



London Underground Access Audit

THE TASK

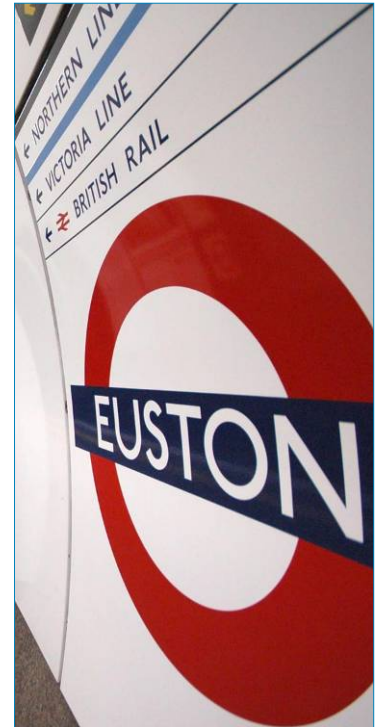
London Underground Limited (LUL) is currently undertaking a major modernisation and refurbishment programme, including two of the most prestigious stations on the Northern Line, Leicester Square and Euston. Both stations are major interchanges with other lines and are consequently continuously busy.

Working for Tube Lines Ltd, TPS undertook an Asset Compliance Survey prior to the design stage of this project. This established areas currently below the exacting standards of LUL as well as the Building Regulations and other statutory regulations. This included reviewing the accessibility of the stations with a view to maximising access, despite the constraints imposed by being underground. TPS is now developing solutions to the issues raised in the audit and work on site is due to commence January 2007.

THE DESIGN

With particular reference to accessibility, there are two main factors affecting the TPS design. Firstly, both Leicester Square and Euston are sub-surface stations, which limits accessibility. Whilst they were not programmed at this time to become “step-free”, we have identified a number of issues that inhibit accessibility for people with mobility, sensory and cognitive impairments. Secondly, previous work has been carried out in phases throughout the stations and as a consequence varying degrees of accessibility exist within one station. The TPS design will improve accessibility throughout each station to the same standard, based on current good practice.

PROJECT PROFILE



CLIENT

Tube Lines Ltd

PROJECT TYPE

Rail transportation

SERVICES

Multi-disciplinary design:

- Architecture
- M&E Engineering
- Civil/Structural Engineering

START DATE

February 2006

COMPLETION DATE

Ongoing

ARCHITECT

TPS

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THE SERVICE

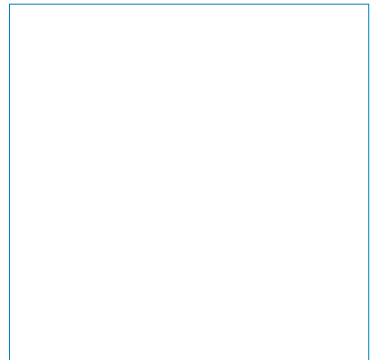
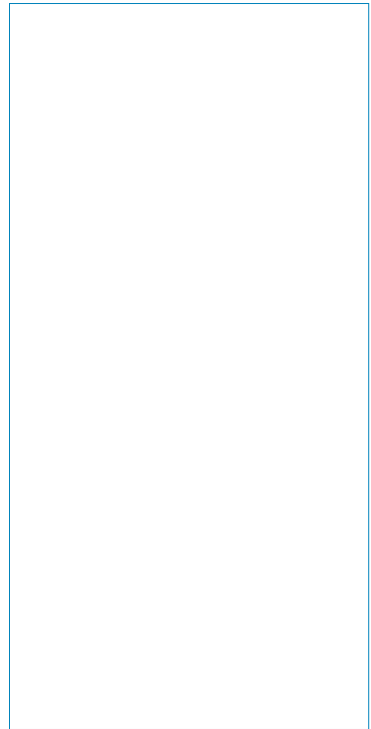
TPS has provided a multi-disciplinary design service, further to the Asset Compliance Survey. This enables us to provide a co-ordinated approach and access issues can be dealt with in an integrated manner rather than as a “bolt-on” product.

Areas in which TPS identified where improvements could be made included staircases, tactile flooring (including an information surface), signage, lighting, provision of information and obstructions to access routes. Where issues relate to the built environment TPS has incorporated improvement measures into their design. These will particularly benefit customers who are visually or mobility impaired. Other issues generally relate to facilities management and TPS has advised where this is the case. The FM team can use this information in order to improve their methods of working.

TPS has previously provided a similar service for works to other stations on the Northern Line; Hampstead, Belsize Park and Hendon Central.

THE RESULT

Once this project is complete, customers should be able to navigate the station more easily and safely. In addition, we have helped the Client to increase their understanding of access issues and this knowledge will help them with future works.



FURTHER DETAILS

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