



CALIFORNIA
High-Speed Rail Authority

Statewide and Southern California Overview

Construction Network Southern California Chapter

October 9, 2024

LaDonna DiCamillo, Southern California Regional Director



State Organization



Under the leadership of the Governor, the executive branch is responsible for administering and enforcing the laws of California. In practice the executive branch works closely with the legislative branch in shaping proposed legislation.



The California State Transportation Agency (CalSTA) is a cabinet-level agency focused solely on addressing the state's transportation issues.



CALIFORNIA
High-Speed Rail Authority

The California High-Speed Rail Authority is tasked with building the nation's first high-speed rail.

Ian Choudri Selected as New CEO

- On August 8, 2024, the Board of Directors appointed **Ian Choudri** as the next Chief Executive Officer (CEO) for the program.
- Prior to his appointment, Ian served as the Senior Vice President for HNTB.
- Choudri has an extensive 30+ year record in the transportation sector.
- Previous work includes high-speed rail projects in France and Spain.



“Ian’s deep experience and get-it-done attitude are impressive, and he’s taking control at an important moment for this project...[he] is the perfect steward for the next phase of high-speed rail.”

– Governor Gavin Newsom

Connecting California

Program Highlights

- **Phase 1**
 - 494 Miles
 - San Francisco to Los Angeles/Anaheim
- **Phase 2**
 - After Phase 1 - Extends 300 Miles
 - Connections to Sacramento and San Diego

Travels at speeds up to 220 mph
Up to 24 Stations



Where We Are Today

2024 Progress

- Today:
 - 119 Miles Under Construction
 - 52 miles Under Advanced Design (north into Merced and south into Bakersfield)
 - Environmentally Clearing Full 494 Miles Between San Francisco and Los Angeles Basin
 - Approximately 463 Miles Environmentally Cleared To-Date
 - Anticipating 494 Miles Environmentally Cleared in 2025
 - Statewide Bookend Projects
 - Station Design for four Central Valley Stations
 - Merced, Fresno, Kings/Tulare and Bakersfield



Highlights

- **14,096 Construction Jobs Created Since Construction Began**
 - In 2024, Record Number of Workers Dispatched Daily
 - Active Construction in the Central Valley
 - Average 70% Workers from Disadvantaged Communities
- **857 Small Businesses Employed**
 - 299 are Disadvantaged Business Enterprises
 - 108 Disabled Veteran Business Enterprises
 - Jobs Creation for Residents of Disadvantaged Communities
- **Leading In Sustainability**
 - Currently Using Tier IV Equipment on Construction
 - Will Run on 100% Renewable Energy
 - Recognized as a Platinum Sustainable Infrastructure Project



