

GUIDED AUGER BORING CASE HISTORY



Pipe Installation From Perco



Client: Balfour Beatty Utilities
Project: Potable Water Pumping Main, Dragonby, North Lincolnshire
Sub-contractor: Perco Engineering Services

When Balfour Beatty needed to install a new potable water pumping main at Dragonby in North Lincolnshire, Perco was awarded a contract to install 30 metres of 610mm ID lost steel pipe along with the launch and recovery shafts in soft ground with running sands.

To minimise disruption to rail operations, Perco installed a 7 metre deep, 3.2 metre diameter launch shaft with a concrete thrust wall for its BM400 optically guided auger boring rig.

A 7 metre deep, 2mtr x 3.5mtr rectangular manhole box was installed as a reception pit on the opposite side of the railway. Enabling works were carried out over a two week period without disruption to rail services.

Due to the soft ground conditions, auger boring under the track was carried out during a weekend possession from 22.00hrs Friday until 06.00hrs on Monday.

The augering work was completed 18 hours ahead of schedule. After installation, the shaft and box

manhole were both capped and then converted to manholes.

For more information regarding this project please contact our Sales Director, Nick Sheehan on 01604 590200.