

New Swan Lane - Road Crossing and Track Renewal



Haigh Rail Limited was commissioned to undertake the renewal of the track and heavy duty road crossing at New Swan Lane. To minimise public disruption the project was planned to be completed within a 60 hour period.

Following a pre-isolated rail delivery shift a temporary compound was established at Black Lake car park, inclusive of welfare, site office, materials and plant.

Haigh Rail Limited commissioned Traffic Management, which allowed for complete access to the site.

Utilising on and off track plant, Haigh Rail Limited successfully removed the aged heavy duty road crossing, floor cutting along pedestrian and road tarmac and associated rail, contaminated ballast and slab.

Once removed and to coincide with the required track geometry, Haigh Rail Limited placed 300mm of hardcore base, installed outer and inner concrete stabilisation beams. Twin block concrete sleepers were laid in accordance to accept the new road crossing, guaranteeing all original geometry. New rails were set in place, welded and stressed and completed re-ballasting throughout the site.

Installation of new road crossing panels prior to tarmac works and hot line markings completed.

Stability testing of the road crossing was performed prior to removal of all Traffic Management.

Hand-back along with dilapidation survey and compound clearance were all completed within the allocated timeframe.

Key Project Facts

- Plain Line Track renewal
- Welding and Stress
- Re-Sleepering
- Scrap Clearance
- Installation of heavy duty road crossing
- Road Traffic Management
- Highway marking