



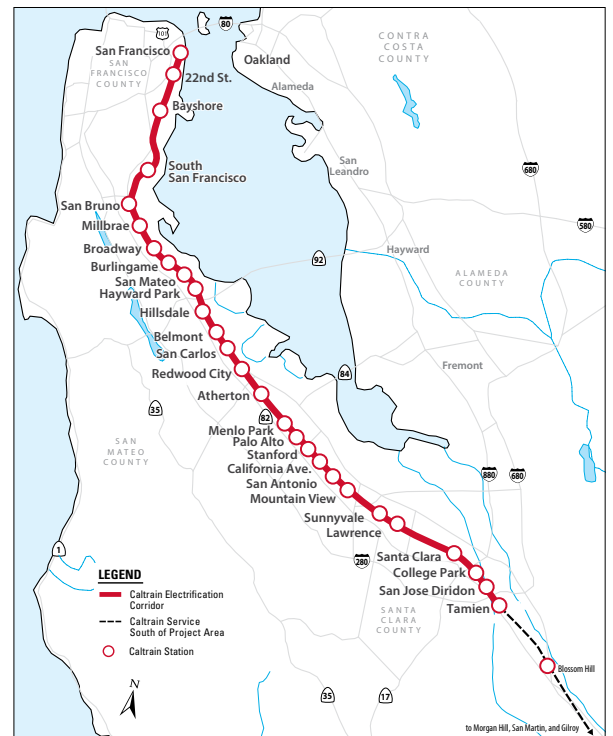
CALTRAIN ELECTRIFICATION

PROJECT FACTSHEET July 2023

PROJECT OVERVIEW

Caltrain Electrification has been under construction since 2017, building California's first electrified commuter rail and the West's first diesel to electric rail system. It will transform the way people travel along the 51-mile Caltrain-owned corridor between San Francisco and Silicon Valley. The overhead contact system will be compatible with future High-Speed Rail on the corridor, and high-performance electric trains that better match the needs of the corridor will replace 75% of Caltrain's aging diesel fleet.

The project will provide faster, safer, more frequent service while mitigating climate change and enhancing equity and access for all communities.



PROJECT BENEFITS



SUSTAINABILITY

Reduce greenhouse gas emissions and air pollution through electrification



SAFETY

State-of-the-art trainsets with better crash safety ratings and improved braking



JOB CREATION

Create nearly 33,000 jobs locally and in 36 states across the country



EQUITY

Decrease emissions and noise pollution in communities of concern



READY FOR THE FUTURE

Set the foundation for future Caltrain service growth and HSR



ENERGY INDEPENDENCE

Reduce dependence on foreign energy and rely on renewable domestic energy



BUY AMERICA

Electric trainsets manufactured by Stadler in Salt Lake City, Utah



CAPACITY

Expand service and capacity to carry more people



TRAFFIC RELIEF

Remove congestion on streets and highways

FOR MORE INFORMATION

caltrain.com/electrification

calmod@caltrain.com



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FACT SHEET | July 2023

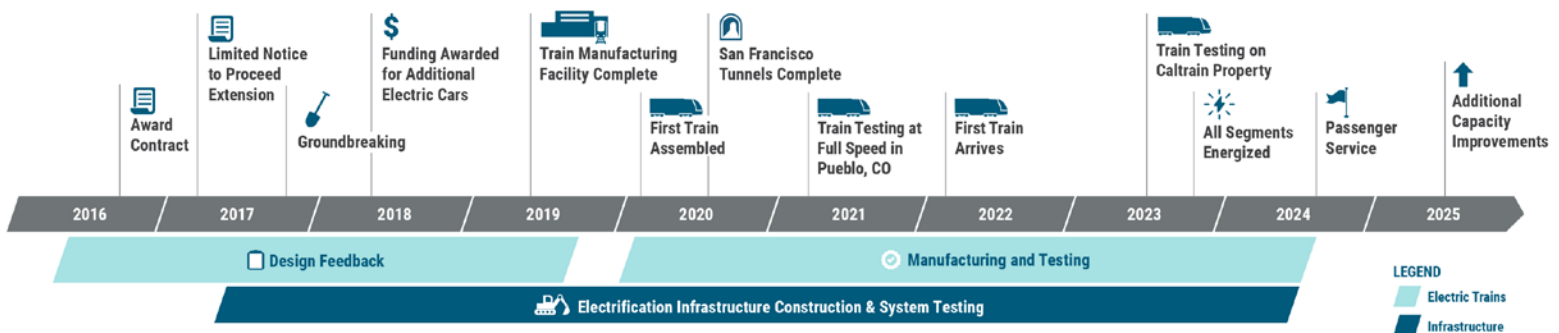
PROJECT BENEFITS

Electrification will modernize Caltrain and make it possible to increase service while offering several advantages in comparison with existing diesel power use, including:

- **Improved Train Performance and Increased Flexibility and Capacity:** Electric trains can accelerate and decelerate more quickly than diesel-powered trains, allowing Caltrain to run more efficiently. In addition, because of their performance advantages, electric trains will enable more frequent and/or faster train service for more riders and provide more flexible service for essential workers and those who travel during non-commute hours.
- **Improved Regional Air Quality and Reduced Greenhouse Gas Emissions:** The project will reduce air pollution in communities of concern, as electric trains produce substantially less corridor pollution compared with aging diesel trains, allowing communities to breathe easier. In addition, electrification will eliminate 2.09 million tons of greenhouse gas emissions, helping to meet the state's emissions reduction goals.

- **Reduced Engine Noise Emanating from Trains:** Noise from electric train engines is measurably less than diesel train engines. Train horns will continue to be required at grade crossings, consistent with safety regulations.
- **Positive Economic Benefits:** Electrification is creating nearly 33,000 jobs locally and across the U.S. The high-performance trains are being assembled in Salt Lake City, Utah, with parts and components from skilled craftspeople in 36 states. Engineers and construction crews are currently designing and installing clean infrastructure along the Caltrain right-of-way.
- **Setting the Foundation for Future Growth:** Electrification is the first step towards Caltrain's Long-Term Service Vision that when fully achieved in 2040 will provide electrified rail service from Downtown San Francisco to Gilroy, improve regional and statewide connectivity, reduce GHG emissions, and support additional capacity – the equivalent of adding 5.5 new freeway lanes worth of capacity to U.S. 101.

MILESTONES



FOR MORE INFORMATION

 caltrain.com/electrification

 calmod@caltrain.com

