



# Capital Program Quarterly Status Report and DBE Status Report



## 3rd Quarter Fiscal Year 2024 (January to March 2024)

Prepared for the June 06, 2024 Caltrain Board Meeting

Summary

## Projects in Focus

**Concerning** (projects with red status lights)

### 1. 002088 - 25th Avenue Grade Separation

- **Schedule:** Project Closeout has been extended due to the impact of unanticipated environmental monitoring program and ROW survey. Project Manager to seek schedule re-baseline once the ROW survey scope is accurately defined.

### 2. 002113 - Guadalupe River Bridges Replacement and Extension

- **Funding:** The approved funding plan for the project relies on multiple sources including State of Good Repair (SOG) Federal grants. The projected timing for receipt and availability of funds from each source is anticipated to support the ongoing progress and timely completion of the project. The "Funding" status light will remain "Red" until FY24 funding appropriated by the Board in June 2023 is made available to the project.

### 3. 002146 - South San Francisco Station Improvement Project

- **Schedule:** Union Pacific Railroad (UPRR) track lost due to construction: Project is still addressing an obligation to UPRR to fund rebuilding of 4,200' of yard track that UPRR lost, due to construction of this project. Negotiating a cash settlement with UPRR. Draft cost of \$5.17M is within available budget. TA prefers to close the book by end of FY24. Draft agreement reviewed by legal and forwarded to UPRR on 12/29/23. Follow on meeting held with UPRR on 4/15/24 to continue negotiation on two open items (cost and short line language).

### 4. 100233 - MP-36 Locomotive Mid-Life Overhaul

- **Schedule:** The schedule has been delayed due to part availability. Alstom is working with multiple vendors to procure the parts needed.

### 5. 100244 - Broadway Burlingame Grade Separation

- **Schedule/Budget:** Right-of-way acquisition is forecasted to impact the project schedule and budget, as reflected in both red status lights above. The production of acquisition maps and the lack of eligible funding are contributing factors, both of which are being expedited through the designer and funding partners.

### 6. 100403 - Broadband Wireless Communications System

- **Funding:** Project is currently awaiting a decision on the SRA/TRCIP fund swap. The remaining activated funds are insufficient to cover the construction phase for the next six months. As a result, the "Funding" status light will remain "Red" until the remaining funds are made available to the project.

### 7. 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 approval of Gate 6 and to request schedule re-baseline in May 2024.

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

- **Schedule:** Delay due to City's decision: The City of Mountain View is targeting late fall/early winter to present at its next City Council Meeting an update of the project costs and possible reprioritization of both grade separation projects: Rengstorff or Castro. May 2024 time frame is when the project will go back to Management Committee to obtain gate approval from 65% to 95% design along with re-baselining, scope, budget, and schedule after successful cost negotiations with the Design and Pre-Construction CMGC contractors.

### 9. 100667 - Bernardo Avenue Undercrossing (Project Number Closed)

- **Schedule:** The schedule has been delayed due to a delay in the handoff of the project from Sunnyvale to Caltrain. Caltrain to coordinate with the City of Sunnyvale once 35% design and environmental clearance are completed by the City.

- **Budget:** The EAC is higher than the initial estimate. The City of Sunnyvale and VTA are working together to identify additional funds to complete the construction.

### 10. 100668 - Mary Ave Grade Separation

- **Schedule:** This project is on pause on the City's end while they prioritize moving the Bernardo Ave Undercrossing forward. Once the City is ready, Caltrain will execute a new Agreement to advance the project in Preliminary engineering phase. Once the new Agreement is executed, the project will be presented to Management Committee for Gate 2 and a new project number will be issued.

**11. 100684 - Mini-High Platforms**

- **Funding:** The current remaining activated funds are insufficient to cover the construction phase for the next six months. The FY25 Board approved funds are not yet available for this project, resulting in a 'Red' status for funding. Continue to monitor the situation and update the funding status once the necessary funds are made available.

**12. 100687 - Downtown Rail Extension (DTX)**

- **Schedule:** The project's schedule delay stems from its management not being led by Caltrain and its division into multiple contract packages, totaling five, each at different stages of design. The 4KY contract package lags the furthest behind, with only 35% design completion expected by fall. This delay is primarily attributed to the challenges posed by construction within Caltrain's operational railway. The Transbay Joint Powers Authority (TJPA) is collaborating with Caltrain to investigate inventive design solutions enabling uninterrupted operations during construction.

