

Kent County Council

Job Description: *Drainage Engineer*

Directorate: Growth, Environment and Transport

Unit/Section: Drainage Asset Management

Grade: KR9

Responsible to: Planned Work Team Leader

Purpose of the Job:

To work part of a cross cutting team to deliver planned drainage repairs, renewals and improvements across the County including all associated financial, contractual and administrative tasks to ensure planned work is delivered effectively as part of the council's Highways Asset Management Plan.

Main duties and responsibilities:

- Arrange for civil engineering works and operational maintenance activities identified in the annual programme to be carried out; ensure that technical standards are complied with; including agreeing payment for work.
- Package remedial works arising from customer enquiries and feedback from the maintenance team's works activities for target costing/ external tendering; monitoring budgets and programmes and subsequently checking work on site.
- Prepare risk assessments to prioritise the works above, and produce job packs, pre-construction information and ensure that the works are carried out in a safe manner, on time and to budget. Carry out completion and maintenance certification inspections and ensure any works defects are remedied.
- Assess the condition of the drainage infrastructure (except for routine visual safety inspections of ironwork, which will form part of the safety inspection regime undertaken by Highway Inspectors in Highway Operations). Recommend and design future works for all drainage assets; and assist the team leaders with the preparation of maintenance bids in conjunction with the wider Highway Asset Management teams.
- Investigate and interrogate incidences of road and property flooding, and compile reports to assist with customer complaints and for insurance claims against the Highway Authority.
- Work with the Environment Agency, District councils and sewerage authorities in respect of flood remedial work and land drainage issues.
- Ensure contract compliance in all elements of work and provide information for KPI's as required.
- Demonstrate an ability to work independently with minimal supervision and take ownership of your work area, as well as working well as part of a team to achieve a common goal.

- Liaise with members of the public, elected Members, Parish Councils, contractors, and emergency services as required and in accordance with KCC Customer Care Policy.
- 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

Footnote: This job description is provided to assist the job holder to know what their main duties are. It may be amended from time to time without change to the level of responsibility appropriate to the grade of post.

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Person Specification: *Drainage Engineer*

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	<ul style="list-style-type: none"> • HND/HNC/BTEC in civil engineering or related subject. • Student or associated membership of relevant professional body or willingness to train towards membership of relevant professional body. • NRSWA Accreditation or willingness to obtain • A Full UK licence
EXPERIENCE	<ul style="list-style-type: none"> • Proven post qualifying experience, and the use of relevant computer applications • Experience of target costing and asset management techniques • Good knowledge of national and local standards, and techniques and technical procedures. • Working knowledge of CDM regulations and risk assessments
SKILLS AND ABILITIES	<ul style="list-style-type: none"> • Computer literate. Able to use MS Office and other typical general office packages, and specialist software packages • Ability to use and interpret spatial data (maps and drawings) • Able to demonstrate attention to detail • Ability to communicate effectively, both verbally and in writing, at all levels with internal and external stakeholders and members of the public. • Ability to deal with public in difficult circumstances • Good teamwork skills • Able to operate with minimum of supervision. • Ability to travel. • Ability to manage complex workloads independently using your own initiative with a can-do approach. • Self-motivated and able to influence others to achieve the best results.
KNOWLEDGE	<ul style="list-style-type: none"> • Good knowledge of national and local standards, and techniques and technical procedures. • Working knowledge of CDM regulations and risk assessments. • Understanding of the role and responsibilities of the Highway Authority and of Local Government.
KENT VALUES AND CULTURAL ATTRIBUTES	<p>Kent Values:</p> <ul style="list-style-type: none"> • 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