

Permanent Way Engineer

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Company: SNC-Lavalin

Location: United Kingdom

Category: architecture-and-engineering

Job Description

Are you ready to take up a vital role in shaping some of our exciting projects? How about joining our talented team, where everyone has a voice, and together we face our clients' problems head-on. It's a diverse and inclusive work environment where world-class talent knows no distinctions.

We know that different people have different priorities, which is why we're here to support you. Flexible and remote working is a central part of our culture. So, talk to us about what's ideal for you – from reduced weeks to buying more leave over school holidays. And if you're returning from a career break, ask us how we can help you transition back into work with us. [Read more about how you can thrive with us](#)

You might know us for the great work we do across our wide variety of projects. We're proud to say it's thanks to our people's diversity of thought, expertise, and knowledge and when you join us, you'll be a part of this genuinely collaborative environment, where everyone's voice is valued and treated equally.

The Central Rail Systems Alliance is formed by partners Network Rail, Balfour Beatty, AtkinsRéalis and TSO. The CRSA is responsible for the delivery of multi-disciplinary railway upgrade projects on the Northwest & Central and Eastern regions of Network Rail's recently devolved routes.

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.

We are looking to recruit Permanent Way Engineers to join our Central Rail Systems Alliance team.

You will be working with an established, highly motivated, and successful team. The position offers flexible hybrid working. Office days are agreed on a job-by-job basis, with office locations in Doncaster, Derby, and York, working on projects from feasibility through to detailed design producing S&C designs.

Essential Requirements:

Experience in permanent way design.

Able to author technical reports of acceptable technical and presentational quality.

Good understanding of Network Rail, London Underground & Railway Group standards as well as the relevant British Standards and Eurocodes.

Able to present their work and represent their colleagues on the project in presentations and meetings.

Able to independently deliver work and integrate with larger project teams.

Develop broad technical competence and able to check work of all those in the project team.

An understanding of track construction methods, stage works of projects, PWay components and surveys.

Proficient in Microstation and Bentley Rail Track (BRT) design software production as well as Microsoft Word and Excel.

A working knowledge of using ClearRoute 2 software.

Responsible for completion of projects to time and cost.

A willingness to work flexibly (as required) to assist in the delivery of projects.

Qualifications and Experience:

Higher Educational Qualification or working towards.

Preferably Eng Tech or IEng (From either PWI, ICE or IMech) or working towards professional qualification.

Responsibilities:

Undertaking the production of permanent way designs, working as part of a dedicated PWay design engineering team.

Undertake in active collaboration in site surveys and collating information from surveys, records or other sources (e.g., eB).

Preparation of design specifications that comply with company and Network Rail, British and European Standards.

Preparing design deliverable packages including drawings, calculations, and reports.

Preparation of design drawings using Microstation CAD.

Coordination and communication with other design/construction disciplines and manufacturers.

Safety and technical assurance including participation in hazard workshops and risk assessments.

Why work for AtkinsRéalis?

Our Transportation teams are reinventing transport for a challenging yet exciting future.

We're creating new ideas and smart solutions for cities, people and the environment. You'll be working alongside some of the top people in our industry, solving challenges that bring together traditional engineering and new technologies. As part of our organisation, you'll be in a privileged position, delivering what's right for governments and communities. You'll be helping us to improve our leading environmental performance while enabling others to do the same.

Meeting your needs:

To help you get the most out of life in and outside of work, we offer employees Total Reward. It's a package that can be tailored to your changing lifestyle, career and personal needs. You'll enjoy benefits such as partner discounts, leadership training, professional, accreditations, and career planning for any stage of your career. Making sure you're supported is important to us. So, if you identify as having a disability, tell us ahead of your interview. And let's talk through any adjustments you might need.

New name, new era. We are AtkinsRéalis. It will take some time for all our information to update – you can still refer to our fantastic benefits via the link below:

Your Reward at SNC-Lavalin (snclavalin.com).

More about us:

AtkinsRéalis, is a leading global consultancy with over 100 years of design and engineering expertise. With us, you'll be surrounded by the skills, knowledge, and support to help you succeed. Together, we can deliver projects which have a positive, sustainable impact on the world.

Check out some of our recent, most exciting projects.

Training:

AtkinsRéalis is committed to developing its people both personally and professionally. Our colleagues have the advantage of access to a high ranging training portfolio and development activities designed to help make the best of individual's abilities and talents. We also actively support staff in achieving corporate membership of relevant institutions.

Additional Information:

This role may require security clearance and offers of employment will be dependent on obtaining the relevant level of clearance. If this is necessary, it will be discussed with you at interview. The vetting process is delivered by United Kingdom Security Vetting (UKSV) and may require candidates to provide proof of residency in the UK of 5 years or longer. If applying to this role please do not make reference to (in conversation) or include in your application or CV, details of any current or previously held security clearance.

We are committed to promoting a diverse and inclusive community - a place where we can all be ourselves, thrive and develop. To help embed inclusion for all, from day one, we offer a range of family friendly, inclusive employment policies, flexible working arrangements and employee networks to support staff from different backgrounds. As an Equal Opportunities Employer, we value applications from all backgrounds, cultures and ability.

#LI-UK#LI-ATKINS #LI-Transportation #TRACivilsJob #RailSNC

Worker Type

Employee

Job Type

Regular

At AtkinsRéalis, we seek to hire individuals with diverse characteristics, backgrounds and perspectives. We strongly believe that world-class talent makes no distinctions based on

gender, ethnic or national origin, sexual identity and orientation, age, religion or disability, but enriches itself through these differences.

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