

36" Culvert Grouting SC DOT

Union County, South Carolina

A 36" diameter, 371' long RCP culvert collapsed several years ago, eventually creating a large sinkhole in Route 176 near Jonesville, SC. Our client had a contract to jack and bore a replacement culvert on a parallel alignment, and we provided grouting services to backfill the old culvert and fill the voids created by the collapse and erosion.

WEC installed bulkheads at the ends of the culvert, and pumped 97 cubic yards of specially developed low-viscosity grout into the culvert to completely fill it. Additional grout was injected through wellpoints installed from the highway median to fill the voids overlying the failed section of culvert.

GC: L-J Inc.

Geotechnical Contractor: WEC

