

Construction Engineering



Construction Engineering Services Available

Dewatering
Falsework
Shoring

Project: Interstate 15 (I-15) Design-Build South

Falsework Design

Owner: Nevada Department of Transportation (NDOT)

Location: Clark County, Nevada

Sigma provided falsework design for eleven bridges (Numbers 2, 3, 5, 6, 7, 9, 10, 11, 20, 21, and 24) and shoring design for five bridges (Numbers 9, 10, 20, 21, and 24) for the Interstate 15 (I-15) South Design-Build Project.

Sigma staff provided plan sets, specifications, and calculations based on NDOT, OSHA, and AASHTO requirements. Sigma staff also verified the correct installation of the falsework and shoring elements in the field and developed an alternative falsework lowering system to help improve worker and traffic safety.

Project Duration: September 2008 - Present
Construction Cost: \$246,000,000.00 (Estimated)

