

BECCLES HDD UTX – GAS MAIN

Vital Consultancy were appointed as Rail Specialist for this design and build UTX project liaising with Network Rail ASPRO, the Client and their appointed representatives throughout Design, NWR Engineering Approvals, HDD installations and track / infrastructure monitoring.



Location:
Beccles



Programme:
6 months



**0 Accidents
and
Incidents**

Scope of Works

- Ground Investigations (Boreholes) and interpretive reports to 10m deep.
- (DURS) Desktop Utility Record Searches, Topographical Surveys, (GPR) Ground Penetrating Radar, Utility detection and Drill profile surveys.
- Network Rail Services Searches.
- CEM, CRE Design and CRE Construction.
- Design Submission Form A (AIP) and Form B (Certificate of Design and Check).
- Preparation and submission of monitoring and drilling (RAMS) Risk Assessments and Metod Statements + Track Monitoring Plan (TMP).
- Installation of 1 x 200mm diameter reams pulling 1 x125mm O/Diameter PE100 SDR11 MDPE duct 5 metres beneath rail sleepers.
- Drilling route passed beneath:
 - 1 x Network Rail Main Line (Bi-Directional)
- Monitoring of Network Rail Infrastructure in accordance with NR/L2/CIV/177.



Collaborative and Efficiency Delivery

- All works were non-disruptive to Network Rail. These works were planned with Network Rail ASPRO and related project stakeholders.
- Regular meetings were held with Network Rail and the client throughout the works. Management Team Vital Consultancy ensured compliance and assurance with Network Rail standards and requirements
- The crossing was carried out using HDD Technique taking circa 4 days to install with monitoring carried out on a 24/7 basis in line with NR/L2/CIV/177.
- Working programme updated as required to encapsulate Document Review Notices (DRN).

Communication and detailed planning were key. To achieve this, our planning team engaged in regular Microsoft Teams meetings with the Client's Project Management Team and Network Rail ASPRO Team to align and discuss: -

- Project Programme.
- Wayleave Agreements. Business and Technical
- Possession Applications.
- Deliveries and laydown areas.
- Launch and reception pits.
- HDD Installation requirements.
- Design technical queries.
- Network Rail Track and Infrastructure Monitoring.



"An excellent demonstration of collaboration and adaptability by Vital Consultancy Services, ensuring every challenge was managed seamlessly and the project delivered to a high standard"