

Bridge Engineering Services

As part of our infrastructure services, we are able to provide a range of services relating to highway structures and bridges. Having established a dedicated team in 2017, Clancy are able to undertake works including Principal & General Inspections, Maintenance Works, Parapet Upgrades & Repairs, Assessments and New Bridge Design works from initial feasibility through to construction.

These services can be provided either as a multi-disciplinary one-stop shop offering, or as stand-alone structural services.



The Bridge Engineering Team liaise closely with our Civil and GeoEnvironmental Department to provide a fully integrated design capability as required. Through this approach, we are able to work with our Clients from project inception to develop the most efficient solutions and maximise the potential of each scheme.

Our Bridge Engineering Department offer specialist advice in the following areas:

- General Inspections
- Principal Inspections
- Bridge Assessments
- Bridge Design
- Footbridges
- Cycle Bridges
- Temporary Bridges
- Highway Bridges
- Access Bridges
- Bridge Repairs
- Intrusive Investigations
- Ground Investigations

The Bridge Engineering Department provide a range of services including:

- Outline Concept
- Modifications & Remedial Works
- Value Engineering
- Approval in Principle
- Constructability Reviews
- Feasibility
- Detailed Design
- Risk Analysis
- Tender Designs
- As-Built Drawings

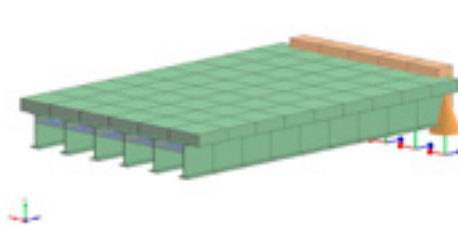
In addition to new works, Clancy are able to provide a full service to support the management of existing assets.

We have experienced engineers who undertake regular General and Principal Inspections in accordance with highway industry standards. This is backed up by our experience of repair and strengthening of structures to maximise the operational durability of any asset.



Bridge Inspection

General or principal inspections of highway bridges, rail bridges, footbridges, pipe bridges and access bridges



New Build

Analysis, design, detailing and specification of new bridges



Remedial Works

Investigation of defects. Design and detailing of repairs works and parapet upgrades