

Northern Hub : Package C



Project Summary

Overview

Increase capacity and headway at Manchester Oxford Road and Manchester Piccadilly stations to allow for more passengers and an increased service in the Manchester area

Complete remodelling of Oxford Road station layout and a new elevated island platform at Piccadilly station adjacent to the existing platforms 13 and 14

Novus Rail undertook the duties of Designer, in accordance with CDM Regulations (2015)

Locations

- Piccadilly Station (Manchester)
- Oxford Road (Manchester)

Services Undertaken

Permanent Way detailed design (GRIP 5), structure gauging analysis and staged installation planning considerations

S&C junction remodelling, plain line design, new platforms, new under-bridges, ballast increase at existing under-bridges and a track category enhancement over the section of route

Value Added by Novus Rail

Nominally £1.6 million saving identified and agreed with all relevant stakeholders for omitting Deansgate Station alterations specified in the Outline design without any detriment to operations, compliance, performance or safety

Key Project Specifics

Piccadilly Station

- 2 x new elevated platforms (over Fairfield street)
- Permanent Way design (GRIP 5)
- S&C junction remodelling
- Plain line design
- Structure gauging analysis
- Staging design considerations
- BIM (Level 2) compliance
- Project Wise document control

Oxford Road Station

- Complete station remodelling
- Permanent Way design (GRIP 5)
- S&C junction remodelling
- Plain line design
- Structure gauging analysis
- Staging design considerations
- BIM (Level 2) compliance
- Project Wise document control