

# CALTRAIN ELECTRIFICATION



## SUNNYVALE FACT SHEET | October 2019

### 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 Summer 2018, Caltrain began performing work along the railroad corridor in Sunnyvale.

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	EXPECTED COMPLETION
In Progress	Tree Pruning/Removal	Early 2020
In Progress	Potholing	Late 2019
In Progress	Paralleling Station Construction	Early 2020
In Progress	Foundation Installation	Late 2019
Late 2019	Pole Installation	Summer 2020
Early 2020	Wire Installation	Summer 2020
Early 2020	Bridge Barrier Installation	Summer 2020

*Expected durations indicates first and last day of activity. Number of actual workdays will be fewer.*

### FOUNDATION INSTALLATION

Foundation work will start in fall 2019 and is expected to be completed in 3-4 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 late 2019 and is expected to be completed in 4-6 months. Caltrain will be installing approximately two hundred fifty (250) poles along the Caltrain Right-of-Way in the Sunnyvale 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 the Paralleling Station is underway and is expected to be completed in 3-4 months. The Paralleling Station is an unmanned facility that will provide and regulate electrical power to the electric trains through the Overhead Contact System. The Paralleling Station is being installed at the existing Sunnyvale Caltrain Station parking lot and will have a footprint of 100' x 55'. The footprint 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.

### BRIDGE BARRIER INSTALLATION

Bridge Barrier installation is expected to begin Early 2020 and is expected to be completed in 3-4 months. Caltrain will be installing a bridge barrier at the bridge locations at Mathilda Avenue, Fair Oaks Avenue, and Wolfe Road in Sunnyvale.

The Bridge Barriers are necessary to prohibit access to the rail corridor and prevent object from being thrown off the bridges. The barriers will be a combination of chain link screen mesh fencing and polycarbonate paneling. Bridge Barriers will be approximately 10 feet in height and will replace existing Bridge Barrier fencing.

#### FOR MORE INFORMATION

[calmod.org](http://calmod.org)  
 Para traducción llama al 1.800.660.4287  
 如需翻譯,請電 1.800.660.4287  
 Cần dịch thuật, xin gọi 1.800.660.4287

#### 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 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.

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

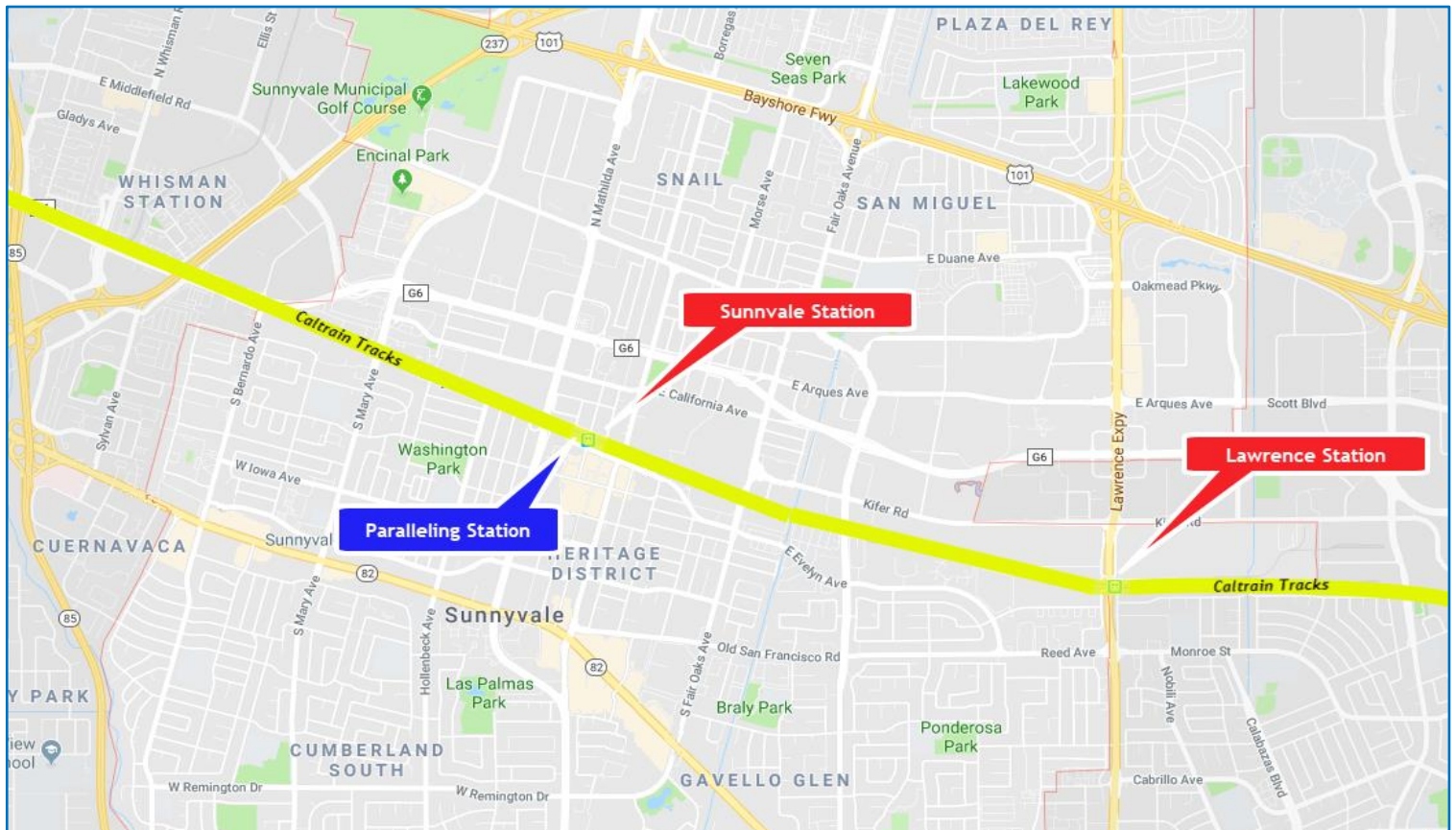
### In addition, Caltrain has established a community outreach office at:

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)

## SUNNYVALE WORK AREA





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