

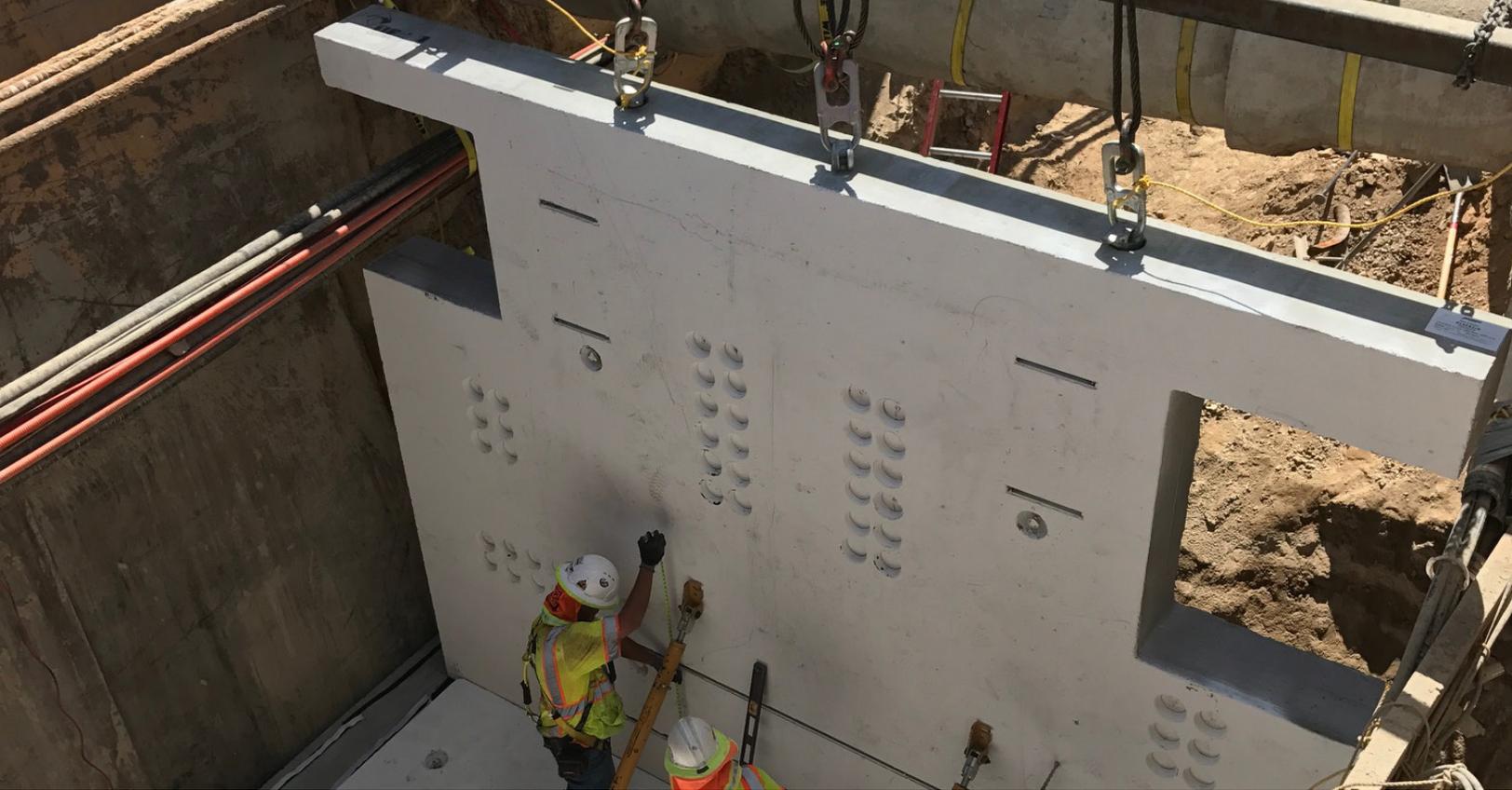
California Requires Telecom Solution for High Speed Rail Project

The California High-Speed Rail Authority needed to relocate six main telecommunication junctions as Construction Package 1 of the California High-Speed Rail project got under way. Spanning 32 miles from Avenue 19 in Madera County to East American Avenue in Fresno County, the rail system requires 12 grade separations, two viaducts, one tunnel, and one river crossing. These telecommunications junctions originally laid in the path of the bullet train.

Project Details

Project Owner	California High-Speed Rail Authority
Architect/Engineer	Parsons Transportation Group
Contractor	Valverde Construction
Location	Fresno, California
Project Scope	Precast Concrete Electric Utility Vault 15'H x 12'W x 12'L Precast Concrete Panel Vaults Manholes





Challenge

The six telecommunications junctions were in line to get speared by the train before the decision was made for them to be removed and relocated. Before Construction Package 1 could begin, underground utility infrastructure was the main concern so that service could still be provided to customers in the Fresno, California area.

Solution

Jensen Infrastructure provided a total design-build solution of precast concrete utility structures to aid the removal and relocation of the old telecommunications junctions. To future proof the project, we increased the size of the structures for additional growth. In the end, Jensen delivered 142 precast concrete vaults of varying sizes, mostly 15'H x 12'W x 12'L structures. This significantly raised the capacity for telecommunications equipment from previous junctions.

Key Outcomes

Right On Track

Allows the California High-Speed Rail Authority to complete Construction Package 1 on a pathway to the new rail system.

Telecom Continuity

Enables continued telecom services for Fresno, California residents.

Future Capacity

Provides additional capacity for future telecom needs at the new underground facility.

Questions? Let's talk. [\(775\) 352-2700](tel:(775)352-2700) info@jensenprecast.com

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