

# Caltrain Electrification Project Update

Peninsula Corridor Joint Powers Board

May 2, 2024

Agenda Item #11



# Project Highlights

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- Schedule: No change to revenue service date - fall 2024
- Budget: No change to project budget - \$2.44B
  - \$1.21M March 2024 draw from “\$50M Shared Risk Pool”
  - \$0.56M March 2024 draw from “\$40M Project Contingency”
- Testing, Punchlist & Pre-Revenue Service
  - Short Circuit Testing Complete
  - All Live Runs, including End to End Run, Complete
  - Complete all Punchlist Walks
  - Substantial Completion is on Target
  - Power Contingency Test in June
- Electric Trains
  - Six Electric Trainset Completed 1,000-Mile Test
  - Nine Trainsets On-Site
  - Next Two Trainsets Expected mid-May 2024

# Safety and Security

Time Period	Reportable Injury Rate
January 1 to March 31, 2024	0
Since Project Start (2017)	1.95

*Note: National Average Reportable Injury Rate is 2.4.*

- **Zero reportable injuries in March 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 March 2024	Drawn To Date	Amount Remaining
BBII Shared Risk Pool	\$50.00M	\$1.21M	\$16.96M	\$33.04M
Project Contingency	\$40.00M	\$0.53M	\$30.40M	\$9.60M
<b>Total</b>	<b>\$90.00M</b>	<b>\$1.74M</b>	<b>\$47.36M</b>	<b>\$42.64M</b>

# Top Risks

- Theft of Impedance Bonds Cables
- Close out punch lists and documentation before Final Acceptance

# **Service Changes and Customer Experience**

# Upcoming Weekend Service Changes

June 8-9

- Service changes to support power contingency test
- **All Day Service Changes**
  - No Caltrain service between San Francisco and San Jose
  - Replacement bus bridge provided at high ridership stations:
    - Buses will only serve Millbrae, Palo Alto, and San Jose
    - There will be no replacement bus or train service at other stations
    - Alternative transit suggestions will be provided.
    - Customers going to/from San Francisco will need to transfer to/from BART at Millbrae





# Customer Communication

- Web/Mobile
  - Landing page: [caltrain.com/status](http://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](http://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	623	633	281
San Jose Diridon	7:15a	8:15a	10:15a	11:15a	---
San Bruno	7:30a	8:30a	10:30a	11:30a	---
San Francisco	7:45a	8:45a	10:45a	11:45a	---
San Francisco	7:55a	8:55a	10:55a	11:55a	---
San Francisco	8:05a	9:05a	11:05a	---	---

**Southbound - WEEKEND SERVICE TO SAN JOSE**

Train No.	624	628	632	630	284
San Jose Diridon	7:15a	8:15a	10:15a	11:15a	---
San Bruno	7:30a	8:30a	10:30a	11:30a	---
San Francisco	7:45a	8:45a	10:45a	11:45a	---
San Francisco	7:55a	8:55a	10:55a	11:55a	---
San Francisco	8:05a	9:05a	11:05a	---	---

\*No train or bus bridge service

For information, visit [www.caltrain.com/status](http://www.caltrain.com/status)

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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](http://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

# Public Outreach Safety Campaign

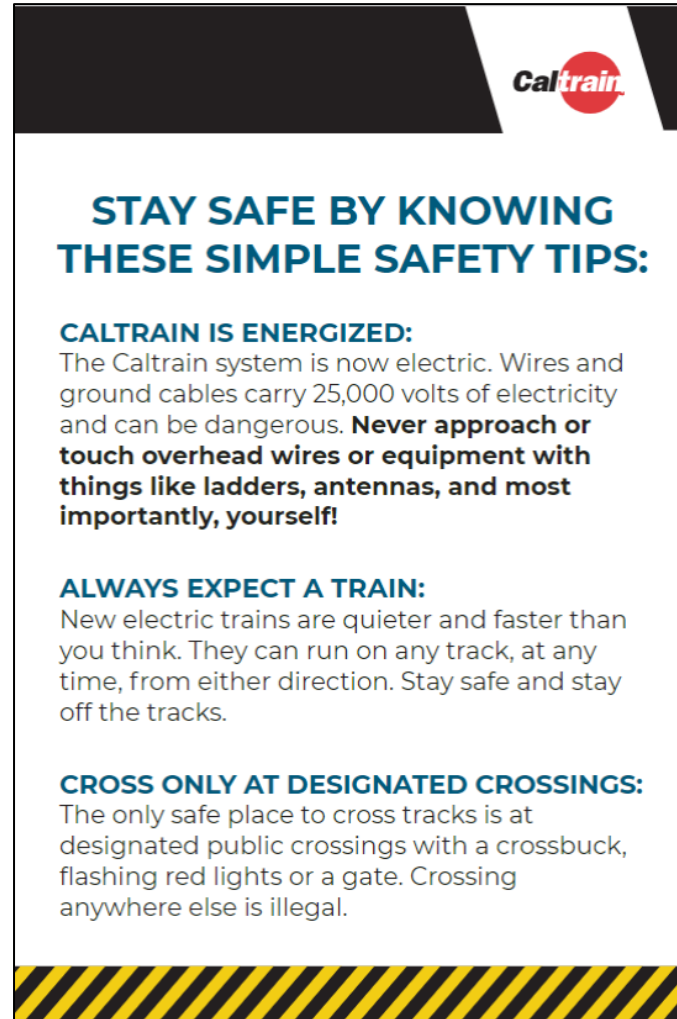
- Community Meetings
- Residential Mailers
- Onboard Outreach
- School Campaign
- Public Service Announcements
- Right-of-way outreach

