

Bishopgate Bearing Installation and Temporary Works, Leeds

Ekspan supported balfour beatty on the leeds station improvement works – delivering technical bearing installation and controlled jacking operations above the historic mill goit channel.

As part of the wider Leeds Station Sustainable Travel Gateway scheme – a £46.1M project to improve access and pedestrian infrastructure around the station – EKSPAN were engaged to assist Balfour Beatty with the installation of critical structural bearings across the Mill Goit. With a heritage-sensitive location and tight spatial constraints, the project demanded exceptional planning, on-site precision, and safe sequencing to support phased beam installation and structural load transfer.

EKSPAN SUPPORT

Our scope of works included the following key services:

- Installation of elastomeric bearings onto newly constructed shelves
- Live on-site support during steel beam landing
- Supply and operation of 25No 100T jacks for controlled raising and lowering of the structure
- Full de-jacking sequence to enable transfer to permanent bearing supports
- Close collaboration with project engineers to ensure safe bearing cast-in and structural continuity

Given the presence of adjacent Grade-II listed structures, a careful and collaborative approach was vital. EKSPAN's expertise in structural movement and support systems ensured a smooth transition from temporary packers to permanent supports – while avoiding any disruption to live station



PROJECT HIGHLIGHTS

- Works delivered directly above the historic Mill Goit channel
- Structure raised and lowered using 25No 100T jacks
- Complex installation achieved over two site visits to align with wider programme
- Collaborated seamlessly with Balfour Beatty to ensure safe, phased completion
- All bearings successfully installed and cast-in without disruption



PROJECT HIGHLIGHTS

EKSPAN are trusted partners for complex, time-sensitive infrastructure projects across the UK. Our in-house team delivers full engineering design, bearing manufacture and site installation – all to exacting national standards. Whether supporting new builds or upgrades on heritage assets, we bring unmatched precision to every project.

For more information about our full range of structural bearings and structural engineering solutions, visit our [Structural Bearings](#) page or [Contact Us](#) to speak to a specialist.

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