



Bridge Design

Bridge Design Services Available

CIP/PT Concrete Box Girder Bridges
Steel Plate Girder Bridges
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Cable-Stayed Bridges
Signature Bridges
Design Build/CMAR/P3 Experience
Construction/Fabrication/Erection Engineering

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

Bridge H-2948

Owner: Nevada Department of Transportation (NDOT)

Location: Clark County, Nevada

Bridge H-2948 is a 435-foot long, 4-span Cast-In-Place Post-Tensioned (CIP P/T) concrete box girder bridge of uniform width with an intermediate straddle bent that carries the Southbound Collector/Distributor (C/D) Road 1 over Blue Diamond Road. Sigma prepared all construction plans, specifications, and estimates. Sigma also provided construction support, reviewed shop drawings, and arranged for accelerated design reviews with NDOT personnel.

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



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