

Post Specification

Post Specification - Key Information

- **Post Title: Bridge Technician**
- **Date: December 2025**
- **Post Group Number: 6740**
- **Job Family: Regulation and Technical**
- **Job Family Role Profile: RT7**
- **Final Grade: Grade 7**

To be read in conjunction with the job family role profile.

Service Area Description

Sustainable Transport and Highways

Purpose of this Post

- To assist in undertaking condition inspections, monitoring and general stewardship of bridges and other highway structures and to record condition and defects accurately, clearly and consistently in accordance with relevant standards and guidelines.
- To provide technical advice and guidance to colleagues in respect of bridge and other highway structures improvement, maintenance and repair schemes.

Key Job Specific Accountabilities

- To assist in undertaking General Inspections, monitoring and general stewardship of highway structures in accordance with the needs of the asset condition inspection requirements. Where significant structural defects are identified notify a Senior Bridge Technician/Bridge Engineer so that appropriate action can be taken to maintain the safety of the structure and protect the public. Respond to communications with respect to damage or concerns.
- To assist colleagues with the compilation of work order packages by providing basic operational and technical advice with respect to, method statements, traffic management requirements, ecological/environmental considerations, works cost estimates and the application of relevant procedures.
- To assist Bridge Senior Technicians in the preparation of an annual prioritised Statement of Intent to include budget estimates, planning and organising own work programme to ensure service delivery to given timeframes.
- Producing and maintaining accurate records and reports in accordance with procedures and guidelines in support of policies, regulations and project requirements, including preparation of backup data for enforcement/evidence of compliance.

- Work within relevant professional practice, standards and guidance including adherence to health and safety procedures and liaising with statutory and relevant bodies associated with planning, coordination and execution of works. Assist with consent applications from Environment Agency and Local Lead Flood Authority for in-river working.

Key Facts and Figures of the Post

- **Budget Responsibilities:** Assisting with the preparation of cost estimates for development of annual budget requirements
- **Staff Management Responsibilities:** No direct management responsibilities
- **Other:** Bridges and structures knowledge and experience required.

Essential Criteria

- **Qualifications:**
- Relevant technical, vocational qualification at NVQ3 Level or equivalent or at least 2 years experience of bridge and structures inspections or 2 years experience in highways maintenance
- **Knowledge:**
- Knowledge of bridges technical standards, including Inspection Manual for Highway Structures – Volumes 1 and 2 and Code of Practice Well Managed Highway Infrastructure.
- Basic understanding of structural behaviour of highway structures, knowledge of the causes of defects and suitable methods to identify, confirm and investigate further.
- Basic knowledge of construction methods and materials used in the construction of highway structures.
Knowledge of safe working practices and methods of access required for inspection.
Understanding of appropriate health and safety procedures relating to working on highway structures.
- **Experience:**
- Experience of assisting in the preparation of work orders and associated supporting documentation including consent applications and NRSWA notices, working with contractors involved with improvement, maintenance and repair of structures.
- **Expertise:**
- Ability to record defects accurately, clearly and consistently and to prepare draft reports and letters.
- To be computer literate and have experience in use of Highways Management System (HIMS).
- To be an effective communicator and be able to seek advice from other team members as appropriate.
- Be able to liaise effectively with people and relevant bodies internal and external to the Council.
- To be self-motivating and be able to react and respond to the job demands and work to deadlines and prioritise workloads.
- Have a flexible approach to work and experience of working co-operatively with colleagues and in a team environment. To have a proactive interest in self-development.

Disclosure and Barring Service (DBS) Checks

- This post does not require a DBS check.

Job Working Circumstances

- **Emotional Demands:** Minimum exposure
- **Physical Demands:** Normal effort required
- **Working Conditions:** Exposure to weather on site visits, occasionally in intense conditions.