

Directorate:	Growth, Environment and Transport
Unit/Section:	Highways and Transport – Structures
Grade:	KSF
Responsible to:	Tunnels, Barriers and Data Programme Manager

Purpose of the Job:

To provide engineering support to the Structure's Tunnels Team. As a Graduate Structures Engineer, you will be placed in the Tunnels and Safety Barriers Team and will support the Programme Manager in progressing various mechanical, electrical and/or systems engineering tasks and projects.

The post holder will provide technical advice, assist with general project management of schemes, along with assisting with financial control and administrative tasks when required.

Main duties and responsibilities:

- Undertake mechanical, electrical and/or systems engineering roles for the Tunnels and Safety Barriers Team, this may include assisting with reviewing new and existing designs for assets, planning and implementing the inspection programme for existing assets or delivering our capital and revenue works schemes.
- Assist with site visits and audits to ensure assets are being constructed and maintained in accordance with agreed and approved methodologies.
- Assist in the preparation of risk assessments and method statements. Ensure compliance with Health and Safety legislation, e.g. CDM 2015.
- Assist with budget planning and reporting in areas of responsibility within the team.
- Assist in the preparation of briefs to consultants and other service providers to help in the fulfilment of fulfilling the duties allocated, and work with commissioned suppliers and third parties to ensure the efficient delivery of all commissioned works.
- Ensure all project documentation and correspondence is logged and filed accurately.
- You will be required to provide assistance to other teams within the GET directorate, or any other part of KCC, from time to time as and when your skills and knowledge are required for particular projects and initiatives.

The following outlines the criteria for this post. Applicants who have a disability and who meet the criteria will be shortlisted.

Applicants should describe in their application how they meet these criteria.

	CRITERIA
QUALIFICATIONS	- BEng in Mechanical, Electrical or Systems Engineering or a related subject (course must be accredited by the Engineering Council Joint Board of Moderators). - Graduate member of relevant professional institution.
EXPERIENCE	This position is an entry level position for a Mechanical, Electrical or Systems Engineering graduate. No prior work experience is necessary
SKILLS AND ABILITIES	- A Full UK Driving Licence – The Council is committed to making reasonable adjustments so whilst this job requires the jobholder to drive your application will still be considered if you are unable to drive due to a disability. - Ability to use and interpret spatial data (maps and drawings). - Good teamworking skills. - Self-motivated and strong desire to learn, ambition to achieve professional qualifications in the future. - Good interpersonal and communication skills to liaise with customers and colleagues. - Computer literacy, training in specialist software used will be provided.
KNOWLEDGE	- Understanding of engineering principles and awareness of current standards (e.g. Design Manual for Roads and Bridges). - Awareness of relevant legislation with ability to research and interpret. - Awareness of CDM Regulations and risk assessments.
KENT VALUES AND CULTURAL ATTRIBUTES	Kent Values: - We are brave. We do the right thing, we accept and offer challenge - We are curious to innovate and improve - We are compassionate, understanding and respectful to all - We are strong together by sharing knowledge - We are all responsible for the difference we make Our values enable us to build a culture that is: Flexible/agile - willing to take (calculated) risks and want people that are flexible and agile Curious - constantly learning and evolving Compassionate and Inclusive - compassionate, understanding and respectful to all Working Together - building and delivering for the best interests of Kent Empowering - Our people take accountability for their decisions and actions Externally Focused - Residents, families and communities at the heart of decision making