

Project: North Torrey Pines Bridge Replacement
San Diego, CA
Owner: City of San Diego
General Contractor: FCI Constructors
Designer: TY Lin International
Drill Equipment: Big Stan on truck carrier, SoilMec 312
Construction Date: 2003 - 2004
Project Value: + \$1,850,000.00
Scope: Anderson Drilling was contracted to construct **large diameter** drilled shaft foundations to support the new North Torrey Pines Bridge over Los Penasquitos Creek. The bridge was built in two phases to allow for continued service during construction. The foundation support for the bridge includes: (4 ea.) 108" diam. x 99 ft deep shafts at the bents, (12 ea.) 60" diam. x 65-105 ft. deep shafts at the abutments. Additionally, (50 ea.) 30" diam. shafts x 35 ft depth drilled foundation piles were installed to support a retaining wall. The drilled shaft construction included placement of temporary steel casing with a vibratory hammer through the upper clean beach sand deposits. Synthetic polymer drill fluid was used to provide shaft stability through the underlying over-consolidated clays. Anderson Drilling's service included: placement of client supplied reinforcing cages, furnish and pour concrete to the drilled shaft cut-off and on-site stockpiling of drill spoils.



