

MHA+ Technology Awards Winner: Best use in Construction

Executive Summary: Vita Load Navigator, Melton Mowbray Distributor Road

Leicestershire County Council, Galliford Try and AECOM worked through the ECI period to produce the most efficient and effective design solution for structures on the Melton Mowbray Distributor Rd project. Design solution notwithstanding, the project team were keen to develop a system to land the beams through the lifting process with minimal human interaction with the process.

Galliford Try, through their Exceptional Lift Procedure which ensures all lifting operations are planned and implemented robustly and safely, engaged with the Supply Chain partners to make use of the Vita Load Navigator System. Traditionally manipulation of beams whilst at significant height would be achieved using tag lines attached to the beams and physically pulled by an operative/s on the ground. This innovative technology allowed the beams to be turned through 360 degrees to their optimal position without any human form interaction on the beams, minimising the risk of harm as a result.