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SOLVERS

<p>Business area: Transportation</p>
<p>Requirements: Minimum 2.2 Bachelors/BEng degree or 2.2 Masters/MEng in Mechanical Engineering</p> <p>Please note for our Highways Infrastructure team in Epsom, we will also consider applicants with a minimum 2.2 Bachelors/BEng degree or 2.2 Masters/MEng in Mathematics or Economics</p>
<p>Our teams and what they do</p>
<p>Central Rail Systems Alliance</p> <p>Locations: Birmingham, Crewe, Derby, Doncaster, Manchester.</p> <p>The Central Rail Systems Alliance is formed by partners Network Rail, Balfour Beatty, Atkins and TSO. Together they are responsible for the delivery of multi-disciplinary railway upgrade projects on the North West & Central, and Eastern regions of Network Rail's recently devolved routes.</p> <p>The programme of works delivered by the teams is valued at £2bn and manages the development, design and delivery of Switches and Crossings and Plain Line renewals as its core business but is also responsible for the delivery of major enhancement projects.</p> <p>With a desire to collaborate with construction partners to produce railway designs for the railway system, you'll develop as a well-rounded engineer or project manager and gain a fast track to chartership.</p>
<p>Rail</p> <p>Locations: Derby, Glasgow</p> <p>Our Railway Design teams provide designs from initial concept and early feasibility, including consultancy-based advice for Rail Electrification related project work and detailed designs and management for the implementation of Overhead Line Electrification while providing on-site construction expertise and support.</p> <p>You'll be a part of a team of experts in undertaking and developing layouts plans and details for electrifying new railway corridors; helping to provide design solutions for the structural and mechanical aspects of 25kV AC and DC railway electrification. This will involve mechanical design work, performing structural calculations, specifying the associated equipment, provision of electrification of our existing network, technical studies to develop cost saving ways to implement electrification and heavy, metro/light rail and tramway electrification.</p> <p>Our portfolio of projects includes a broad range of high-profile clients, including Network Rail, Transport Scotland, Transport for Wales, HS2 and Irish Rail. We also work on a number of international projects supporting overseas railway infrastructure and metro projects.</p> <p>All of this creates an interesting and varied pipeline of works that allows our graduates to develop quickly, backed by a well-established and strong technical network to support professional development and industry accreditation through chartership with professional institutions such as the IMechE.</p>

Highways Infrastructure

Locations: Epsom

As a valued member of our Transportation Highway Infrastructure team, you'll gain exposure to the fundamentals of highway and traffic engineering, including roads, bridges, transit systems and active travel. In this varied role you will develop yourself within technical, management, commercial and leadership areas.

Upon joining the highway practice you'll gain experience of all phases of infrastructure design, from initial concept design through to construction. We'll empower you to develop your skills within a technical role, undertaking a variety of project-related tasks including technical report writing, site working, computer aided modelling and drawing preparation

Our teams work together on a broad array of projects within the local and strategic highway markets. We deliver a range of projects including active travel projects that create new walking and cycling infrastructure, essential maintenance and renewal projects on our road networks and flagship projects such as the A14 Cambridge to Huntingdon highway improvement scheme. You'll work as part of a team tasked with transforming transport infrastructure while providing net-zero emissions, helping to achieve the UK's sustainable development goals.

We offer opportunities to carry out exciting secondments to gain a better understanding of the project lifecycle. This may include project management or construction, as well as the chance to work within other disciplines such as bridge, geotechnical and environmental engineering.

We work collaboratively across the country, so you'll be involved in projects with colleagues from a variety of backgrounds and cultures. As Atkins is a global company there may be opportunities for overseas working.

The scheme will enable successful candidates to develop towards chartership with a relevant institution such as the ICE and CIHT.

To apply, please return to the main job specification