



HIGHWAYS ENGLAND SMART MOTORWAY SCHEME

As part of the primary link between Nottingham and Leeds, the M1 junctions 28 to 31 are notoriously busy, carrying a significantly higher level of traffic than they were originally designed for. As a result of this, Highways England partnered with Bouygues Energies & Services, an Equans company, to upgrade this section of the motorway to a Smart motorway.

Our Solution

- Removal of 45 MS3 signs and 250,000m of cable
- 60,000m of trenching in verges, side slopes/cuttings and installation of ducting and 62,000m of cabling
- Design, supply and installation of 94 CCTV masts for next generation IR cameras
- Supply and installation of 80 raise and lower masts for Wavetronix Radar detection system
- Supply and installation of 100 RCTTM
- Supply and installation of 900 motorway communication chambers.
- Fit out 45 portals of MS3 gantries
- Installation of 400 cabinets (610 type) with associated plinths
- Installation of 6 air quality analyses
- Supply and installation of 240m of steps, 16 landings with handrails and 1200m² of access paving
- Commissioning, testing and maintaining site records.

Client Benefits

Collaborative working and active participation with client was used to resolve problems.

A next generation communications infrastructure installed using our knowledge, experience and expertise.

Key Facts.

- 400 bases
- 18 miles of smart motorway
- 60,000M of ducting installed

