

GUIDED AUGERBORING CASE HISTORY



Pipe Installation from Perco



Scope: Guided Auger boring
Project: Sully Moors Road—Barry—South Wales
Sub-Contractor: Perco Engineering Services

BKG needed a solution for installing 49mtrs of pipe/duct under Sully Moors Road to facilitate HV cable connection to a substation by Western Power.

Under normal circumstances, the client could install pipes using a trenching system. However due to the amount of existing service/utilities crossing the road, & very high ground water levels this was no longer considered an option.

Perco was contacted to advise on the most appropriate solution. There were a number of options to explore and upon a site visit, Perco was instructed that 4 number ducts were to be utilised to cross the road for electric cables, Perco recommended installing a 457mm steel sleeve pipe via the guided

auger boring technique as the best cost solution.

The 457mm steel sleeve could be used to house all 4 number ducts and could be installed to line & level with the laser guided system.

The client agreed that this was the most practicable solution due to the nature of the existing ground conditions & associated risk with the existing services within the vicinity of the works.

Dermot Kenny of BKG commented "all works were carried out by Perco in a very professional manner on time, on programme and showing regard for the health and safety aspects of the works

involved. The staff on site were punctual, hardworking and obliging. Overall we are very satisfied with Perco on completion of the contract."

For more information on auger boring or shafts please contact our estimating team on 0115 9335000.