



Tube Station Modernisation and Enhancement Programme

THE TASK

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

We were commissioned by LUL to undertake an Asset Compliance Survey of the two stations prior to the design stage of this project. This established which areas were currently below the exacting standards of LUL as well as the Building Regulations and other statutory regulations.

We also reviewed the accessibility of the stations with a view to maximising access, despite the constraints imposed by being underground. We are now developing solutions to the issues raised in the audit, and work on site is due to commence in January 2007.

THE DESIGN

Both Leicester Square and Euston are sub-surface stations and this inherently limits accessibility. Whilst they were not programmed at this time to become completely “step-free”, we have identified in the survey a number of areas where accessibility for people with mobility, sensory and cognitive impairments could be improved. Previous work throughout the stations has been carried out in phases and as a consequence there are varying degrees of accessibility in different parts of the station, particularly within one station. Our design aims to improve overall accessibility throughout each station to the same standard, based on current good practice.

Areas for improvement that we have identified and incorporated in the design have included staircases, tactile flooring (including an information surface), signage, lighting,

PROJECT PROFILE



CLIENT:

Tube Lines Ltd (LUL)

SERVICES:

- Building Surveying
- Multi-disciplinary design (Architectural, M & E Engineering, Civil, Structural Engineering)

TYPE:

Rail Transportation

START DATE:

February 2006

COMPLETION DATE:

Ongoing

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provision of information and obstructions to access routes. We have also included improvement measures relating to the built environment in the design and these will particularly benefit customers who are visually or mobility impaired.

THE SERVICE

We have provided a multi-disciplinary design service, in addition to the Asset Compliance Survey. This enables us to provide a co-ordinated approach and access issues can be dealt with as an integral part of the design rather than as a “bolt-on” product.

We have also considered issues relating to facilities management and have provided advice as appropriate. The FM team can use this information in order to improve their methods of working.

THE RESULT

Once this project is complete, all customers will be able to navigate the stations more easily and safely. In addition, we have helped the client to increase their understanding of access issues and this knowledge will prove to be invaluable with similar works in future.

We have previously provided a similar service for works to other stations on the Northern Line: Hampstead, Belsize Park and Hendon Central.

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