California High-Speed Rail Funding Sources

State Funding = \$21.9 Billion

**2008
PROP 1A**

**\$9.95 billion
Bond Measure**

**2014 – 2030
CAP & TRADE**

**\$750 million to \$1.25 billion
Average Annual Proceeds**

Federal Funding = \$6.8 Billion

**2009
ARRA**

**\$2.5 billion
Federal Grant**

**2010
FY10**

**\$929 million
Federal Funding**

**2021-2022
RAISE**

**\$49 million
Federal Grants**

**2023
IIJA**

**\$3.3 billion
Federal Grants**



FEDERAL GRANT FUNDING OPPORTUNITIES

Program	Date	Amount	Scope
AWARDED			
RAISE	Awarded Dec 2021	\$24M (Grant Awarded) \$76M (Total Project Cost)	<u>Wasco</u> <ul style="list-style-type: none"> Wasco SR 46 Improvement Project
RAISE	Awarded Aug 2022	\$25M (Grant Awarded) \$41M (Total Project Cost)	<u>Merced Extension Design</u> <ul style="list-style-type: none"> Advance Design for the Merced Extension
RAISE	Awarded Jun 2023	\$20 M (Grant Awarded) \$33 M (Total Project Cost)	<u>Fresno Station Historic Depot</u> <ul style="list-style-type: none"> Enhance Future Fresno Station
CRISI	Awarded Sep 2023	\$202M (Grant Awarded) \$292M (Total Project Cost)	<u>Shafter Grade Separations</u> <ul style="list-style-type: none"> Construct 6 Grade Separations
Federal-State Partnership	Awarded Dec 2023	\$3.1B (Grant Request) \$3.8B (Total Project Cost)	<u>Inaugural High-Speed Service</u> <ul style="list-style-type: none"> Design/Procure 6 Trainsets Design/Construct Trainset Facilities Construct Fresno Station Complete Final Design/ROW of M&B Extensions Construct/T&S of 13-Miile Bakersfield Extension
APPLICATIONS SUBMITTED/PENDING AWARD NOTIFICATION			
CRISI	Submitted May 2024 Decision Expected Sep/Oct 2024	\$450M (Grant Request) \$562M (Total Project Cost)	<u>Merced Extension/Selma Training Center</u> <ul style="list-style-type: none"> 8-Mile Construction Extension: Utilities, Civil, Track and Systems, and Related Project Construction Central Valley Workforce Training Center
RCE	Submitted Sep 2024 Decision Expected Jan/Feb 2024	\$90M (Grant Request) \$112M (Total Project Cost)	<u>Merced Extension/Overcrossing</u> <ul style="list-style-type: none"> Construct the Le Grand Road Overcrossing
RCP	Submitted Sep 2024 Decision Expected Jan/Feb 2024	\$127M (Grant Request) \$254M (Total Project Cost)	<u>Chowchilla and Fairmead Enhancements</u> <ul style="list-style-type: none"> Chowchilla Grade Separation Fairmead Community Investments

Bay Area Valley to Valley Segment 159 Miles

- Status
 - » 100% environmentally cleared
 - » Eligible to begin advanced design
 - » Corridor electrification completed on 51 miles through Caltrain partnership
 - » Segment construction unfunded
- Goals
 - » Advance design work in 2024
 - » Continue to engage with partners on “shared corridor” early capital investments
 - » Develop segment funding plan options



Central Valley Early Operating Segment 171 Miles

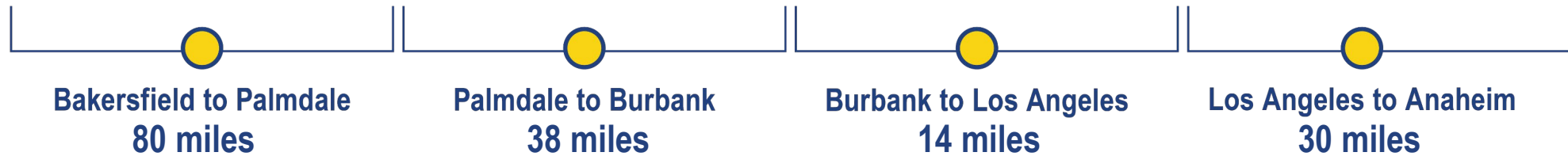
- Status
 - » 100% environmentally cleared
 - » 119 miles under construction
 - » 52 miles starting advanced design (pre-construction work)
 - » 30% station design for Merced, Fresno, Kings/Tulare and Bakersfield
- Goals
 - » Initial operations by 2030-2033
 - » Advance Track and Systems contracts in 2024
 - » Train procurement by 2024



High-Speed Rail in Southern California

Phase 1

Four Project Sections



162 miles



Southern California Complete Phase 1 162 Miles

- Status
 - » Continuing Environmental Clearance
 - » Eligible to begin advanced design where environmentally cleared
 - » Bookend projects advancing
 - Rosecrans/Marquardt Grade Separation (anticipated completion in 2025)
 - LinkUS Project
- Goals
 - » Complete environmental review
 - » Identify “shared corridor” early capital investments
 - » Develop segment funding plan options
 - » Establish connection point with emerging Brightline service



Palmdale to Burbank Project Section



Palmdale to Burbank Overview

- Latest section now environmentally cleared
- Connects Palmdale and Burbank stations with 17-minute trip time
- Unique Station connecting several transit modes
 - ✓ California High Speed Rail
 - ✓ High Desert Corridor (Brightline)
 - ✓ Metrolink
 - ✓ Local Bus
 - ✓ *Long Distance Bus*
- Station area planning ongoing with the City of Palmdale
- Continuing coordination with High-Desert Corridor Joint Powers Association



