



## June Construction Update

**FRESNO, Calif.** – Two bridges are taking shape along the high-speed rail line through the Central Valley. The first is the project’s first free-standing structure in Madera County, while the other remains well ahead of schedule in downtown Fresno. For more pictures from the work sites and continuous updates on construction visit [BuildHSR.com](http://BuildHSR.com). For road closure information visit [Caltrans QuickMap](http://Caltrans QuickMap).

### Fresno River Viaduct

Near Madera



Portions of the temporary structure used to support the walls and deck of the 1600-foot long viaduct in Madera County have been removed. Crews are progressing on the north side of the viaduct including the pouring of concrete for an abutment, which is a structural anchor at either end of a bridge. The crossing spans the Fresno River and State Route 145.



### Tuolumne Bridge Construction

Downtown Fresno



The outline of the new Tuolumne Street Bridge can be seen in downtown Fresno now that 42 support girders are in place. These giant beams range from about 100 to 150 feet in length and weigh as much as 166,000 pounds and were constructed by Confab in Lathrop, CA. The new Tuolumne Bridge is ahead of schedule and is set to open to two-way traffic later this year.



### State Route 99 Realignment

Central Fresno



Electrical and lighting installation continues at McKinley Avenue and at the southbound McKinley Avenue on-ramp to State Route 99. Backfilling for a retaining wall is complete and concrete has been poured for other wall sections. Crews have also installed additional reinforcing steel for a barrier wall. This work performed by Caltrans is part of the 99 Realignment project to move SR 99 about 100 feet to the west.

## Cottonwood Creek

Madera County



Crews are ready to begin forming the bridge abutments (structural anchors) at Cottonwood Creek as construction continues on this crossing in Madera County. They will also be placing forms and pouring concrete for the four columns that will support the bridge structure across the creek.

## San Joaquin Viaduct

North Fresno



Equipment is being staged on the south side of the viaduct over the San Joaquin River. This summer, crews will begin clearing trees and brush from the construction area and relocating any utilities that need to be moved prior to construction. One of the first activities will be the construction of a coffer dam in the river bed that will allow foundation work for the columns of the viaduct.

## Cedar Viaduct

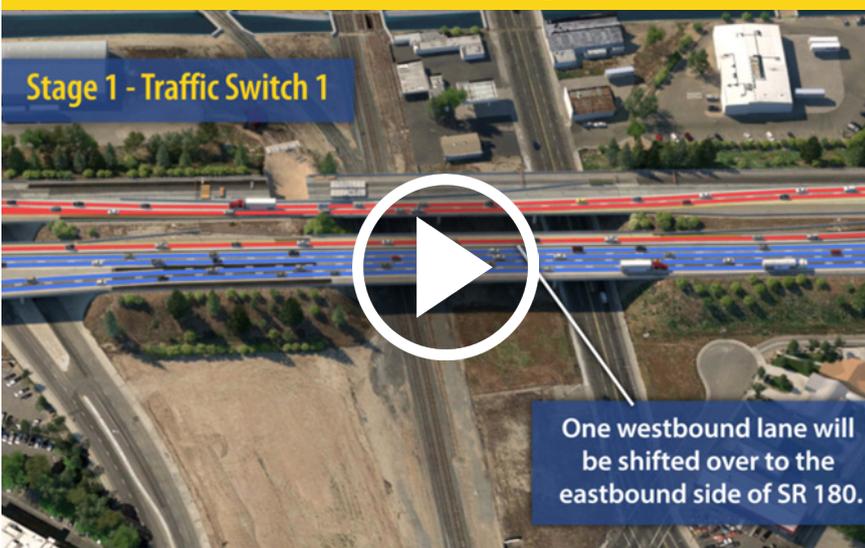
South Fresno



Utility relocation and right of way acquisition continues at this site in Fresno County. So far, crews have constructed four large support foundations for this structure that will eventually cross over State Route 99. Steel rebar cages that will be used to reinforce columns at this viaduct are being tied together by Martinez Steel, a certified Disadvantaged Business Enterprise and Hispanic Owned Micro-Business based in Fontana, CA.

## Fresno Trench/SR-180 Passage

Fresno



By mid-July, construction crews will begin shoulder improvement work on State Route 180 between G and H streets in downtown Fresno as part of work on the Fresno Trench. The two-mile trench will run from between Olive and Belmont Avenues, pass under SR 180 and continue to Stanislaus Street. Lane shifts will be required as crews work under SR 180. To see a detailed animation explaining these lane shifts visit [BuildHSR.com](http://BuildHSR.com).