

# Network Rail Slade Green Depot Mains Water Renewal

## Best Practice Case Study



### Project Data

Client : Network Rail

Location : Slade Green, Kent

Main Contractor : Sisk

Completed 2021

### Project Overview

The depot is a major railway depot situated in Slade Green, South East London.

It is owned by Network Rail and operated by South East Trains providing berthing and maintenance facilities for a variety of rolling stock .

The train depot operates 24 hours a day for train refits, repairs and refurbishments and it consists of the Networker shed to the northside, and on the other side of the main line associated sidings to the south, which are linked by a pedestrian overbridge. A continuous maintenance and upgrade regime is in place to ensure the smooth and uninterrupted running of the depot.

### Scope Of Work

NCCT were contracted to replace the dilapidated water main from the existing on street water meter to the Inspection Shed( circa 1000m), including branches to Crew Shed, Tanking Point tank, Berthing Shed, Berthing Shed Accommodation, General Accommodations, Control Building and Inspection Shed.

The works included –

- GPR and intrusive "*Slit Trench*" survey of route
- Provision of traffic management
- Excavation and reinstatement of trenches
- Installation of 160 mm dia main
- Connection of buildings to new supply

All works had to be undertaken in consultation with the depot management as it was essential to this project to ensure the site was accessible and remained live at all times. This was carried out successfully and on time – highlighting another success of the NCCT collaborative delivery approach.

