

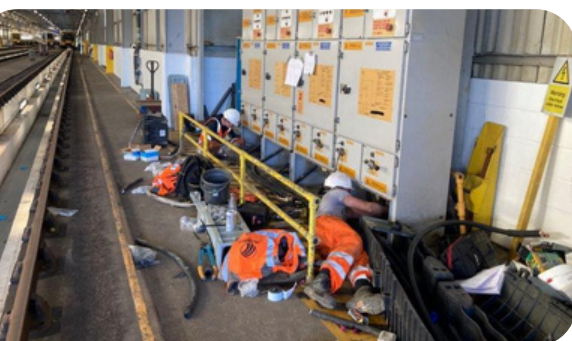
GILLINGHAM MAINTENANCE DEPOT

REPLACEMENT OF POWER TRACTION CABLES & URX INSTALLATION



THE PROJECT

Following a disruptive traction cable failure, AMI Projects carried out the design and renewal of the defective DC Shore Supply cables and buried route, for Roads 3-6, at southeastern's Gillingham Traincare Depot, for Network Rail.



Project Value

£330K

Project Started

**Sept
2022**

Project Ended

**Dec
2023**

Client

**Network
Rail**

THE DELIVERABLES

- Vegetation Clearance
- Civils Design for cable containment -GRIP 5
- Installation of Chambers and ducting for multiway URX
- DC Isolation and Test
- Disconnection of Installation of new cables
- Installation of guard boarding
- Test of cables

CHALLENGES & SOLUTIONS

The challenge was to excavate the Depot Road and install a new concrete duct block with chambers. This separates and routes ten new 500sq mm Al traction cables, from the conductor rails to the contactor panel inside the shed, while providing a DC shore supply to the Depot.

AMI worked closely with the Depot's management team to minimise disruption during the various stages of the work. This included the temporary diversion of the DC shore supply cables, temporary modification to the existing contactor panels and removal of a section of con rail.

