

Tolvaddon Bridge, Near Camborne, Cornwall

Our Services

- Site Investigation
- Contamination Assessment
- Factual Report



Geoenvironmental Site Investigation

The Tolvaddon Bridge near Camborne has to be replaced in a £5m Highways Agency project because structural cables are corroding.

Dean and Dyball appointed **CGL** to undertake a site investigation to assess ground conditions in relation to the proposed bridge replacement where the A3047 crosses the A30.

The proposed works comprise the construction of a temporary bridge and associated embankments alongside the existing structure. Once in place and traffic has been diverted across the temporary bridge, the existing bridge will have the old deck removed and replaced with a new bridge deck.

It is understood that a sheet piled retaining structure or kingpost wall (or similar) is proposed for the abutments and embankment construction.

The investigation is being targeted along the proposed alignment of the temporary bridge and comprises a series of trial pits and exploratory boreholes with associated chemical and geotechnical testing.

Due to the topography of the site (embankments) a specialist drilling rig is being utilized. This rig is capable of climbing slopes of up to 45 degree angles.

Client: Dean and Dyball Construction Ltd