

CAIRN CROSS

Shaping Future Infrastructure



Cairn Cross are a multi-disciplined design and build specialist main contractor for rail depots and bespoke projects.



Who We Are

With the head office based in Leeds, West Yorkshire, Cairn Cross Civil Engineering delivers exceptional design and build solutions to the rail network and bespoke infrastructure projects across England, Scotland and Wales.

We provide a complete built environment service to our customers while maintaining traditional values and skills. We continue to push boundaries through the use of modern techniques and technologies, all underpinned by our work ethic, innovation, and pride in delivering a safe, high-quality and valuable service.

Our Approach

We offer a complete turnkey service, combining rail expertise, civil engineering and a CDM 2015-compliant in-house design consultancy.

This integrated approach ensures efficient delivery, clear communication and tailored solutions, all managed under one roof.

Accreditations and awards



Our Experience

With a presence in over 60 of the UK's rail maintenance depots, we've built a reputation for reliability, safety and innovation.

Our clients include:

- ▶ Passenger train operating companies
- ▶ Industrial rail freight providers
- ▶ Light rail and tram operators
- ▶ Bespoke rail servicing and maintenance facilities

Our experienced and versatile team also delivers civil engineering works across multiple sectors including rail, highways, bridges and structures, water, power, mechanical and electrical, pollution control, fabrication, and product innovation.

**Complete client
satisfaction, every
project, every time.**

Services we provide

As a multi-discipline Design and Build specialist we deliver a wide range of services across all sectors.

Working Across the UK Rail Network

Our success is built on collaboration, precision and performance, delivering trusted infrastructure solutions that keep the UK's rail industry and wider built environment moving.

Mechanical & Electrical Expertise

As an NICEIC accredited company, our in-house mechanical and electrical engineering team provides assured capability and innovation.

From rail pit drop lighting systems to substations and complex power distribution, we deliver safe, reliable and energy-efficient solutions across a variety of environments



Rail Infrastructure

From modifications to complete new depot facilities including wheel lathes, carriage washes, bogie drop facilities, fuelling, CET and AdBlue.



Bespoke Projects

Piling, concrete forming and repair, and structural design means we can deliver most of the civil engineering demand.

Previous clients





Our services & capabilities include:

Rail Infrastructure:

- Train Maintenance Facilities
- Wheel Lathes
- Carriage Wash
- AVIS
- CET
- Fuelling/AdBlue
- Jacking Facilities
- Walkways
- Lighting
- Maintenance Pots
- Shed Extensions
- Depot Drainage

Bespoke Services:

- Concrete Works
- Demolition
- Drainage
- Floor Painting
- Interceptors
- Piling
- Property Development

Rail Services:

- Bogie Drops
- Bogie Rotators
- Crains
- Depot Protection Systems/ Interlocking
- Doors
- Driver Hop Ups
- Floor Painting
- High-Level Access Platforms
- Jacking
- Modular Buildings
- Overhead Lighting Equipment/ Third Rail
- Power Upgrades
- P-way
- Sanding
- Shore Supplies
- Track Crossing
- TrackPan
- Wheel Lathes

Highways, Bridges & Structures:

- Access Roads
- Bridges
- Car Parks
- Highways
- Retaining Walls
- Service Diversion

Mechanical & Electrical:

- CCTV
- DNO Installation
- Fire Alarm Installation
- Fume Extraction
- Heating & Ventilation
- Lighting
- LV/HV
- Substations

Design Consultancy:

- Calculation
- Consultancy
- Design Management Services
- Desktop Studies
- Feasibility Reports
- Outline & Detailed Design
- Point Cloud Surveys
- Pre-Construction Services
- Temp Works Design Packages
- Topographical Surveys

Milestones

60+

Rail Depots

8+

Carriage Wash Installations

9

Wheel Lathe Installations

15+

Bridges

20+

CET Installations

50+

Nationwide team

Who we are

Our Values, Our Mission, Our Promise...

Our Values

Our companies core values set out our shared vision and principles. Everyone strives together to serve employees, clients, and the broader community to the best of our abilities.

Our Promise

Everyone at Cairn Cross embodies and strives to deliver our commitment and promise of complete client satisfaction, every project, every time.

Our Mission

A multi-disciplined design and build specialist main contractor for rail depots and bespoke projects.



Committed to our Work Safe, Live Safe Strategy.

Our Work Safe Live Safe strategy for the Health and Safety of our workforce is driven by our desire to create a positive safety culture and ensuring all levels of staff and supply chain are incorporated into our efforts.

This strategy looks to go beyond the traditional health and safety role of preventing harm and promoting a vigilant and proactive culture towards everyone's health and safety in the workplace.

We're a design & build main contractor

We can construct and manage any project on a design and build basis as main contractors...

Our in-house multi-disciplinary design specialists; Hexagon Consultancy Ltd specialise in civil and structural design consultation on a wide range of design disciplines offering tailored design services.

