

DIRECTIONAL DRILLING CASE HISTORY



Pipe Installation From Perco



Client: UU/Alfred McAlpine Infrastructure Services

Project: Directional Drilling, Thistleton, Lancashire

Sub-contractor: Perco Engineering Services

One of the largest pipelines to use directional drilling by an American Augers DD6 Rig in the UK was installed under Lancashire's busy A585 at Thistleton on the Fylde by Perco. As traffic continued unaffected, the 710mm diameter water pipe was pulled into place.

Perco was brought in by Alfred McAlpine Infrastructure Services, under MWH's AMP3 pipeline project for United Utilities. The road crossing was required as part of the Franklaw WTW distribution scheme, in the Blackpool area, including supply pipelines from Thistleton-Weeton and Broughton

boreholes.

By specifying directional drilling, MWH and United Utilities avoided any interference with traffic and Perco also minimised transport movements to and from site by recycling the drilling mud.

In a drill of 100m, in soft ground conditions, Perco progressed from a 400mm ream up to 1000mm, opening the bore by 100mm at each step before towing the 710mm PE pipe through. The contractor used its American Augers DD6 mobile drilling rig and MCM 2000 mud mixing and recycling plant.

Alfred McAlpine project manager, Cameron Watson, said: "This part of the scheme showed the feasibility of horizontal directional drilling for large-scale water pipelines. Perco's professional approach got the job done, so we were able to complete the section to schedule."

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