



Category: Best Use of Innovation in Construction of Local Infrastructure

MHA+ member name

Galliford Try

Supporting organisation(s)

Briton Fabricators Limited (Structural Steelwork S/C

Summary

The Grantham Southern Relief Road Phase 3 delivered by Galliford Try on behalf of Lincolnshire County Council will stretch for 3.5km, linking the A52 at Somerby Hill to the B1174 and onto the A1, crossing the Witham Valley, River Witham and East Coast railway line via a new viaduct. Benefits demonstrated were mainly in safe operation within an exclusion zone. The plant could move freely beneath the high voltage overhead cables without any risk to the apparatus, the plant, or the operatives working in the vicinity. By using an innovative lifting technique instead of the traditional telehandler, excavator or crane the works were completed in a safe, efficient and timely manner minimising unnecessary weight to the launch nose. The operation ensured that no time was lost and has provided a new technique for installing the main girders at the other end of the bridge deck being incrementally launched.