Crossrail will deliver a high frequency, high capacity service to 37 stations linking Maidenhead and Heathrow in the west, to Shenfield and Abbey Wood in the east via 21 km of new twin-bore tunnels under central London. It will bring an additional 1.5 million people within 45 minutes commuting distance of London's key business districts.

Advanced station works are currently being carried out for the Whitechapel Station as part of the Crossrail project.

As part of the first phase of monitoring a series of borehole rod extensometers and inclinometers have been installed prior to the diaphragm guide walls being installed.

Future instrumentation to be installed includes In-place inclinometers, VW piezometers, VW strain gauges and a data logging system.