

Early careers

UK graduate
civil and structural

Bridges

Recognised as a leader in bridge engineering with capabilities covering the full spectrum of bridge planning, design and construction supervision. Our portfolio includes some of the world's greatest landmark bridges and extends from small pedestrian bridges in urban areas to striking cable stay bridges to major suspension bridges on estuarial crossings.

Building Structures

You'll play a big part in designing structures which improve local communities within a variety of sectors including buildings, bridges, water, and energy. Using BIM technology, you can work alongside our experts who have provided sustainable design solutions for a variety of high-profile projects. You'll be responsible for a range of elements from, master planning, concept, and feasibility through to full detailed design and supervision on site. Our multidisciplinary teams design infrastructure which help to support the essential requirements of everyday life, including transportation systems, energy, and water.

Civil & Infrastructure

You'll gain varied experience and develop core skills in highways, drainage, flood risk, public realm, earthworks and utilities coordination. Using digital modelling tools, you'll be involved in civil engineering infrastructure designs for a wide spectrum of highways and development projects. As a graduate civil infrastructure engineer, you will work on a range of buildings, highways, rail, power and utilities projects from concept to construction. You will gain responsibility not only for design development but also for quality standards and programme and budget.

Foundations & Geotechnics

You'll have the opportunity to get stuck in with our geotechnical engineers who work on numerical analysis for stability, earth pressures, deformation, and pore pressure distribution. Using their extensive knowledge, they work on applying these into engineering designs.

Facade Engineering

Covering all aspects of façade engineering, our teams design, develop and monitor through to installation a wide variety of façade types. This diversity adds real value to the design and procurement process. As one of the leaders in the design of carbon neutral and low carbon facades, we also upgrade existing buildings to improve performance. Join our team to add value to projects by addressing project budgets with a robust design.

Highways

Our Highways team delivers services across the entire project life cycle. Whether we are planning, designing, and implementing new roads, or maintaining, managing, improving and operating existing highway networks, we deliver innovation, cost certainty and added value through collaborative working with clients and a culture of continuous improvement.

Transmission & Distribution

Our teams focus is ensuring energy remains accessible to all, and that energy networks can operate efficiently. As the UK push towards Net Zero, there is rapid expansion required to these existing networks and infrastructure along with providing the existing ones with the integrity to meet these ambitious targets. Join this team and you'll be working on large scale investment plans to assure that the networks will have the capacity to meet these demands whilst focusing on the integration of clean energy sources, ensuring the resilience of the existing network and further exportation of renewable sources between countries through sub-sea HVDC connections. You will be immersed within a forward-thinking team and help solve current industry challenges.

Nuclear

The nuclear industry has a crucial role to play in providing safe, sustainable, clean and carbon-free power now and in the future. Our approach to nuclear projects and programmes is based on a stress-tested delivery capability that recognises related technologies and uncertainties. Our specialist teams know what can be achieved safely and support the delivery of nuclear power projects in various locations. You'll also have the opportunity to work on the safe decommissioning of nuclear facilities.

Ports, Coastal, Offshore & Maritime

It's an exciting time for our coastal team who are pioneering the use of BIM to design coastal defence schemes. Join our experts and you'll be involved in the planning, engineering, and construction supervision of all types of port facilities including container terminals and cruise terminals.

Railways

Our track record in rail dates back to the early 1900s with the construction of the City and South London Railway. You could be getting involved in a variety of rail projects, such as high-speed rail, heavy haul, interurban and regional rail, metros, and light rapid transit.

Special services

Our Special Services team is at the forefront of developing advanced structural analysis and dynamics solutions, addressing materials technology requirements, advancing asset life management of a wide range of civil infrastructure, and undertaking specialist studies for a range of clients. We are also part of the Information Management Network which is responsible and invests in technology and improved ways of working to help deliver our projects.

Tunnels

Our origins are rooted in tunnelling, dating back to our founders' involvement in the development of London's underground road and rail systems more than 100 years ago – an association which continues today – and a testimony to the quality of our work and strength of our employee-owned business model.


Water

Join our team of water experts and you'll have the opportunity to help deliver intellectually challenging sustainable water projects in a range of water sub-sectors including:

- Dams and reservoirs - designing new dams, maintaining existing dams, designing flood barriers and river engineering
- Rivers and flooding - understanding floods and droughts, and tackling water quality with nature-based solutions
- Pipelines and networks - creating hydraulic models, designing water supply networks, designing and delivering major pipeline transfers and drainage systems
- Wastewater & Treatment - designing new and upgrading existing water and wastewater treatment plants and pumping stations.

Our water sub-sectors work seamlessly with each other to create multi-disciplinary teams to deliver our clients complex needs throughout their project life cycles, from feasibility studies through detailed design, construction support, commissioning and handover. We work with most of the UK water companies and environment agencies, as well as on select international projects. Do make sure to let us know of your specific areas of interest.

**We look forward
to receiving your
application!**

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