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| **Senior engineer – HIGHWAY structures**  **SALARY GRADE: HBC8** | Halton Borough Council  resourcing@halton.gov.uk |
| Working at Halton | |
| All our colleagues at Halton have made a positive commitment to delivering great outcomes for our communities. Whoever joins us will share that passion for outstanding service, and strongly align with the values which define our workplace culture:   * Working Together – building fantastic relationships with colleagues and customers * Continuous Improvement – Keeping great service delivery at the heart of everything we do * Personal Growth – Learning, growing and developing ourselves * Accountability – doing what we say we are going to do * Inspiring Leadership – positive roles models and leading by example   *To read more about our values, click* [*HERE*](https://haltoncouncilcareers.co.uk/values/)  **We are immensely proud that when asked what’s great about working for Halton, the most popular response from our workforce has been ‘*our colleagues’*.**  Aside from working with a great team, our employees have access to a fantastic range of benefits, including:   * A generous annual holiday allowance starting at 34 days per year (including bank holidays), increasing with long service * Membership of our defined benefit, salary-linked pension scheme with generous Employer Contributions * 3 x Salary Life Cover via Local Government Pension Scheme * Investment in your personal development * Free Car Parking at HBC sites * Flexible / hybrid working arrangements available * Car leasing schemes * Essential Monthly Car User Allowance   *For further information about all the benefits we offer, please click* [*HERE*](https://haltoncouncilcareers.co.uk/benefits/)*.* | |
| About the Job | |
| Reporting to the Principal Engineer- Highway Structures, you will be working in the Highways team, preparing, developing and implementing maintenance and capital works schemes and undertake related functions associated with the management of highway bridges and associated structures.  More specific responsibilities include:   * Undertake surveys, investigations and safety audits and carry out analysis of data and results in connection with highway capital programmes and major maintenance schemes * Carry out feasibility studies and prepare estimates, project plans, programmes and reports and assist in the preparation of service plans for submission to service management * Design infrastructure maintenance and improvement schemes and systems in compliance with current standards, guidance and advice and in accordance with the Construction, Design and Management (CDM) regulations * Evaluate infrastructure design and construction proposals submitted to the Council by developers / contractors and other third parties. * Prepare briefs and assist in the supervision and management of consultants undertaking contracted work on behalf of the Council * Consult and liaise with elected Members, partner organisations, stakeholders and the public in connection with the service. * Liaise closely with internal and external colleagues and others to ensure informed and effective coordination in relation to maintenance schemes with a cross boundary / City Region reach * Provide advice and respond to enquiries in connection with the services and third party programmes of work * Manage the procurement of works and services in accordance with legislation and the Council’s standing orders, systems and procedures including the monitoring and control of scheme and project budgets. * Supervise scheme implementation / construction including contract administration, payments and settlement of accounts acting as the Works Supervisor as required. * Maintain a thorough knowledge of current legislation, standards and practices in connection with the requirements of the post. * Assist in the development and maintenance of the services technical, operational and management systems and records * Prepare clear and concise reports for submission to Management Team, Executive Board and Policy & Performance Boards * Represent the Service at meetings, hearings and court on matters relating to the service and deputise for the Principal Officer as necessary * Provide cover for out of hours highway emergencies and duties * Support the development and maintenance of Halton’s Asset Management Plan by liaising with and * providing information to the Highway Asset Officer * Undertake any other duties and responsibilities as may be assigned from time to time, which are commensurate with the grade of the job | |
| About You | |
| In addition you will have:   * Degree in engineering or a transport related discipline * Knowledge and understanding of Highway traffic law * Detailed specialist knowledge of the relevant Legislation, Standards, Specifications and Codes and ongoing development of the area of highway structure construction, maintenance and improvement * Experience in delivering highway programs from design to completion, managing budgets, assessing third-party plans, and overseeing contracts * Skills in budget monitoring, bid writing, contract commissioning, and managing contractor relationships to ensure efficient project delivery and financial control * Some knowledge of the Council’s procurement rules * Proficiency in the use of specialist technical software relevant to the post * Developed verbal and written communication skills with an emphasis on negotiation and influencing with an emphasis on good customer service * Ability to effectively liaise with and advise a wide range of stakeholders * Proficient in the use of specialist technical software relevant to the post * Creative and analytical skills * Experience of working within Highways in a local authority or a similar organisation * Experience of working with developers/contractors * Proven ability in bid writing and delivering excellent customer service through effective communication and stakeholder management * Previous experience of reviewing and assessment of third party developer plans * Project Management skills in the Capacity of Project Manager under NEC3/NEC4form of Contract of major bridge maintenance works * Experience in producing clear and concise committee papers, reports and briefings, including bid writing * Ability to represent the Council in a range of settings * Experience and understanding in Bridge design, assessment and maintenance including major concrete repair and protection works on structures similar to the Silver Jubilee Bridge and Mersey Gateway * Experience in specification and supervision of major bridge painting works with structures similar to the Silver Jubilee Bridge and Mersey Gateway   As this role involves regular travel across the borough and sometimes further afield, a driving license and access to a vehicle are essential requirements. Where appropriate, reasonable adjustments will be made in accordance with the provisions of the Equality Act.  The Council and its schools are committed to safeguarding and promoting the welfare of children, young people and adults and expect all staff, workers and volunteers to share its commitment. | |
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This part of the Job Profile is intended to provide more detailed information in relation to the main purpose of the job of a Senior Engineer – Structures

* Delivery of Highways structure capital, this will be from the pre-design through to construction and sign off.
* Carry out Principle and General bridge inspections
* Design and Supervise major bridge painting works
* Provide technical advice to ensure that the Council’s statutory obligations with regard to the maintenance and management of its highways bridge stock are satisfied
* Act as the central point for the reporting of bridge strikes, assessing and dealing with these as necessary
* Provide input required to ensure compliance with the Councils statutory obligations with regard to highway capital works or major maintenance as defined by the Highways Act or successor legislation
* Carry out engineering/mathematical calculations specific to the role
* Represent the Service at meetings, hearings and court on matters relating to the service and deputise for the Principal Officer as necessary
* Provide cover for out of hours highway emergencies and duties, including the highway winter maintenance service
* Undertake all duties to preserve the capital value of the Council’s bridge infrastructure, ensure the safety of the highway user and allow the highway network to contribute to the economic and social well-being of the Borough