

## Stoke – Syston : Route Clearance



## Project Summary

### Overview

Syston to Stoke was identified as a potential freight route for vehicles travelling from the East Coast to the West Coast Mainlines for the passage of W6a, W10 and W12 vehicles

### Locations

- Longton station
- Blythe Bridge station
- Uttoxeter station
- Sileby station
- Barrow Upon Soar station
- Loughborough station (Platforms 1 and 3)

### Services Undertaken

Validation of the feasibility design scope (GRIP 3) and preparation of the outline track and gauging designs (GRIP 4), to enable freight gauge clearance at all stations

Topographical surveying, Permanent Way design and structure gauging specification and analysis

### Value Added by Novus Rail

*Determination on the scope of work to be undertaken and prompt delivery of high quality design submissions*

### Key Project Specifics

- Topographical surveying
- Validating feasibility designs scope (GRIP 3)
- Permanent Way designs (GRIP 4)
- Platform gauging surveys
- Structure gauging surveys
- Plain line alignment design
- Determination of the proposed platform gauge
- Analysis of stepping distances and passing clearances
- Structure gauging analysis
- Road crossing vehicle grounding assessments
- Determination on sequence of track / platform alteration
- Preparation of CWR stressing plans
- Determination of CRT management plans