

# Peninsula Corridor Electrification

Creates Thousands of Jobs and Supports Continued Productivity



**SUSTAINABILITY**  
Improved Air Quality  
Reduced Regional Traffic Congestion

**CAPACITY**  
Accommodates More Riders  
Provides Faster Service

## SAN JOSE TRACTION POWER SUBSTATION AND TEST TRACK FACT SHEET | March 2018

### PROJECT OVERVIEW

Over the last decade, Caltrain has experienced a substantial increase in ridership and anticipates further increases in ridership demand as the Bay Area's population grows. Caltrain Electrification, scheduled to be operational by 2022, will electrify and upgrade the performance, operating efficiency, capacity, safety and reliability of Caltrain's commuter rail service.

Caltrain electrification is a key component of the Caltrain Modernization Program and consists of replacing diesel-hauled trains with electric trains for service between Fourth and King Street Station in San Francisco and the Tamien Station in San Jose. The project will include the installation of new electrical infrastructure and the purchase of electric vehicles.

### CONSTRUCTION ACTIVITIES

#### TRACTION POWER SUBSTATION

Installation of the Traction Power Substation (TPS) is expected to begin in spring 2018 and continue for 12 months. The TPS is an unmanned station that will provide electrical power to the electric trains through the Overhead Contact System. The TPS will be installed directly south of Interstate 880 at Stockton Avenue and will have a footprint of 300' x 150'. The footprint will contain the substation house, six disconnect-switches, two transformers, an access road and a parking lot. Installation of the TPS will also include installation of gantry structures up to 50 feet high.

#### TRACTION POWER SUBSTATION INTERCONNECTION

The TPS will require an interconnection with the PG&E Substation. Overhead transmission lines will route from the PG&E substation south across Interstate 880 to the TPS. Construction of the interconnection is expected to be complete in early 2019. A location map for the TPS and interconnection can be found on the opposite side of this fact sheet.

#### TEST TRACK

Foundations, poles and wires will also be installed on an existing maintenance track that will be used to test the new electric trains. The approximately 1.5 mile test track will be located between the Santa Clara

Station and the Caltrain CEMOF facility. Testing is expected to take place during the day time and will occur between summer 2019 to fall 2021.

### WORK HOURS

Work will take place during the day and at night, with night work occurring between 8 p.m. and 6 a.m. There may be occasional 24-hour work on weekends. Caltrain will work with contractors to minimize night work to limit the impact to surrounding communities; however, some work must be performed at night in order to maintain regular Caltrain service. To mitigate noise and other impacts during night and weekend activities, the field team will use acoustical noise barrier blankets and will position lights away from residential and business areas. Caltrain has established a dedicated project hotline and email for residents concerned about these potential impacts.

### PUBLIC INFORMATION OFFICE

Caltrain has established a project information line and project e-mail for Caltrain Electrification to record and respond to questions and comments from residents and stakeholders.

The project information line can be reached at **650.399.9659** or toll free at **800.660.4287**

The project e-mail is [calmod@caltrain.com](mailto:calmod@caltrain.com)

### In addition, Caltrain has established a community outreach office at:

2121 S. El Camino Real  
Suite A-100  
San Mateo, CA 94403

A project representative will be available to answer questions in person from 9:00 a.m. and 5:00 p.m. Mondays through Fridays during construction.


Sign up for weekly construction updates at:  
[www.calmod.org/get-involved](http://www.calmod.org/get-involved)

### FOR MORE INFORMATION

 [calmod.org](http://calmod.org)

### CONTACT

MAIL: 2121 S. El Camino Real, Suite 300  
San Mateo, CA 94403

 650.399.9659

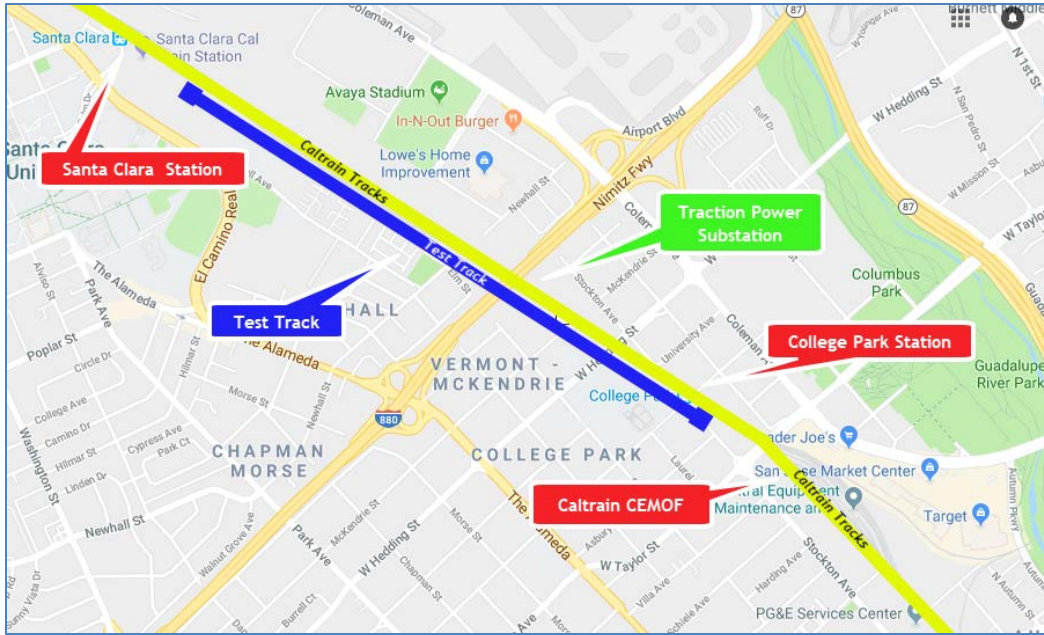
 [calmod@caltrain.com](mailto:calmod@caltrain.com)



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## WORK AREA



## TRACTION POWER SUBSTATION AREA





### FOR MORE INFORMATION

 [calmod.org](http://calmod.org)

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