



CALIFORNIA
High-Speed Rail Authority

Transbay Joint Powers Authority Citizens Advisory Committee

May 9, 2023

Connecting California

Phase 1

- 500 Miles
- San Francisco to Los Angeles/Anaheim

Phase 2

- After Phase 1 – Extends 300 Miles
- Connections to Sacramento and San Diego



Project Snapshot

- Statewide
 - » 422 of 500 miles environmentally cleared; SF to LA complete in 2023
 - » Applying for funding for initial operating segment

- Central Valley
 - » 1st Construction Package finishing this Summer
 - » Advancing design on extensions to Merced and Bakersfield and 4 stations

- Northern & Southern California
 - » Applying for funding for next phase of project development



High-Speed Rail is Underway



Watch video here: <https://youtu.be/Cb7-YdMBgSI>





Construction Progress



Construction Package 1



Construction Packages 2-3



Construction Package 4



Authority Approved Design Completed

100%



100%



100%



Right-of-Way Parcels Delivered to DB

97%



94%



95%



Structures In Progress/Completed

79%



65%



100%



Funding Overview

1

\$9.95 billion
Bond measure

2008 Proposition 1A

2

\$2.5 billion
Federal Grant

2009 American
Recovery and
Reinvestment Act
(ARRA)

3

\$929 million
Federal Funding

FY 2010
Appropriations Bill

4

\$750 million-\$1 billion
per year through 2030

Quarterly
Cap and Trade
Auction Market

5

\$49 million
New Federal Grants

2021 & 2022 RAISE
Awards



Federal Funding Opportunities

Pending Applications:

- Railroad Crossing Elimination Program
 - » Six grade separations in the City of Shafter
- Consolidated Rail Infrastructure & Safety Improvements (CRISI)
 - » Six grade separations in the City of Shafter
 - » Central Valley Training Center
- Rebuilding American Infrastructure with Sustainability and Equity (RAISE)
 - » Fresno Historic Depot
- Federal-State Partnership for Intercity Passenger Rail
 - » Application 1: Inaugural High-Speed Rail Service
 - » Application 2: Phase 1 Corridor Configuration Design



Federal-State Partnership for Intercity Passenger Rail

Application 1: California Inaugural High-Speed Service

\$2.8 billion request



Procure six electric HSR trainsets



Construct the second track on the 119-mile high-speed rail from Madera to Poplar Avenue



Construct the Fresno Station



Final design and early works (including ROW acquisition and utility relocation) on the Merced and Bakersfield extensions

Application 2: Phase 1 Corridor Configuration Design

\$194 million request



Configuration level design for:

- » San Jose to Merced
- » Bakersfield to Palmdale



Begins crucial geotechnical studies in the Pacheco Pass and Tehachapi Mountains



Prepares project footprint to allow pre-construction work to proceed when funding is identified



CALIFORNIA
High-Speed Rail Authority

Northern California



High-Speed Rail in Northern California

Project Development Stages



Diridon Integrated Station Concept



Northern California High-Speed Rail



The Portal/Downtown Extension (DTX)



Caltrain Electrification



Salesforce Transit Center



Northern California Alignment

LEGEND

- Caltrain Electrification
- Future High-Speed Rail Electrification
- Tunnels
- Other Dedicated HSR Alignment
- HSR Station
- M Light Maintenance Facility



Northern California Bay Area Connectivity Map

		High-Speed Rail Station
		High-Speed Rail
		San Francisco Muni
		Caltrain
		Altamont Corridor Express
		VTA Light Rail
		Intercity Bus Service

Interim high-speed rail terminal. Connection to Salesforce Transit Center completes NorCal system.

Connects to Caltrain, BART, SFO, and more.

Blended service on Caltrain corridor.

Service to largest City and County in the Bay Area.

Corridor integrates with local Caltrain service and extends electrification to Morgan Hill and Gilroy.

Connects to existing and planned transit services including Caltrain, BART, VTA, Capitol Corridor, ACE, Monterey Co. Rail Extension, and more.

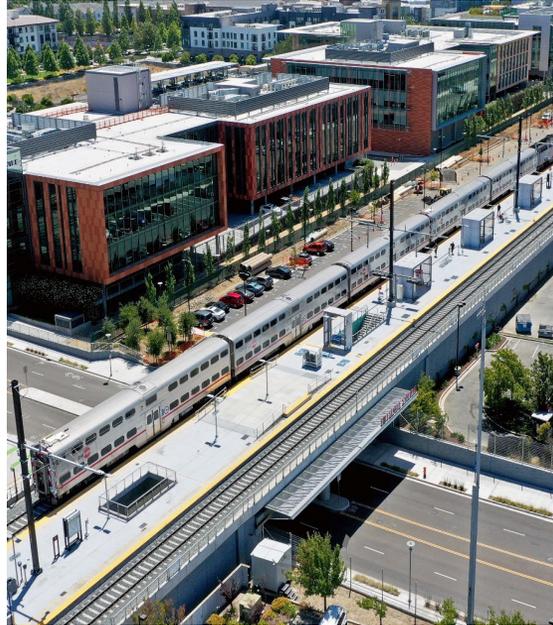


Northern California Partnerships and Investments



Caltrain Peninsula Corridor Electrification

The Authority has provided \$714 million toward electrifying this corridor



25th Avenue Grade Separation

First bookend project to open to the public in Northern California



The Portal/DTX

Partnership with TJPA extending rail connection to future northern HSR terminus at Salesforce Transit Center



