

11kV Connection to Mid UK Recycling Plant

Customer: Mid UK Recycling Ltd.

DNO: Western Power Distribution

Location: Ancaster, Grantham, UK

During this project we have used several civil teams to shorten the completion of the required 10,000m excavations through Ancaster, A17 and the Cranwell RAF bas.

Our Project Manager worked with Nature England and the Environmental Agency to address excavation, reinstatement and reseeded issues along the route and through SSSI areas. We have also liaised with Total Pipelines and National Grid to establish a safe process for crossing the high pressure gas pipes along the route.

The historical old town of Ancaster has presented a number of challenges due to the narrow widths of the footways and the proximity to old protected buildings. The project was built on budget and completed prior to customer deadline, saving generator costs.

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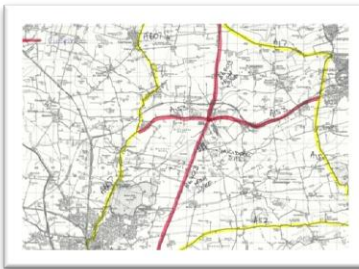


Mid UK Recycling Centre in Ancaster, Caythorpe, with 10,000 m cable route to WPD Primary Substation

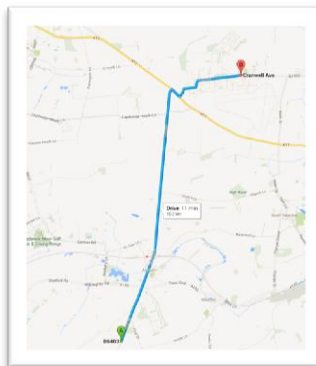
Scope:

- 11kv design to WPD specification
- Supply, delivery and installation of 11kV Switchgear
- Construction of the WPD intake Substation
- Excavation, lay and reinstatement of 10,000 meters along the cable route through carriageway and agricultural land
- Single duct cable pull (10,000 meters)
- Cable terminations onto the switchgear from DNO and customer sides
- Liaison with SSSI and Nature England
- Cable jointing and cable testing
- DNO and gas carrier liaison and connection coordination
- High Pressure Gas crossing
- Directional Drilling
- Public relations
- Traffic Management through Ancaster and Cranwell RAF
- Project management

Crossing of High Pressure Gas pipes



10,000 km cable route and A17 crossing



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