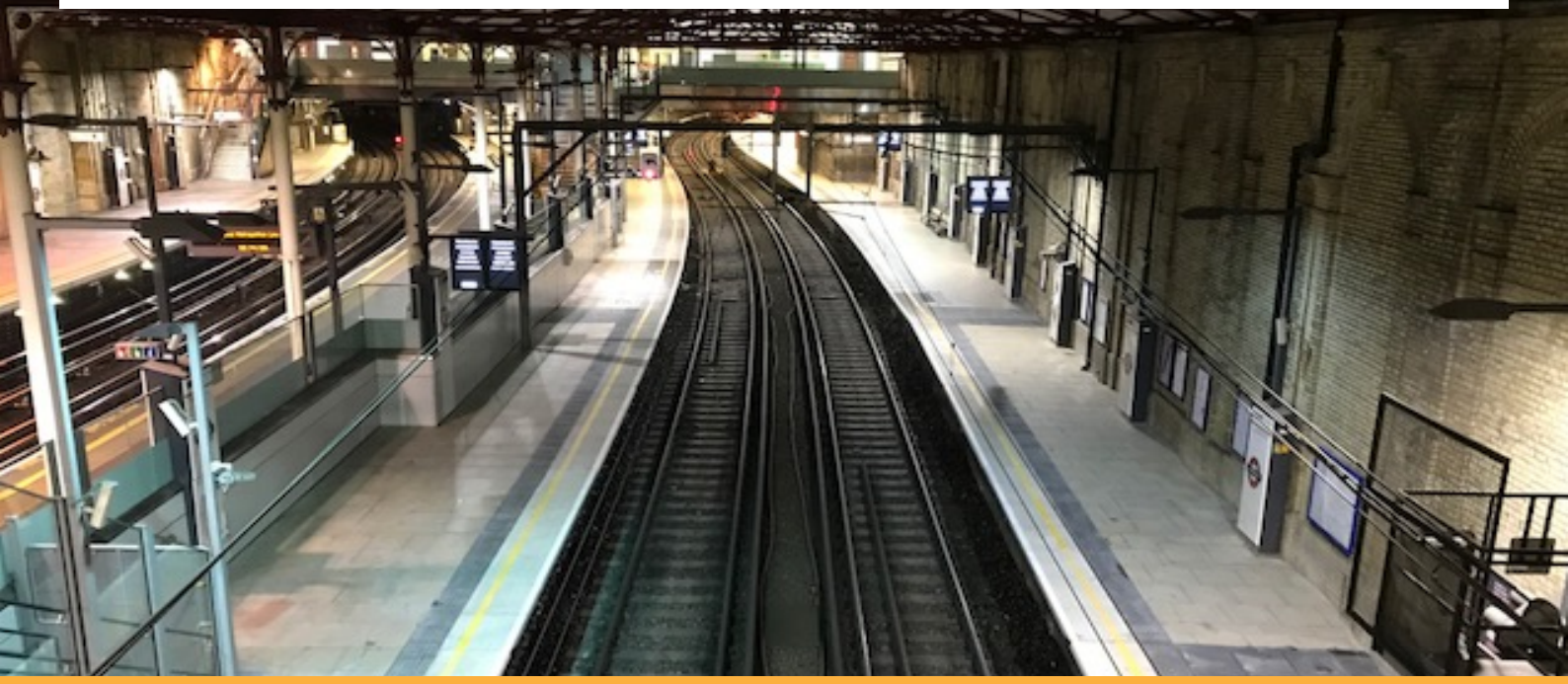
AMCO·GIFFEN



Thameslink Platform Level Access

Location: London

Timeframes: July 2017 - Dec 2018

Client: Network Rail for Thameslink

Discipline/Sector: Rail - design, install, construct, test, commission

Project Overview

With the overall aim being to reduce the time taken for passengers to board and alight from trains, AmcoGiffen were contracted to provide unassisted level access on the core area Thameslink platforms.

Collaborating with Network Rail and Thameslink, we provided the installation of platform level access humps adjacent to the middle Class 700 carriages across St Pancras, Farringdon, Thameslink and Blackfriars stations.

