



CALIFORNIA
High-Speed Rail Authority

Transbay Joint Powers Authority Citizens Advisory Committee

March 12, 2024

Documents and Reports



BUSINESS PLAN



PROJECT UPDATE REPORT

- » Authority publishes a Business Plan in even years
- » Due to the Legislature May 1

- » Authority publishes a Project Update Report in odd years
- » Due to the Legislature by March 1



Major Recent Accomplishments



\$3.3 billion in new federal funds



Advanced procurements to move the project toward operations



First construction package (CP 4) covering 22.5 miles in Central Valley **near completion**



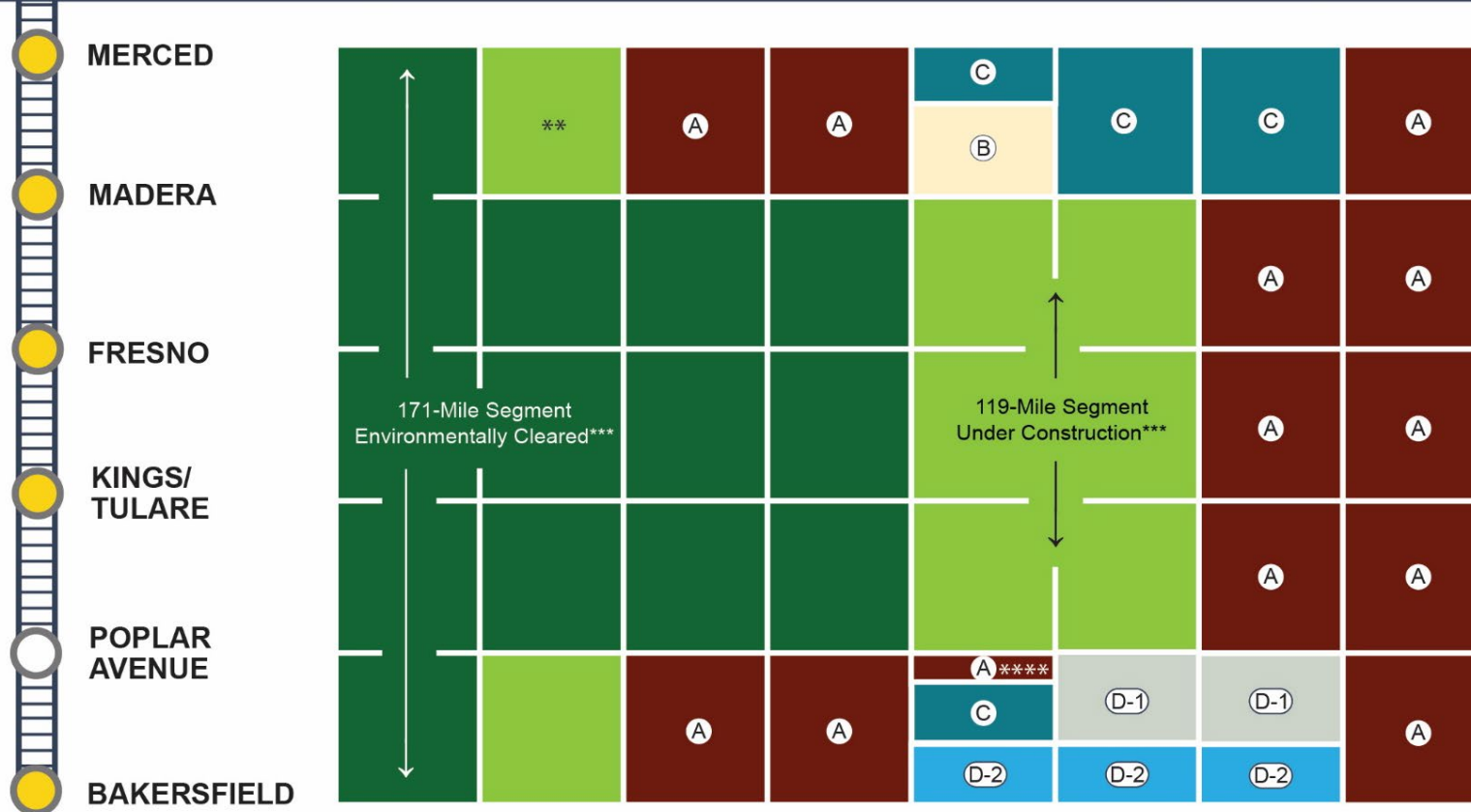
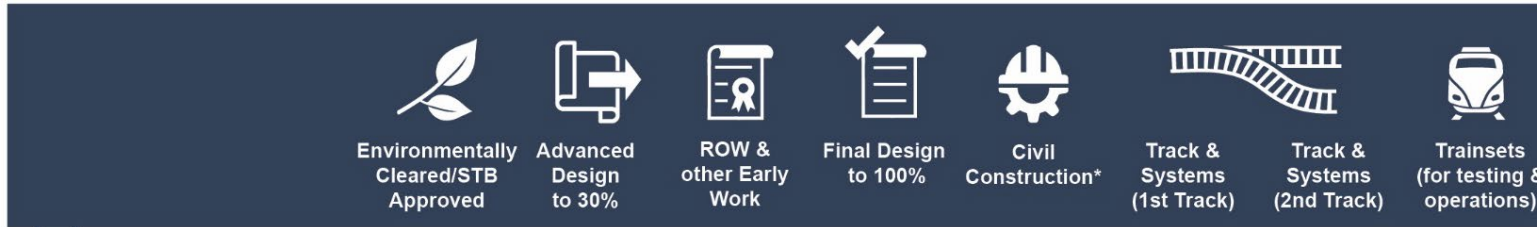
Construction jobs exceeded **12,200** and **10 new structures** opened



