

Bombardier LO-Train



Project Summary

Overview

Substantial upgrades to Willesden Traction Maintenance depot and Chingford (London End) sidings to cater for servicing and maintaining the new Bombardier Class 710 which are to be introduced for passenger operations

Locations

- Willesden (Traction Maintenance Depot)
- Chingford (London End Sidings)

Services Undertaken

Options Selection report for the proposed assets (GRIP 3).

Topographical and structure gauge surveying, and track condition examinations to determine scope of work to the existing locations to accommodate the planned upgrades

Permanent Way design (GRIP 4+5) for new AVIS systems and structure clearance analysis for new cleaning gantries

Establishment of track monitoring system to ensure the construction works do not affect the existing infrastructure

Value Added by Novus Rail

Minimisation on the scope of track work to be undertaken and ensuring compliant structure clearances at Entry into Service stage, along with the prompt delivery of high quality Permanent Way design submissions

Key Project Specifics

Willesden TMD

- New AVIS (Automated Vehicle Inspection System)
- New high level cleaning gantries
- Options selection (GRIP 3)
- Permanent Way design (GRIP 4+5)
- Track condition examinations
- Plain line design and sidings remodelling
- Topographical surveying
- Structure gauging analysis
- BIM (Level 2) compliance

Chingford Sidings

- New AVIS (Automated Vehicle Inspection System)
- New high level cleaning gantries
- Options selection (GRIP 3)
- Permanent Way design (GRIP 4+5)
- Track condition examinations
- Plain line design
- Topographical surveying
- Structure gauging analysis
- BIM (Level 2) compliance