

# CALTRAIN ELECTRIFICATION



## SAN MATEO FACT SHEET | April 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 San Francisco and San Jose. The project will include the installation of new electrical infrastructure and the purchase of electric vehicles.

### CONSTRUCTION ACTIVITIES

In August 2017, Caltrain began performing work along the railroad corridor in San Mateo.

Below is an expected schedule of the remaining work in San Mateo.

START DATE	WORK ACTIVITY
In Progress	Potholing and Signal Work
In Progress	Foundation Installation
May 2021	Pole/Wire Installation
Late May 2021	Gantry Installation at Hillsdale Paralleling Station
Summer 2021	Use of Staging Area between 10 <sup>th</sup> and 14 <sup>th</sup> avenues
Summer 2021	Wire Installation

*Note: Subject to change based on contractor schedule*

### FOUNDATION INSTALLATION

Foundation work has resumed and will continue over the duration of another 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

Installation of poles and wire began in fall 2020 in some areas of San Mateo and is expected to resume in May 2021. Caltrain will be installing approximately one hundred ninety (190) poles along the Caltrain Right-of-Way in the San Mateo corridor. Poles vary in height from 30 feet to 50 feet. Poles will be spaced approximately 180 feet apart. The area along the Caltrain corridor between 10<sup>th</sup> and 14<sup>th</sup> avenues will be used for staging of pole installation equipment starting in Summer 2021 until all poles are installed in the City of San Mateo, which is expected by Fall 2021.

### PARALLELING STATION CONSTRUCTION

Installation of the Paralleling Station in the southern Hillsdale station parking lot began in February 2019 and is expected to be complete in Fall 2021. 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 will contain a single transformer, control house, and access area. Installation of the Paralleling Station will also include installation of two steel gantry structures up to 63 feet which will support the overhead wires. The westside gantry was installed earlier this year and the eastside gantry is expected to be installed as early as May 2021.

#### FOR MORE INFORMATION

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

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650.399.9659  
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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.

## 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)

## HILLSDALE PARALLELING STATION VISUAL APPROXIMATION



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