

Lineside Civils (Signalling)



GGP Consult have worked on a vast number of resignalling and capacity relief schemes throughout the UK for some of the largest rail infrastructure contractors in the industry.

Having experience with all aspects of civil engineering on the rail infrastructure, our engineering professionals are well equipped to provide generic, Network Rail standard or bespoke engineering solutions, tailored to suit your project schedule and CR-T/Technical Work Scope requirements.

With an ever expanding portfolio of prestigious national projects covering thousands of assets, we can offer cost effective design solutions based on our wealth of experience and are regularly commended for being able to produce the highest standard designs for the lowest cost.

Our desire to exceed the client's expectations in terms of quality and programme are what set us apart from the competition.

Previous and ongoing signalling projects include the design of all types of asset foundations from generic Loc suite hardstanding details to full level crossing upgrades and equipment buildings. All types of signal foundations are catered for, from traditional and straight post signals to major cantilever and gantry signal structures utilising ground bearing or piled foundations to suit the site conditions and project requirements.

Lineside Civils in Relation to;

Straight Post, Cantilever, Gantry Signals
 REB (Relocatable Equipment Buildings)
 PSP (Principal Supply Point)
 UPS (Uninterruptable Power Supply)
 ASP (Auxiliary Power Supply)
 LOC (Location Cabinet) – All types
 DNO (Distribution Network Operator)
 Mobile Generators
 Lighting Columns
 UTX (Under Track Crossings)
 URX (Under Road Crossings)
 UFX (Under Farm Crossings)
 Stagings (Up Bank & Down Bank)
 Drainage & Cable Containment
 Level Crossings
 Retaining walls
 Embankment Stability works

Surveys

Cable Route Surveys
 Topographical Surveys
 Building & Dilapidation Surveys
 Drainage Surveys
 CCTV Surveys
 GPR Surveys

Design Services

Grip stage 3 to 8 design involvement
 Technical Approval to NR/L2/CIV/003
 F001, F002, F003 and F004
 Project Management
 Temporary Works Design
 Factual & Interpretive Reporting
 Bank Stability Assessments
 Ground & Soil Investigation
 Laboratory Testing