

## ABC Project Highlights

Project Name: I-80; Summit Park Bridge  
Project #/PIN #: F-I80-4(118)141 / 6593  
Year Constructed: 2011  
ABC Element(s): Precast Superstructures  
Placement Method: Slide-in  
Contracting Method: CMGC

Project Description: The Summit Park Bridge along I-80 was in need of a deck replacement. During the initial scoping phases it was determined that the project was best served by providing complete bridge replacements rather than deck replacements alone. This provided minimal disruption to traffic as well as provided an enhanced structure that would accommodate the increasing demands of traffic volume in this area. Minimal disruption to traffic was accomplished through the state-of-the-art technique of constructing the new bridge adjacent to the existing bridge, constructing new abutments below the existing structure, and then demolishing the existing bridge and sliding in the new bridge all in one weekend. Both the westbound and eastbound bridges consisted of a 130 foot single-span steel girder superstructure which incorporated the use of lightweight concrete to help facilitate a more manageable slide operation. The use of micro-piles was used for construction of the substructure which accommodated the tight work areas that existed below the existing structure. The construction was completed in 5 months.









