



Capital Program

Quarterly Status Report Summary and DBE Status Report



1st Quarter Fiscal Year 2023 (July to September 2022)

Prepared for the December 01, 2022 Caltrain Board Meeting

Projects in Focus

Concerning (projects with red status lights)

1. 002146 - South San Francisco Station Improvement Project

- **Schedule:** Portions of Ramp 1 and Ramp 2 were rebuilt and tested and they meet ADA requirements. Ramps were opened to public on 1/13/2022. Will request rebaseline when the project goes to the Management Committee for the next phase. The date to submit the request is still TBD.

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

-**Funding:** Additional funding will be required to cover the administrative cost, change orders and other unknown risk. Request funds at October Mgmt. Committee meeting.

3. 100240 - Ticket Vending Machines (TVM) Rehab

-**Schedule:** Phase 4 completion date has been delayed as the vendor is waiting on certain parts and material for the upgrades. New delivery and installation date is end of November 2022. It is still the intent of the project to meet the overall project schedule.

4. 100403 - Broadband Wireless Communications System

- **Schedule:** The proposal evaluation period has been extended due to the complexity of the proposals, live demonstration and negotiation of a best & final offer. Project Manager plans to re-baseline the schedule & budget once team have selected and negotiate with the best proposer in November 2022.

-**Budget:** Project EAC is higher due to the construction cost. Project team is re-evaluating the total cost for the project and will report the updated EAC in next quarterly report. Seek for the budget approval from the Management Committee and the Board.

5. 100410 - Whipple Avenue Grade Separation Study

- **Schedule:** Project schedule extended due to the complexity of alternatives being examined in combination with a potential four-track station and new development occurring in close proximity to the potential grade separations. COVID-19 also required a more extensive and time-intensive public outreach strategy than initially envisioned. It is still to be determined when the project goes to the Management Committee to request a re-baseline.

6. 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 10/30/2022. Project Manager to request schedule re-baseline at October 2022 Management Committee meeting.

7. 100482 - Rengstorff Grade Separation

- **Schedule:** The schedule has been delayed due to the delay in 35% design submittal. The 35% design (preliminary engineering) will be completed by October 2022. A cooperative agreement between the VTA, the City of Mountain View and the JPB is under review. VTA has allocated \$42 million towards the final design and right-of-way acquisition. The City of Mountain View will be contributing \$8 million towards the same. Next step is to issue an RFP to select a final design consultant and to evaluate various delivery methods such as Construction Manager/General Contractor (CMGC), Progressive Design-Build and the traditional Design-Bid-Build to select an optimal method. The project will request Management Committee rebaseline in November 2022.

8. 100684 - Mini High Platforms

-**Schedule:** The Project is in the process of hiring a designer to prepare plans and specifications for the project and this delayed the total project schedule. Project Manager to request a schedule re-baseline at November 2022 Management Committee meeting.

9. 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-

10. 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. The date to submit the request is November 2022.

11. 100616 - Caltrain Fiber Connectivity to Passenger Stations and Digital Voice

- **Schedule:** The project has been delayed for one year due to a budget shortfall. Request funds in FY24.

Watching (projects with yellow status lights)

1. 002113 - Guadalupe River Bridges Replacement and Extension

- **Funding:** Prior fiscal years funded only design and some construction. There are sufficient funds to support the first year of construction. Obligating financial resources one year at a time to support construction on a cashflow basis is not a preferred approach. Given the bridge's conditions and funding levels for SOGR this is the current plan. Staff will evaluate a range of alternatives as it prepares the FY2024 and FY2025 Budgets for Board consideration. Agency has not received and/or activated the entire fiscal year 2022 appropriation by the JPB Board. The remainder of the approved funds will be activated in November 2022.

2. 100426 - Churchill Avenue Grade Crossing

-**Schedule:** Main Contract Award delayed as the City of Palo Alto is still waiting on the approval of the GO88-B form from the California Public Utilities Commission (CPUC). Approval of the GO88-B form is required to advertise the Invitation For Bid (IFB). It is the intention to still meet the overall project schedule.

3. 100427 - San Francisquito Creek Bridge Replacement

- **Funding:** There are 3 options. First option is to strengthen the bridge and second option is to replace the bridge. If either of the two build alternatives are selected by senior management, then additional funding is required to complete the 35% design phase. The third option is a viable no build option to restrict train traffic to one freight train at a time. However, with this no build option, current funding would be used to support required special inspections and monitoring of the bridge. In addition, Phase Gate meeting is required to obtain Management Committee approval to proceed with the next phase of the project, and approval to use existing funds.