**13. 100703 - Middle Avenue Undercrossing**

- **Schedule/Budget:** Redesign delayed project schedule: 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 and the City has provided Caltrain with an updated cost estimate. Project is transitioning to Caltrain to advance into final design. It is anticipated the project will go before the Management Committee in June, 2024 for Gate 3 and also request schedule and budget re-baseline.

**14. 100785 - 4th & King Yard Preparation (4KY)**

- **Schedule:** The separation of the project into two packages caused delay. The separation allows Package B to go through procurement of a CM/GC contract while Package A will continue with design for a DBB contract. We are working with TJPA to develop an agreed upon, joint project schedule. We can look into rebaselining the schedule when it is complete.

**Watching** (projects with yellow status lights)**1. 002113 - Guadalupe River Bridges Replacement and Extension**

- **Safety:** On March 19, 2024, a car driven by an unknown driver swayed away from the driving lane of Highway 87 and collided into the adjacent project site fencing located next to the entrance gate (off the highway 87) and damaged the fence. No one was injured. A police report was filed. Initial investigation suggested that this was not associated with project work.

**2. 002152 - South Linden Avenue and Scott Street Grade Separation**

- **Schedule:** Delay in completion of Preliminary Studies (Value Engineering): Pending decision by the Cities, Caltrain and key Stakeholders by the end of July 2024.

**3. 100233 - MP-36 Locomotive Mid-Life Overhaul**

- **Funding/Budget:** A potential budget shortfall has been identified. Team is actively tracking this item and will seek supplemental funding as part of the FY25 budget amendment if needed.

**4. 100410 - Whipple Avenue Grade Separation Study**

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

**5. 100426 - Churchill Avenue Grade Crossing**

- **Schedule:** The schedule has been delayed due to delays with City of Palo Alto's work is impacting completion of JPB's contractor work. The Project Manager will request approval of a revised schedule from the Management Committee in May 2024.

**6. 100449 - Next Generation Visual Messaging Sign (VMS)**

- **Funding:** The remaining funds will only be available starting FY25. Activate the FY25 approved budget when it is available.

**7. 100482 - Rengstorff Grade Separation**

- **Schedule:** The schedule slipped due to delays in the final design procurement. Expedite final design and CMGC TCP.

**8. 100563 - FY21-22 Grade Crossing Improvements**




**Schedule:** The TASI Work Directive is experiencing a delay due to disparities in scope and cost. TASI's initial proposal included additional tasks that are not necessary. A revised proposal will be submitted for review, and once approved, the work directive will be executed.

**9. 100676 - San Mateo Replacement Parking Track**

- **Funding:** Additional funding is required to be activated to cover construction phase of the project. Transfer of \$1.5M in SMCTA funds from 25th Ave project to this project has been completed by budgets and the funds are now activated. \$3.77M in LPP funds still need to be received and activated. Grants staff are working on the Program Supplement with Caltrans, will proceed with requesting Pre-approval Spending Authority (PASA), if needed.

**Performance Summary**

**Table S1. Projects in each status light by performance category**

Status Light	Safety	Schedule	Budget	Funding
 Green	97.3%	56.8%	89.2%	83.8%
 Yellow	2.7%	13.5%	2.7%	8.1%
 Red	0.0%	29.7%	8.1%	8.1%

(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	12	32.4%
Improved	4	10.8%
Got worse	10	27.0%
Stayed the same (except all green)	11	29.7%
<b>Total Projects</b>	<b>37</b>	

