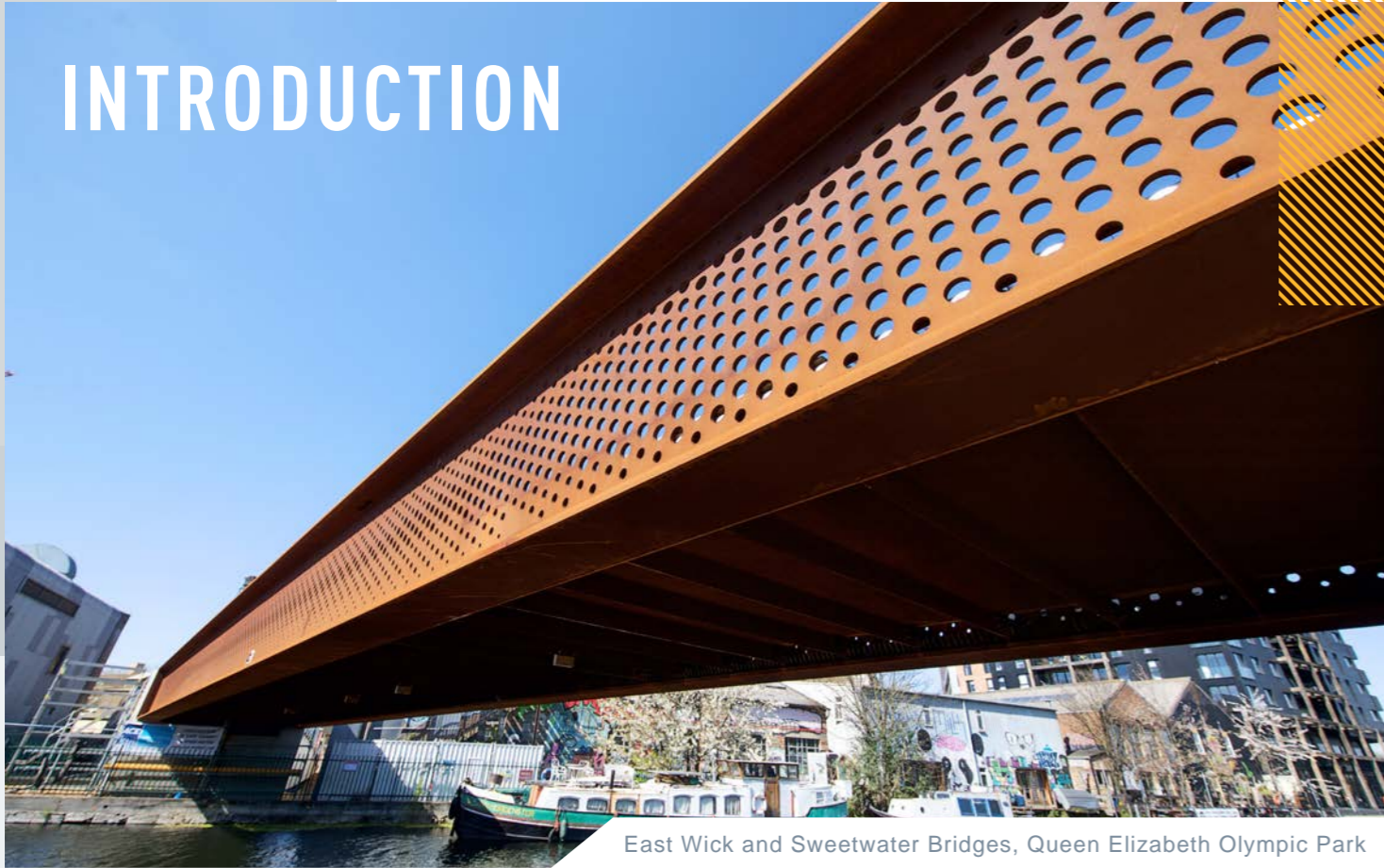




**TRANSPORT
INFRASTRUCTURE**
THE ROUTE TO SUCCESS

INTRODUCTION



East Wick and Sweetwater Bridges, Queen Elizabeth Olympic Park

TRANSPORT INFRASTRUCTURE



Manchester Victoria Station



Chiswick Park Footbridge

DESIGN. BUILD. COLLABORATE.

