

Bridge Design



Bridge Design Services Available

CIP/PT Concrete Box Girder Bridges

Steel Plate Girder Bridges

Railroad Bridges

Cable-Stayed Bridges

Signature Bridges

Design Build/CMAR/P3 Experience

Construction/Fabrication/Erection Engineering

Project: Interstate 15 (I-15) Design-Build South Bridge 2956

Owner: Nevada Department of Transportation (NDOT)

Location: Clark County, Nevada

Bridge H-2956 is a 356-foot long, 3-span Cast-In-Place Post-Tensioned (CIP P/T) concrete box girder bridge. The mixed substructure includes both a straddle bent and a single column bent founded on large diameter drilled shafts. This new bridge carries the Southbound Collector/Distributor (C/D) Road 2 over the Southbound I-15 to Eastbound I-215 Ramp. Sigma prepared all construction plans, specifications, and estimates for the new bridge. Sigma also provided construction support, reviewed shop drawings, and arranged for accelerated design reviews with NDOT personnel during the bridge construction phase.

Project Duration: September 2008 - Present

Construction Cost: \$246,000,000.00 (Estimated)