Palmdale Integrated Station Master Planning

- **Goal:** Work with the city to create an implementation strategy for an integrated station master plan
 - » Build off City of Palmdale station area planning
 - » Advance and refine approved station footprint to be an integrated station
- Create a successful Master Plan and facilitate its implementation
- Coordinate with key users, including High Desert Corridor and Metrolink
- Lay the groundwork to leverage grant funding (local, state and federal)



Conceptual Vision

Los Angeles to Anaheim Project Section



Project Section Overview

- Approximately **30 miles**
- Connects **LAUS** to **ARTIC**
- Uses **existing** LOSSAN rail corridor
- Connects Los Angeles and Orange counties
- Used by **both** passenger and freight rail providers
- Travels through the cities of:
 - Los Angeles, Vernon, Commerce, Bell, Montebello, Pico Rivera, Norwalk, Santa Fe Springs, La Mirada, Buena Park, Fullerton and Anaheim



Shared Passenger Track Alternatives

Draft EIR/EIS Build Alternatives

Draft EIR/EIS will consider two build alternatives:

Preferred Alternative
Shared Passenger Track
Alternative A

- SoCal LMF at **26th Street** (Vernon)
- No Intermediate Station
 - » Fullerton and Norwalk/Santa Fe Springs HSR Stations will be evaluated as design options
- Mostly at-grade crossings within City of Anaheim

Shared Passenger Track
Alternative B

- Similar to Alternative A, except:
 - » SoCal LMF at **15th Street** (Los Angeles)



