

Gull Wing Bridge, Lowestoft

In collaboration with our client, farrans construction, ekspan provided support across the £146 million engineering project. Our experts provided design, manufacture and installation services for the 342m single leaf, rolling bascule bridge, the first of its kind in the UK.

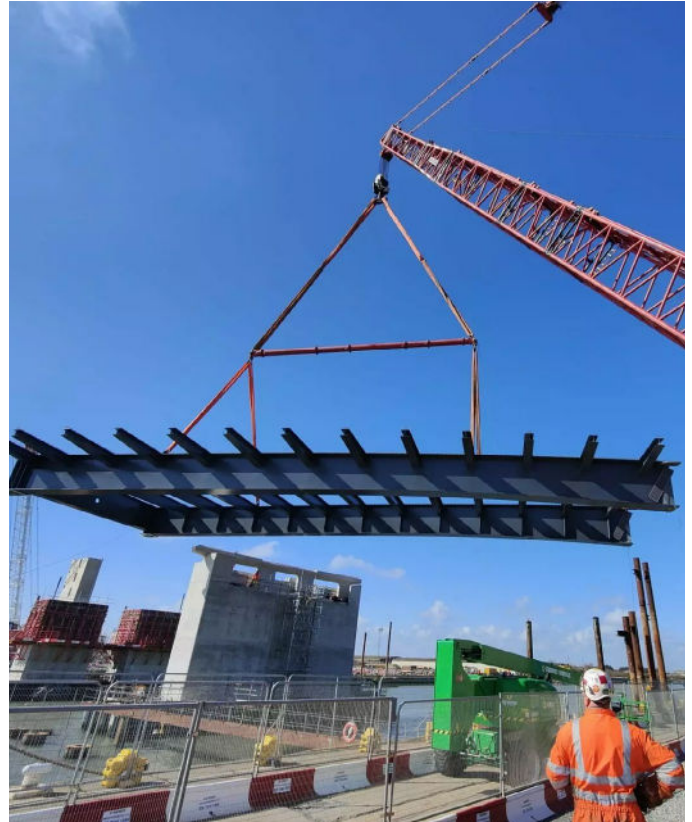
EKSPAN SUPPORT

We also gave the site team end-to-end support with the temporary works that were needed to keep the structure safe throughout its construction. The EKSPAN team designed the temporary works' jacking arrangements as well as the fixed, transverse and longitudinal restraints.

Our team undertook thorough checks before supplying these temporary works measures, to ensure their compliance with Temporary AIP, CAT 3 checks, and Network Rail Form 002/003.

We were also tasked with procuring and manufacturing the temporary works measures and permanent bearings being installed on the project.

As part of the support to Farrans, we installed the jacking arrangements and temporary restraints they required so the structure remained safe during its construction. Our expert installation team assisted with the landing of the structure alongside the installation of the new permanent pot bearings, including permanent grout beds.



HOW EKSPAN CAN HELP YOUR PROJECT

Both the temporary work supports, and bridge bearing solutions used for Gull Wing Bridge were UK manufactured, in our Sheffield factory. This meant the client was guaranteed their project was designed to support and built to last.

Our teams can provide end-to-end support for your project, no matter the complexity.

For more information on our range of pot bearings, visit our product page [here](#).

Use the contact form below to speak to our experts on we can assist in your civil, mechanical or structural engineering project today.



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