



## M223 FRADLEY JUNCTION, STAFFORDSHIRE

Client:

**BPA**

Principal Contractor

**Darke Engineering Ltd**

Programme

**December 2016**

Summary:

**Grouting of Redundant  
Fuel Pipelines**



### PROJECT DETAILS

Following the removal of an overhead fuel pipeline crossing from the Trent and Mersey canal at Fradley Junction, two redundant sections of the 10" welded steel pipeline had to be abandoned, by grout filling. A. E. Yates Trenchless Solutions Ltd were contacted by Darke Engineering to assist with providing the correct grouting method and material. Following approval of the proposal by BPA we mobilised the resources to undertake the work.

The cut ends of each pipeline were capped with welded steel blanking plates complete with 2" injection/breather points. On day one we completed the site establishment and filled the first 200m length of pipeline using a site batched bentonite cement grout and pumped the grout under pressure into the injection point until it ran freely from the elevated breather pipe at the opposite end of the pipeline. Day two saw us complete the filling of the second 60m length and clear all our resources from site.