Designs for the extensions to Merced and Bakersfield **are on schedule**, meeting contract milestones



Key Updates – Federal Infusion of Funds



- Completed
- Funded & Underway
- A PHASE A (2023): Future Federal IIJA Grants, including applications submitted & awards pending (RCE/CRISI)
- B PHASE B (2024): Future Federal IIJA Grants for Final Design, ROW, Civil Construction to Merced
- C PHASE C (2025): Future Federal IIJA Grants for Civil Construction to Merced Station, to North Bakersfield, Track & Systems to Merced
- D-1 PHASE D-1 (2026): Future Federal IIJA Grant for Track and Systems to North Bakersfield
- D-2 PHASE D-2 (2026): Future State and Federal Funds not currently identified to Bakersfield F Street Station

*Full Stations Build-out will be separately procured from Civil Works Construction.
 **2022 RAISE Award
 ***ARRA, FY 10, 2021 RAISE Grants
 ****2022 RCE & CRISI Application (6 Grade Separations in Shafter)

2023 Project Update Report

Federal Grants Awarded in 2023

\$3.1 Billion Grant

Federal-State Partnership for Intercity Passenger Rail



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 design/coordination) on the Merced and Bakersfield extensions

\$20 Million Grant

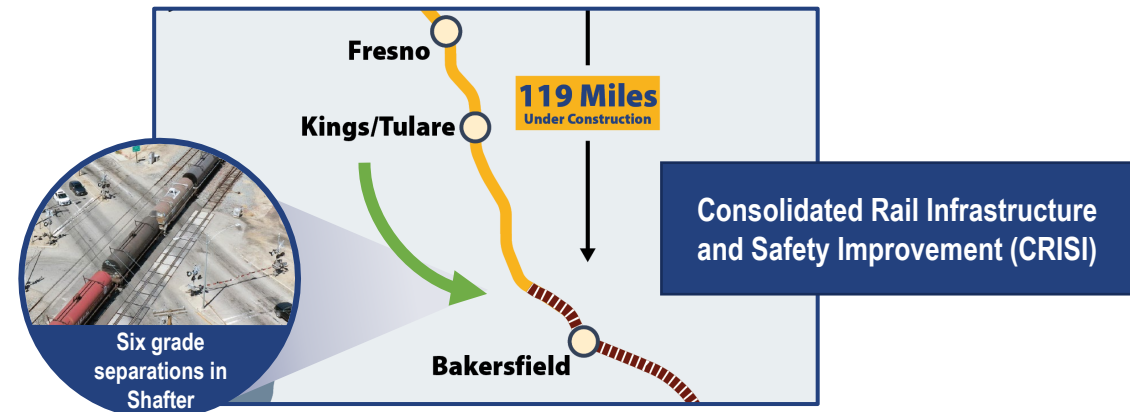
Rebuilding American Infrastructure with Sustainability and Equity (RAISE)



