



CASE STUDY

Kings Heath MFC

Customer
Siemens Mobility

Completion Date
July 2025

Location
Kings Heath

PROJECT OVERVIEW

Siemens appointed **Cairn Cross** to construct a multifunctional facility at Kings Heath.

As part of the initial phase, a detailed survey and evaluation of the existing infrastructure layout was undertaken to confirm that the proposed P-Way arrangement was achievable to allow for the 2-road facility to be constructed. A gabion wall, highway realignment, M&E, Floor painting, Bifold doors and Roller shutter doors were also part of the build, all in accordance with Network Rail standards.

THE CHALLENGE

The multifunctional facility at Kings Heath presented a number of access challenges. The site is located within a narrow building area, making the movement of equipment and personnel highly restricted. In addition, road closures of up to six hours required careful scheduling and the creation of alternative route arrangements to maintain operations. Further complexity arose from the depot's wheel lathe, which experienced intermittent closures over a three-week period, requiring additional planning and coordination.





THE SOLUTION

Cairn Cross developed four options for the permanent way (P-Way) design and relocation. These proposals included the realignment of the existing embankment and highway in the area north of the current train care facility. The scope also incorporated service realignment, fencing installation, and the construction of a gabion wall to support the new layout.



THE RESULT

- **Zero Lost Time Incidents:** Outstanding safety record over 462 days (19 Apr 2024 – 25 Jul 2025).
- **Zero Depot Downtime:** Continuous operations maintained with no disruption.
- **Early Completion:** Delivered 5 weeks ahead of programme.
- **Efficient Planning:** Careful scheduling kept critical activities on track.
- **Safety Excellence:** No injuries or accidents throughout the project.
- **Strong Delivery:** Consistent performance built client confidence.
- **Operational Continuity:** Live-site works completed without impact.
- **Proven Capability:** Success in complex, high-demand environments.



CAIRNCROSS

1 Cadman Court, Morley, Leeds, LS27 0RX
 0113 284 2415 ▶ info@cairncross.uk.com ▶ www.cairncross.uk.com
 Cairn Cross Civil Engineering Limited. Registered in England and Wales 03110217 ▶ VAT No566419417

