

Contract in brief

Location:

CTRL 232, Stratford

Client:

Union Railways (North) Ltd

Consultant:

Rail Link Engineering

Blackwell Role:

Main Contractor

Form of Contract:

CTRL Standard Conditions
Option A

Contract Value:

£2.5M

Contract Start:

April 2004

Contract Period:

39 wks

Blackwell site management

Contracts Manager:

Charles Ratcliffe

Project Manager:

D Harrison

Site Manager:

John Barnett

Services Included:

Civil Engineering ✓

Earthworks

Geotechnical

Remediation

www.blackwellgroup.co.uk

Contract Summary:

The early civil works are carried out within the previously constructed Stratford Box structure and broadly comprise the construction of reinforced and mass concrete platform walls with precast deck units, mezzanine floor slabs to concourse building and provision/maintenance of site accommodation and welfare facilities.

Key Processes:

The various aspects of the work are vertically constrained in respect of access to the box structure due to ongoing works to tunnel portals at either end and are described in more detail as follows:-

- Reinforced concrete to mezzanine floor and upstands
- Reinforced concrete slabs to lift access platforms
- Mass and reinforced concrete platform walls
- Precast and in-situ reinforced concrete platform decks incorporating use of permanent formwork (Omnia)
- Reinforced concrete lighting column bases, canopy bases and stair plinths
- Exploratory removal of existing diaphragm wall to expose reinforcement for bracket installation
- Reinforced concrete escalator and lift plant rooms
- 12 metre high reinforced concrete footbridge support columns
- Concrete screed to escape footbridge deck units
- Establishment and maintenance of temporary site facilities – offices, canteens and welfare including all necessary power and service connections

The works require the management of various interfaces with subsequent contractors such as structural steel erectors, and M & E installation to platforms.

