MICROTUNNELLING AT A467 ROAD CROSSING,
RISCA, NEWPORT, SOUTH WALES

Client:
Wales & West Utilities Ltd

Summary:
Upgrade gas distribution network

PROJECT DETAILS

MICROTUNNELLING

As part of the Wales and West Utilities programme to maintain and upgrade their gas distribution network, the works in South Wales involved the construction of approximately 8km of DN300 high pressure steel main. We were appointed as specialist subcontractor to install 65m of DN1200 jacking pipes below the busy A467 dual carriageway through which the steel pipe will pass.

We opted to use our Soltau RVS400As full face slurry machine fitted with a new bespoke cutter head to deal with the anticipated ground conditions. The initial pipe jacking works were completed on programme and following the installation of the permanent steel pipe, we returned to grout it in place. In addition to the pipe jacking works we also constructed 2No temporary sheeted excavations to provide the drive and reception pits.

GROUND CONDITIONS

- Mixed made ground, firm clay with occasional cobbles.

Soltau TBM ready to launch at A467 Road Crossing