

# In the company of... SOLVERS



<b>Business area:</b> Transportation
<b>Requirements:</b> On track to achieve a minimum 2.2 Bachelors/BEng degree or 2.2 Masters/MEng in Civil or Structural Engineering
<b>Our teams and what they do</b>
<p><b>Bridges &amp; Civils</b></p> <p><b>Industrial placement locations:</b> Belfast  <b>Summer placement locations:</b> Belfast, Birmingham, Cardiff, Epsom, Leeds, York</p> <p>As a member of our Bridges &amp; Civils team you'll gain experience of all phases of design and assessment including initial concept designs, further design development and construction support.</p> <p>Within this exciting and varied role you'll undertake a variety of technical tasks including technical report writing, design calculations, site working, computer aided modelling and drawing preparation amongst other project-related tasks. Opportunities may include project management or construction, as well as the experience of working with other disciplines such as geotechnical and environmental engineering.</p> <p>Our teams work on a broad array of projects within the rail, highways, and local transport markets. This ranges from flagship projects such as High Speed 2, East West Rail and across the Highways England East Region, to essential maintenance and renewal projects on our road and railway networks.</p>
<p><b>Highways Infrastructure</b></p> <p><b>Industrial placement locations:</b> N/A  <b>Summer placement locations:</b> Birmingham, Bristol, Cambridge, Cardiff, Chelmsford, Derby, Edinburgh, Epsom, Glasgow, Leeds, Manchester, Nottingham, Swansea.</p> <p>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.</p> <p>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</p> <p>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.</p>

## **Rail**

**Industrial placement locations:** N/A

**Summer placement locations:** Derby

Our team provides a range of services from design concept to early feasibility, consultancy advice for any Rail related project work, through to detailed designs and the management of on-site construction support.

Our projects include developing new stations and depot design as well as other work such as alignments for new railway corridors and renewals or enhancements of the existing network. We continuously innovate to implement journey time improvements across the high speed, heavy, metro, light rail, and tramways networks.

We've a broad range of clients, from local transport markets such as Transport for London and local authorities through to the UK heavy rail network such as Network Rail, Transport Scotland, HS2, Transport for the North and train operating companies. We also work on a number of international projects supporting overseas railway infrastructure and metro projects.

Our interesting and varied pipeline of works will allow you to develop quickly, backed by a well-established and strong technical network.

## **Strategic Advice**

**Industrial placement locations:** Birmingham

Within our Strategic Advice team your responsibilities may include:

- Providing advice to infrastructure owners in the development of their asset management policies, strategies, and overall improvement plans to achieve efficient asset management
- Providing technical and contractual advice to Local Authorities, Department for Transport and Strategic Transport Authorities across the UK
- Working with infrastructure owners to help them assess risk and improve the resilience of their networks and their assets
- Developing and producing national asset management guidance
- Working as part of strategic change, service redesign or improvement programmes focused on asset management
- Working with strategic and local transport authorities to better understand the value of the assets they own

**To apply, please return to the main job specification**