

Quality cable management upgrade to Northern Line

Contract: CMS Upgrade Project (Northern Line)
Client: TFL
Main Contractor: Tube Lines Ltd
Dates: August 2009 - December 2009



Cable management on site

Key success factors and innovations

- Implementation works in complex stations
- Ability to deal with proactively change to design
- High quality of installation was acknowledged by the client across all sections deployed on
- Design solutions provided at pre construction phase



Cable management



Preparation for cable management

Background:

The project involved the installation of cable management systems on a number of station and track sections of the Northern Line as shown below in preparation of the pending Northern Line signalling upgrade.

Track Sections:

- Oval to Kennington
- Kennington to Waterloo
- Kennington to Elephant & Castle
- Elephant & Castle to Borough
- Borough to London Bridge
- Tottenham Court Road to Goadge Street
- Charing Cross to Leicester Square
- Embankment to Charing Cross
- Waterloo to Embankment
- Mornington Crescent to Camden Town
- Leicester Square to Tottenham Court Road
- London Bridge to Bank

Station Projects:

- London Bridge
- Leicester Square
- Bank
- Moorgate

Scope of work:

The project involved providing OTX's, constructing cable gantrys civils foundation works and core drilling. Installation of cable ducts and troughing were carried out whilst working within Air vent shafts along with invert working. The works also involved CAT scanning, gauging of track assets and pull testing.

