



California High-Speed Trains for the Central Valley

High-Speed Trains Offer Valley Travelers:

- A new transportation option
- A faster option to Northern and Southern California
- A better option for the environment

Governor Schwarzenegger says high-speed trains will bring:

“improvements to our air quality, reductions in greenhouse gas emissions, congestion relief on our highways and greater mobility.”

— Fresno Bee, May 4, 2007



SIMULATION ARTWORK: NSCD

With voter approval of the high-speed train bond in November 2008, construction is likely to begin as early as 2011 on an 800-mile statewide system of high-speed trains that will move people and goods like never before.

California High-Speed Train Proposed Route

High-Speed Trains Benefit the Valley

- Cities that are unserved or underserved by airlines, especially those in the Central Valley, will enjoy **easy, economical, reliable and fast commuter and travel connections** to Northern and Southern California—regardless of Valley fog, snow on the Grapevine or gridlock on highways.
- **Requiring less space than expansion of highways**, high-speed trains will **preserve farmland** by using existing rights-of-way where possible.
- High-speed trains will **eliminate many existing dangerous railroad crossings** by grade separating trains from automobiles, greatly **reducing traffic congestion and improving safety**.
- High-speed trains will **reduce traffic** on freeways by **creating high-speed options** for long-distance travelers, freight movement and enhanced local commuter transit.
- The high-speed train system will help **remove millions of passenger trips from the road**, significantly helping to improve air quality in the Central Valley, home to some of the nation's poorest air.
- The statewide high-speed train project will require us to draw upon and expand California's skilled work force, **creating nearly 160,000 construction-related jobs** to plan, design and build the system. An additional 450,000 permanent jobs are expected to be created as a result of the economic growth the train system will bring to California.
- High-speed trains have a proven record as the **safest, most reliable** mode of transportation in the world.
- The high-speed train network will help **revitalize downtown districts** in Sacramento, Stockton, Modesto, Merced, Fresno, Bakersfield and other cities by promoting and supporting sustainable transit-oriented development at multi-modal downtown stations as well as a potential station to serve Kings and Tulare counties. This is consistent with Valley Blueprint goals for a multi-modal transportation system and sustainable development.



Valley Corridor Benefits

- Sacramento to Merced:**
 The Railyards Development Project in downtown Sacramento will create a grand terminal to serve high-speed trains along with existing interstate and commuter train service, Regional Transit's light rail and other transportation modes.



SIMULATION ARTWORK: N3CD

- Merced to Fresno:**
 Grade separations, keeping automobiles separated from train tracks, will result in fewer accidents and improved traffic flow. Air quality will be improved, as cars will no longer idle at train crossings.



SIMULATION ARTWORK: N3CD

- Fresno to Bakersfield:**
 High-speed trains will create momentum to build and expand downtowns with new stations and by consolidating existing rail lines. Grade separations will improve freight rail and existing intercity train service.



SIMULATION ARTWORK: N3CD



SIMULATION ARTWORK: N3CD

- Bakersfield to Palmdale and Los Angeles:**
 Travel will no longer be challenged by valley fog and bad weather conditions over mountain passes. High-speed train passengers will zip from Bakersfield to Palmdale in about a half-hour and to Los Angeles in under an hour.



Protecting the Environment

High-speed trains use 1/3 the energy of air travel and 1/5 the energy of auto travel. And high-speed trains will eliminate over 12 billion pounds of the greenhouse gas emissions that cause global warming each year. That's equivalent to removing more than one million vehicles from our roads annually. That's why it's part of San Joaquin Valley Air Pollution Control District's Fast Track Plan for Clean Air.

Connecting the Valley to the Bay Area and Southern California

High-speed trains will link the San Francisco Bay Area and Sacramento with Stockton, Modesto, Merced, Fresno and Bakersfield, and with Los Angeles via Palmdale.

Frequent trains and travel times will offer Central Valley residents the opportunity to travel in comfort at high speeds like never before.

Examples of High-Speed Train Travel Times

Travel Route	Travel Time hours : minutes
Sacramento to Los Angeles	2:17
Sacramento to San Jose	1:24
Sacramento to Anaheim	2:36
Sacramento to San Diego	3:35
Modesto to Bakersfield	1:02
Modesto to Los Angeles	1:51
Merced to San Francisco	1:14
Merced to Bakersfield	:52
Fresno to San Jose	:51
Fresno to Palmdale	1:02
Bakersfield to Los Angeles	:54

“The valley’s population has grown three times faster than the state during the past five years... These people are driving millions of new miles, adding tons of new pollution into the air.”

Fresno Bee, December 16, 2007



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