

The reinstatement of rail services to Corby was an important part of the North Northants Development Commission's plan for the regeneration of Corby town.

Corus played a major role in the creation of the new station at Corby. Working for the Principal Contractor, Dean & Dyball Rail, as Lead Designer Corus provided a multidisciplinary service including the management of design interfaces and liaison with several other stakeholders.



The services provided by Corus included:

- Architectural development of the scheme and production of high quality rendered imagery for approval by the Development Commission and English Heritage
- Topographic and Permanent Way survey
- Geotechnical Investigations
- Design of new station building and platform/bus station canopies
- Design of new platforms, and associated infrastructure
- Platform and Canopy Gauge clearance design
- Mechanical and Electrical Design for building and platform including the development of sustainable systems such as Photovoltaic cells and Rainwater recovery
- Telecomms Design for CCTV, CIS and PA
- Development of the Environmental Management Plan and BREEAM assessment for the station

Through Corus' experience in Modular and Offsite construction, including involvement in the development of the Modular Station concept for Network Rail and the implementation of the concept at the first stations, Corus were able to provide a high level of knowledge and expertise in this project. Consequently Corus were able to deliver detailed design of the station and platforms in very short timescales which was necessary given the compressed build programme. Corus ensured that there has a high degree of interaction with the contractor, Network Rail and other stakeholders working around the station. As Lead Designer Corus also managed all the outputs from the numerous disciplines to ensure they were fully integrated and resulted in practical and safe solutions for the construction team.



- Using the Corus Hi-Point roofing solution enabled roofing of the 18m x 18m building roof in a matter of hours and platform canopies in days
- To bring about cost savings Corus developed their designs to take into account the re-use of the prototype Modular Building and roofing