

# Tottenham Court Road Station

**Client :**  
London Underground

**Location :**  
London

**Date :**  
2010 - 2017



BAM Nuttall and Taylor Woodrow are working in partnership to deliver a £250million scheme for London Underground to upgrade Tottenham Court Road Tube station. The station is one of the busiest in London and takes passengers from the adjoining Victoria mainline railway station as well as the nearby coach station.

Works include re-modelling the existing station, re-construction of the ticket hall and construction of the concrete box that will form the Crossrail Eastern ticket Hall.

The station will be enlarged to provide twice the capacity, including a ticket hall almost six times the size of the existing one. As part of the development, new staff accommodation will be provided, located beneath Charing Cross Road. Works also include new station entrances, modernisation of the existing station passageways and platforms and a new concourse with a pedestrian link to Tottenham Court Road station.

The building works have a significant M&E interface and are managed with the station remaining operational at all times. Additional escalators and five lifts will provide step free access throughout the station as well as conventional stair access.

The scheme also involves installation of piles for future over site development. Externally, improved facilities will be provided for pedestrians, cyclists, bus passengers and other road users including a new piazza on St Giles Circus outside Centre Point.

Redevelopment of the station includes an interface with a number of sensitive heritage structures including a Grade 2\* listed church. Monitoring of these structures during tunnelling, deep excavation works and works to form new openings is of prime concern to stakeholders.

BAM Nuttall is utilising a system that combines robotic surveying techniques and automated electronic devices coupled to a remote data management system. This monitors for movement and allows regular and ongoing survey information to be communicated electronically to third parties and London Underground for analysis.

A full-time public liaison manager is employed to manage third party interfaces and deal with the complex issues raised when working in a live station environment.