

Bore-Gard® Installation - 200 ft. Indianapolis State Museum Expansion

Distance of Installation:	200 feet
Maximum Pulling Force on Pipe:	Approx. 22,000 pounds
Reamer Diameter:	36" Backreamer
Soil Conditions:	Wet Clay

This was a \$65 million project, which entailed constructing a new state-of-the-art administration building for Indianapolis' State Museum. Miles of conduit and cables were needed to connect the two facilities, and because the two buildings were separated by a 200 ft. canal and roadway, the networking connection posed several challenges to the construction crew. However, despite the severe angle of the bore and the extreme stress placed on the conduit, 30 sticks of Schedule 40 Bore-Gard, each 200 ft. long, was successfully pulled through the bore at one time.



Above Left: A 200 ft. bore under a canal and roadway was needed to connect the Indiana State Museum with the new Administration Building. **Above Right:** Carlon Bore-Gard has a 65 degree bend radius making it flexible enough to be pulled around a building.



Above Left: A 36" backreamer was used to pull the 30 sticks of Bore-Gard through the bore.



Above Right: Twenty-Six 4" Bore-Gard conduits and four 4" Boreable Multi-Gard ducts, each 200 ft. long, are being pulled through a 200 ft. long bore.