



## **AMEY: STAFFORDSHIRE CONNECTED ROADWORKS PROJECT**

The Staffordshire Connected Roadworks Project was completed in February 2017 after a successful 18-month project. The project, led by Amey and Staffordshire County Council with project partners, aimed to identify opportunities for utility companies and local authorities to operate simultaneously at a site, minimise disruption to the public, reduce resource use and lower costs.

This was achieved through a smart city platform which used algorithms to identify ‘hotspots’ on a map where work was planned near to another party, during a similar timeframe. The local authority and Amey were then able to coordinate utility providers and local authority crews to work sites where collaboration was possible. This joined-up approach to road works generated savings for all parties.

During the project, roadworks occupation on the Staffordshire network reduced by 52 weeks. This was realised across 31 joint initiatives and produced a social return on investment of £1:£58. In Staffordshire, it is predicted there could be 2,000 fewer days that roadworks occupy the network if the smart city platform was used, generating £4.5 million worth of travel time savings to the local economy through reduced congestion.

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