

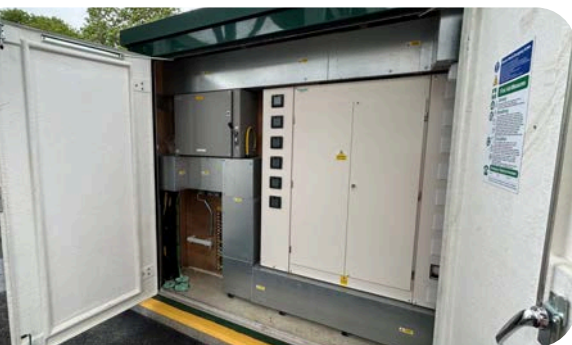
Leatherhead Station AFA

Access For All Scheme



THE PROJECT

Leatherhead Station has been upgraded with a new enclosed AFA footbridge and two lifts, providing step-free access to both platforms. Four disabled refuge areas were also installed, each with emergency lighting and an intercom alarm system. AMI Projects delivered the LV, SISS and fire alarm works, including a new 400A DNO supply, lighting, small power, CCTV, PA modifications and refuge alarms. A new VESDA and addressable fire alarm system was installed in the lift shafts and motor rooms, fully integrated with the existing station infrastructure.



Project Value

£370K

Project Started

**June
2024**

Project Ended

**Feb
2025**

Client

**Bam
Nuttall**

THE DELIVERABLES

- Installation of a new 400A DNO supply.
- Submain distribution to the existing station infrastructure, new AFA lifts, motor rooms, and new AFA distribution equipment.
- Installation of new general and emergency lighting across the project footprint, integrated with the existing station lighting controls.
- Provision of a new CCTV system, fully integrated with the existing infrastructure and enabled for remote monitoring from the ROC.
- Installation of new VESDA and addressable fire alarm systems for the AFA scheme, integrated with the station's existing fire alarm network.
- Compilation and submission of all required certification, O&M manuals, and handover documentation.

CHALLENGES & SOLUTIONS

Leatherhead Station is a listed building, which required careful planning to preserve its historic structure. During initial surveys, one proposed containment route was found to penetrate the building fabric, so we proposed an alternative that avoided structural intrusion and simplified access requirements. A key challenge was transferring the existing station supply to the new DNO supply, which required full station isolation and was further complicated by a backup signalling supply. AMI worked closely with the client to safely isolate the signalling supply and completed extensive preparatory works in advance, significantly reducing the duration of the changeover during the scheduled night-time works.

