



Project Overview



Project Overview

- San Francisco to San Jose (Tamien Station)
- 51 miles
- Project Cost: \$2.44B
- Revenue Service: fall 2024



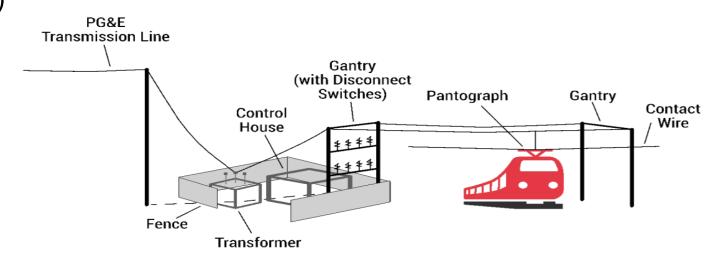


Project Elements

Electrification

- Overhead Contact System (OCS)
- Traction Power Facilities
- Signal System
- Electric Trains
 - 19 7-car train sets (133 cars)

(Note: 96 cars funded by project; 37 cars funded by State TIRCP)



Project Benefits



Project Highlights



Project Highlights

- No change to revenue service date
- Construction progress
 - All foundation work complete
 - Segment 4, "punch list" complete
- Go decision on March/April signal work
 - Segment 2 signal cutover plans developed
 - Temporary service changes prepared for March/April
- Close monitoring of signal installation, testing and system risks
 - Close coordination with PG&E



Project Highlights, cont.

- No change to project budget
 - No draw from project contingency, incentive pool
 - \$46,000 drawn from shared risk pool
 - Proven claim resolution
 - ICAP reevaluation / FTA and CHSRA review
- BBII/JPB additional resources in place and partnering efforts continue
- Progress with FTA and CHSRA on Recovery/Remediation Plan
- Funding
 - State and federal funding opportunities identified and advocacy continues
 - \$150M project financing approved by JPB



Foundations Complete Celebration

U.S. Congresswoman Anna EshooU.S. Congresswoman Jackie SpeierCA State Speaker Pro TemporeKevin Mullin

CA State Assemblymember Phil Ting
CA State Senator Scott Wiener
President of the San Francisco
Board of Supervisors & Caltrain
Board Member Shamann Walton



Upcoming Milestones

Item	Date
Finalize Recovery / Remediation Plan	March 2022*
Major Signal System Cutovers in Segment 2	March 2022
Arrival of First Trainset	April 2022
Energization of Segment 4	June 2022**
Completion of Segment 4	June 2022**

^{*}Previous milestone January 2022. Review time extended. No impact to revenue service date.

^{**30-}day delay. No impact to revenue service date.

Safety and Security

Time Period	Reportable Injury Rate		
Year-to-Date	0		
Since Project Start (2017 to Today)	1.71		

Note: National Average Reportable Injury Rate is 2.50

- OCS safety awareness training complete
 - Caltrain employees
 - BBII
 - TASI roadway workers
 - Transit police
- Contractors / subcontractors COVID-19 plans based on federal, state and local requirements
- Collaboration with San Jose / Santa Clara Fire Departments (upcoming emergency response exercise)

Caltrain

Construction Update

January / February 2022



Construction Segments



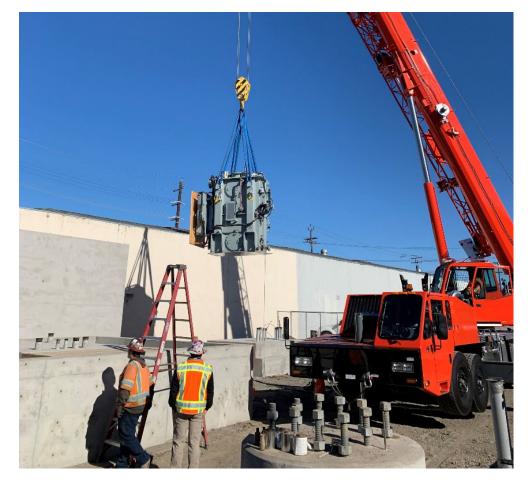
Overhead Contact System

- Foundations (3,092 total)
 - All Segments: Complete
- Poles (2,587 total)
 - Segments 3, 4 and CEMOF: Complete
 - Segments 1 and 2: 722 poles remaining (758 previous)
- Wire (1.5M linear feet total)
 - Segments 3 and 4: Complete
 - Segments 1 and 2: 571K linear feet remaining