Early Site Activation

Funds the Fresno High-Speed Rail Station Historic Depot Renovation and Plaza Activation Project

\$202 Million Grant



Funds the design, right-of-way purchases, and construction of six grade separations in the city of Shafter

Federal Funding Opportunities

Pending Applications:

- RAISE Multimodal Transportation
 - » Merced Station final design
- Reconnecting Communities and Neighborhoods Grant (RCN)
 - » Community enhancement projects in Chowchilla and Fairmead

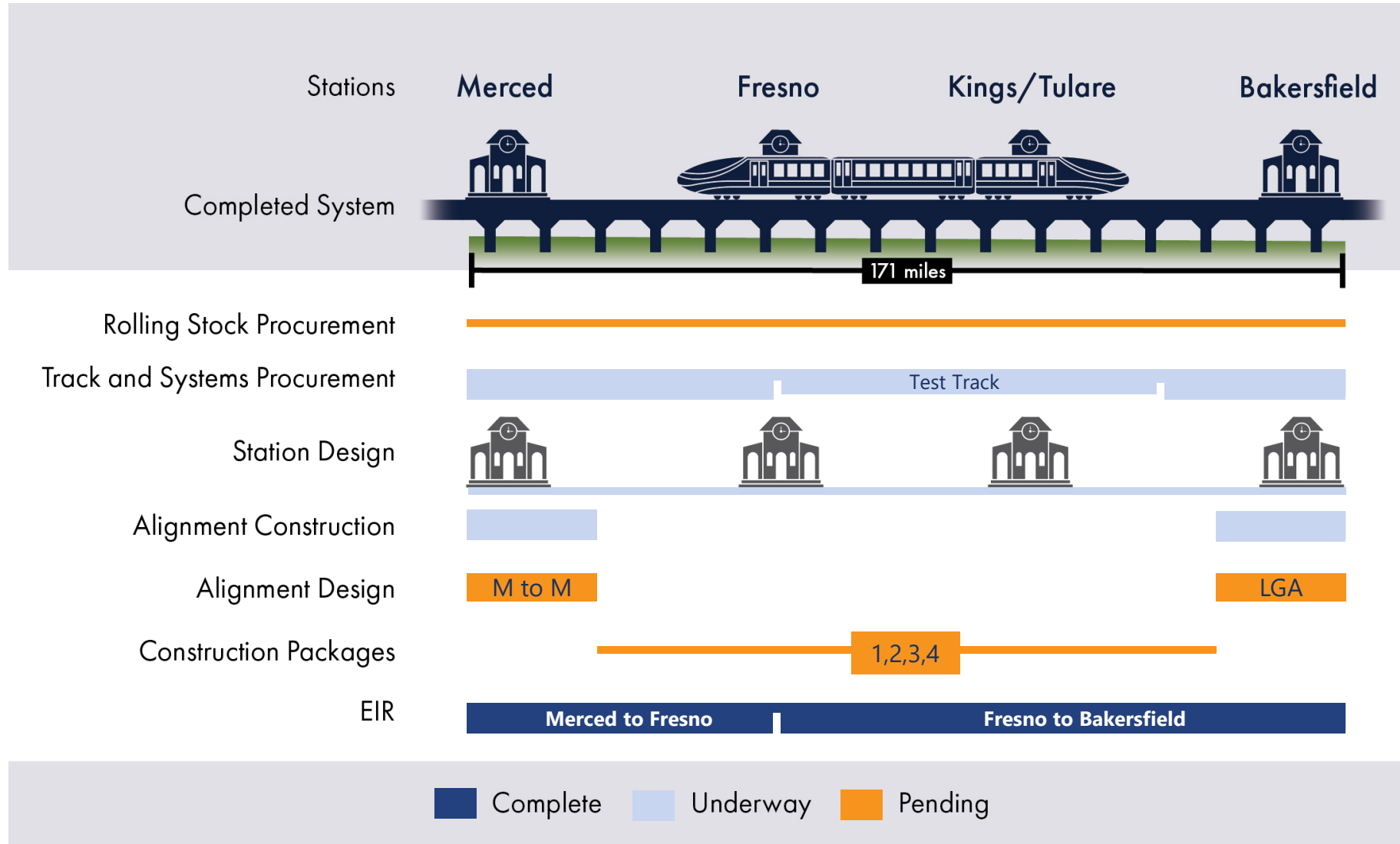
Upcoming Notices of Funding Opportunities:

