

Case Study

DBFO A50

Traffic Monitoring

Background

The A50 is a strategic east to west connection between the M6 and M1.

Connect Roads in conjunction with Balfour Beatty (parent company) are responsible for the operation and maintenance of this section of the A50 from Swanley Interchange at the eastern end of the Derby Southern Bypass to Meir Interchange at the western end of the Blythe Bridge Bypass. Connect Roads is one of the UK's largest private sector road operators, responsible for the development and maintenance of a wide range of motorways and major trunk roads.

The contract was originally let by National Highways (then The Highways Agency) on behalf of the Secretary of State, who remains the highway authority for the route.

Connect Roads require full and precise data to ensure they meet the terms of their contract. This permits them to be accurately reimbursed for their investment in build infrastructure, maintenance, and ongoing road safety improvements. They require the use of Traffic Monitoring Equipment to correctly report the volume and type of traffic using the route.

Solution

Clearview have been providing TME (Traffic Monitoring Equipment) and monitoring traffic on DBFO's for many years. This is the 14th DBFO to be awarded to Clearview, on this occasion by Connect Roads.

Timely delivery of up-to-date intelligence is crucial to DBFO route operators. Our data provides decisions that keep operations running smoothly, minimising disruption to network users and businesses.

A50 Length: 57 km
Construction value: £35m
Date opened: 1998

Additionally, continuous monitoring and reporting of traffic flows, backed up by manual video verification of data is provided to the client.

We have deployed 4 of Clearview's M680's, the latest generation of traffic count/classification devices based on inductive loop technology along the route. The M680 captures vehicle count as well as Vehicle by Vehicle (VbV) data including class, direction, gap, speed, length, axle count, axle separation and headway.

Thanks to its robust design and IP67 rated enclosure, the M680 delivers unrivalled levels of accuracy, reliability and ruggedness ensuring year round operation

Working in close collaboration with Connect Roads the necessary service level has been tailored to provide a suitable TME package meeting the needs of the client.

Key Benefits

- Provides highly accurate data capture required for route use and financial reporting
- Immediate fault reporting and swift repairs through agreed contract service levels
- Visual video verification to ensure ongoing system accuracy
- A reliable and collaborative approach enables effective long-term strategic partnership working