

Project Report

OTHER PARTNERS	CLIENT
Scott Parnell	Network Rail
CONTRACTOR	INSTALLER
Colas	Colas

Requirement

As part of the SRSA Reliance Mid Cornwall Metro upgrades, a section of rail track in Gossmoor required urgent attention. The original concrete troughing method used for cable containment had proven unsuitable due to persistent water runoff from the adjacent country park. This led to regular flooding, jeopardising the safety and reliability of the railway infrastructure.

To mitigate the issue, the client Colas, on behalf of Network Rail, needed a Cable Route Management System that could elevate critical high-voltage and power cabling above the flood-prone area. The initial requirement was for 120 metres of system coverage, which was later extended to 150 metres due to the speed and ease of installation observed on site.

Solution

Anchor Systems provided a Size 2 Rapid Route Cable Route Management System to meet the challenges of the site. This modular, elevated solution proved ideal for installation in difficult terrain and delivered several critical benefits:

- Flood Mitigation: The elevated design prevented future water ingress and damage to the cable infrastructure.
- Speed of Deployment: A one-day onsite training session was followed by just two installation days, including loading of cables.
- Adaptability: The system's modularity enabled on-site adjustments, with the initial 120-metre plan expanded by an additional 30 metres without design changes.
- Minimal Ground Disturbance: Using Anchor Systems' ground screw foundation technology, each bracket was quickly and securely installed without the need for excavation or concrete.

This installation demonstrated the practicality of the Rapid Route system for challenging environments, offering a fast, efficient, and durable cable management solution for the rail sector.

Goos Moor Newquay

Rapid Route