Traction Power Facilities

- 10 facilities
- Approximately 83% complete (80% previous)
- Work remaining: energization, commissioning, testing
- Anticipated completion fall 2022





Signal System and Communication

- 2 Speed Check
 - Segment 4
 - Complete "punch list"
 - Segment 2
 - Major cutover mid-March (temporary service schedule)
 - 17 grade crossings in Burlingame and San Mateo
 - Work dates: March 14th to April 2nd
 - Anticipated completion November 2022
 - Segments 1 and 3 work remaining
- Crossing Optimization Project work on-going



Temporary Service Schedule

- Temporary train schedule March 14 to April 1
- No change: Mid-day, evening, and weekend schedules
- Overall service reduction from 104 to 88 trains/weekday
 - Peak service reduction from 4 to 3 limited trains/hour/direction
 - No local service during peak hours
 - Suspended Baby Bullet service
- Trains single-track at Broadway, Burlingame, San Mateo, Hayward Park and Hillsdale stations

Customer Outreach

- Landing page
- Organic social
 (Twitter, FB, IG, Nextdoor, Tiktok)
- Paid digital and print ads
- Station ambassadors
- Email blasts
- Mobile app alerts

- Visual messaging signage at stations
- Onboard and station announcements
- Press release
- Amplify message via elected officials, cities, counties
- Updates to key stakeholders, business groups
- 50% off fare promotion for month of April

Electric Trains

- FRA successful final inspection prior to shipment
- Completion of first article inspection for trainset 3 and 4 in Salt Lake City, UT
- First trainset to be shipped March 2022
- Rebaseline of production schedule
- 14th trainset anticipated arrival fall 2023
- 19th trainset anticipated arrival fall 2024

