



**Category: Best use of technology to improve health, safety and well-being - SHORTLISTED**

**MHA+ member name**

Balfour Beatty

**other partners involved in the development of this product/project/nomination**

West Northamptonshire Council

**Summary**

The £39.5m Northampton North-West Relief Road (NNWR) project exemplifies how technology can drive exceptional health, safety and wellbeing outcomes in complex infrastructure delivery. Delivered via the MHA MSF3 framework, the scheme included 1.5km of carriageway, a 400m causeway, two bridges, five culverts and flood mitigation work. Works were constructed adjacent to a flood plain with a challenging earthworks strategy. The team overcame severe weather and socio-economic pressures through a fully collaborative, one-team approach. Technological innovations were embedded throughout, enhancing site safety, streamlining risk management, and supporting workforce wellbeing. These advancements contributed to a CCS score of 44 and £346k in social value. The project also achieved £3.2m in value engineering savings, demonstrating how smart solutions can deliver both safety and efficiency. NNWR sets a benchmark for the highways sector, showcasing how integrated technology and collaboration can transform health and safety performance while enabling sustainable growth.