4. 100439 - Bayshore Station Overpass Pedestrian Bridge Rehab




- **Schedule:** Schedule is delayed 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 meet the original completion date.

5. 100676 - San Mateo Replacement Parking Track

- **Funding:** \$4.045M already transferred to this project from 25th Avenue Grade Separation project. Additional \$622K pending transfer. 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%	67.6%	94.6%	89.2%
 Yellow	0.0%	5.4%	0.0%	8.1%
 Red	0.0%	27.0%	5.4%	2.7%

(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	16	43.2%
Improved	6	16.2%
Got worse	5	13.5%
Stayed the same (except all green)	10	27.0%
Total Projects	37	

Table S3. Individual Projects

Project Number	Title	Safety		Schedule		Budget		Funding		Page
		Q4	Q1	Q4	Q1	Q4	Q1	Q4	Q1	
CONSTRUCTION/IMPLEMENTATION										
Grade Separations										
002088	25th Avenue Grade Separation	●	●	●	●	●	●	●	●	7
Stations										
002146	South San Francisco Station Improvement	●	●	●	●	●	●	●	●	13
ROW Bridges										
100439	Bayshore Station Overpass Pedestrian Bridge Rehab	●	●	●	●	●	●	●	●	19
ROW Communications & Signals										
100278	Mary Avenue Traffic Signal Preemption	●	●	●	●	●	●	●	●	25
Fare Collection										
100240	Ticket Vending Machines (TVM) Rehab	●	●	●	●	●	●	●	●	30
100574	Clipper Next Generation Validators Site Preparations	●	●	●	●	●	●	●	●	35
Miscellaneous										
100233	MP-36 Locomotive Mid-Life Overhaul Project		●		●		●		●	40
100430	CCF BCCF Virtualization	●	●	●	●	●	●	●	●	44
100445	Automatic Passenger Counters at San Francisco 4th & King Station	●	●	●	●	●	●	●	●	48
DESIGN (includes Preliminary and Final Design, and Procurement)										
Grade Separations										
002152	South Linden & Scott Grade Separation	●	●	●	●	●	●	●	●	53
100244	Burlingame Broadway Grade Separation	●	●	●	●	●	●	●	●	56
100482	Rengstorff Grade Separation	●	●	●	●	●	●	●	●	60
100617	Mountain View Transit Center Grade Separation & Access Project	●	●	●	●	●	●	●	●	65
ROW Bridges										
002113	Guadalupe River Bridges Replacement and Extension	●	●	●	●	●	●	●	●	70
100427	San Francisquito Creek Bridge Replacement	●	●	●	●	●	●	●	●	76
ROW Grade Crossings										
100426	Churchill Avenue Grade Crossing	●	●	●	●	●	●	●	●	81
100522	Watkins Ave Grade Crossing Safety Improvements	●	●	●	●	●	●	●	●	84
100563	FY21-22 Grade Crossing Improvements	●	●	●	●	●	●	●	●	87
100566	San Mateo Grade Crossing Improvements	●	●	●	●	●	●	●	●	90
ROW Communications & Signals										
100403	Broadband Wireless Communications System	●	●	●	●	●	●	●	●	94
100432	Migration to Digital Voice Radio System	●	●	●	●	●	●	●	●	97
100449	Next Generation Visual Messaging Sign (VMS)	●	●	●	●	●	●	●	●	100
100572	Communication System SOGR	●	●	●	●	●	●	●	●	103
100614	Predictive Arrival/Departure System (PADS) Replacement	●	●	●	●	●	●	●	●	106
100616	Caltrain Fiber Connectivity to Passenger Stations and Digital Voice	●	●	●	●	●	●	●	●	109
Miscellaneous										
100676	San Mateo Replacement Parking Track	●	●	●	●	●	●	●	●	113
100684	Mini-High Platforms	●	●	●	●	●	●	●	●	116