- Federal-State Partnership for Intercity Passenger Rail
- National Infrastructure Project Assistance Program (Mega)
- Consolidated Rail Infrastructure and Safety Improvements (CRISI)
- Railroad Crossing Elimination Program (RCE)
- GRIP Energy Grid Resilience




The **INFRASTRUCTURE
INVESTMENT
and JOBS ACT**

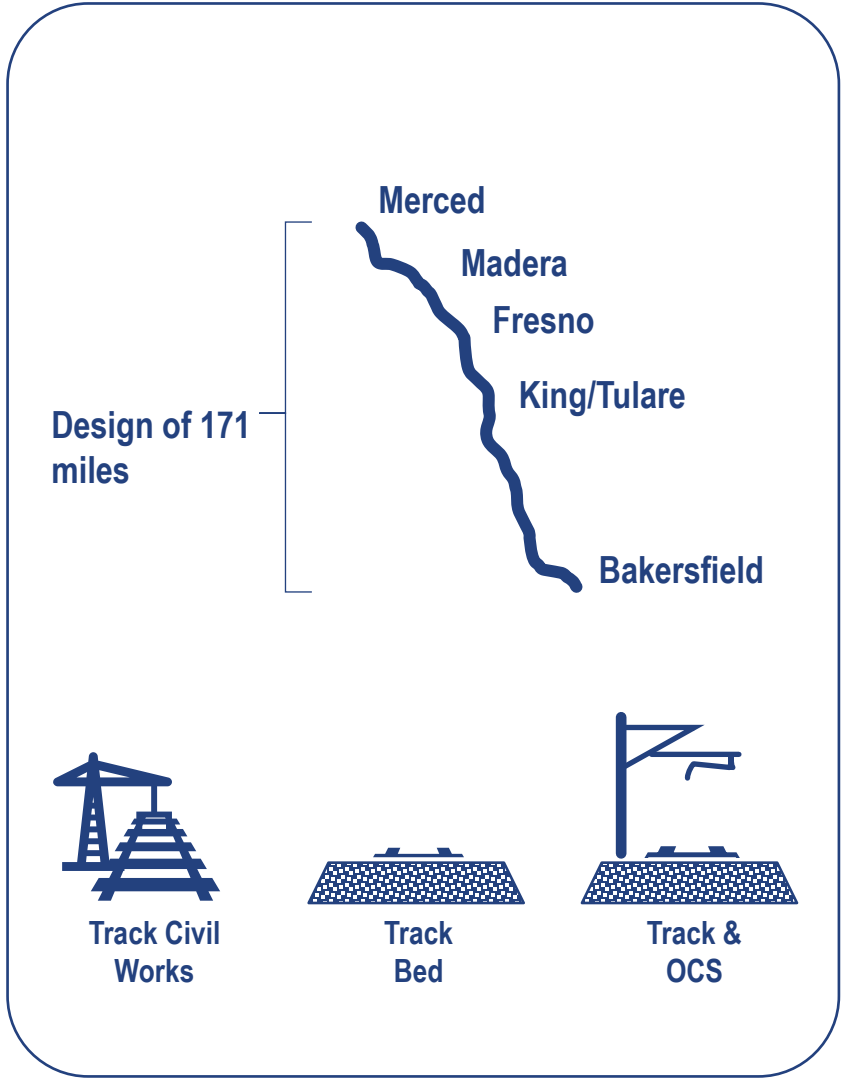


System Advancement for Central Valley Operations



Getting to Operations

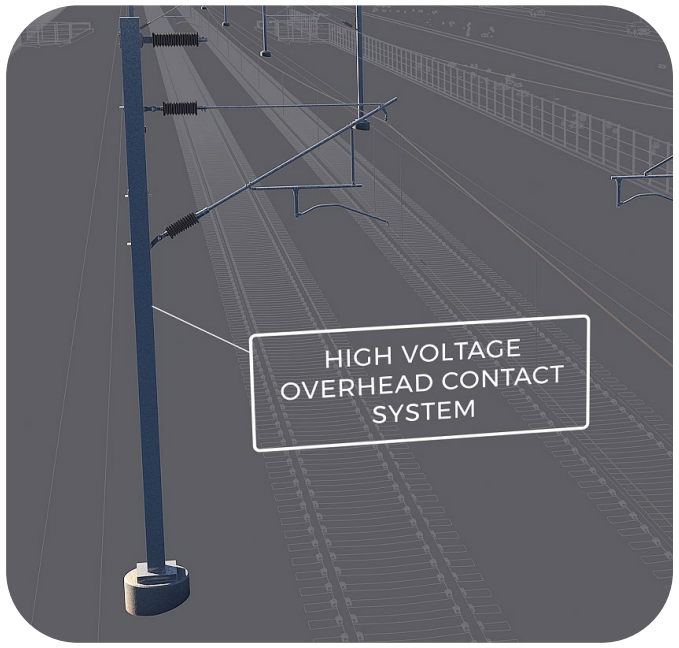
-  **EIR/EIS**
Merced to Fresno; Fresno to Bakersfield
Completed
-  **Civil Construction Packages**
119 miles
Underway, *completion by 2026*
-  **Package 1**
Track & Overhead Contact System
(OCS)



