

5- Caltrain – Capacity Improvements & Electrification

Estimated Cost: \$1.5 billion (Total)

\$125.3 million (VTA)*

Secured Funding:** \$105.2 million (VTA)

Year of Completion: 2022

Project Description:

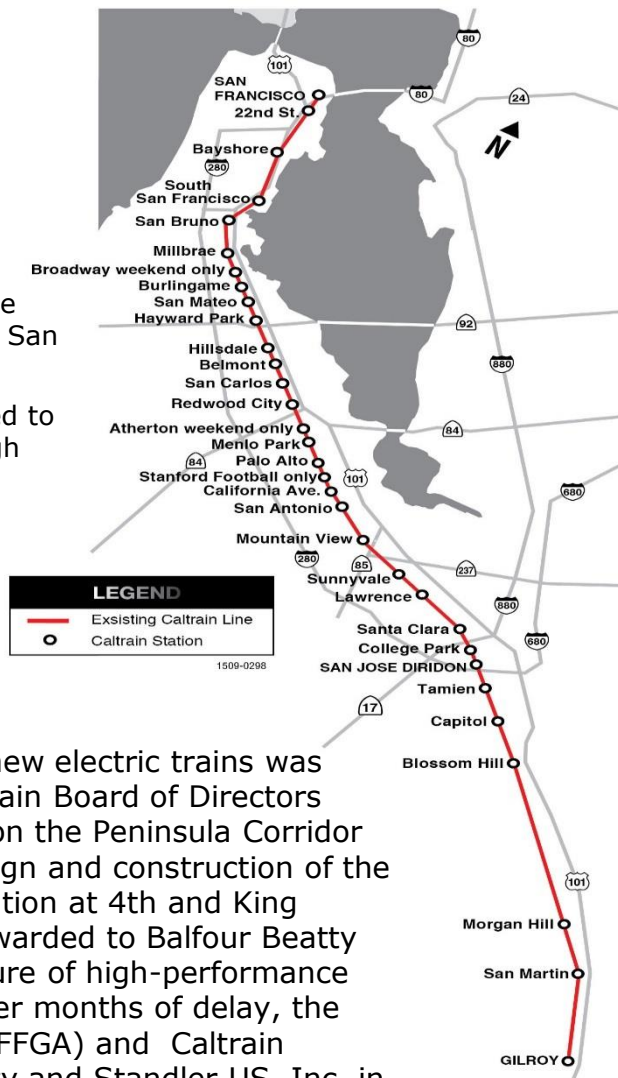
Original scope included 8 miles of double tracking on the existing Union Pacific Railroad (UPRR) corridor between San Jose and Gilroy to increase **Caltrain capacity**.

Caltrain from San Jose to San Francisco will be upgraded to an electric system in conjunction with the California High Speed Rail (CHSRA) Project.

Project Status:

Fiber optic cable relocation of the northern segment (\$5.3 miles) required for double tracking was completed. Remaining scope is pending Cal Mod to San Jose and High Speed Rail project.

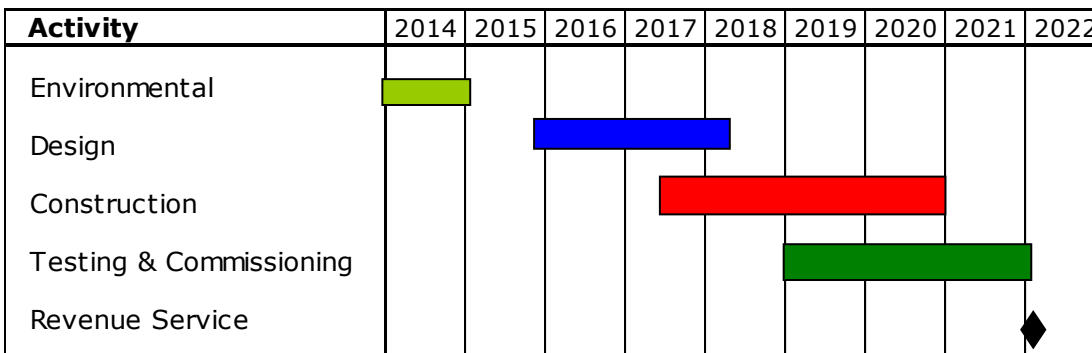
The environmental process for electrification and new electric trains was completed in January 2015. On July 7, 2016, Caltrain Board of Directors approved \$1.25 billion in contracts to begin work on the Peninsula Corridor Electrification Project (PCEP). The contract for design and construction of the corridor’s electrification between San Francisco station at 4th and King Streets and the Tamien Station in San Jose was awarded to Balfour Beatty Infrastructure, Inc. The contract for the manufacture of high-performance electric trains was awarded to Stadler US, Inc. After months of delay, the FTA approved the Full-Funding Grant Agreement (FFGA) and Caltrain released the full Notice to Proceed to Balfour Beatty and Stadler US, Inc. in June 2017. VTA continues to reimburse Caltrain for project related cost.



Project Cost:

Project	Total Estimate	Total Estimated Cost (in \$M)			Incurred through Jun 2017 (in \$M)			Status
		Others	Measure A	TBD	Others	Measure A	Total	
Caltrain South County Capacity Improvements	\$ 17.2	\$ 14.9	\$ 2.3	\$ -	\$ 14.9	\$ 2.3	\$ 17.2	Inactive
Caltrain Electrification/ HS Rail	\$ 1.3	\$ -	\$ 1.3	\$ -	\$ -	\$ 0.6	\$ 0.6	Ongoing
Caltrain Electrification Early Investment Program	\$ 106.7	\$ 26.4	\$ 80.3	\$ -	\$ 26.4	\$ 33.2	\$ 59.6	Ongoing
Total	\$ 125.3	\$ 41.3	\$ 84.0	\$ -	\$ 41.3	\$ 36.1	\$ 77.4	

Project Schedule:



*P-0550, P-0595, P-0829

**Caltrain Electrification estimate includes \$26.4M in Prop 1A CTC grant funds designated directly to Caltrain