

# C512 Crossrail Whitechapel Station

**CLIENT:** BBMV Joint Venture

**LOCATION:** United Kingdom

**YEAR OF COMPLETION:** 2020

Whitechapel Crossrail station acts as an interchange between the Crossrail, Hammersmith and City, District (HCDL) and London Overground (LO) lines. the works were complex to facilitate construction works within a busy station.

We were involved a large number of temporary works designs that interacted with live railway tracks and cabling. These included:

- A piling platform and working area on the LO platforms and across the tracks.
- Inspection and design of a temporary masonry wall support frame, installed and modified in four phases, to support a wall adjacent to the LU tracks to facilitate demolition and construction of the steel framed concourse.
- Assessment of the temporary condition of the new concourse steelwork for fire and designed temporary cladding support for a stairway.
- Independent check of the temporary support structure to the west lift lobby.
- Temporary cladding to a stairwell

## KEY FACTS:

- Design and check temporary works
- Masonry wall temporary support
- Piling platform
- Excavation support

