

Job Specification



Job title: Bridges Design & Structural Strategy Engineer
Service: Places: Network Management Group
Grade: G11
Reporting to: Service Manager – Network Management

Your job

You will manage the Highway Structures team who are responsible for the management and maintenance of the borough's highway structures including bridges, walls and road culverts. You will also carry out the duties of Technical Approval Authority on behalf of the council in relation to developers and consultant's proposals for new highway structures within the borough.

You will undertake the design, implementation, supervision and inspections of highway structures in addition to managing your own and the team's workload and to allocate scheme and project works.

You will deliver effective engineering and design solutions for a range of projects and play a key role in the delivery of the aspirations and objectives set out in the Highway Asset Management Policy, Strategy and Plan, which aims to embed asset management as our core approach to managing our highway infrastructure. You will contribute to the Council's Deal for 2030, in helping deliver growth and great places, with well-maintained highway infrastructure and developing services that support building self-reliance.

The Council is committed to complying with the European General Data Protection Regulations (GDPR) and meeting the requirements of the Information Commissioner's office (regulating data protection compliance in the UK). It is your responsibility to ensure that the work you undertake is compliant with the General Data Protection Regulations.

In this job you will

On an ongoing basis you will:

- Effectively assess and monitor highway structure assets in accordance with the council's Highway Asset Management Policy, Strategy and Plan and develop service standards that encompass the design, maintenance, adoption, management and prioritisation of all highway infrastructure assets
- Ensure that the Highway Structures Whole Life Cycle Plan and annual programme of works is developed and deployed; and the outcomes are evaluated to provide evidence that will support and successfully deliver investment funding bid opportunities from local, regional and national sources
- Effectively lead and manage the Highway Structures team so that it achieves all elements of financial and performance targets associated with its remit, in line with the priorities and objectives of the council
- Provide strategic leadership, direction and advice relating to Highway Structures service management, planning, development and service pricing
- Be accountable for the council's Highway Structures asset management and development of all aspects of the Highway Structures services, including developing annual service plans that provide focused vision and policies that are consistent with delivering the council's Vision and Priorities

- Have the responsibility for the efficient and effective development, co-ordination, programming and implementation of the Highway Structures replacement, maintenance and renewal engineering schemes and General, Principal and Special inspections programme
- Ensure that the Highway Structures services meet its statutory duties and obligations in the provision of the full range of services and delivering the General, Principal and Special inspections
- Ensure the service adopts best practise through benchmarking with top performing providers to ensure the council meets the top performing banding for the DfT annual self-assessment returns
- Represent the council externally, both professionally and technically to lead and influence the development of projects, service standards and specifications, as required
- Liaise with MPs, Members and officers of the council, Statutory bodies and representatives of other external organisations and members of the public, as required
- Use a Continued Professional Development approach to ensure that your career development, gaining the appropriate knowledge, understanding is maintained in line with nationally recognised civil and structural engineering professional institution requirements

In this job you will need

You must be able to demonstrate the following essential requirements: -

- Chartered Engineer (C.Eng.) and Degree in Civil or Structural Engineering.
- Detailed understanding on the Well Managed Highway Infrastructure: A Code of Practise: Part A and Part C
- Knowledge of all relevant legislation, regulations, codes of practice, processes and techniques relating to all aspects of highway structures asset management and whole life costing and planning
- Demonstrable experience of carrying out AutoCAD design, NEC specification, procurement, budget and site management of contractors to undertake a range of highway structures schemes
- Demonstrable experience of operating in a highway engineering environment, including responsibility for policy and strategy development, asset data management and project management
- Experience of developing and implementing effective and meaningful service/business plans and achieving clear quality standards, targets and outcomes
- A detailed understanding of the value and use of IT databases and new technologies in improving services and modernising working processes
- Possess excellent communication and decision-making skills with the ability to break down technical or other problems and deliver innovative and value for money solutions that positively impacts within the service
- Hold a current driving licence, carry small equipment and be able to access a range of sites throughout the borough, in all weathers that may include the need to work at height, use of ladders, working in or above water and descending into access chambers.

Our culture

For us, it's not just about all we achieve as an organisation, but how we do it. Therefore, all employees are expected to display our **Be Wigan** behaviours.

Be Positive... take pride in all that you do

Be Accountable... be responsible for making things better

Be Courageous... be open to doing things differently

Individuals with line management responsibilities are also expected to ...

Inspire... lead by example and help others to see the big picture

Care... show genuine concern for people as individuals and value their contributions

Engage... I connect with others both within and beyond the organisation

Staff Deal

Our Staff Deal is an informal agreement with all staff. It outlines what you can expect from us, and in return what we expect from you

Our part

- Provide strong, honest and visible leadership
- Reward your commitment and hard work
- Care for your health and well being
- Listen to you and put your ideas into action
- Support you to give something back
- Offer opportunities to learn and grow
- Be one team, one council
- Believe in you

Your part

- Listen, be open, honest and friendly
- Be efficient, flexible and professional
- Care for your health and stay active
- Tell us how we can improve
- Give something back whenever you can
- Take opportunities to learn and grow
- Be one team, one council
- Believe in yourself and our borough