


# Bill Boley Project Profile

## Total Solutions in Controlled Hydraulic Movement and Jacking

### Project Designation/ Location

Bridge section support during new bridge construction as a part of A46 bypass project adjacent to J15 Longbridge Island, M40 motorway Warwickshire.

### Client

Morrison Construction (part of Galliford Try) 

### End Customer

Highways Agency



### Project Challenge

To provide accurate alignment and support for the beams of two bridge sections during the concrete 'stitching' process joining them together.

### Bill Boley Solution

250 100 tonne jacks were used as part of a computer controlled jacking system to align and support the bridge beams of the two bridge sections during casting. The completed bridge is part of the A46 bypass which carries traffic over the M40 motorway. Such projects require carefully planning and pinpoint accuracy. The work also had to be completed within a tight time schedule.



### Background Information

The M40 Junction 15 bypass project provides a dual two-lane bypass and bridge over the motorway to allow traffic on the A46 from Stratford-upon-Avon to Coventry to bypass Junction 15. The new section of bypass was opened to traffic in Dec 2009. The £80m project is also providing significant improvements to the junction roundabout and sliproads.