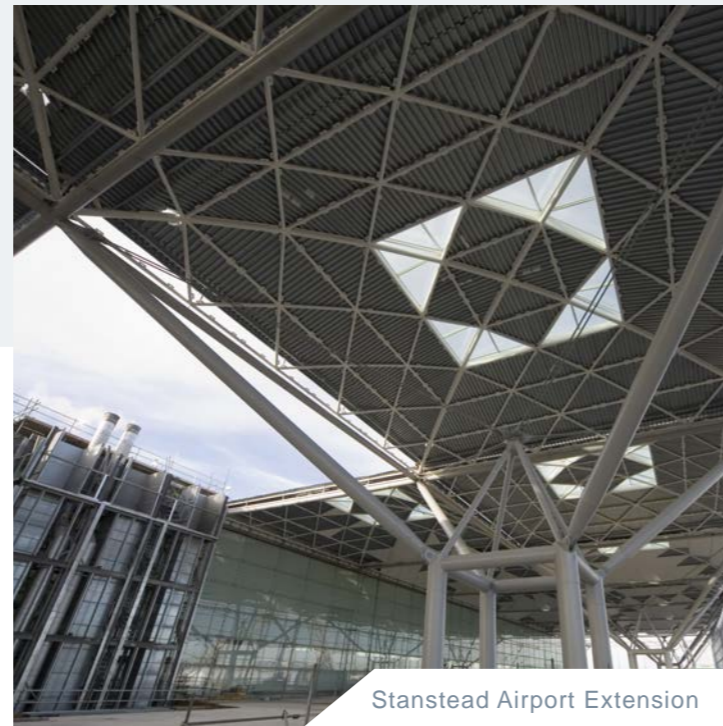
For decades we've been building the future. As the UK's leading structural steel experts, we've forged our legacy in some of the country's most iconic buildings, spaces and creative solutions for critical infrastructure.

We're built on a foundation of outstanding customer service; we're responsive, dependable and flexible in order to meet diverse needs and project demands.

We operate across five UK sites, through which we can deliver unrivalled capacity and capability to meet your project needs. We have the skills and knowhow to deliver engineering solutions for transport infrastructure projects throughout the UK and internationally.



Luton Airport Viaduct Mass Transit Scheme



Stanstead Airport Extension

CAPABILITIES



Our capabilities have enabled us to work on some ground-breaking and iconic transport infrastructure projects throughout the UK. Here are just a few of our transport projects: London Bridge Station Canopies, The Ordsall Chord in Greater Manchester and the fabrication and supply of around 95% of all the steelwork used to build Heathrow Airport.

Our team offers a vast and diverse range of expertise, which means we are uniquely placed to work closely with you in a collaborative way, to deliver an impressive suite of services.

Our Transport Infrastructure capabilities include:

- > Rail, foot, and road bridges
- > Airports
- > Train stations
- > Airport car parks
- > Train station car parks
- > Viaducts
- > Sea port facilities

DESIGN

Our highly skilled and motivated structural and civil engineers have exceptional specialist knowledge of structural steelwork design. These skills, combined with extensive experience in the sector, mean we are in a position to offer unrivalled solutions for our clients based on both value engineering and innovative concepts.

We have worked on a wide range of complex infrastructure projects - including both permanent and temporary works.



MANUFACTURE

Our fabrication facilities are second to none. From our expansive stockyards, to in-line cutting, fabrication, welding and painting; we have some of the largest finished goods storage areas in the industry.

We also operate a market-leading, state-of-the-art 'T & I' plate girder line, which is capable of building steel beams of up to 3.5m in depth and 1.5m in width - providing unrivalled accuracy for your project. Our investment in market-leading technology allows us to handle the manufacture of diverse steelworks, including bespoke pieces, such as bridge work.

However, none of this would deliver without the hard work and extensive skills of our manufacturing experts. Some of these projects require incredible expertise to ensure challenging briefs and large scale projects can be completed efficiently, effectively and within budget. We believe we have the very best people for the job and we invest in their development, continuously, to ensure we stay ahead of the curve and at the forefront of our industry.



DELIVERY

We work with WS Transportation (WST) to manage the haulage for the majority of our steel products. WST boasts a range of modern and advanced equipment, such as new trailers, specialist trailer safe systems, cycle aware cameras and audible warning features for city centre deliveries.

For our bespoke or unusual loads and deliveries, we use fully accredited and experienced haulage operators (and escort vehicles where necessary), so you can rest assured you're always in the safest of hands.