Scope of Works

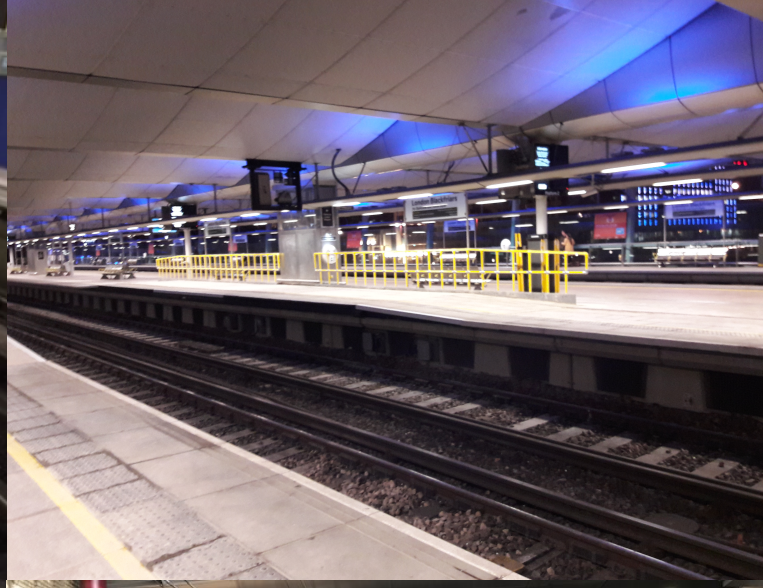
Managing all the design and build, we constructed the new platform level access humps out of natural coloured slabs on top of the existing platform surfaces, achieving a length of 18690mm. Aiming to maintain the aesthetics, we fashioned a fall to the rear of the platform to match the current structure.

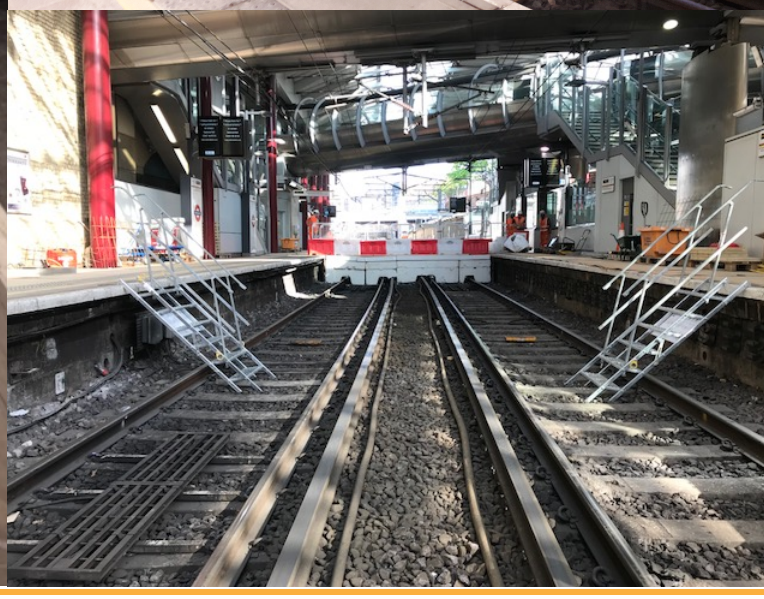
Our further scope of works included:

- Placing new coping stones and tactiles at a different height above the existing rail level at either end of the new level access ramps to tie into the platform level
- Installation of pipex gap filler copers adjacent to the Passengers of Reduced Mobility (PRM) doors
- Installation of ramps leading up to the raised access platform
- Painting of coping
- Total PLA hump length of approx. 25m on each platform, maintaining a 3.5m electrical clearance in OHLE areas
- Ensuring the new access humps interface with existing platform assets i.e. manholes, down pipes, columns, staircase, and thresholds. Some required alterations prior to the platform hump install, others were completed after

"Good job at a historically sensitive station!"

- David Thomas, Lead Development Manager, Network Rail





Innovation Applied

Installing innovative, bespoke, pipex gap filler copers adjacent to the PRM doors, the gap filler consists of a neoprene finger comb which reduces the gap between the edge of the coper and the train door.

These fingers have been designed to collapse 1mm just outside the kinematic envelope and are able to withstand 'brushing' of a passing train.

Benefits Provided

With a strong understanding of the technical scope, and a dedicated delivery team, all works were completed safely, on time and to budget.

Designed specifically to accommodate travellers with reduced mobility, this project has enabled easy access for all. This is to reduce the time taken for passengers to get on and off trains across the most popular Thameslink platforms, ultimately decreasing train dwell times.

Providing more efficient travel, our works have improved the passenger journey on key Thameslink routes.

Project Contact

For further info please contact
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