## Safety Tips and Video

[www.caltrain.com/safety](http://www.caltrain.com/safety)

## Classroom Resources

[www.caltrain.com/school-outreach](http://www.caltrain.com/school-outreach)



Caltrain

### STAY SAFE BY KNOWING THESE SIMPLE SAFETY TIPS:

**CALTRAIN IS ENERGIZED:**  
The Caltrain system is now electric. Wires and ground cables carry 25,000 volts of electricity and can be dangerous. **Never approach or touch overhead wires or equipment with things like ladders, antennas, and most importantly, yourself!**

**ALWAYS EXPECT A TRAIN:**  
New electric trains are quieter and faster than you think. They can run on any track, at any time, from either direction. Stay safe and stay off the tracks.

**CROSS ONLY AT DESIGNATED CROSSINGS:**  
The only safe place to cross tracks is at designated public crossings with a crossbuck, flashing red lights or a gate. Crossing anywhere else is illegal.

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Right-of-Way Flyer



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## STAY AWARE, STAY SAFE.

Caltrain is getting an upgrade: out with diesel, in with electricity! While this change means big improvements for the Caltrain community, it also means new electric overhead wires will be installed to power the new trains. Electric overhead wires can be **dangerous and even life-threatening**. The new electric trains will also be much quieter than the diesel trains. You can stay safe by following a few easy rules:

- **Always wait for the gate**  
Even if you can't hear the new trains coming, make sure to wait for the gate to fully rise before crossing.
- **Be mindful of overhead wires**  
Caltrain's electric overhead wires carry 25,000 volts of electricity and can be dangerous. Never approach overhead wires with things like ladders, antennas, balloons, and most importantly, yourself!
- **Stay away from damaged wires**  
If you see a downed or otherwise damaged overhead wire, stay at least 25 feet away and call the Transit Police at 1.877.SAF.RAIL (1.877.723.7245).

Caltrain Caltrain.com/safety

**CALL 1.877.SAF.RAIL**  
for any emergency on Caltrain, to report suspicious activity, or if you see a damaged electrical wire.

Residential Mailer



# Upcoming Board Items

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- Monthly Updates on Construction Progress and Service Changes

# PCEP Project – Construction Update

Board of Directors Update

May 02, 2024



# Focus Areas

- Continue viewing everything thru the Zero Harm lens – Improving RIR – .76 – 2024 YTD, 1.60 Job to Date
  - 1-Recordable and 0-Lost Times for the month of January - April
- Traction Power Stations and WPCs
  - Short Circuit Test 1, 2, 4, & 5 Complete
  - SCADA Testing – Complete
- Live Run Testing
  - End-To-End Testing – Complete
- Training Schedule
  - OCS – Complete
  - Signals – Additional Requested Training – Complete
  - Traction Power – April/May 2024
- Punchlist Execution
  - 100% of the areas walked & punch list established
  - 72% punch list items complete
- Closeout Execution
  - Substantial Completion – Submitted Application May 1<sup>st</sup> 2024
  - Final Acceptance – September 8, 2024
- Continue to measure what we do every day





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## **Risk to Final Acceptance**

- Punchlist Completion/Acceptance
- Track Access to Complete Punchlist Timely
- Resolving Legacy QC Issues
- Closing Out Municipal Permits