Diridon Integrated Station Concept Plan (DISC)

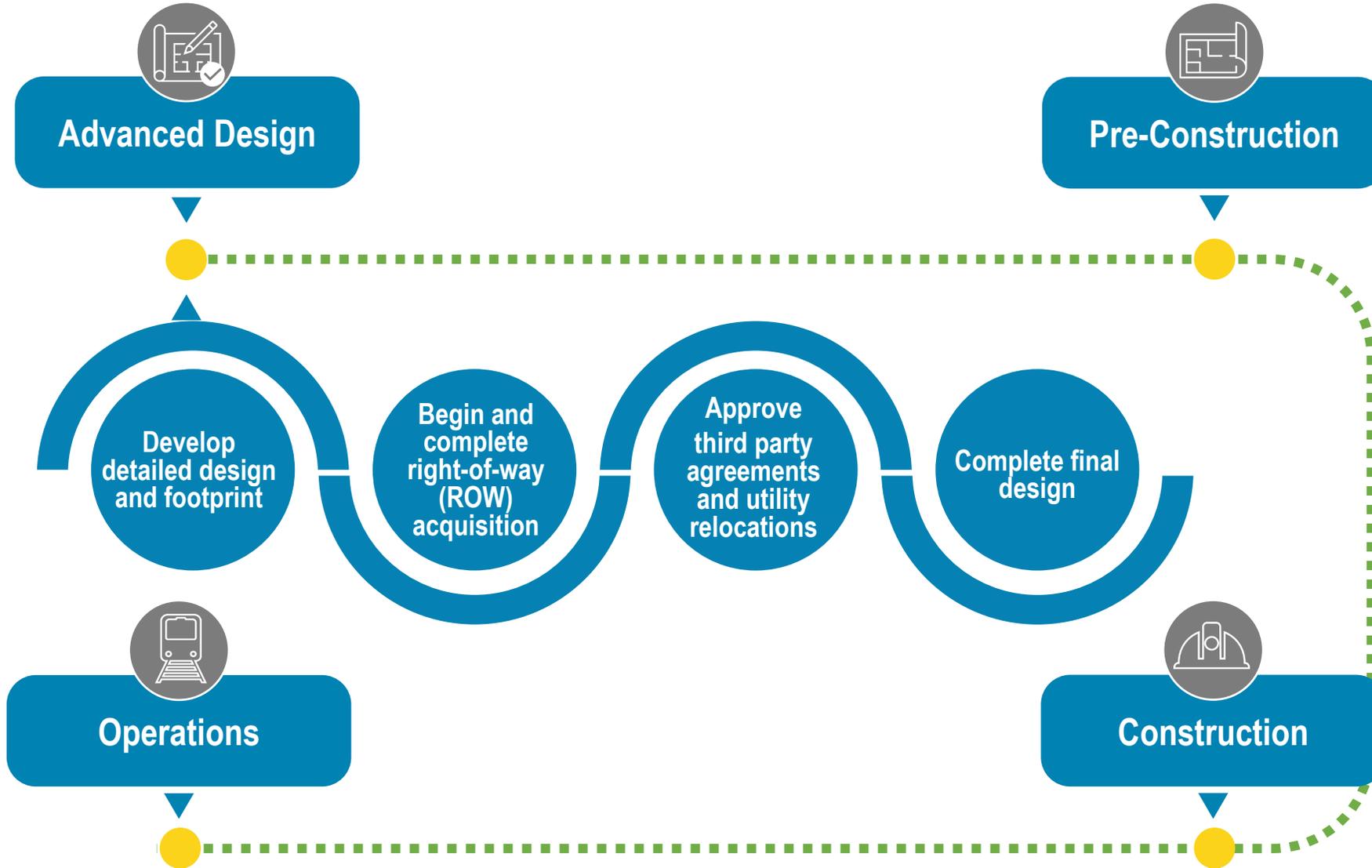
Future vision of San Jose Diridon Station as a transit hub servicing 100,000+ daily passengers

All Aboard! Northern California Support



2022 UC Berkeley Institute of Governmental Studies poll showed by a 56% to 35% margin, California voters favor the state continuing to build the high-speed rail project.

Next Steps





Questions





Stay Connected



hsr.ca.gov/contact



Inquire about
upcoming meetings

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