



# Commonwealth Games Upgrades

Client: Network Rail West Midlands Central | Value: £2.2m | Project Start: 01/22 | Project End: 02/23

## Providing a reliable system in preparation for the Commonwealth Games

SPL Powerlines UK were commissioned by the West Midlands Central route RAM team to undertake a scheme of resilience works to instil more reliability into the OLE system in preparation for the upcoming Commonwealth Games and beyond.

The Central route covers a major part of the national rail network. It includes a main link between the West Midlands and London, a key commuter line in and out of Birmingham and a vital freight route. The ongoing upgrades to the OLE are fundamental to the growth and expansion of the transport system.

## A multi-discipline approach

The SPL Powerlines UK team worked closely with all other disciplines along the route, including track, signalling, civils and distribution to enable a seamless delivery of all packages of work.

The project was instructed to undertake works to the copper droppers, neutral sections, SPS and wiring, bonding and the upgrade of bridge supports in 9 bridges along the route.

The upgrades allowed the Commonwealth Games to pass with no incidents for the rail network and successfully completed the movement of people across the city for the games with no interruption. The continued work will ensure the OLE system is reliable for all rail users in the now and in the future.

### WORKS DELIVERED BY SPL POWERLINES UK INCLUDED

Re dropper 35 wire runs

Replace jumpers, cross contact bars and v droppers in all wire runs associated with droppers

Renew top tie insulators on 36 wire runs

Renew 2 x neutral sections at Stetchford & Berkswell

9x bridge support upgrades Design and build

Enable and work alongside Camlin's to install 4 x Pantobot monitoring cameras and the associated cabling