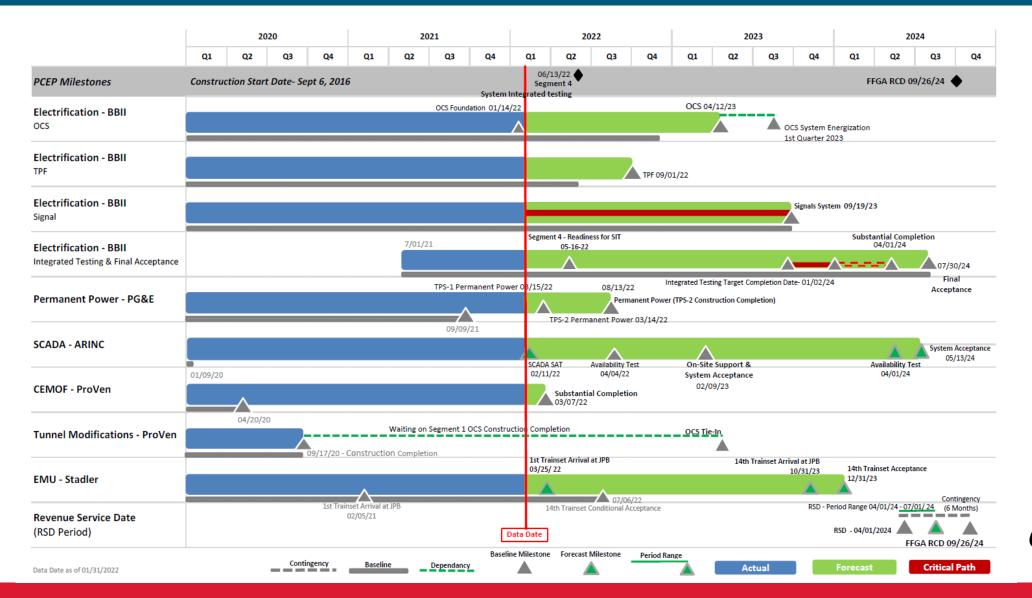


Program Management



Program Master Schedule

Revenue Service Fall 2024





Top Risks

Risk	Mitigation
Late completion of Signal Phase Study (SPS) for TPS 2 impact to Segment 4 OCS/TPS Commissioning and EMU testing	Technical team meetings with PG&E weekly to expedite modeling effort for SPS. Caltrain and PG&E Executives meetings weekly to monitor progress.
Late execution of PG&E Transmission Operating Load Agreement impact to Segment 4 energization	Technical team and management to expedite documentation reviews.
Delay of signal design, installation and testing	Global settlement resolved signal scope and fee. PCEP team and Design Builder focused on timely completion of cutovers.
\$410M state/federal funding plan	Funding team has identified federal and state grant opportunities to pursue. Targeted advocacy is on-going.
Contractor field resources and equipment availability	Schedule / resources workshop with contractor. Identifying areas of concern and solutions.
Caltrain resources for project acceptance, operations and maintenance	Organization and specialized staff plan development.

Green = Mitigations/actions identified and no impact to budget/schedule

Yellow = Mitigations/actions identified and potential impact to budget/schedule

Red = Impact to budget/schedule



Program Budget

Description of Work	Current Budget (1)	Cost for Month (2)	Cost to Date (3)	Estimate to Complete	Project Total
Electrification	\$1,749,139,438	\$43,002,814	\$1,172,554,984	\$576,584,454	\$1,749,139,438
EMU	\$693,551,258	\$13,710,817	\$333,637,226	\$359,914,849	\$693,551,258
Program Total	\$2,442,690,697	\$56,713,631	\$1,506,192,210	\$936,498,487	\$2,442,690,697

Notes:

- 1 "Current Budget" includes executed change orders and awarded contracts
- 2 "Cost This Month" represents cost of work performed January 2022
- 3 "Cost To Date" includes actuals (amount paid) and accruals (amount of work performed) as of January 2022



Contingency, Risk and Incentive

	Project Contingency	BBII Shared Risk Pool	BBII Incentive Pool*	Total
Baseline Amount as of 12/6/21	\$40.0M	\$50.0M	\$18.5M	\$108.5M
Usage / Add through 2/28/22	(\$0.0M)	(\$0.05M)	(\$0.0M)	(\$0.0M)
Remaining Balance	\$40.0M	\$45.95M	\$18.5M	\$108.45M

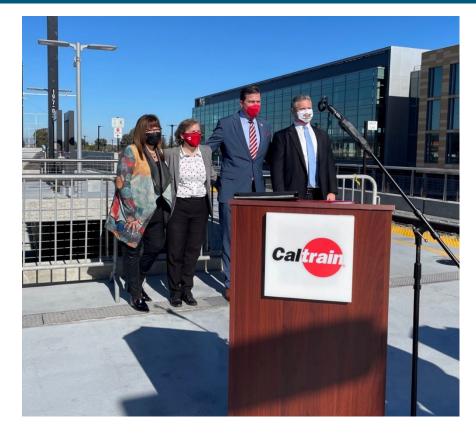
Notes: *Total incentive includes carryover from original budget and \$15M from BBII global settlement

Funding Update

- \$410M State / Federal funding plan being developed
- Funding team with consultant support activated
- Federal efforts
 - Advocate for infrastructure funding for FFGA projects impacted by COVID with completion certainty
 - FRA State Partnership for Intercity Rail grant program in partnership with HSR

Funding Update, cont.

- State efforts
 - Advocate for "TIRCP Plus" funding through State budget process
 - Support AB 2197 (Mullin) for \$260M project funding
 - Assess CTC Solutions for Congested Corridors
 Program for eligibility and competitiveness
- Work with MTC on capital project list for state and federal advocacy



Kevin Mullin, CA State Speaker Pro Tempore **Charles Stone**, JPB member, Belmont City Council **Rosanne Foust**, SAMCEDA Executive Director



Upcoming Board Actions

- Proven claim resolution
 - No change to budget
 - Need contract authority

FOR MORE INFORMATION

WWW.CALTRAIN.COM

