



Operated by Midland Metro Ltd

Graduate Civil Engineer

Location: Wednesbury, West Midlands

Salary: £25,000

Basis: Full Time, Permanent

West Midlands Metro is the name for the region's popular and growing tram network, operated by Midland Metro Limited. Midland Metro Ltd is owned by the West Midlands Combined Authority. It is an inspiring time for Midland Metro Ltd as the Combined Authority delivers a £1.3 billion investment plan set to significantly expand the tram network, bringing even greater connectivity to people, places and business.

The Role

We now have an exciting opportunity for a Graduate Civil Engineer to join our Infrastructure department to provide technical support for maintenance activities and technical assurance for our permanent way, structures and rail systems assets.

Key Responsibilities:

- Provide input to infrastructure projects at concept design stage advising contractors on WMM's standards and best practice on permanent way, structures, and rail systems
- Undertake design reviews for new infrastructure permanent way, structures, and rail systems
- Engage with contractors during construction phase to witness site activities and advice on technical changes
- Act as WMM's point of contact for permanent way, structures, and rail systems testing and commissioning activities, review and comment on testing and commissioning documentation participate in testing and commissioning
- Identify new maintenance requirements arising from new or renewed permanent way, structures and rail infrastructure and include these in updated maintenance instructions
- Support maintenance planning with guidance on suitable spare parts, consumables, tools and equipment for permanent way, and rail systems
- Develop capability for reliability improvement for permanent way, and rail infrastructure including process for root cause analysis
- Develop the structures register, to include ownership, maintenance responsibility, and general and principal reports to confirm and document that structures are being maintained and ensuring the tramway is safe to operate within its defined envelope
- Review quality of asset information on paper and/or in the Asset Management Information System (AMIS) to support Asset Plans, intervening to improve quality as required
- Attend site as required to oversee work, inspect the condition of the permanent way, structures, and rail infrastructure, or liaise with third party contractors
- Support maintenance planning in identifying competencies required for maintenance work
- Develop the maintenance instructions, procedures, and associated documents, to help improve reliability of permanent way and rail maintenance
- Identify internal and external resource requirements to support engineering assurance.
- Work flexibly on occasion as may be required to support emergency works or major planned activity outside normal working hours
- Any other duties that are appropriate to the role

Please see the full list of responsibilities on the Job Description attached.

What you'll need:

- Degree in Civil Engineering
- Experience working as part of a team
- Ability to problem solve and effective decision-making skills
- Excellent written and verbal communication skills
- A flexible approach to working hours
- Critical thinking

What we offer in return?

- Competitive Salary.
- 25 days holiday and bank holidays.
- Free travel on West Midlands trams and buses for you and your partner
- Contributory Pension Scheme.
- Life Insurance
- Discounted Gym Membership.
- 24/7 365 Employee Assistance Programme (EAP)
- Company Uniform
- Full Training

Are you interested? If so, we'd love to hear from you! To apply please send your CV and a cover letter to: recruitment@westmidlandsmetro.com