connectivity to Passenger Stations and Digital Voice	●	●	●	●	●	●	●	●	97
Miscellaneous										
100676	San Mateo Replacement Parking Track	●	●	●	●	●	●	●	●	101
100684	Mini-High Platforms	●	●	●	●	●	●	●	●	104

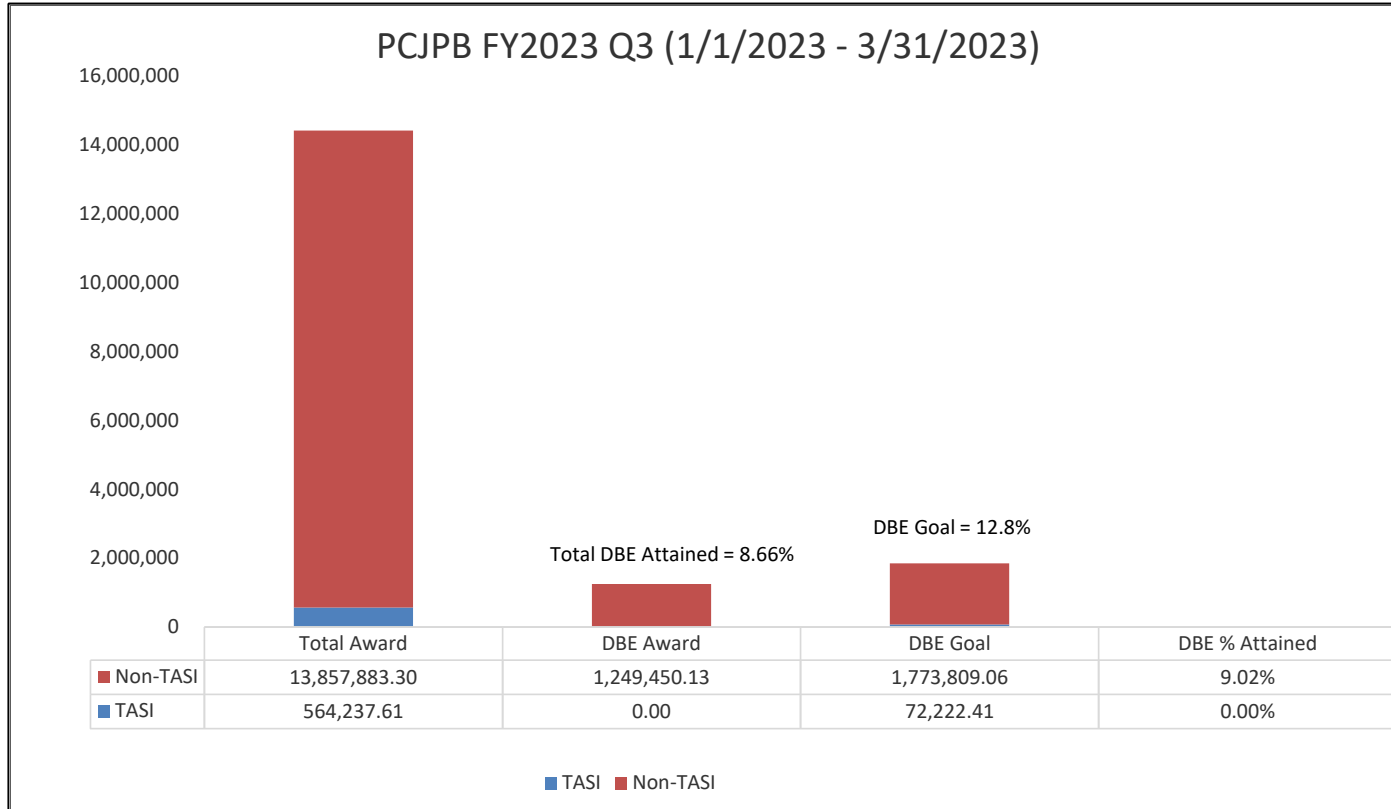
Table S3. Individual Projects (Continued)

Project Number	Title	Safety		Schedule		Budget		Funding		Page
		Q2	Q3	Q2	Q3	Q2	Q3	Q2	Q3	
PLANNING (includes Initiation and Design to 15%)										
Grade Separations										
100410	Whipple Avenue Grade Separation Study	●	●	●	●	●	●	●	●	108
100667	Bernardo Avenue Undercrossing	●	●	●	●	●	●	●	●	111
100668	Sunnyvale Grade Separation	●	●	●	●	●	●	●	●	114
100686	Middle Avenue Undercrossing	●	●	●	●	●	●	●	●	117
Miscellaneous										
100564	Enterprise Asset Management (EAM) Software System	●	●	●	●	●	●	●	●	122
100565	Update and Upgrade GIS System	●	●	●	●	●	●	●	●	125
100685	Verizon Sink Hole Repair San Jose	●	●	●	●	●	●	●	●	129
100687	Downtown Rail Extension (DTX)	●	●	●	●	●	●	●	●	132
100733	North Fair Oaks Bike and Pedestrian Crossing		●		●		●		●	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

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 8.66% for both TASI and Non-TASI combined.