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

**Table S3. Individual Projects**

Project Number	Title	Safety		Schedule		Budget		Funding		Page
		Q2	Q3	Q2	Q3	Q2	Q3	Q2	Q3	
<b>CONSTRUCTION/IMPLEMENTATION</b>										
<b>ROW Bridges</b>										
002113	Guadalupe River Bridges Replacement and Extension	●	●	●	●	●	●	●	●	8
100762	San Francisquito Creek Emergency Bank Stabilization	●	●	●	●	●	●	●	●	15
<b>Stations</b>										
100761	Level Boarding Roadmap (Study)	●	●	●	●	●	●	●	●	21
<b>ROW Grade Crossings</b>										
100426	Churchill Avenue Grade Crossing	●	●	●	●	●	●	●	●	25
100563	FY21-22 Grade Crossing Improvements	●	●	●	●	●	●	●	●	28
100566	San Mateo Grade Crossing Improvements	●	●	●	●	●	●	●	●	31
<b>ROW Communications &amp; Signals</b>										
100403	Broadband Wireless Communications System	●	●	●	●	●	●	●	●	36
100432	Migration to Digital Voice Radio System	●	●	●	●	●	●	●	●	40
100449	Next Generation Visual Messaging Sign (VMS)	●	●	●	●	●	●	●	●	43
100572	Communication System SOGR	●	●	●	●	●	●	●	●	46
<b>Miscellaneous</b>										
100233	MP-36 Locomotive Mid-Life Overhaul Project	●	●	●	●	●	●	●	●	50
100430	CCF BCCF Virtualization	●	●	●	●	●	●	●	●	54
100676	San Mateo Replacement Parking Track	●	●	●	●	●	●	●	●	58
100684	Mini-High Platforms	●	●	●	●	●	●	●	●	61
<b>DESIGN (includes Preliminary and Final Design, and Procurement)</b>										
<b>Grade Separations</b>										
002152	South Linden & Scott Grade Separation	●	●	●	●	●	●	●	●	65
100244	Broadway Burlingame Grade Separation	●	●	●	●	●	●	●	●	68
100482	Rengstorff Grade Separation	●	●	●	●	●	●	●	●	72
100617	Mountain View Transit Center Grade Separation & Access Project	●	●	●	●	●	●	●	●	76
<b>Stations</b>										
100459	22nd Street ADA Improvement	●	●	●	●	●	●	●	●	81
<b>ROW Bridges</b>										
100759	San Francisquito Creek Bridge Acoustic Monitoring System	●	●	●	●	●	●	●	●	85

**Table S3. Individual Projects (Continued)**

Project Number	Title	Safety		Schedule		Budget		Funding		Page
		Feb	Mar	Feb	Mar	Feb	Mar	Feb	Mar	
<b>ROW Communications &amp; Signals</b>										
100614	Predictive Arrival/Departure System (PADS) Gap Coverage	●	●	●	●	●	●	●	●	89
<b>Miscellaneous</b>										
100780	MS4 Trash Management	●	●	●	●	●	●	●	●	93
100785	4th & King Yard Preparation (4KY)	●	●	●	●	●	●	●	●	96
<b>PLANNING (includes Initiation and Design to 15%)</b>										
<b>Grade Separations</b>										
100410	Whipple Avenue Grade Separation Study	●	●	●	●	●	●	●	●	102
100667	Bernardo Avenue Undercrossing	●	●	●	●	●	●	●	●	104
100668	Mary Ave Grade Separation	●	●	●	●	●	●	●	●	106
100687	Downtown Rail Extension (DTX)	●	●	●	●	●	●	●	●	109
100703	Middle Avenue Undercrossing	●	●	●	●	●	●	●	●	112
100733	North Fair Oaks Bike and Pedestrian Crossing	●	●	●	●	●	●	●	●	115
100776	Connecting Palo Alto	●	●	●	●	●	●	●	●	119
<b>ROW Bridges</b>										
100427	San Francisquito Creek Bridge Conceptual Design & Community Engagement	●	●	●	●	●	●	●	●	123
<b>CLOSEOUT (includes Start-up/Turnover and Closeout)</b>										
<b>Grade Separations</b>										
002088	25th Avenue Grade Separation	●	●	●	●	●	●	●	●	128
<b>Stations</b>										
002146	South San Francisco Station Improvement	●	●	●	●	●	●	●	●	134
<b>ROW Bridges</b>										
100439	Bayshore Station Overpass Pedestrian Bridge Rehab	●	●	●	●	●	●	●	●	140
<b>ROW Grade Crossings</b>										
100522	Watkins Ave Grade Crossing Safety Improvements	●	●	●	●	●	●	●	●	145
<b>Fare Collection</b>										
100240	Ticket Vending Machines (TVM) Rehab	●	●	●	●	●	●	●	●	149
<b>Miscellaneous</b>										
100445	Automatic Passenger Counters at San Francisco 4th & King Station	●	●	●	●	●	●	●	●	155
<b>Projects with Deferred Funding</b>										
<b>Miscellaneous</b>										
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: \$ 3,094,294,948

