



STIRLING – DUNBLANE – ALLOA

Electrification

The Project

REL were engaged by Costain, under the banner of ABC, to deliver all the works associated with OLE installation route-wide between Alloa to Stirling via Dunblane.

Scope of works

The project was tasked with the electrification of 98 single track kilometres of diesel only infrastructure. REL installed all the main steel and associated SPS, including the installation and registration of all cantilevers and rigid beam tunnel equipment inclusive of associated tunnel and bridge drilling. This comprised of all the switches, aerial earth wire, high level and lineside bonding inclusive spider plates installation and associated civils foundation work.

Project Value: £7,124,000

Client: Costain

Dates: August 2017 – September 2020

The project involved several stations throughout the route, some of which had Historic Scotland and several complicated junctions, tunnels and bridges which needed managed and considered.

REL also delivered all the traditional conductor installation and supported the installation of all the high output wiring utilising the specially developed Alstom high output wiring train. This totalled in excess of 100 wire runs to complete the works. REL also led the project with commissioning works and assurance associated with the ability to commission the system in advance of energisation.



Accountability, Reliability & Quality

Leading the charge in the decarbonisation of the UK rail network



The Outcome

From the start of the project REL was embedded within the Costain project delivery organisation, liaising with Network Rail to ensure a close collaborative approach to the safe delivery, quality industry leading installation and completion of the project on programme.

REL's project delivery organisation consisted of all the disciplines associated with delivery, such as construction managers, OLE Supervisors, Linesmen, all of the associated safety critical resource, Plant fitters, Field Engineers, CRE's, Testing and Commissioning Manager, supported by our dedicated fleet of RRV's.

At its peak, REL supplied over 80 directly employed staff onto the project and operated and managed in excess of 40 machine teams across the whole project.



Over 200,000 hours worked. Zero accidents & incidents.

