



OLE Cubed - Midland Main Line

Client: Network Rail Capital Delivery North | Value: £8.8m | Project Start: 05/21 | Project End: 01/24

Scope of works

SPL Powerlines UK were commissioned by Network Rail to undertake the renewal of various Life Expired OLE Structures, Neutral Sections and Section Insulators on the Midland Main Line Route. The approximate extent of the East Midlands route encompasses - Midland Main Line from St Pancras to Chesterfield. The geographical area of Cubed works focusses on the 25kV Electrified SPC1 route.

29 OLE Structures are being monitored by the maintenance team for movement and degradation, along with 8 OLE Neutral Sections which are currently BICC which are at risk of acid notching failures and requiring increased maintenance. And 44 OLE Section Insulators (39 No. GRIP 6-8 and 5 No. GRIP 5-8). Currently they are BICC and Brown Boveri which are nearing their asset life. All requiring renewal in CP6.

The SPL Powerlines UK team are proceeding well with structure renewals with surveys and piling works almost fully completed and mast, portal installs and wire transfers expected to be completed on program. There have been some challenges to overcome but being transparent and working collaboratively with our client, RAM team and PBH design team we are ensuring that the final product SPL Powerlines UK deliver will suit the clients remit to reduce the maintenance required and remove the risk of age expired asset failures causing disruption to our passengers and freight customers.

WORKS BEING DELIVERED BY SPL POWERLINES UK INCLUDED

Renewal of 29 failing OLE Structures to remove risk of failing

Renewal of 8 x failing Neutral Sections to reduce the maintenance required and remove risk of acid notching failures

Renewal of 44 number OLE Section Insulators currently BICC and Brown Boveri nearing their asset life