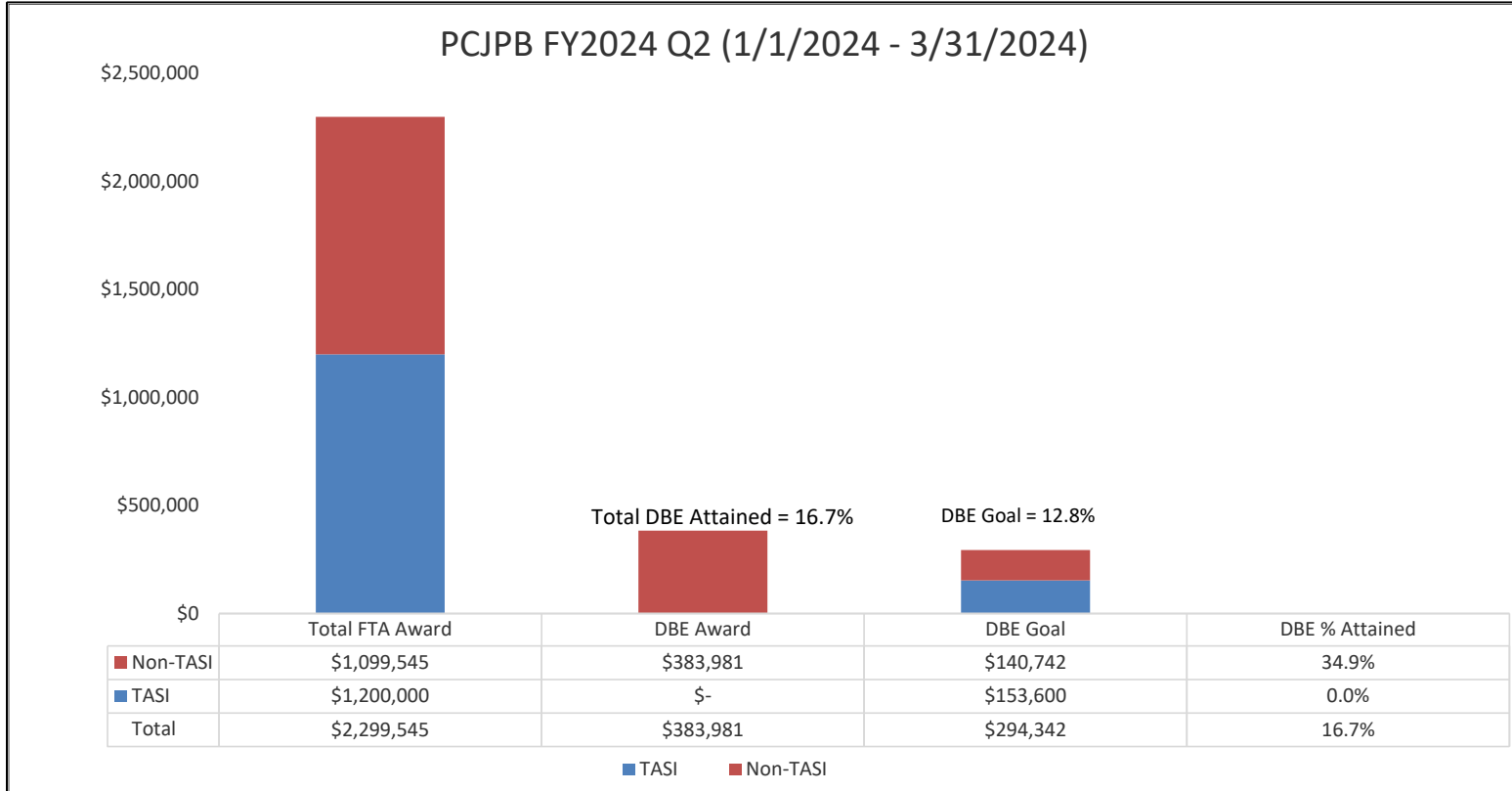
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**Appendix A - Disadvantaged Business Enterprise (DBE)**

**Disadvantaged Business Enterprise (DBE)**



# PCJPB Award



Note: The overall triennial DBE goal for Federal Fiscal Years 2023-25 is 12.8%. The quarterly DBE attainment was 16.7% for both TASI and Non-TASI combined.