

OUNDLE HISTORIC MASONRY ARCH BRIDGE



CLIENT: Northampton Council Highways

LOCATION: Oundle, Northamptonshire

MAIN CONTRACTOR: Kier Integrated Services Ltd

COMPLETED: July 2020

Strengthening an historic viaduct

Goldhawk Bridge Restoration was invited to carry out an assessment of the 13 arch Grade II listed Oundle North Viaduct with the view to being able to lift the current weight and speed restrictions for traffic using the river crossing. Seven of the thirteen arches had previously been assessed as requiring strengthening and Goldhawk re-assessed these and designed MARS systems for each to achieve the required capacity.



Careful planning and testing

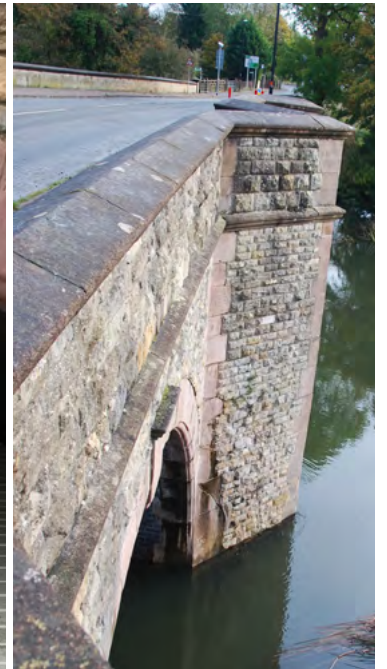
This project required planning for our team to work safely beneath the bridge on a wide river whilst maintaining a navigable channel.

We executed the process of Arch Coring, using specialised drilling techniques, to establish the accurate thicknesses of the various arch barrels.

Benefits of selecting the MARS system

The MARS system was chosen by the client as the most cost effective and least disruptive solution. The MARS system satisfied the local authority conservation officer that using this type of strengthening complied with all necessary permit requirements.





Delivering the project

- ✓ Completed whilst under strict Covid working conditions.
- ✓ Environmentally clean operations, using a pontoon for access.

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MASONRY ARCH SPECIALISTS

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