Track and Overhead Contact System

Design Package Released November 2023

Construction Package Planned 2024



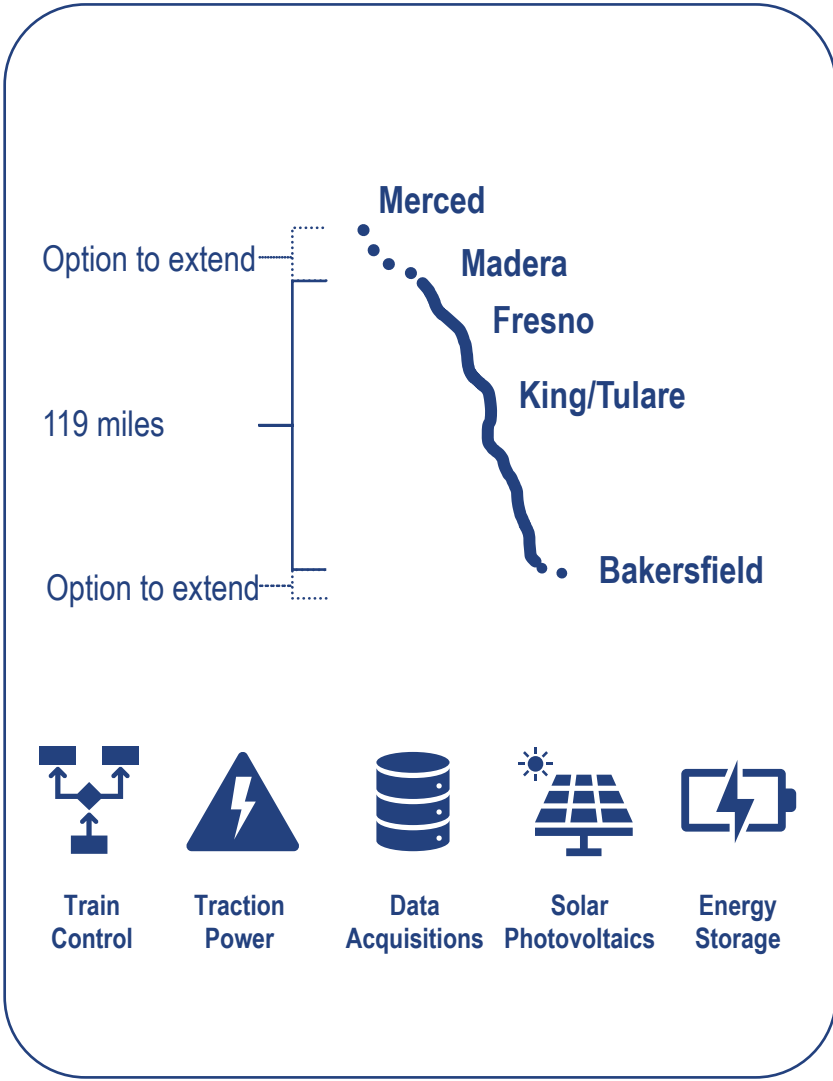
Getting to Operations

 **EIR/EIS**
Merced to Fresno; Fresno to Bakersfield
Completed

 **Civil Construction Packages**
119 miles
Underway

 **Package 1**
Track & Overhead Contact System
(OCS)




 **Package 2**
Systems

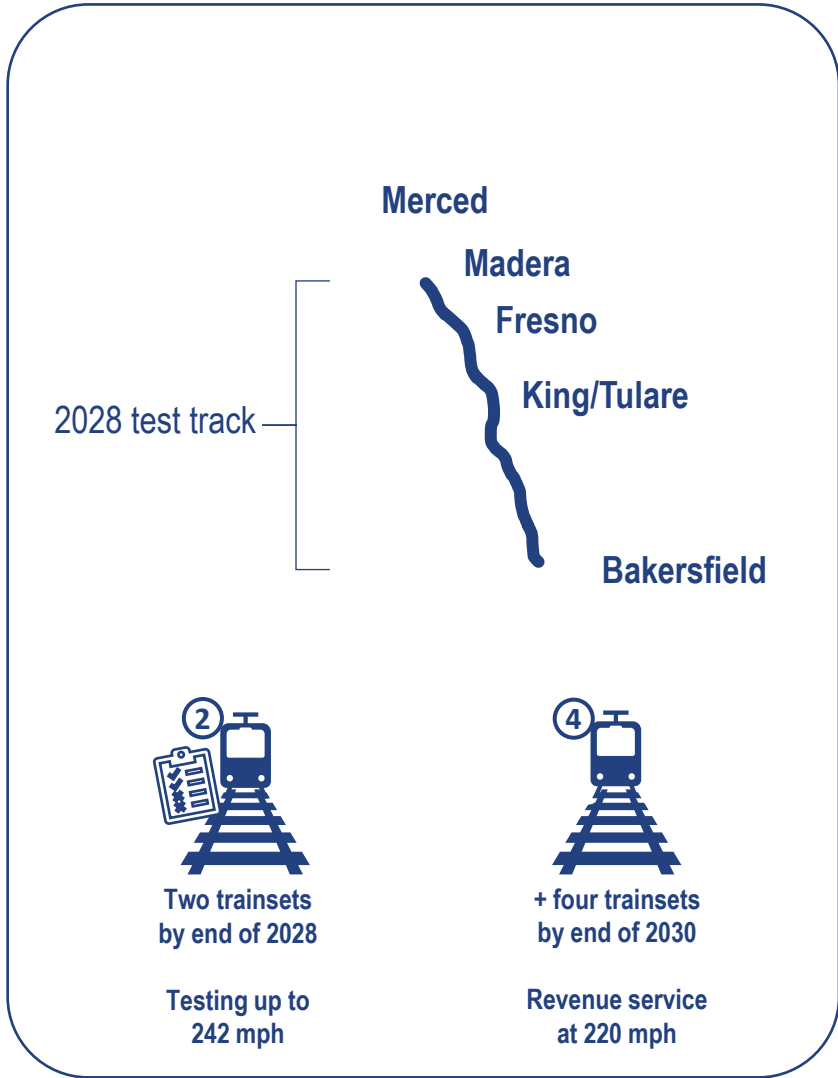


Systems

**Design and Construction Package
Planned 2024**

Getting to Operations

-  EIR/EIS
Merced to Fresno; Fresno to Bakersfield
Completed
-  Civil Construction Packages
119 miles
Underway
-  Package 1
Track & Overhead Contact System (OCS)
-  Package 2
Systems
-  Package 3
Trainsets



Trainsets

Shortlist:

ALSTOM SIEMENS

Request for Proposals Planned Q2 2024



Getting to Operations

 **EIR/EIS**
Merced to Fresno; Fresno to Bakersfield
Completed

 **Civil Construction Packages**
119 miles
Underway

 **Package 1**
Track & Overhead Contact System
(OCS)

 **Package 2**
Systems

 **Package 3**
Trainsets

 **Package 4**
Depots/Facilities

 **Additional Contracts**
Program-Wide Support

 **Program-Wide Support**

Multiple Procurements
Planned 2024

 **Depots and Facilities**

Planned 2025

Progress & Benefits of California High-Speed Rail

\$18 Billion
Economic Output



Program Expenditures
(July 2006 to June 2023)

\$203 Billion
Total Economic Output



(Through Phase 1)

820
Small Businesses Engaged



(As of November 2023)

12,200
Construction Jobs to Date



92,000
Job Years Created



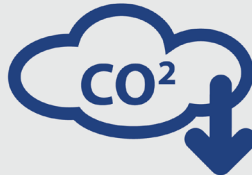
(July 2006 to June 2023)

\$6.5 Billion
Benefits to Disadvantaged
