

Peninsula Corridor Electrification

Creates Thousands of Jobs and Supports Continued Productivity



SUSTAINABILITY
Improved Air Quality
Reduced Regional Traffic Congestion

CAPACITY
Accommodates More Riders
Reduces Delays

ELECTRIFICATION Caltrain **GROUND BREAKING**

SOUTH SAN FRANCISCO FACT SHEET | February 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

POLE AND WIRE INSTALLATION

Pole and wire installation for the Overhead Contact System will start in March 2018 and continue for a duration of 3-4 months. Caltrain will be installing ninety-seven (97) poles along the Caltrain Right-of-Way in the South San Francisco corridor. Pole types will include single-track cantilever, two-track cantilever, and portal poles which will vary in height from 30 feet to 50 feet. Poles will be spaced approximately 180 feet apart.

TRACTION POWER SUBSTATION

Installation of the Traction Power Substation (TPS) is expected to begin in April 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 at the existing South San Francisco Station and will have a footprint of 279' x 115'. The footprint will contain the substation house, two 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. Caltrain and the City of South San Francisco are collaborating to identify screening options for the TPS.

TRACTION POWER SUBSTATION INTERCONNECTION

The TPS will require an interconnection with the PG&E East Grand Substation. Underground circuits will route from the PG&E substation to the northeast corner of East Grand Avenue and Gateway Boulevard. Overhead transmission lines will then route over the railroad tracks 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.

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. Work for the TPS will take place during the weekday and weekend, with work occurring between 6:30 a.m. and 5:00 p.m. There will be limited night work on the TPS during construction.

Caltrain will work with its 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.

CONTACT INFORMATION

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

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

FOR MORE INFORMATION

 calmod.org

CONTACT

MAIL: 2121 S. El Camino Real, Suite 300
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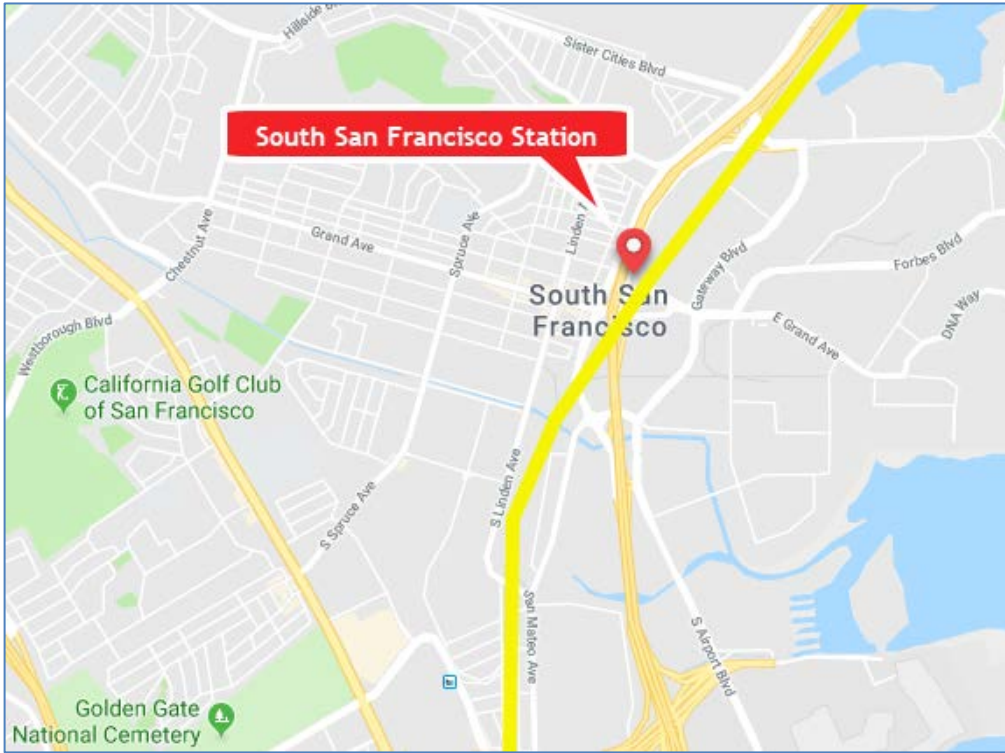
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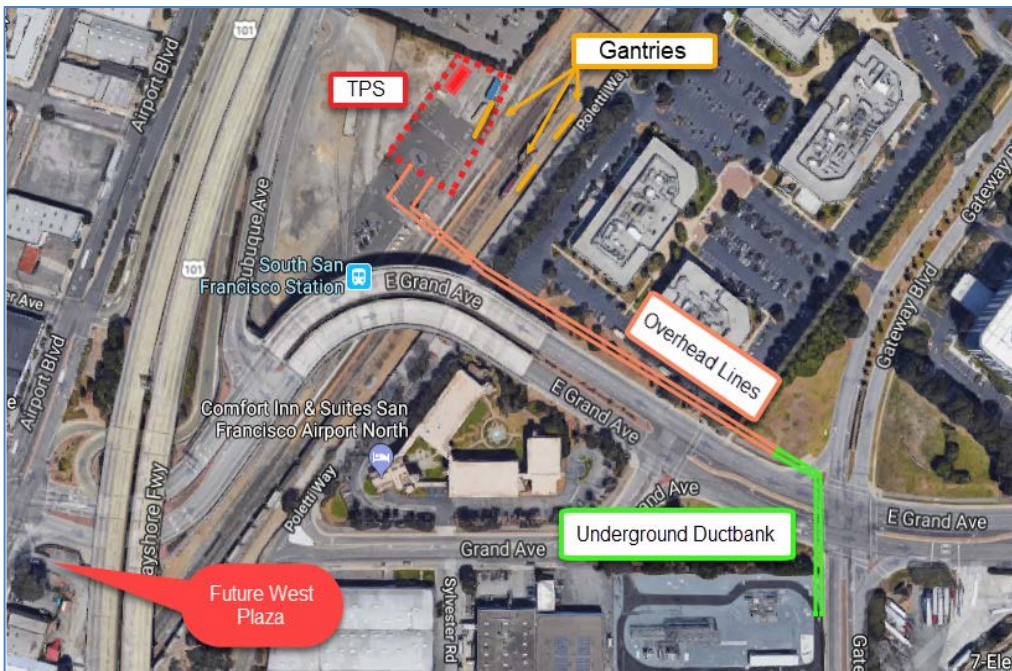
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WORK AREA



TRACTION POWER SUBSTATION AREA





FOR MORE INFORMATION

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