



# CASE STUDY BRIDGE INSPECTION



**Project: Inspection Survey of Orwell Bridge, Ipswich**

Up and Under Limited was instructed to provide a specialist rope access team to undertake a Principal Inspection of elements of Orwell Bridge where access is difficult. This included:

- Inspection of all piers.
- Inspection of the external faces of the deep haunch sections.
- Inspection of the internal faces of the deep haunch sections.

The inspection was undertaken during bearing replacement works so as to share traffic management and minimise disruption to the public.

The use of rope access methods made the inspection of the external elevations of the box beams at the deep haunches possible. In order for this to be completed safely traffic management was used to provide night closures of both lane two carriageways.

Detailed inspection findings in the form of a technical report with drawings was provided to the client.



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