

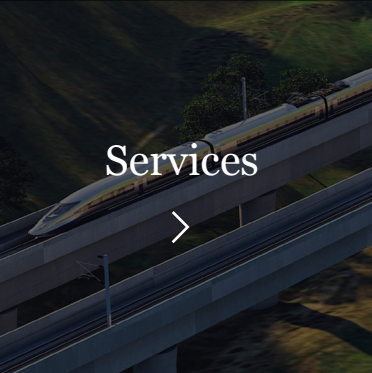


PROJECT: California High Speed Rail Program:
Rail Delivery Partner, Fresno, CA

PROFESSIONAL SERVICES: 2019 - Present

OWNER: California High-Speed Rail Authority

POINT OF CONTACT: Brian Sutliff, Director of Engineering
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SERVICES PROVIDED

- Program Management
- Engineering Oversight
- Design Review
- Utility Stakeholder coordination

BENEFITS TO THE CLIENT

- Technical engineering expertise related to large infrastructure projects Program Management
- Programmatic knowledge
- Understanding of Authorities processes and procedures

Brief Description of Project Relevance to this Contract

The California High-Speed Rail aims to allow passengers to travel from Los Angeles to San Francisco at speeds up to 220 miles per hour. Currently, construction is underway on the first 119 miles of the system in the Central Valley.

Summary Statement for Project

As part of the Rail Delivery Partner Team, VST has supported the Authority's Engineering Services Branch since 2019. Currently, VST Engineering serves as the Design and Construction Support Lead as well as Engineering Leads for each of the current Construction Packages (CP1, CP2-3, and CP4). In these roles, VST Engineering is responsible for coordinating and managing engineering activities between Authority Engineering and the Project Construction Manager (PCM). VST Engineering works in the field offices to ensure projects are following Authority design criteria and are consistent with programmatic position. VST utilizes the lessons learned through the current Construction Packages to help push these packages through completion and reduce the risk to the Authority on the forthcoming construction contracts.

VST Engineering is also currently serving as the Authority's Civil Engineering Lead. VST is responsible for conducting due diligence checks on Technical Contract Submittals for each of the Construction Packages as well as detailed design reviews on the Preliminary Engineering Packages. Additionally, VST is responsible for authoring design criteria regarding roadways, intrusion protection, utilities, and drainage. VST's intimate knowledge of the design criteria as well as programmatic goals helps ensure the program is delivered following key Authority principles.

Examples of innovative approaches that contributed to project quality and/or cost or schedule savings

At the request of the Authority, VST was embedded into the CP 2-3 and CP 4 Project Teams to help expedite PG&E design and construction. VST worked with the design-builder to develop design concepts that minimized right-ofway acquisition, lessening the impacts to project schedule. VST also led communications between the Project Team and PG&E to help facilitate design review and approval for construction.