



CALIFORNIA HIGH-SPEED RAIL: CALIFORNIA PHASE 1 CORRIDOR CONFIGURATION DESIGN

The California High-Speed Rail Authority is applying for a project development grant from the Federal-State Partnership for Intercity Passenger Rail – National Program (FSP-National) for federal fiscal years 2022 and 2023 funding to advance configuration design on two environmentally cleared sections of the California Phase 1 Corridor beyond the Central Valley.

The Authority's Project Development application for California Phase 1 Corridor Configuration Design (Design Project) is to fund configuration level design for two critical high-speed rail program sections with approved environmental clearance:

- San José to Merced
- Bakersfield to Palmdale

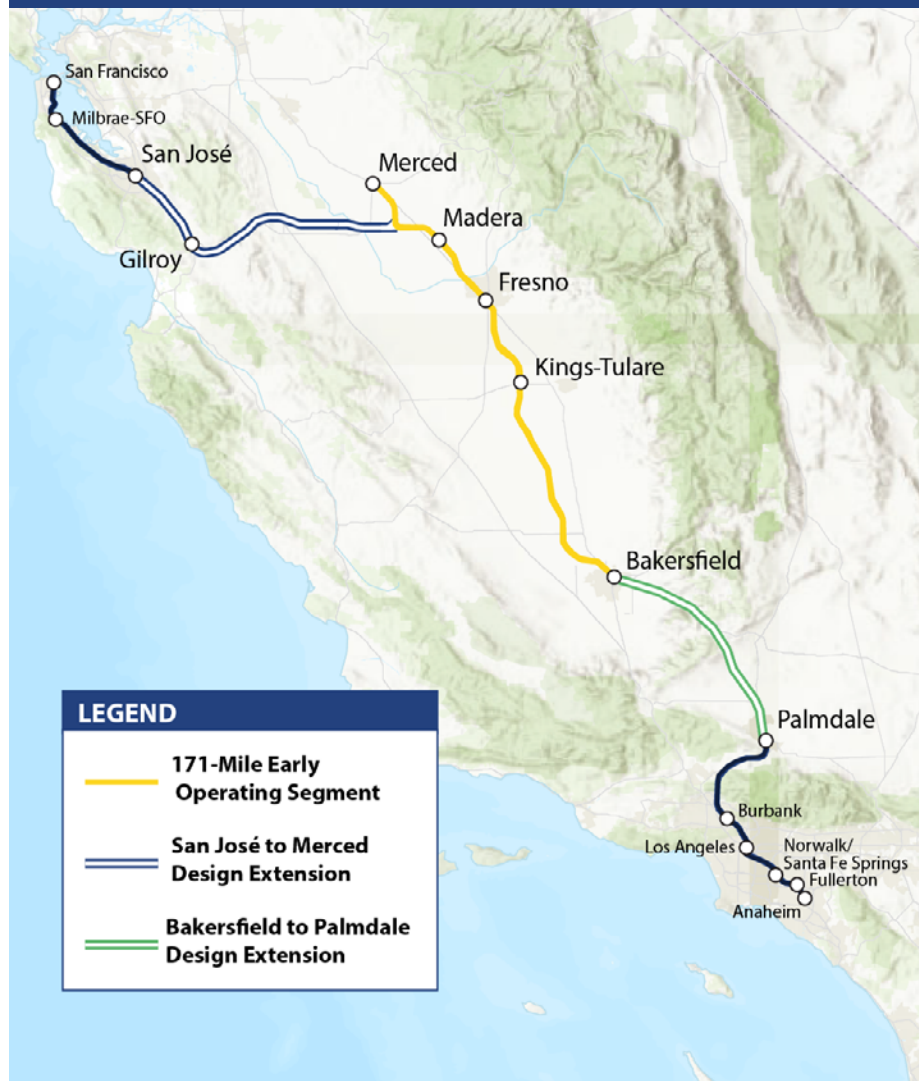
Both program sections involve complex tunnels requiring detailed geotechnical investigations.

The requested federal grant funds of **\$193.6 million** from the FSP-National Program would be matched by state Cap-and-Trade funds of **\$48.4 million**. The objective of the Design Project is to make progress on time consuming and complex design issues, including crucial geotechnical studies, critical to complete the design of long lead-time tunnel sections in mountainous terrains (such as Pacheco Pass and the Tehachapi Mountains) that are required to connect the major regions of the state.

This Design Project will result in completion of a configuration footprint (a minimum of 30% design), value engineering, refining the costs for construction, right-of-way mapping, and utility mapping. The benefits of this work would: maintain engagement with communities for early co-benefit investments on shared alignments; advance these sections towards construction; and reduce cost and schedule risk.

Another application for FSP-National funding is being submitted for Final Design and Construction for the Inaugural High-Speed Service from Merced to Fresno

CALIFORNIA HIGH-SPEED RAIL PHASE 1 PROJECT



to Bakersfield. In future funding cycles of the FSP-National Program and other appropriate federal funding programs, the Authority will seek additional federal grants for configuration design on additional Phase 1 project sections in Northern and Southern California that have achieved, or will soon complete, environmental clearance.

This FSP-National Program grant application is part of an on-going federal-

state partnership that, to date, has provided approximately **\$25.2 billion** in funding for California High-Speed Rail (**\$21.7 billion / 85% state, and \$3.5 billion / 15% federal**). California is the only state to have committed this level of funding to modernizing rail, and the Authority is asking the federal government to match this level of commitment with strong grant support to the project with Infrastructure Investment and Jobs Act funding.

Other recent Authority grant applications submitted include the Rail Crossing Elimination (RCE) and Consolidated Rail Infrastructure and Safety Improvements (CRISI) programs to complete construction of several grade crossings, and the Rebuilding American Infrastructure with Sustainability and Equity (RAISE) program for a station project.