

Accelerating Accessibility: How EFA Engineering Helped Network Rail Achieve Cambridge South Station Outcomes

Introduction

Cambridge South is a new four-platform station adjacent to the Cambridge Biomedical Campus. Network Rail engaged EFA Engineering to provide specialist project engineering support, ensuring multidisciplinary coordination, technical compliance, and smooth integration while resolving legacy project issues.

Background

The project required alignment across track, signalling, civil, and fire systems while managing incomplete legacy projects, hand back requirements, and technical integration to keep the programme on track.

The Challenge

Delivering Cambridge South Station posed major hurdles:

- Fragmented coordination, multiple design organisations and contractors
- Scattered specialist input, no dedicated leadership across disciplines
- Legacy project gaps, unresolved hand back and documentation issues
- Complex integration, aligning multiple teams to maintain programme momentum



Why EFA Engineering

EFA Engineering was engaged for Network Rail assurance and multidisciplinary integration, providing governance and leadership to deliver robust, compliant, and coordinated outcomes while resolving legacy issues

How EFA Engineering Responded

We delivered targeted, independent engineering and integration support for Cambridge South Station through four key pillars, ensuring robust technical compliance, smooth interfaces, and effective legacy resolution:

- **Engineering Management:** Oversaw engineering integration and programme governance to ensure alignment and smooth decision-making
- **Discipline Expertise:** Provided track, signalling, civil, and fire support for compliant, coordinated delivery
- **Legacy Support:** Led hand back and close-out of legacy projects, resolving outstanding issues and documentation gaps
- **Stakeholder Coordination:** Aligned contractors, design teams, and stakeholders to maintain programme momentum

We partnered closely with Network Rail to ensure safe, efficient, and outcome-driven delivery

The Results

The impact of EFA Engineering's work was immediate and lasting, ensuring Cambridge South Station was delivered safely, efficiently, and with all legacy issues resolved:

Our work delivered measurable impact:

- **Successful integration** - collaboration across design and build teams enabled on-track programme delivery
- **Technical assurance** - strong leadership maintained high standards across all engineering disciplines

- **Legacy delivery** - resolved outstanding works and documentation supporting formal handover
- **Operational readiness** - station prepared for seamless commissioning and safe entry into service.

If you're facing delivery challenges or want to improve efficiency in complex infrastructure programmes, EFA Engineering can help. Our team brings clarity, speed, and value to every engagement — with solutions that are grounded in data, experience and built for impact.

Contact us today to explore how we can support your next project.