

OUR CHALLENGE

Our industry faces numerous challenges, including new renewable energy connections and maximizing asset life of aging infrastructure. Asset owners also look to multi-discipline consulting engineers to assist them through the various phases of asset management, which include: conceptual and detailed designs, construction, operation and maintenance, and decommissioning of their assets.

Our clients' success is pivoted on accurate and cost-effective ground investigations to support the foundation design processes necessary for the safe construction, maintenance, upgrade and rebuild of electrical assets.

Our team of experts will support you in the planning and transmission line design process.

OUR EXPERIENCE

Our extensive experience in undertaking ground investigations enables us to provide appropriate design parameters for optimal foundation design.

Our geotechnical and survey teams offer a multi-disciplinary service for overhead line, rail and underground cabling projects.

OUR SERVICES

Our unique services are in accordance with current codes of practice, industry standards and specifications:

- Underground mapping created from results gathered through utility searches and ground penetrating radar
- Unexploded ordnance assessments
- Geotechnical desk top studies
- Geotechnical ground investigations
- Foundation inspections of existing structures -intrusive and non-intrusive
- Under rail track crossings design and compliance
- Road and river crossings design and compliance
- Utilising trenchless technology
- Conceptual and detailed design of foundations including fully detailed construction drawings
- Foundation repairs and strengthening



Our geotechnical experts are supported by an in-house engineering team of specialist tower designers, asset managers and GIS consultants.

They have been involved in a range of projects across the UK and Ireland, many of which are in association with local consultants and specialist contractors.

WHAT WE DELIVER

- A client-focused service that is unique and seamless
- Safe solutions to the industry
- Experienced engineers to cover all disciplines
- Support by our in-house engineering team across the UK
- Detailed foundation solutions
- Expert opinion on foundation design and geo-environmental assessments

OUR COMMITMENT

Our international, dedicated, enthusiastic and experienced OHL design team is committed to supporting you by continuing to offer new technologies and innovations to provide world class, cost-effective OHL network designs.