

# Whitechapel Station Electrical Fit Out

## Best Practice Case Study



### Project Data

**Client :** Crossrail

**Location :** Whitechapel

**Main Contractor :** BBMV JV

**Completed :** 2021

### Project

The Whitechapel Elizabeth line station is acknowledged as one of the most complex and challenging of the stations on the Crossrail project. The new station concourse was constructed on a bridge above the existing station and two operational railway lines, requiring significant interface management between London Overground and London Underground.

The works also included constructing new shafts and platforms for the Crossrail tunnels plus related architecture and mechanical and electrical infrastructure

### Scope Of Work

NCCT were engaged by the BBMV JV (Balfour Beatty Murphy ) to provide management and labour resources to install the electrical fit out and final finishes to the upgraded existing station and new crossrail station and tunnels .

The works carried out included-

- Installation of all Containment (Tray work & trunking)
- Installation of LV Cabling , submains and switchboards
- Installation of lighting and associated Control Cabling
- Earthing Installation including Lugging and Terminating
- UPS and Comms installation
- Testing and Commissioning
- Quality assurance and access planning

