High-Speed Rail: Central Valley at a Glance

The California High-Speed Rail Authority (Authority) is continuing construction while partnering with local agencies, community members, business owners and other key stakeholders to build the nation’s first high-speed rail system.

High-speed rail is already happening in the Central Valley, with construction now spanning 119 miles across Madera, Fresno, Kings, Tulare and Kern counties.

**JOBS**
Historically, the Central Valley's economy has lagged behind the rest of the state. Now, investment in high-speed rail is helping to close the gap.
- More than 2,500 construction jobs have been created with the help of the State Building and Construction Trades Council, the Fresno Regional Workforce Development Board and other groups.
- 30 percent of all project work hours are to be performed by National Targeted Workers (someone who lives within an economically distressed area, such as the Central Valley).

**CLEAN AIR**
The Central Valley Basin doesn’t meet current clean-air objectives.
- The Authority partnered with the San Joaquin Valley Unified Air Pollution Control District as one of the means to achieve the project’s goal of net-zero greenhouse gas and criteria pollutant emissions.
- Contractors must use Tier 4 construction equipment or equipment retrofitted to achieve comparable standards throughout the project.
- An interagency agreement with the California Department of Forestry and Fire Protection is in place to plant trees through the Forestry Assistance and Urban and Community Forestry programs.

**RECONNECTING THE STATE**
Home to nearly seven million people, the Central Valley is one of the fastest growing regions in the state.
- The Central Valley will serve as the “backbone” of a system that will tie the major regions of the state together.
- More than $3 billion in construction contracts have been awarded.

**STATION PLANNING AND DEVELOPMENT**
The Authority continues to work with local partners to develop station area plans based around proposed high-speed rail centers.

**Merced Station**
- Located adjacent to State Route 99 and the Union Pacific Railroad line on Martin Luther King Jr. Way/Highway 59 and the State Route 99 interchange.
Serves downtown Merced, UC Merced, Merced County and the upper Central Valley

Madera Station (Interim)
- Located on Ave. 19 in Madera
- Serves Madera county, connection point to Amtrak and Altamont Corridor Express services

Fresno Station
- Located in downtown area on H Street between Fresno and Tulare streets
- Serves downtown Fresno, Fresno and Madera counties

Kings/Tulare Station
- Located near the intersection of Highways 198 and 43
- Serves Hanford, Visalia and Lemoore

Bakersfield Station
- Project area is generally bounded by F Street to the west, 38th Street to the north, Union Avenue to the east and California Avenue to the south
- Vision Plan is intended to benefit the entire community—adoption of the plan will help streamline future downtown development
- Serves Bakersfield and Kern County

CONSTRUCTION PACKAGES
The Authority executed three design-build construction contracts for the Central Valley Segment of the high-speed rail system.

Construction Package 1 (CP 1) (32 miles)
Design-builder: Tutor Perini/Zachry/Parsons
Segment stretches between Avenue 19 in Madera County and East American Avenue in Fresno County. Includes 12 grade separations, four viaducts, a trench that will take trains under State Route 180, a major river crossing over the San Joaquin River and a pergola structure spanning the Union Pacific Railroad in north Fresno.

Construction Package 2-3 (CP 2-3) (65 miles)
Design-builder: Dragados-Flatiron Joint Venture
Segment is a corridor between East American Avenue in Fresno County and one mile north of the Tulare-Kern County line. Includes 36 grade separations within the counties of Fresno, Tulare and Kings, including viaducts, underpasses and overpasses.

Construction Package 4 (CP 4) (22 miles)
Design-builder: California Rail Builders
Segment stretches between one mile north of the Tulare-Kern County line and Poplar Avenue in Kern County. Includes construction of at-grade embankments, retained fill overcrossings and viaducts.