



Category: Best use of innovation in Construction of Local Infrastructure - [SHORTLISTED](#)

MHA+ member name

John Sisk & Son Ltd

Supporting organisation(s)

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

Summary

The Kex Gill A59 Improvement Scheme demonstrates how digital construction can transform infrastructure delivery, combining engineering excellence, innovation and collaboration to deliver lasting value. North Yorkshire Council, Sisk, designers and supply chain partners integrated BIM, GIS, drone reality capture and ISO 19650 information management into a single, geospatially enabled delivery environment.

Near-real-time site intelligence supported safer planning, faster engineering decisions and proactive quality assurance, while digital workflows reduced reliance on traditional surveys and physical inspections. The results are significant: **£650,000** of quantified value, **44,000 hours** of delay avoidance, more than **5,000 survey hours** saved, **5,000+** remote reviews, **45+** NCRs closed early and **49.5 tCO₂e** carbon avoided.

The project also created a substantial environmental and social legacy, including **12,750+** native trees and shrubs planted, 400m of watercourse enhanced, **23 apprenticeships**, **eight jobs** and **76 weeks of placements**. Kex Gill provides a proven blueprint for safer, more productive and sustainable infrastructure delivery.