



# San Diego – Los Angeles – San Francisco – Sacramento (CAHSR)

California is currently undertaking one of the largest infrastructure projects in the United States that will bring 220-mph high-speed rail service across the state.

Over the next two decades, California High-Speed Rail (CAHSR) will lay more than 500 miles of new track to provide convenient, one-seat service from the San Francisco Bay to the Los Angeles Basin. As a component of California’s transportation mix, CAHSR will compliment other modes by relieving both highway and airspace congestion. New passenger service will ready California to meet the expected transportation needs for a growing state population, particularly in its major cities.

The California High-Speed Rail Authority (CHSRA) will construct the system in two phases: the Initial Operating Segment (IOS) from San Jose to the Central Valley by 2024 (with service to begin in 2025), and the entire Phase 1 system from San Francisco and Merced to Los Angeles and Anaheim by 2029. When service begins, a combination of express, local, and limited-stop trains is designed to provide several trains per hour between all possible station pairs with frequent non-stop service provided between major markets.

CHSRA is prioritizing initial operations north toward Silicon Valley and the Bay Area using the First Construction Section (FCS) from a station north of Bakersfield. Construction on the FCS began in 2013 and includes the new Fresno River Bridge and other major structures. By early 2016, the Notice to Proceed had been issued for all four construction packages in the FCS.

FRA’s High-Speed Intercity Passenger Rail Program also provides support for the new Transbay Transit Center (TTC) in downtown San Francisco. The TTC will enable both intercity and commuter trains to serve San Francisco’s busy Financial District and provide more direct transit options through a new multi-modal center. Construction began in 2010, and the FRA-funded portion of the work will be complete by the end of 2016.



**Legend**

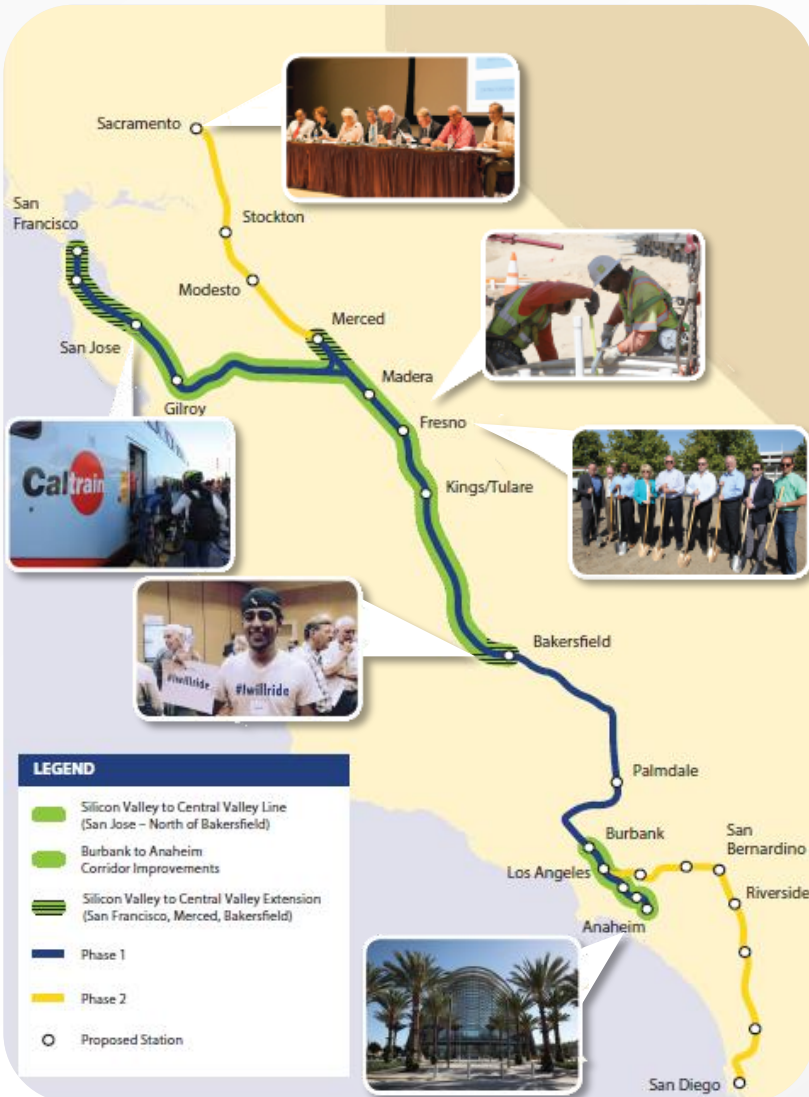
- Core Express (125-250+mph)
- - - First Construction Section
- . . . . . Phase 1 Blended
- . . . . . Phase 2

**Corridor Characteristics**  
(Phase 1 Blended)

Length	States	Population
520 miles	CA	23 million



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Map of phased implementation from CHSRA 2016 Business Plan

Corridor Projects (FY09-Present, \$M)	Program	Fiscal Year	Completion Status	Federal	Non-Federal	Total
<b>Corridor-wide Investments</b>						
California High-Speed Train Program ARRA Grant	HSIPR	2009	Construction Underway	\$2,553	\$2,506	<b>\$5,058</b>
Initial Central Valley Section: Madera to Bakersfield	HSIPR	2010	Construction Underway	\$929	\$360	<b>\$1,288</b>
<b>Targeted Investments</b>						
Transbay Transit Center	HSIPR	2009	Construction Underway	\$400	\$329	<b>\$729</b>
San Francisco – San Jose Communications and PTC	HSIPR	2010	Complete	\$16	\$4	<b>\$20</b>
Transbay Utility Relocation Project	Other	2009	Complete	\$3	\$1	<b>\$4</b>
<b>TOTAL</b>				<b>\$3,901</b>	<b>\$3,200</b>	<b>\$7,101</b>



Governor Jerry Brown and other dignitaries sign a section of rail at the official groundbreaking for High-Speed Rail in Fresno.

SOURCES: Population: U.S. Census Bureau, 2010. Ridership & On-Time Performance: Amtrak, 2015. All Other Information: Federal Railroad Administration, 2016. Totals may not add exactly due to rounding. Last revised May 18, 2016.