

# Calder Road - Bearing installation & temporary works, Dewsbury

## BACKGROUND INFORMATION

EKSPAN supported the TRU West Alliance on the Calder Road bridge upgrade – part of the transpennine route upgrade programme – delivering time-critical bearing installation and temporary works during a high-priority blockade.

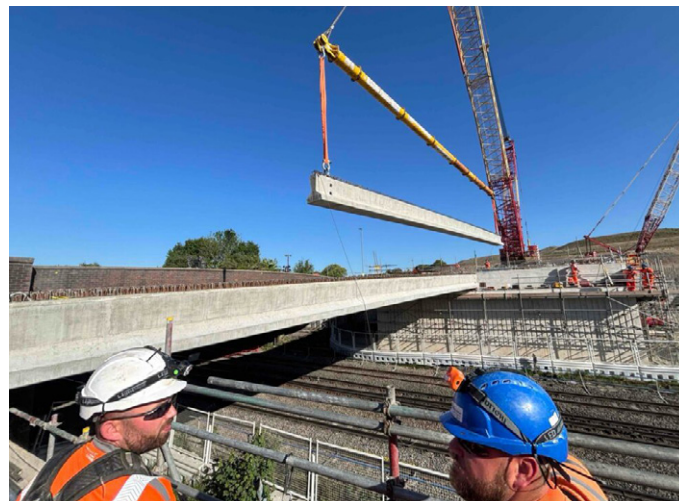
As part of the wider Transpennine Route Upgrade (TRU) programme, the Calder Road scheme required expert coordination to ensure beam landings could take place under live blockade conditions. EKSPAN were engaged to support BAM TRU West in planning and executing the structural bearing installation and temporary works needed to progress this vital rail infrastructure scheme.

## EKSPAN SUPPORT

Our scope of works included the following key services:

- **Pre-installation** of all elastomeric and mechanical bearings directly onto the bearing shelf
- **Design and setup** of temporary works to receive incoming beams
- **Live beam landing** support – with EKSPAN teams present on site throughout
- **Load transfer** from temporary to permanent bearings, followed by removal of temporary works

A heavy emphasis was placed on early-stage planning to ensure that once the beams arrived on site, the transition process could be completed quickly and safely. Once the beams were landed and securely positioned, our teams completed a controlled de-jacking process, enabling the full structural load to be transferred to the newly installed bearings.



## PROJECT HIGHLIGHTS

- Delivered during a live rail **blockade** – timing and precision were critical
- **Seamless collaboration** with BAM TRU West ensured safe and successful delivery
- EKSPAN's in-house **temporary works design** supported full beam landing operations
- **All works completed on schedule** with zero disruption to programme



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