



Cumberland Council

Post Specification

Date	December 2021
Post Group Number	6280
Post Title	Senior Bridge Engineer
Job Family	Regulation and Technical
Job Family Role Profile	RT15
Final Grade	15

To be read in conjunction with the job family role profile

Service Area description

This is a key post within the Capital Programme team. The Capital Programme team is responsible for the delivery of the County Council's approx. £120m p.a. capital programme and supports a diverse range of front-line services and back office functions including children's services, adult services, highways, corporate buildings and fire service. The Capital Programme team is in turn a part of Capital Programmes and Property Directorate.

Purpose of this post

- To act as the professional project lead providing technical design and project advise in your specialist area.
- To supervise, coordinate and provide support and guidance to the bridge's team.
- To undertake the monitoring of condition of bridges and other highway structures and preparation, design and processing of repairs and improvement of bridges and highway structures.
- To provide technical advice and guidance to colleagues particularly in local areas in respect of bridge and other highways structures condition monitoring and repairs.

Key job specific accountabilities

1. Operating as the Professional Lead in your specialist area and planning and organising the work of the team in accordance with the programme requirements.
2. To be the key responsible engineer for the design or new and improvement related range of complex activities including bridges and other highway structures and to be responsible for the condition assessment and maintenance activities related to bridges and other highway structures.
3. Commission, manage and carry out surveys, design, specification and supervision associated with the improvement and maintenance of bridges and other highway structures.
4. Monitoring and reporting on progress of projects and work programmes also including contribution to long term strategic planning
5. Determining compliance with regulatory frameworks, council policies and industry best practice and providing advice in accordance with these.

Please note annual targets will be discussed during the appraisal process

Key facts and figures of the post

Budget Responsibilities	<ul style="list-style-type: none">• Up to £5m per annum.
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Staff Management Responsibilities	<ul style="list-style-type: none"> • Manage a small team of 2 bridge engineers. • Provide advice and guidance to the bridges officers managed by area highway teams.
Other	<ul style="list-style-type: none"> • Specialist bridge and structures knowledge and experience required.
Essential Criteria - Qualifications, knowledge, experience and expertise	
<ul style="list-style-type: none"> • A relevant degree or MEng (Masters of Engineering) degree qualification or equivalent. • Professional Accreditation in the given field • Considerable experience of bridge and structures design to national standards including HA DMRB. • Recognised internal expert with proven technical and project lead experience in the given area • Thorough knowledge of application of standards, specifications, systems, guidelines, regulations, policies and legislation to relevant work areas. • Working knowledge of relevant Eurocodes and design standards. • Evidence of continuing professional development as a bridge engineer or related discipline. • Strong written and verbal communication skills. 	
Disclosure and Barring Service – DBS Checks	
<ul style="list-style-type: none"> • This post does not require a DBS check. 	
Job working circumstances	
Emotional Demands	Minimum exposure.
Physical Demands	Normal effort required.
Working Conditions	Minimal number of site visits; some exposure to weather on site visits in intense conditions.
Other Factors	
<ul style="list-style-type: none"> • Cumberland Council is undertaking a step change in its modernisation and efficiency programme. The capital programme team is fundamental to the success of this through the delivery of major works programmes that directly support the communities of Cumbria and also in the delivery of corporate assets critical to modernised working. We are expanding our dynamic and high performing team and encourage applications from candidates who relish challenge and share our vision for the delivery of high quality capital programmes which directly support our communities. 	