www.sunvillerail.co.uk
enquiries@sunvillerail.co.uk
08448 099 301

PROJECT PROFILE: 106412 – HV CABLE ROUTE REFURBISHMENT PROJECT

PROJECT SPECIFICATIONS

Status:	**COMPLETED**
Started:	**June 2013**
Completed:	**June 2016**
Project Duration:	**3 years**
Client:	**LINBROOKE**
Location:	**EASTLEIGH**
Discipline:	**REFURBISHMENT OF 12 COMPLETE FEEDER SECTIONS INCLUDING, BANK STABILISATION, RETAINING WALLS, TROUGHING & GRP INSTALLATION, ROUTE SUPPORT, T STAKES**

ABOUT THE PROJECT

The 106412– HV Cable Route Refurbishment project was carried out to repair and replace the cable routes for HV feeder cables on the Wessex route electrification which was in a degraded state.

PROJECT OVERVIEW

Where the HV cable was unsupported or was retaining the weight of ballast material it experienced undue mechanical stress, leading to rapid degeneration of the insulation and damaging the integrity of the HV cable which could have caused the cable to fail. This cable route also had encountered a degradation of the GRC and GRP troughing housing the cable as over time it had become brittle and broken leaving the feeder cable exposed to the elements.

Sunville Rail conducted the surveys to identify where subsidence or displacement of the existing cable route existed and then carried out the required work to ensure that all HV cables affected by soil or ballast movement are offered the best route and maximum possible protection from mechanical stress.

The general scope of the works included;

- Site surveillance and planning
- Bank stabilisation
- Retainer walls
- Troughing repairs and installation
- Route support
- GRP installation
- Vegetation clearance
- T Stake support to existing routes
- Ballast clearance
- Manhole installation

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For more information please contact:

Paul Hayes
Managing Director
Sunville Rail Limited
paul.hayes@sunvillerail.co.uk