

Caltrain Electrification Project Update

Peninsula Corridor Joint Powers Board

April 4, 2024

Agenda Item #8



Project Highlights

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- Schedule: No change to revenue service date - fall 2024
- Budget: No change to project budget - \$2.44B
 - \$14K February 2024 draw from “\$50M Shared Risk Pool”
 - \$4.74M February 2024 draw from “\$40M Project Contingency”
- Construction
 - Winter Storm Repairs Complete
 - Short Circuit Testing
 - Successfully Tested Switching Station and Paralleling Stations 3-6 from both Traction Power Facilities
 - Final Short Circuit Test - April 5th
 - Remaining Live Runs and End to End Live Runs Complete in Late April 2024
- Electric Trains
 - Fifth Electric Trainset Completed 1,000-Mile Test
 - Ten Trainsets On-Site
 - Next Two Trainsets Expected June 2024

Safety and Security

Time Period	Reportable Injury Rate
January 1 to February 29, 2024	0
Since Project Start (2017)	1.95

Note: National Average Reportable Injury Rate is 2.4.

- **Zero reportable injuries in February 2024**
- Project Safety Awareness trainings ongoing for Local Fire and Police Departments (1,000 emergency responders trained to date)
- Completed 25kV training for all TASI and tenant railroad staff
- Development of emergency responder safety presentation for local first responders

Project Contingency and Shared Risk Pool

Item	Amount	Drawn in February 2024	Drawn To Date	Amount Remaining
BBII Shared Risk Pool	\$50.00M	\$0.01M	\$15.75M	\$34.25M
Project Contingency	\$40.00M	\$4.74M	\$35.21M	\$4.79M
Total	\$90.00M	\$4.75M	\$50.96M	\$39.04M

Top Risks

- Theft of Impedance Bonds Cables
- Remaining Short Circuit Testing
- Timely Completion of Integrated Testing and Live Runs
- Contractor Quality Control and Quality Assurance

Service Changes and Customer Experience

Upcoming Weekend Service Changes

April 13-14 & 20-21

- Service changes to support electric train test runs between San Francisco and Mountain View
- **Morning Service (Significant Impacts):**
 - No Caltrain service between San Francisco and Mountain View (Approximately 7am to 1pm)
 - Replacement bus bridge provided at high ridership stations:
 - San Francisco, Millbrae, Hillsdale, Redwood City, Palo Alto, and Mountain View
 - There will be no replacement bus or train service at other stations between San Francisco and Mountain View. Alternative transit suggestions provided.

	Bus	Train
Tamien	-	•
San Jose Diridon	-	•
Santa Clara	-	•
Lawrence	-	•
Sunnyvale	-	•
Mountain View	•	•
San Antonio	-	-
California Avenue	-	-
Palo Alto	•	-
Menlo Park	-	-
Redwood City	•	-
San Carlos	-	-
Belmont	-	-
Hillsdale	•	-
Hayward Park	-	-
San Mateo	-	-
Burlingame	-	-
Broadway	-	-
Millbrae	•	-
San Bruno	-	-
South San Francisco	-	-
Bayshore	-	-
22nd Street	-	-
San Francisco	•	-

Upcoming Weekend Service Changes

April 13-14 & 20-21

- **Mid-Day Service (No impacts)**
 - Regular Northbound Service Resumes with Train #237 at 12:12 p.m.
 - Regular Southbound Service Resumes with Train #236 at 11:58 a.m.
- **Evening Service (Some impacts)**
 - Southbound Train #280: Departs 30 minutes prior to regular schedule at 10:28pm
 - Last Northbound Train #281 (11:05pm): Canceled. No replacement bus service
 - Last Southbound Train #284 (12:05am) Canceled. No replacement bus service
- One additional bus bridge weekend expected in June 2024 (last one)

Customer Communication

- Web/Mobile
 - Landing page: caltrain.com/status
 - Caltrain Mobile App Alerts
 - Social Media
 - Nextdoor.com Posting
 - Website & 511 Transit Alerts
- Stations/Onboard
 - Station Signage (Notification and Wayfinding)
 - Train Seat Drops
 - Station Ambassadors
 - Station Audio Announcements
- Press Release
- Transit Alternatives List



NOTICE

TEMPORARY WEEKEND SERVICE CHANGE

NO MORNING TRAIN OR BUS BRIDGE SERVICE AT THIS STATION FOR NORTHBOUND Trains #221, 225, 229 & 233
Regular Northbound Service Resumes at 12:12 pm from San Jose Diridon

SOUTHBOUND Trains #224, 228 & 232
Regular Southbound Service Resumes at 11:58 am from San Francisco
Southbound Train #680 Departs at 10:28 pm

TRAIN SERVICE CANCELED
Northbound Late Night Train #281
Southbound Late Night Train #284

Please use alternate transit options near these stations to complete your journey or board the train at a station with a bus bridge in place.