Improving Corridor Efficiency – Removing Freight and Passenger Rail Conflicts



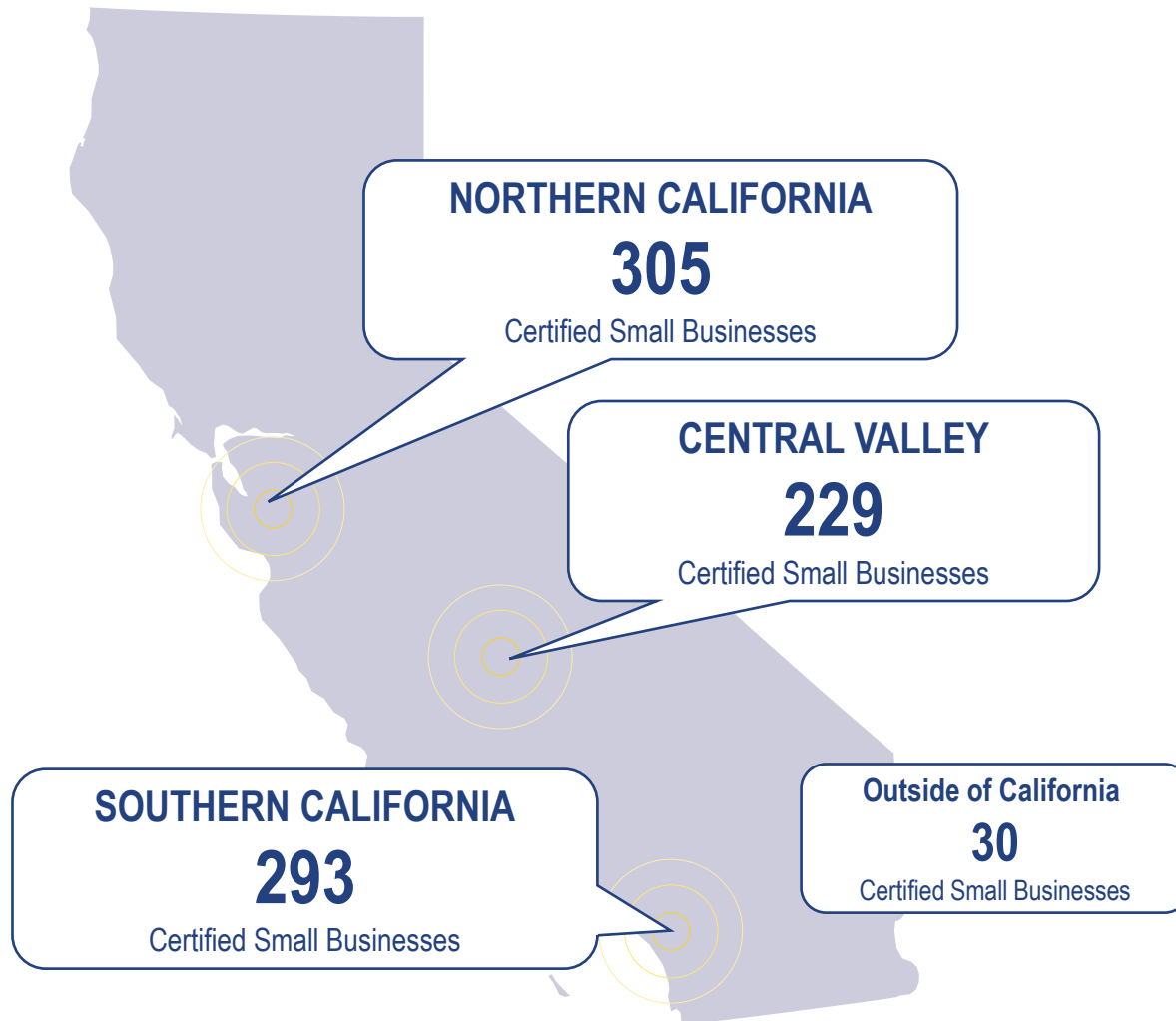
Link US – Los Angeles Union Station

- \$423M contribution
- Support high-speed rail trains
- New lead tracks, run-through tracks, elevated rail yard, concourse, and platforms
- Safety and rail communication improvements



Small Business Participation

857 Certified Small Businesses Working on HSR Statewide



- » 299 Disadvantaged Business Enterprises (DBE)
- » 108 Disabled Veteran Business Enterprises (DVBE)

6 Native American Owned Firms
48 Asian Pacific Owned Firms
44 African American Owned Firms
24 Asian Subcontinent Owned Firms
90 Hispanic Owned Firms
147 Woman Owned Firms

(as of July 2024)

Small Business Certification Overview



Certifications That Count Toward the Overall Goal:

- **California Department of General Services**
 - Small & Micro Businesses (SB / MB)
 - Disabled Veteran Business Enterprises (DVBE)
 - Small Business for Public Works (SB-PW)
- **California Unified Certification Program**
 - Disadvantaged Business Enterprises (DBE)

Small Business Participation Goal Breakdown

Blended State and Federal	100% State Funded	100% Federal Funded (including grants)
<p>3%</p> <p>Disabled Veteran Business Enterprise (DVBE) goal, which will be applied across the total contract value.</p>	<p>3%</p> <p>DVBE goal</p>	<p>17%</p> <p>Disadvantaged Business Enterprise (DBE) goal</p>
<p>10%</p> <p>DBE goal, which will also be applied across the total contract value.</p>	<p>25%</p> <p>Small Business goal using all categories that qualify under the state standard, which includes certified Small Business and SB-PW.</p> <ul style="list-style-type: none"> Of that 25% we will designate 3% microbusiness 	
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Link to Small Business Program webpage



Procurements – Track & Systems

Scope	Estimate (\$M)	Description	RFQ/RFP/ADV
Rail Systems Engineering	\$73	Professional Services and Technical Expertise Related to Rail Systems Engineering Services (RSES)	Awarded
Track and Overhead Contact System (OCS) (Track Civil Works, Track Bed, Track, and OCS)	\$131	Design - Design Services for Track and OCS	SOQs Received 04/04/2024
	\$2,021	Construction Manager/General Contractor (CM/GC) - CM/GC Contract	Q1 2025
Systems (Signaling, Train Control, Core Comm, and SCADA)	\$1,487	Signaling and Train Control - Progressive Design-Build (PDB) Contract	Q4 2024
Systems (Traction Power System)	\$1,229	Traction Power - Progressive Design-Build (PDB) Contract	Q3 2024
Trainsets and Driving Simulator	\$534	Trainsets and Driving Simulator - Supply-Maintain Contract	Released RFP 4/16/2024
Depots and Facilities	\$43	Depots and Facilities (Train Certification Facility, Integrated Test Facility, Maintenance of Way Facility, Operation Control Center)	Design
	\$572		Multiple Construction Contracts
Program-wide Support for Track and Systems	\$10	Independent Cost Estimator (ICE)	Q4 2024
	\$283	Construction Manager Track and OCS	Q2 2025
	\$208	Construction Manager for Signaling and Train Control PDB	Q1 2026
	\$172	Construction Manager Traction Power PDB	Q1 2026
	\$78	Multiple Construction Manager Facilities	Q3 2025 & Varies
	\$40	Integration Support	Q4 2024
	\$9	Independent Safety Assessor Services	Released RFQ 3/11/2024

