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# PROJECT FOCUS

## Station platform repairs

**Client:**  
London Underground

**Sector:**  
Rail

**Location:**  
Northfields, West London



### Project challenge

This busy commuter railway station in West London was in need of a number of key repairs to maintain high standards of structural integrity, safety and customer service. Work included concrete repairs to platform piers and reb bedding of platform nosing stones. All work had to be carried out at night, when the line was closed, to avoid inconveniencing the many thousands of daytime rail users.

### Client benefits

- An efficient, high quality repair service delivered by experience Personal Track Safety-certified Lanes Rail maintenance teams
- The highest standards of rail health and safety – from a company that has worked in partnership with London Underground for more than 20 years
- All works project managed to ensure they are completed on time, to a high specified standard.

Lanes Group is a national wastewater and drainage solutions provider. We sit proudly at the heart of the UK drainage industry, and are serious about delivering excellence in service, safety and innovation.

We have a national network of 23 depots and strategic utility hubs, providing high quality utility, drainage, and maintenance services for commercial, public sector and domestic customers. Our specialist market sectors include water utilities, construction, energy, rail, highways and commercial maintenance.



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### The project

Lanes Rail was commissioned by London Underground to carry out concrete support and platform repairs at Northfields tube station on the Heathrow branch of the Piccadilly line in Ealing, West London.

The five-week project at the overground station included repairing piers supporting platforms and platform nosing stones.

Concrete piers on all four platforms were repaired. Metal reinforcement were cleaned and coated with anti-corrosion primer. Sections on each pier where concrete has been lost or removed were then repaired.

A total of 20 platform nosing stones were due to be rebbed. The slabs were lifted out with vacuum lifters, then re-concreted back into place.

With the constant effect of hundreds of thousands of rail passengers using the station, the nosing stones can work loose, and need to be rebbed.

The work was carried out at night when the station was closed and no trains were running, so there was no inconvenience to the travelling public.

Lanes Rail, part of Lanes Group, has a team of more than 100 maintenance staff working for London Underground, most of them working nights.



It's planned and reactive maintenance services for London Underground cover: track and buildings drainage; water seepage; bridges and structures; station repairs; vegetation control; graffiti and vandalism; locks, doors and gate maintenance; coin counters; and safe maintenance.

Lanes Rail sets high standards in rail maintenance, both for trackside and for buildings and structures, working safely and effectively in highly controlled environments.

**Front cover** – Northfields Tube Station, a busy commuter station in West London **This page:** above and below left, a Lanes maintenance operative cuts out defective concrete on a platform pier; below centre, concrete is cut out; right, steel reinforcement exposed ready for cleaning and priming.

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