Communities



(July 2006 to June 2023)

400,000 Cars
GHG Emissions Removed



For all LA to SF service (annually)

1,358 Tons
Lifetime VERA Construction
Emission Offsets



Voluntary Emission
Reduction Agreements (VERA)

4,492 Acres
Habitat Land Restored
or Preserved



Central Valley through 2022

Northern California



159 miles



Environmentally cleared



Eligible to begin advanced design



Corridor electrification underway on 51 miles through Caltrain Electrification Project



Segment construction is unfunded







GOALS

- Advance design work in 2024
- Continue to engage with partners on “shared corridor” early capital investments
- Develop segment funding plan options



Northern California Alignment

LEGEND

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

**SALESFORCE
TRANSIT CENTER**

San Francisco

**4TH AND
KING/
TOWNSEND**

San Francisco

MILLBRAE-SFO

San Mateo

Redwood
City

Sunnyvale

**SAN JOSÉ
DIRIDON**

Morgan Hill

GILROY

Watsonville

Santa Cruz

Concord

Richmond

Oakland

Dublin

Livermore

Fremont

Tracy

Stockton

Modesto

Turlock

MERCED

Los Banos

San Luis Reservoir

To Fresno & Los Angeles

New
Melones
Lake

80

680

880

280

101

101

152

5



TUNNEL 2

TUNNEL 1

2024 Look Ahead



2024 Business Plan



Major procurements for track, systems, and rolling stock for the Central Valley



Full environmental clearance for San Francisco to Los Angeles



Electrified Caltrain service



Pursuit of additional funding needed to advance the work



Questions





Stay Connected



hsr.ca.gov/contact



Inquire about
upcoming meetings

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