



Maghull North New Station

Client

Buckingham Group Ltd

Timescale

September 2017 – June 2018

Disciplines

Signalling Telecoms



Services Utilised

- Turnkey Design
- Project Management
- Test & commission
- Installation

Customer Objective

Maghull North is a new station constructed on the Liverpool to Ormskirk Line. The objective of providing a new station is to improve transport accessibility in the Maghull area and facilitate new housing and employment. The structure for the £13m development is being funded through the Government's Local Growth Fund in association with Merseyrail and the Homes and Communities Association the previous owner of the land.

Project Overview

Network Rail is responsible for building the station, which will be operated by Merseyrail. The head contract for the construction was awarded by Network Rail to Buckingham Group Contracting Limited who worked closely with Linbrooke to design, implement, test and commission into service the key train control technology.



Linbrooke Project Scope

Linbrooke were able to provide a truly turnkey solution closely matched to Buckingham's delivery programme. Working in accordance with Network Rail's mandatory GRIP process for the delivery of rail projects, Linbrooke supported the agreed stage works through to signalling system handback to allow the physical train control works to be delivered. Key to the success of the project was the time taken to agree on an acceptable workshare that allowed the project to be delivered to time and cost.

Services provided:

- Civil Engineering for Signalling Minor Structure Design and Install, 7 Kilometres of Lineside Multicore and Power Cables
- Lift and Shift of existing Cables to support the new Platforms Construction works
- Signalling Location Case Equipment Housing Build and Internal Installation including Factory Test process
- Signalling System Equipment Design, Installation, Test and Commissioning
- Telecommunications
- Minor Signalling Power Supply Upgrade

Telecommunications • Power • Signalling • Civils • Training

Design • Installation • Test • Commission

Benefits of working with Linbrooke

Linbrooke are one of the largest independent turnkey railway companies operating in the United Kingdom. The staff have a wealth of experience in delivering integrated train control solutions. Their independence allows them to select the best equipment available to meet a specific requirement in the most cost-effective way.

Innovation and Feedback

The introduction of GRP screen and mesh at the newly installed location case OK7/101 was introduced as part of the newly integrated Signalling System.

Network Rail Senior Maintenance Engineer for the route praised the innovation stating: "On the new location case that you installed at Maghull North for ML220R, you have fitted a screen for keeping the location case in the shade, can I congratulate you on this innovation. This is a brilliant yet simple solution to the issue of sun warming up the sides and I would love to expand this across the network as we have issues with this type of problem."



For further information on this project or to discuss world class telecoms, power and signalling solutions, call us on

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