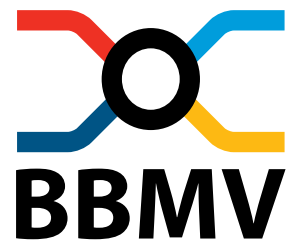


Crossrail C510 Whitechapel and Liverpool Street Station Tunnels



Client:
Crossrail

Value:
Circa £250m

**Date of
Completion:**
2015

Contract C510 is a major tunnelling contract worth circa £250m, awarded as part of Crossrail, Europe's largest infrastructure scheme.

Connecting the City, Canary Wharf, the West End and Heathrow Airport to commuter areas east and west of London, Crossrail is a major new rail link project designed to provide a world-class, affordable railway with high frequency, convenient and accessible services across the capital.

BBMV, the joint venture encompassing Balfour Beatty, BeMo Tunnelling, Morgan Sindall and VINCI Construction, is constructing early access shafts and Sprayed Concrete Lining (SCL) works for both Whitechapel and Liverpool station tunnels.

The major construction works for C510 began in April 2011 and includes the construction of the Crossrail Whitechapel and Liverpool Street Station SCL tunnels.

Associated works will include the shafts and adits, platform tunnels, Tunnel Boring Machine (TBM) reception chambers and launch chambers, cross passages, access passages, escalator barrels, ventilation ducts and a link passage from Crossrail Liverpool Street Station to the London Underground Northern Line Moorgate Station platforms.

The works also include the construction of four compensation grouting sites in the vicinity of Liverpool Street Station and one compensation grouting shaft in the vicinity of Whitechapel Station.

This complex programme of works will be undertaken over a four year period and is conducive to the successful delivery of the Crossrail railway.

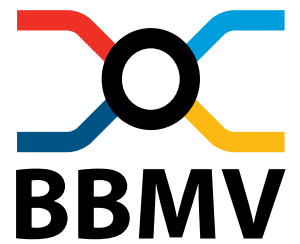
BBMV

C510 Whitechapel and Liverpool Street Station Tunnels

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BBMV

The four main contractors responsible for ensuring the project is built according to the client's requirements are:

- Balfour Beatty - the UK's largest infrastructure provider, presented by its Civil Engineering division.
- BeMo Tunnelling – a specialist for the engineering and construction of all kinds of underground structures.
- Morgan Sindall – A leading UK construction, infrastructure and design business.
- VINCI Construction – a world major in construction, represented by VINCI Construction Grands Projets.

Crossrail is a wholly owned subsidiary of Transport for London and is jointly sponsored by the Department for Transport and Transport for London.