

In the company of...

SOLVERS



Business area: Transportation

Requirements: On track to achieve a minimum of a 2.2 Bachelor's or 2.2 Master's/MEng degree

Degree Disciplines: Please see team information below.

Our teams and what they do

In Digital Asset Management, we help our road, rail, water and energy customers to get the most out of their built infrastructure assets. We provide the information they need to make key plans and decisions about the future, such as when to invest in their assets and what maintenance activities to prioritise. We help clients understand their data and bring it to life, using tools such as FME and Power BI.

We also advise clients on the implementation of national guidance and best practice, such as the uptake of risk-based approaches to asset management. This often involves working closely with clients to understand their needs and aspirations, followed by developing and implementing improvement or transformation plans. The projects we work on are varied, dynamic and stimulating, providing plenty of opportunity for new challenges and personal growth.

We have opportunities across a range of sub-roles. These are not rigid work descriptions, as our team works across disciplines to deliver great services to our clients. Here's a little about what they do:

Pavements and Structures Engineering

Industrial placement locations: Birmingham

Accepted Degree Disciplines: Civil Engineering, Structural Engineering

- Provide pavement technical advice and support to various road authorities across the UK to help manage and maintain their road network
- Technical delivery of a wide range of pavement design schemes, from feasibility studies to detailed design
- Develop robust pavement design solutions to suit varying budgetary scenarios for both new construction and maintenance projects
- Carry out pavement condition surveys and data analysis to develop optimal cost-effective maintenance design to deliver lowest whole life cost
- Working on innovative research & monitoring projects to assess materials performance to improve pavement durability and efficient scheme delivery
- Provide support in the development of asset management approaches for pavements
- Development and implementation of decision support tools and lifecycle planning.

Strategic Advice

Industrial placement locations: Birmingham

Accepted Degree Disciplines: Asset Management, Business, Civil Engineering, Construction Management, Economics, Project Management, Transport Management

- 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