HORIZONTAL DIRECTIONAL DRILLING AT ALTON PANCRAS

Client:
Wessex Water

Summary:
Year round water source to Alton Pancras

PROJECT DETAILS

HORIZONTAL DIRECTIONAL DRILLING

A E Yates Trenchless Solutions Ltd were employed by Trant Construction Ltd to carry out a critical crossing on their Alton Pancras WTW water supply grip contract. This formed part of the scheme to help the elimination of a stand alone source to ensure that the town of Alton Pancras had a reliable year round water source from Wessex Water.
HORIZONTAL DIRECTIONAL DRILLING AT ALTON PANCRAS

PROJECT DETAILS (Continued)

HORIZONTAL DIRECTIONAL DRILLING

We were contracted to install 2No 280mm steel pipes in separate bores with a separation of 3m between the pipes. Due to the hydraulic design of the pipe line the pipes had to be installed to very tight tolerances on the drill profile. Both pipe lines were installed to satisfaction of the client and well within the tolerance.

This was a challenging job due to the logistics of getting equipment to the pipe side and was made interesting when pulling pipe, as the pipe had to be controlled on a very steep slope, as you can see from the pictures.

The crossing were approx. 100m in length and had to cross beneath high voltage electricity cable road and a environmentally sensitive water way.

GROUND CONDITIONS

- Gravels and Mud stone