

Bore-Gard® Installation - 180 ft. Columbia, SC

Distance of Installation:	180 feet
Maximum Pulling Force on Pipe:	1,870 pounds
Reamer Diameter:	6 inch
Soil Conditions:	Rock, Roots, Sand, Clay

This bore required drilling 16 feet deep under a creek, which proved Bore-Gard is able to withstand challenging boring conditions. Roots, rock, and clay were encountered by the crew of a major Telco (see photos below). As is the case with many bores, a small pit was created for the product entry requiring the Bore-Gard pipe to bend at a tight radius. The strong joint has been designed and tested to handle the toughest conditions in trenchless construction. This installation was proof of its performance.



Far Left: At the entrance pit, Bore-Gard PVC pipe is being pulled into the 6 inch reamed hole through challenging tree roots, rock, clay and sandy soil. **Left:** Facing the entrance pit overlooking a creek 6 ft. below road level. Maximum depth of 16 ft. was reached below the creek bed. Space restrictions required the pipe to be added every 20 feet of the bore. The simple joint design enabled quick assembly to easily keep pace with pulling of the reamer.



Left: Facing the drilling rig (top left) overlooking the creek. Directional drilling and Bore-Gard pipe was the least cost option for this varied-terrain 180 ft. bore. Trenching was not an option. **Above Right:** A look at the 180 ft. span of the bore from far left to far right (drill rig) of the picture.