

Job Profile

Traffic Engineer

Career Grade: 9 to 10

Date created: August 2023

JE ID: 40025 (Grade 9) 40026 (Grade 10)

About the Job: You will take on the role of Traffic Engineer and manage the design and delivery of engineering capital projects through their life cycle. Where required you will lead an allocated team engaged in delivering an engineering project. You will identify and develop innovative design solutions, ensuring successful delivery that offers value for money, safe and sustainable solutions and achieves targets set.

This is what we need you to do...

Grade 9

- Manage and deliver traffic engineering projects required by the project brief through their life cycle. These projects will require designs for both urban and rural environments.
- Supervise teams and individuals engaged in the delivery of traffic engineering projects.
- Report to the Principal Traffic Engineer.
- Produce design solutions, calculations, plans and drawings, cost estimates and progress reports.
- Produce contract documents such as the Scope (including specifications), bills of quantities. Produce other contract documents as required.
- Ensure that statutory and other notices are prepared, issued, updated, and closed in accordance with legal requirements.
- Liaise with and maintain excellent working relationships with other GCC teams to ensure that designs meet internal stakeholder requirements, to manage conflicts and coordinate delivery.
- Develop and maintain the relationship with the Project Manager (Client) through regular reporting and financial management of the project.
- Manage own workload and the resources required to ensure successful service delivery.

We want to be an employer of choice, attracting and retaining excellent people to work for us, so that we can best serve all of Gloucestershire's diverse communities. Our promise to you is that we will provide an inclusive and supportive working environment that enables you to bring your whole self to work and realise your full potential.



- Use computer aided design and other specialist software to complete work.
- Ensure that output and quality of work is of a high standard.
- Interpret engineering standards, guidance, and best practice for Clients, other agencies, internal and external stakeholders, members of the public and councillors to ensure effective service delivery.
- Undertake the role(s) of site supervisor and NEC4 PM for the construction phase.
- Carrying out assessments of contractors work and payment proposals and agreeing payment.
- Apply health and safety legislation to traffic engineering projects through the life cycle of the project.

Additional at Grade 10

- Lead project teams and deliver a range of engineering projects.
- Lead project teams and deliver a range of complex and high value engineering projects.
- Providing professional sponsorship to Engineering Technicians, Assistant Engineer and Engineer colleagues in preparation for their institution professional reviews.

- Know and apply current engineering standards, guidance, and best practice to produce engineering solutions that are innovative, cost effective and promote road safety and sustainability.

Special Conditions

- You must hold a current, full driving licence which is valid for driving in the UK.
- You will be expected to undertake out of hours duties infrequently.

Monitoring and ongoing development of outcomes

We want to be an employer of choice, attracting and retaining excellent people to work for us, so that we can best serve all of Gloucestershire's diverse communities. Our promise to you is that we will provide an inclusive and supportive working environment that enables you to bring your whole self to work and realise your full potential.

As part of the annual appraisal, outcome based targets will be developed in conjunction with the post holder and will supplement this job profile. The job profile will be subject to regular review and the Council reserves its right to amend or add to the accountabilities listed above.

The ideal candidate will have...

Experience

At Grade 9

- Supervising colleagues engaged in a range of engineering projects.
- Substantial experience of working within the specified area of expertise as a designer (highway and traffic engineering (including but not limited to Active Travel and other sustainable transport projects)).
- Experience of project programming, coordination and managing resources.
- Negotiating with Statutory Undertakers, Contractors and other stakeholders to ensure the cost-effective delivery of projects.
- Project programming, coordination and managing resources.
- Engaging with, negotiating with, influencing, and managing communications at an operational level with the project team and both internal and external stakeholders.
- Applying current Health and Safety regulations and its application in engineering design and construction. Experience of the role of Principal Designer under the CDM Regulations 2015.

Additional Experience at Grade 10

- The preparation of contract documents for projects including Scope (specifications) and Bills of Quantities.
- Undertaking the role of site Supervisor.
- Supervising colleagues and teams engaged in a range of traffic/highway engineering projects.
- Undertaking the role of NEC4 PM.
- Supervising colleagues and teams engaged in a range of traffic/highway engineering projects including those of high values.

Knowledge, Skills and Understanding

- Knowledge and experience of current construction related Health & Safety and Construction Design and Management regulations including the ability to act as Principal Designer.
- Able to undertake the financial management of projects including cost estimates, measurement, re-measurements, assessment, and certification of prices.
- Knowledge of civil engineering contract documents.
- Ability to manage multiple tasks and apply reasoned judgement

We want to be an employer of choice, attracting and retaining excellent people to work for us, so that we can best serve all of Gloucestershire's diverse communities. Our promise to you is that we will provide an inclusive and supportive working environment that enables you to bring your whole self to work and realise your full potential.

- when balancing competing demands and priorities.
- An expert understanding of relevant design standards, guidelines and best practice and be able to apply them.
- Able to respond to a changing pattern of demand at work which can be unpredictable and unplanned requiring constant shifts of priority.
- Demonstrate a strong commitment to health, safety, and welfare.
- Commitment to, and understanding of, the principles of Equal Opportunities for all, in employment and the delivery of services.
- Experienced and proficient in the use of AutoCAD and other appropriate technical design software packages.
- An understanding of sustainable Travel and the influence that engineering can have on environmental issues and climate change.
- Able to supervise colleagues to achieve work requirements.
- Understand the highway operational environment and constraints to find solutions.
- Good organisation skills and an ability to work under pressure to meet deadlines.

Behavioural attributes

- Aligns with Gloucestershire Employee Values and behaviours which are available on our [website](#)
- Our values are Accountability, Integrity, Empowerment, Respect and Excellence.

- Commitment to, and understanding of, the principles of Equal Opportunities for all, in employment and the delivery of services.
- Taking accountability of the undertaken tasks and aim for excellence.
- Taking accountability of the undertaken tasks and aim for excellence.
- Flexible, creative and self-motivated and able to work autonomously.
- Organised and able to meet deadlines.
- Ability to work respectfully and effectively with others, particularly in challenging environments.
- Willingness to accept responsibility and accountability.

Education & Qualifications

Essential

At Grade 9

- HND in Civil Engineering or higher.

At Grade 10

- HND in Civil Engineering or higher with significant experience pertaining to this post.

Or

- MEng, BEng or equivalent degree in Civil with significant experience pertaining to this post.

And

- Incorporated (IEng) or Chartered (CEng) Engineer with the ICE or comparable relevant institution with significant experience pertaining to this post.

We want to be an employer of choice, attracting and retaining excellent people to work for us, so that we can best serve all of Gloucestershire's diverse communities. Our promise to you is that we will provide an inclusive and supportive working environment that enables you to bring your whole self to work and realise your full potential.

We want to be an employer of choice, attracting and retaining excellent people to work for us, so that we can best serve all of Gloucestershire's diverse communities. Our promise to you is that we will provide an inclusive and supportive working environment that enables you to bring your whole self to work and realise your full potential.

