

Bill Boley Project Profile

Total Solutions in Controlled Hydraulic Movement and Jacking

Project Designation/ Location

Road bridge strengthening near Ibrox Stadium, Glasgow.

Client

George Leslie Ltd



End Customer

Glasgow City Council



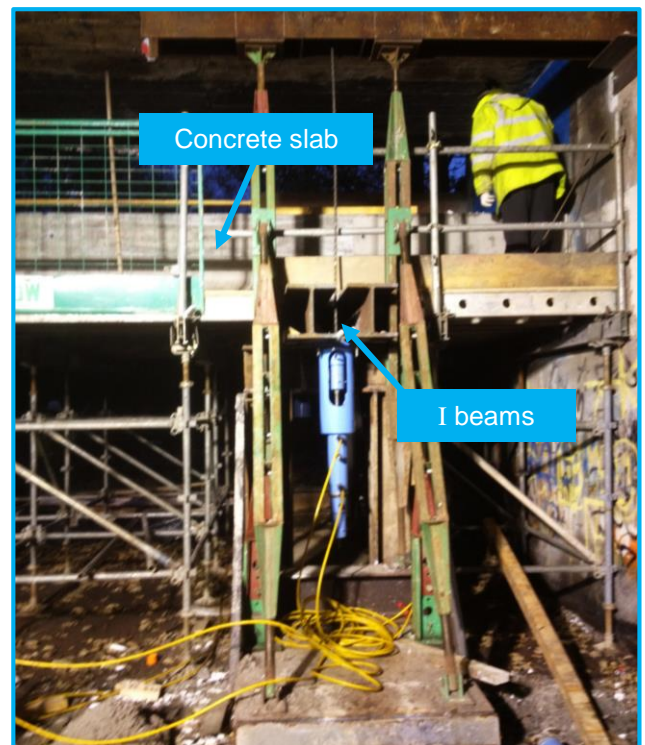
Project Challenge

To lift two concrete slabs, each weighing 40 tonne, into position beneath an existing bridge as part of a strengthening project. The overall lift was 3 metres in a very confined space.

Bill Boley Solution

The concrete slab was supported on two pairs of 'I' section steel beams, which were then connected to two pairs of 15 tonne strand jacks suspended from a temporary steel frame underneath the bridge. (See opposite)

In effect the jacks worked upside down and slowly pulled the slabs up into position under computer control. Bill Boley is the UK's leading expert in the use of strand jacking.



Expertise

Bill Boley Ltd have over 25 years' experience in the application of hydraulic movement, hydraulic jacking and hydraulic sliding across a broad spectrum of industries. Whether you want to move a 16th century barn, slide a complete 1500 ton section of motorway, pre-stress a major multi-pier box girder bridge, lift an oil tank for repair or replace a motorway bridge bearing, we have the know-how and expertise to carry out your requirement securely and safely - with the utmost care and precision.

We carry an extensive range of hydraulic jacks and hydraulic control equipment. These form the basis of our bespoke systems and where necessary we design and build special hydraulic jacks and equipment to meet a particular requirement.

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Bill Boley
"Controlled Hydraulic Movement"