

New Cross Gate Depot



Project Summary

Overview

Enhancements throughout the depot to accommodate increased train operations, from 4 to 5 x car

Locations

- Stabling Sidings 1 - 8
- Maintenance Facility Building
- Wheel Lathe Facility
- New Cross Gate station (Southern head-shunt)
- Northern head-shunt (new)

Services Undertaken

Permanent Way and 3rd Rail designs (GRIP 4+5), topographic surveying, structure gauging analysis and staging designs

Switch & crossing and plain line track designs, conductor rail and negative bonding 3rd rail designs and embedded concrete track design

Value Added by Novus Rail

Integrated surveying, Permanent Way and 3rd Rail ETE design services, minimising interfaces and simplifying co-ordination

Supporting our Client throughout the extremely taxing design and engineering assurance processes

Key Project Specifics

Wheel Lathe Facility

- Extension to the facility
- Permanent Way design (GRIP 4+5)
- 3rd Rail ETE design (GRIP 4+5)

Maintenance Facility Building

- Extension to the facility
- Permanent Way design (GRIP 4+5)
- 3rd Rail ETE design (GRIP 4+5)

Southern Head-shunt (New Cross Gate station)

- Extension to the bay platform
- Permanent Way design (GRIP 4+5)
- 3rd Rail ETE design (GRIP 4+5)

Northern Head-shunt (New)

- New head-shunt associated with the wheel lathe
- Permanent Way design (GRIP 4+5)
- 3rd Rail ETE design (GRIP 4+5)

Stabling Sidings 1-8

- Altering IRJ locations, conductor rail gaps and bonding
- Permanent Way design (GRIP 4+5)
- 3rd Rail ETE design (GRIP 4+5)