For information, visit www.caltrain.com/status

Customer Service: 1.800.650.4287
Hearing Impaired: (415) 650.508.6448
Weekdays: 7 am - 7 pm | Weekends & holidays: 8 am - 5 pm

TEMPORARY WEEKEND SERVICE CHANGE

MORNING BUS BRIDGE

There will be NO train or bus bridge service for these trains at 22nd St., Bayshore, So. San Francisco, San Bruno, Broadway, Burlingame, San Mateo, Hayward Park, Belmont, San Carlos, Menlo Park, California Ave, and San Antonio stations.
Regular Service Resumes with Northbound Train #237 at 12:12 pm
Regular Service Resumes with Southbound Train #236 at 11:58 am

Northbound - WEEKEND SERVICE TO SAN FRANCISCO

Train No.	621	625	629	633	281
San Jose Diridon	7:15a	8:15a	10:15a	11:15a	---
San Bruno	7:20a	8:20a	10:20a	11:20a	---
San Francisco	7:25a	8:25a	10:25a	11:25a	---
San Francisco	7:30a	8:30a	10:30a	11:30a	---
San Francisco	7:35a	8:35a	10:35a	11:35a	---

Southbound - WEEKEND SERVICE TO SAN JOSE

Train No.	624	628	632	636	284
San Francisco	7:10a	8:10a	10:10a	11:10a	---
San Bruno	7:15a	8:15a	10:15a	11:15a	---
San Jose Diridon	7:20a	8:20a	10:20a	11:20a	---
San Jose Diridon	7:25a	8:25a	10:25a	11:25a	---
San Jose Diridon	7:30a	8:30a	10:30a	11:30a	---

*No train or bus bridge service

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WEEKEND SERVICE SHUTDOWNS IN EFFECT!

INTERRUPCIONES DEL SERVICIO DE FIN DE SEMANA

周末服务暂停

Check status: CALTRAIN.COM/STATUS

We appreciate your patience as we work to improve service for our riders as part of Caltrain Electrification.

Customer Service: 1.800.650.4287
Weekdays: 7 am - 7 pm
Weekends & Holidays: 8 am - 5 pm

Electric Train Tour + 160 Anniversary Event



- Event Details
 - Date: May 11, 2024 (National Train Day)
 - Time: 10:30a-2:30p
 - Location: San Carlos Station
- Activities
 - Electric Train Tour
 - 160 Years of Passenger Rail
 - Community Booths
 - Food Trucks

Upcoming Board Items

Upcoming Board Items

- Monthly Updates on Construction Progress and Service Changes

PCEP Project – Construction Update

Board of Directors Update

April 04, 2024



Focus Areas

- Continue viewing everything thru the Zero Harm lens – Improving RIR – 1.63 2023, 1.66 Job to Date
 - Zero Recordables or Lost Times for the month of January and February
- OCS Production – Complete
 - Burlingame Re-Build – Complete
- Traction Power Stations and WPCs
 - Short Circuit Test 1, 2, 4, & 5 Complete
 - SCADA Testing – Complete
- Training Schedule
 - OCS – Complete
 - Signals – Additional Requested Training – April 23 - 25
 - Traction Power – May 2024
- Punchlist Execution – 10,572 of 17,486 Complete
 - 98% of the areas walked & punch list established
 - 60% punch list items complete
- Closeout Execution
 - As-Built 99% complete and submitted to the EOR for redline
 - As-Built 85% complete and submitted to JPB for approval
- Measuring what we do every day

Current Short Circuit Testing & Live Run Testing Plan

- Note: The Short Circuit Testing dates are confirmed by PG&E

SC Test	Track	Teams @ MP	Revised Dates	Sub Station	Limits
Test 1	MT 2	45.24	3/23/2024	TPS 1	1.1 to 45.24
Test 2	MT 1	26.2	3/22/2024	TPS 1	TPS 1 to 26 Mp
Test 3	MT 2	1.1	4/5/2024	TPS 2	TPS 2 to 1.1
Test 4	MT 2	26.2	3/15/2024	TPS 2	TPS 2 to 26.2
Test 5	MT 2	38.61(PS 6)	3/16/2024	TPS 2	TPS 2 to SWS(26.1)

Risk to Substantial Completion?

- Are there still risk to the plan?
 - Yes
 - Successful Short Circuit Testing
 - Successful Live Run Test
 - Closing out every piece of paperwork – Time to do it, time to review it, time to close it

FOR MORE INFORMATION

WWW.CALTRAIN.COM