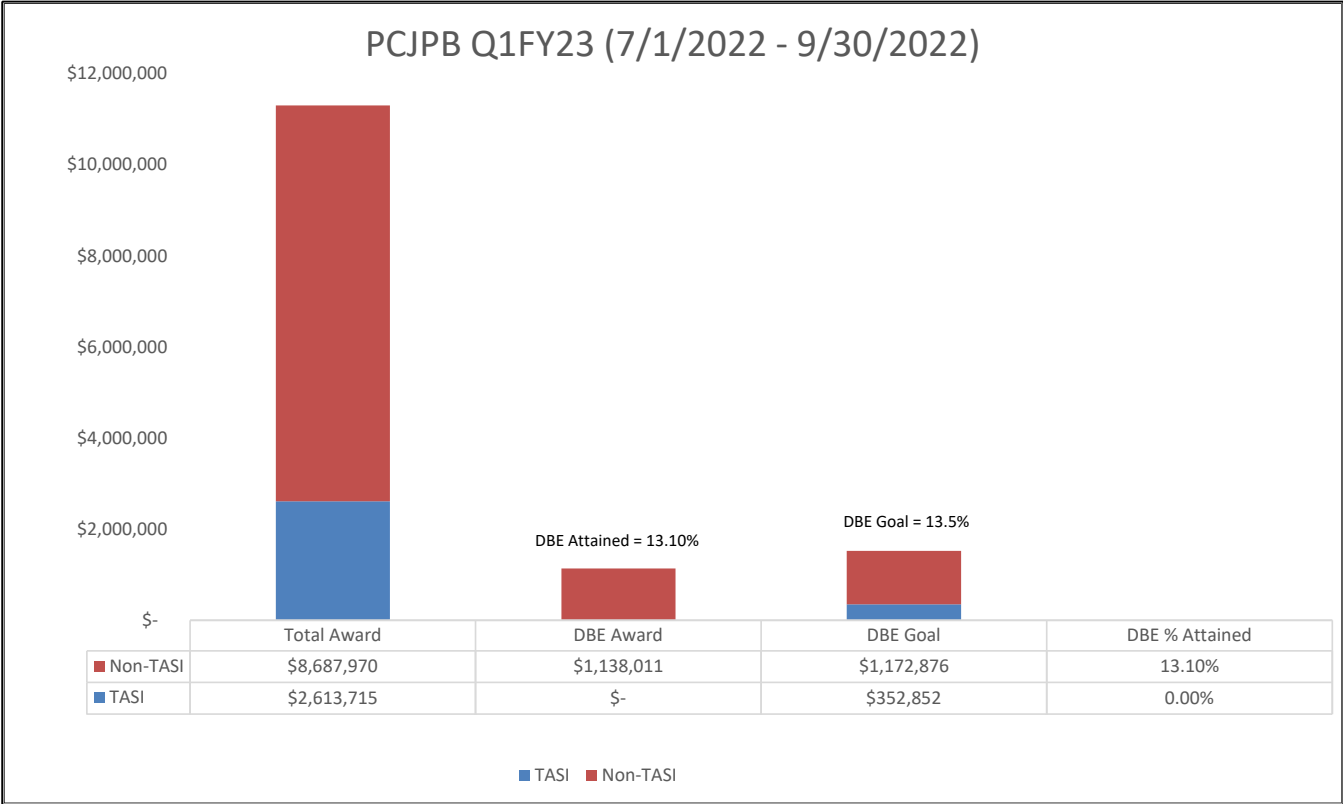
Table S3. Individual Projects (Continued)

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	●	●	●	●	●	●	●	●	120
100667	Bernardo Avenue Undercrossing	●	●	●	●	●	●	●	●	123
100668	Sunnyvale Grade Separation		●		●		●		●	126
100686	Middle Avenue Undercrossing		●		●		●		●	129
Miscellaneous										
100564	Enterprise Asset Management (EAM) Software System	●	●	●	●	●	●	●	●	133
100565	Update and Upgrade GIS System	●	●	●	●	●	●	●	●	136
100673	CCTV Study-Assessment		●		●		●		●	140
100685	Verizon Sink Hole Repair San Jose	●	●	●	●	●	●	●	●	143
100687	Downtown Rail Extension (DTX)	●	●	●	●	●	●	●	●	146
CLOSEOUT (includes Start-up/Turnover and Closeout)										
ROW Bridges										
002080	Marin and Napoleon Bridge Replacement	●	●	●	●	●	●	●	●	150

Appendix A - Disadvantaged Business Enterprise (DBE)

Disadvantaged Business Enterprise (DBE)

PCJPB Award



Note: The overall triennial DBE goal for Federal Fiscal Year 2020-22 is 13.5%.