



Dalston Western Curve Civil Engineering Project on East London Line Project Phase 1A

Client / Consulting Authority:
Birse Metro Limited

Date:
June 2010 - September 2010

Project Value:
£1m

Location:
East London



Project Highlights

The East London Line extension will form part of the London Overground rather than London Underground, having been rebuilt to Network Rail standards.

Project Description

The Colas Rail scope of works was Permanent Way and Conductor Rail Installation. The Permanent Way is continuous welded BS113A rail mounted on EG80 type concrete sleepers with Pandrol e-clip fastening. The Permanent Way includes a curved adjustment switch and Xitrack installation.

Concrete track slab were also constructed. Resilient sonneville BCR4 and BCR5 baseplates with Vossloh W14 fixings were installed to reduce noise and vibrations. This is one of the first installations of this trackform to be made in the world.

The project also included installation of Innostrail track crossing and Brecknell Willis through the curve to Dalston Junction Station.