

PROJECT / CRAIG CREEK BRIDGE



Pre-driven, cast-in-steel-shell concrete piles excavated after old bridge demolished. Traffic diversion took place on a rented bridge. All photos: Caltrans.



Cast-in-steel-shell concrete piles were ordered 9-ft longer and driven out of sequence to reduce impacts. They were excavated after traffic was detoured.



Precast concrete abutments were placed in single stage; no roadway shoring was required due to the value engineering cost-reducing proposal from the contractor.



The high-performance concrete deck was cured using pigmented Type 2 compound and water.



The high-performance concrete deck was water cured for three days – two-day strength was 3.2 ksi.



On the third day, the water cure was stopped, a heavy application of compound was applied, and traffic started to use the bridge.

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The old three-span Craig Creek Bridge that was replaced.

