

Power Transmission Line, Nottinghamshire

Our Services

- Intrusive Site Investigation
- Geoenvironmental Interpretative Report
(including foundation recommendations)



Site Investigation of Pylon Foundations

An overhead power line running from High Marnham, in Nottinghamshire, to Chesterfield was to be upgraded from 275kV to 400kV. This necessitated the refurbishment and upgrading of selected towers and foundations along the route.

The project included the verification of previous works carried out by Balfour Beatty and additional works following recommendations that were detailed in Balfour Beatty's report.

A total of 25 towers were investigated across 40km of north Nottinghamshire and Derbyshire countryside. A variety of techniques were used including window sampling, dynamic probing, trial pitting, shell and auger drilling, rotary drilling. Inspection of selected foundations, including concrete coring, was also undertaken by CGL.

Client: Amec Group Limited
(on behalf of National Grid)