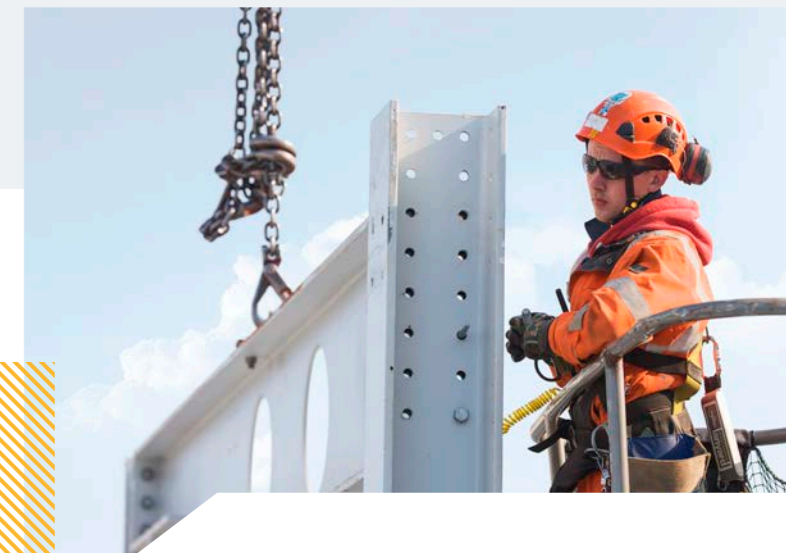


CONSTRUCTION

We boast a highly-trained construction workforce. With a focus and passion for optimum health and safety on all of our sites, we understand we must place an emphasis on the quality of the people we employ, their training, and making sure we always work with market-leading equipment.

All of our sites are consistently monitored to ensure essential standards are maintained. We have also developed our own unique safety handrail solution, Seversafe Edge Protection System, and a tool-tethering system to further boost our safety performance.

Appropriate and timely training for employees means we can be confident in delivering performance excellence and meeting and exceeding health and safety standards. We work closely with equipment manufacturers to ensure that efficiency and safety are always at the forefront of all of our operations.



MANCHESTER AIRPORT MULTI-STOREY CAR PARK

About this project:

- > A five-level, multi-storey car park (MSCP), 330 metres long
- > This became the second largest MSCP in Europe when built – providing enough space for over 8,000 cars
- > 5,000 tonnes of our steel was fabricated, delivered and constructed
- > We were heavily involved in the design and detailing on this project and our own innovations helped with faster delivery times and significant cost savings for the client



Manchester Airport Multi-Storey Car Park

LONDON BRIDGE STATION (CANOPIES AND STAIRCASES)

On track for success:

- > This was a redevelopment project as part of Network Rail's £6bn Thameslink upgrade programme
- > The project involved the construction of 15 platforms, during which a number of train lines remained live throughout
- > Due to site constraints and a tight programme, we could only have just-in-time (JIT) deliveries and we pre-manufactured the 'cassette' canopy system off-site. Each of the 1,200 bespoke cassettes are supported from aesthetic plate columns, 'Y' arms and spine beams



London Bridge Station

ORDSALL CHORD

Transforming rail connections:

- > This project involved eight structures linking Manchester Piccadilly and Victoria stations
- > 100 percent approved and fabricated in Building Information Modelling (BIM); a Network Rail first
- > There were careful considerations with this project as we had to factor in any impact on the Grade 1 listed Liverpool Road Station and the existing Stephenson's Bridge over the River Irwell
- > This was a Northern Hub Alliance project, working with Network Rail, SkanskaBAM, Siemens and Mott MacDonald
- > We have teams to design and develop early works, working with multiple framework principal contractors and engineers



Ordsall Chord, Manchester

HEATHROW AIRPORT

Soaring success at Heathrow:

- > We have provided continual support at Heathrow Airport for their infrastructure projects and have provided over 100,000 tonnes of structural steelwork for Terminals 2, 4, and 5 and the air traffic control tower to name a few
- > We have teams to design and develop early works, working with multiple framework principal contractors and engineers
- > One of our most recent contracts at Heathrow is the T2B Kilo Apron project (an underground structure to assist with the future development of Terminal 2)



Heathrow Airport

IF YOU WOULD LIKE TO DISCUSS YOUR NEXT
TRANSPORT INFRASTRUCTURE PROJECT,
PLEASE GET IN TOUCH.

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