

CALTRAIN ELECTRIFICATION



SAN FRANCISCO FACT SHEET | February 2021

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

In winter 2018, Caltrain began performing work along the railroad corridor in San Francisco.

The activities during this time included locating underground utilities, testing soil conditions, inspecting signal/communication equipment, potholing, and pruning/removing trees in preparation for the installation and operation of the Overhead Contact System that will power electric trains.

DATE	WORK ACTIVITY	COMPLETION
In Progress	Tree Pruning/Removal	Summer 2021
In Progress	Potholing	Summer 2021
In Progress	Paralleling Stations Construction	Fall 2021
In Progress	Foundation Installation	Fall 2021
Spring/Summer 2021	Pole/Wire Installation	Fall 2021

Expected durations indicates first and last day of activity. Number of actual work days will be fewer.

FOUNDATION INSTALLATION

Foundation work began in early 2021 and will continue over the duration of 4-6 months. Activities for the foundation construction will include excavation, placement of rebar, concrete fill and electrical grounding. Foundations are typically spaced 180 feet apart along the corridor and crews can complete a total of 2-6 foundations per night.

POLE AND WIRE INSTALLATION

Pole and wire installation will start in Spring of 2021 and continue for a duration of 4-6 months. Caltrain will be installing approximately three hundred (300) poles along the Caltrain Right-of-Way in the San Francisco corridor. Poles will vary in height from 30 feet to 50 feet. Poles will be spaced approximately 180 feet apart.

PARALLELLING STATION CONSTRUCTION

Installation of two (2) Paralleling Stations have begun and will continue for 6-9 months. The Paralleling Stations are unmanned facilities that will provide and regulate electrical power to the electric trains through the Overhead Contact System. One Paralleling Station will be installed at the northeast corner of Mariposa Street and Pennsylvania Avenue. The second Paralleling Station will be installed in the Bayshore Station parking lot. Each Paralleling Station will contain a single transformer, control house, and access area. Installation of the Paralleling Station will also include installation of two gantry structures up to 50 feet.

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

FOR MORE INFORMATION

calmod.org

CONTACT

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Peninsula Corridor Electrification

established a dedicated project hotline and email for residents concerned about these potential impacts.

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CONTACT INFORMATION

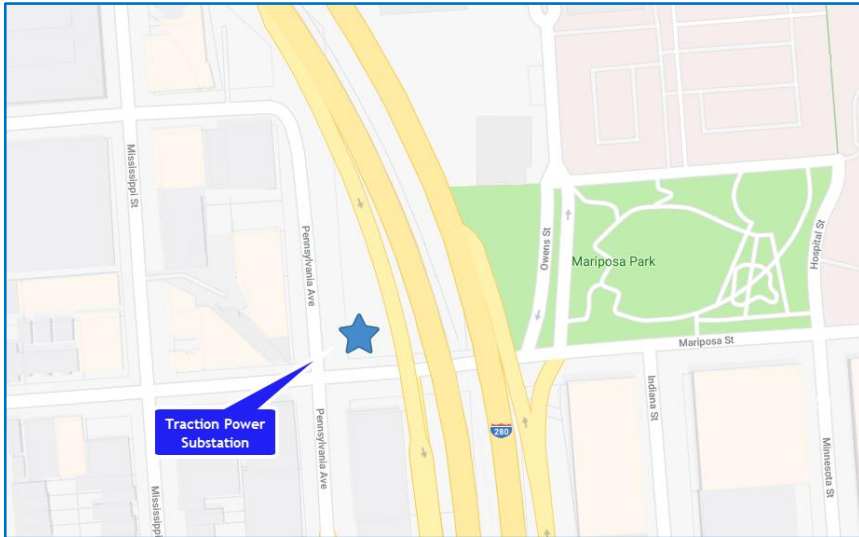
Caltrain has established a project information line and project e-mail for Caltrain Electrification to record and respond to questions and comments from residents and stakeholders.

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

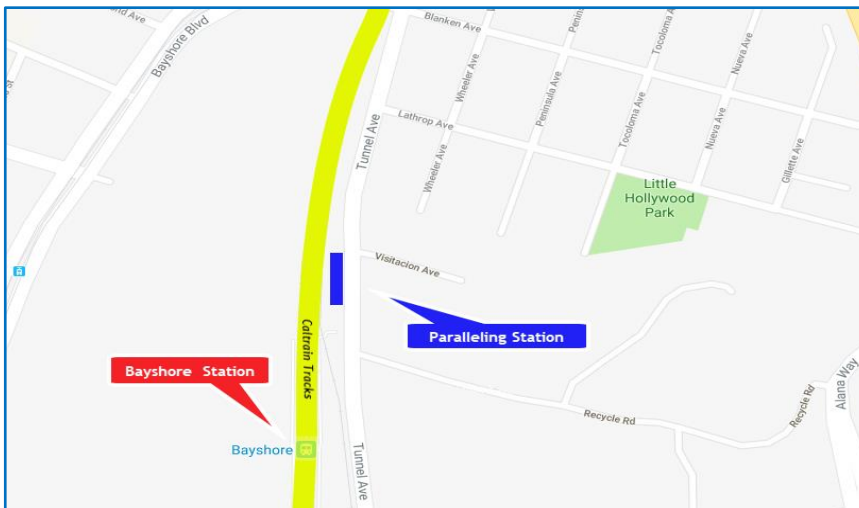
The project e-mail is calmod@caltrain.com

Sign up for weekly construction updates at: www.calmod.org/get-involved

WORK AREA – MARIPOSA/PENNSYLVANIA



WORK AREA – BAYSHORE STATION



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