As part of the M3 Motorway PPP scheme an underbridge was required to carry the new highway over the River Boyne. The three span steel composite bridge had an overall length of 115m with a central span of 51.5m.

Hewson undertook and independent category 3 check of the bridge and developed a detailed stage-by-stage analysis in order to assess the time dependent effects on stresses in the structure.

**KEY FACTS:**
- Independent category 3 check
- Detailed stage-by-stage analysis