

GUIDED AUGER BORING CASE HISTORY



Pipe Installation From Perco



Client: UU/Balfour Beatty Utilities
Project: Guided auger boring, Blackburn, Lancashire
Sub-contractor: Perco Engineering Services

Flooding problems in the Granville Road area of Blackburn necessitated an upgrade to the local sewer network. United Utilities' main contractor, Balfour Beatty Utilities had to install a new overflow system to reduce local flooding.

The affected area is mainly residential, comprising 1950's housing, busy local roads, a petrol station and the main trunk road between Blackburn and Preston. Guided auger boring was chosen as it was the least disruptive installation method available.

The proximity of the petrol station to the works meant that all operatives had to receive Petrol Station Fire Awareness Training.

120 metres of 525mm internal diameter and 40 metres of 225mm ID Naylor Denlok Clayware pipes were installed in three shots from three 2.4 metre ID caisson shafts sunk by Balfour Beatty Utilities.

Ground conditions were difficult, with a high water table and mix of peat and silt.

The works were carried out in a four week window in January and February 2007.

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