clancy consulting

Bridge Engineering Services

Our team provides a range of services relating to highway structures and bridges.

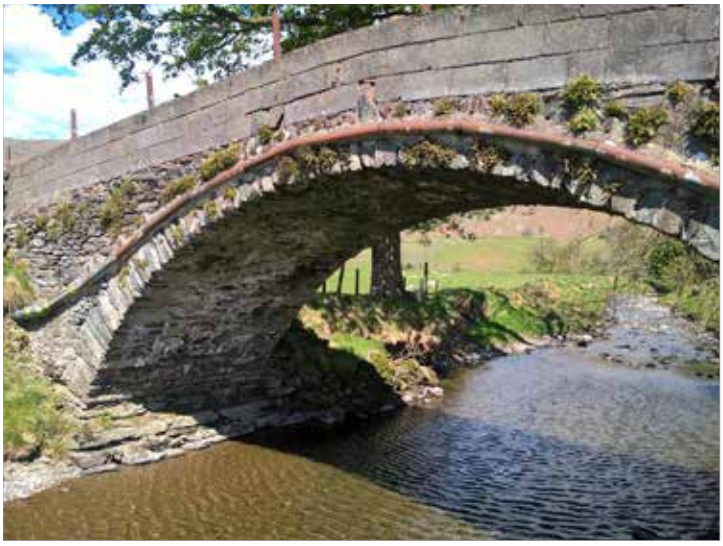
Clancy undertakes works including principal and general inspections, maintenance works, parapet upgrades and repairs, assessments and new bridge design works from initial feasibility through to construction.

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

The team liaises closely with our Civil and GeoEnvironmental departments 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.

We 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 provides a range of services including:

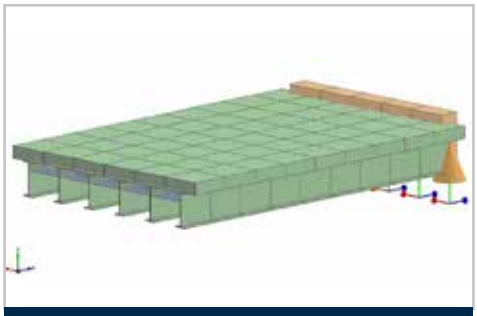
- Outline concept
- Modifications & remedial works
- Value engineering
- Approval in principle
- Constructability reviews
- Feasibility
- Detailed design
- Risk analysis
- Tender designs
- As-built drawings

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

Our experienced engineers 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.