Procurements – Stations and Fresno Historic Depot

Scope	Estimate (\$M)	Description	RFQ/RFP/ADV	
Stations	\$35	Design - Arup/Fosters JV	Awarded	
	\$888	Construction	Merced	Q3 2027
			Fresno	Q2 2025
			Kings Tulare	Q3 2027
			Bakersfield	Q3 2027
\$133		Multiple CM Contracts	Q2 2025 & Varies	
Fresno Historic Depot	\$3	Design - Page & Turnbull, Inc	Awarded	
	\$24	Construction	Construction Contract	Q1 2025
	\$4		CM Contract	Q1 2025

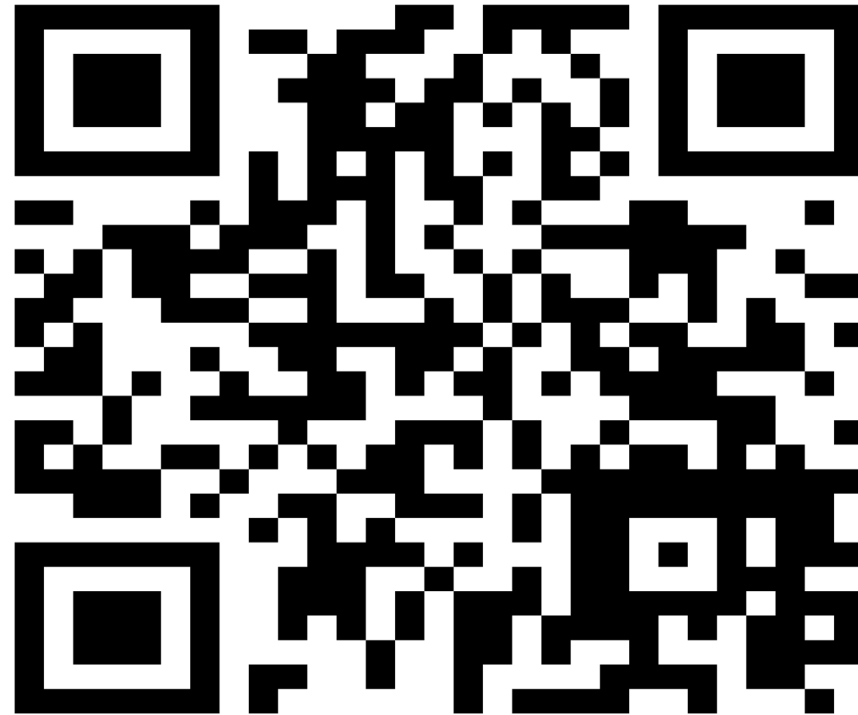
Procurements – Merced and Bakersfield Extensions

	Estimate (\$M)	Description	RFQ/RFP/ADV	
Merced Extension	\$151	Design - Stantec	Awarded	
	\$2,925	Construction	Multiple Construction Contracts	Q1 2026 & Varies
	\$439		Multiple CM Contracts	Q1 2026 & Varies
Bakersfield Extension	\$45	Design - HNTB	Awarded	
	\$2,060	Construction	Multiple Construction Contracts	Q2 2026 & Varies
	\$309		Multiple CM Contracts	Q2 2026 & Varies

Procurements – Current procurements

For more information about Procurements use the QR code, or go to the link below:

<https://hsr.ca.gov/business-opportunities/procurements>



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