

Bore-Gard® Installation - 220 ft. Long Island, NY

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| Distance of Installation: | 220 feet |
| Maximum Pulling Force on Pipe: | 1,560 pounds |
| Reamer Diameter: | 6 inch |
| Soil Conditions: | Clay and Rock |

This was a challenging bore because of the significant elevation change. From the road level the pipe had to transition up a 50 ft. high hill at 45 degrees. The bore first went beneath the street, then beside and behind the residence. The varied elevations proved how convenient the short lengths of Bore-Gard are to transport and assemble. The 1,560 lbs maximum load on the pipe was measured by our leading edge on-board computer. This used using only 18% of Bore-Gard's capacity.



Above Left: Bore-Gard PVC pipe being installed down a 45 degree slope behind a residence. The elevation change was 50 feet from the residence yard below. **Above Right:** View from the drill rig. The bore path went under the street, beside the residence and up the hill behind the home - a total of 220 ft.



Far Left: Bore-Gard 20 ft. pipes being installed down a steep slope. HDPE on a reel was not an option due to the steep terrain. Convenient Bore-Gard pipes can be held in any position required. **Left:** A view from the residence yard looking up the hill where the pipe was being installed. There was no disruption to the landscape of the residence.