Hexagon's team of engineers specialise in civil and structural design consultation on a wide range of design disciplines.

Having a rapidly growing portfolio of successful projects, ranging from designs in pollution control, steel fabrication, and building renovation to structural concrete, feasibility studies, car parks and drainage, landscaping and petrol filling stations.

For over 30 years, we've taken pride in the quality of our work and the professional growth of our dedicated team of industry specialists.

Our numerous awards and accreditations reflect our ongoing commitment to delivering the best solutions for your infrastructure projects.



What Cairn Cross Can Help You Achieve

We don't just deliver projects, we help deliver confidence...

Cairn Cross Civil Engineering partners with clients to successfully plan, manage and deliver complex rail and infrastructure projects across challenging operational environments.

Our strength lies in combining proven technical expertise with a collaborative, solution-focused mindset. We work closely with our clients and stakeholders to overcome constraints, minimise disruption, maintain operational continuity and provide confidence that programmes will be delivered safely, efficiently and to the highest standards.

From early engagement and design support through to construction delivery and project completion, we take a proactive approach to risk management, planning and performance monitoring. This enables us to identify challenges early, implement practical solutions and maintain momentum across every stage of the project lifecycle.

At Cairn Cross, we do more than deliver engineering projects, we build trusted partnerships, create resilient infrastructure solutions and help our clients move forward with certainty and confidence.

We support projects by providing:

- ▶ Proactive planning, programme management and risk mitigation
- ▶ Flexible and safe delivery within live operational environments
- ▶ Clear, transparent communication and strong stakeholder coordination
- ▶ Digital innovation, real-time performance monitoring and continuous improvement
- ▶ A firm commitment to safety, sustainability, quality and long-term value

Every project we deliver strengthens our reputation for reliability, collaboration and engineering excellence.

Stand-Out Projects

Complex projects delivered with clarity, confidence and control...

At Cairn Cross Civil Engineering, our projects demonstrate our ability to deliver complex infrastructure solutions safely, collaboratively and to the highest standards.

We are proud to support our clients on schemes that require technical expertise, careful planning and the flexibility to work within live operational environments. Each project reflects our commitment to innovation, programme certainty and long-term value.

Canton Bogie Drop Facility



Kings Heath Multifunctional Facility



Peterborough Maintenance Hub



Central Rivers Wheel Lathe



Journey so far...

With over 30 years of growth, we have developed a successful team that design and deliver significant infrastructure projects across the UK.

Check out some of our milestones!



Cairn Cross Carpenters

Started as a family business, named after the family house. Work was mainly civils work in the north of England.



Cairn Cross Civil Engineering Ltd

Company was incorporated into a limited company changing our name and logo.

01. 1st Bridge



Bridge Replacement

Bridge replacement project for May Gurney Nineveh Road. A series of other bridge work followed after this project.



Frodingham Depot

Our first rail depot refurbish project was Grant Rail Frodingham Depot upgrade and refurbishment.

Van Fleet

We expanded the van fleet with Astra vans.



Darnall CSO

Darnall Sheffield Combined Sewer Outlets

06. 1st TrackPan



TrackPan Installation

Our first major TrackPan installation was across Worcester, Fratton, Heaton, Perth, Penzance and Ashford.



Oxley, Wolverhampton

Alstom required new bogie drop, maintenance road and pit on piled foundations and shed facility.



Heaton Depot

Installation of NEU CET system



Brooklands Court

We began renting office space in 2008 and moved to larger premises within the building in 2009.

Phil Williamson

We welcomed Phil Williamson, our now Managing Director, to oversee and lead our continued growth.



Queens Road

Queens Road, Manchester depot extension for Metrolink



Robert Lockwood

New departments developed, including commercial, with Rob Lockwood, now our Commercial Director.

Thornhill Bridge

Thornhill Bridge & Linda Grant Safety Award



Longsight Manchester

Various projects at Longsight including Wheel lathe, building structures and hard surfacing.



Morley Head Office

Moved offices due to expanding workforce, with our first fully owned premises.



Wembley Wheel Lathe

Installation of a new double headed wheel lathe at Webley for Alstom.

Flagship Carriage Wash

Named the UK's most advanced carriage wash, following installation at Holyhead, Isle of Angelesy.



20. 1st Carriage Wash



25 Years & Rebrand

New Branding, complete with new messaging, website, and marketing materials.



Hull Botanic Gardens Maintenance Depot

A fully operational depot during works, which were undertaken 24 hours per day.



Peterborough Maintenance Hub

£5.7m design and build structure for GB Railfreight along the East Coast Mainline.



Tonbridge Depot

5.7m maintenance hub for freight logistics operator GB Railfreight.



Kings Heath MFC

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



30th Anniversary

2025 marks a major milestone for Cairn Cross, celebrating 30 years of delivering exceptional civil engineering projects.

We look forward to shaping the next 30 years...

CAIRNCROSS

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