

# Lineside Structures



GGP Consult provide designs for a wide range of lineside structures. Previous projects have included a number of signal boxes, modular brick built PSPs and relay rooms etc as well as over and under bridges, viaducts and major retaining walls.

Our Architects and Engineering professionals are well equipped to identify and develop designs, tailored to suit the client's needs. We regularly assist our clients with feasibility studies, optioneering reports and technical specification production as well as offering comprehensive support at all stages of the contract from pricing to commissioning.

As a design consultancy we offer a 'one stop shop' for all elements of the scheme from architectural design and civil & structural engineering to mechanical & electrical engineering.

As well as new builds, we regularly assess the condition and suitability of existing buildings in the form of dilapidation and condition surveys through to scoping and detailed design to suit the proposed use.

Other lineside structure designs include OLE and signal gantries, bespoke equipment support structures and retaining structures of all types i.e. minor ballast board retaining walls, gabion walling, masonry, pre-cast and cast in situ concrete retaining walls, through to king post (universal column/universal beam) and block or sheet piling retaining structures.

## Lineside Structures

- Signal Boxes
- Equipment Rooms
- Retaining Walls
- Footbridges
- Over/Underbridges

## Surveys

- Cable Route Surveys
- Topographical Surveys
- 3D Laser Scanning Surveys
- Building & Dilapidation Surveys
- Drainage Surveys
- CCTV Surveys
- GPR Surveys

## Design Services

- Feasibility to As Built
- Client Specification Production
- Client Representation
- Tender Support
- Technical Approval to NR/L2/CIV/003 F001, F002, F003 and F004
- Landlords Consent Applications
- Project Management
- Temporary Works Design

## Design Services Offered Through Sub Contractor Design Partnerships

- Mechanical & Electrical
- Electrical & Plant
- Signalling
- OLE / ETE
- Trackwork Design
- Ground Investigations