**Job Description**

***Assistant Bridge Engineer***

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| **Service:** | Highway Operations and Design | **Team:** | Bridges Design Team |
| **Location:** | County Hall, Preston |
| **Salary range:** | £32,062 to £36,363 | **Grade:** | G7 |
| **Reports to:** | Principal Engineer/Lead Engineer |  |  |

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| **Job Purpose** |
| You will work within the Bridges Design team on a range of schemes at various project stages (listed below). You may also be assisting other colleagues on large scale projects.The core duties of this role are:1. Ability to apply judgement and analysis to identify solutions to a variety of bridge or retaining wall engineering tasks, working independently on smaller schemes and/or supporting senior colleagues more complex schemes.
2. Assist more senior engineers in ensuring the delivery of bridge capital or maintenance projects to quality, time, and budget.
3. Producing bridge/retaining wall analysis or assessment calculations to recognised codes of practices.
4. Preparation of surveys, drawings, schedules, and documents which form part of the works information including specifications and contract documents.
5. Preparation of works costs estimates in advance of construction.
6. Working in a team environment and effectively liaising with other specialists who are contributing to the engineering solution.
7. Undertaking inspections and surveys.
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| **Accountabilities/Responsibilities** |
| 1. Using appropriate structural design/assessment standards, code of practices and guides to design new highway structures or assess the capacity of existing assets.
2. Using industry standard specifications, guidance and technical analysis software including the use AutoCAD for producing drawings.
3. Assisting senior colleagues and project managers by carrying out tasks.
4. Record and monitor costs during the design process and report on the budget position.
5. Communicate with others, share information, build relationships, and suggest improvement to current ways of working which benefit service delivery.
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| **Other** |
| * **Equal Opportunities**

We are committed to achieving equal opportunities in the way we deliver services to the community and in our employment arrangements. We expect all employees to understand and promote this policy in their work. * **Health and safety**

All employees have a responsibility for their own health and safety and that of others when carrying out their duties and must help us to apply our general statement of health and safety policy. * **Customer Focused**

We put our customers' needs and expectations at the heart of all that we do. We expect our employees to have a full understanding of those needs and expectations so that we can provide high quality, appropriate services at all times. |
| **Our Vision** |
| We are building a better Lancashire where everyone can live their best life through stronger communities, a growing economy and high-quality public services. |
| **Our Values** |
| **We expect all our employees to demonstrate and promote our values:*** **Supportive**

We are supportive of our customers and colleagues, recognising their contributions and making the best of their strengths to enable our communities to flourish.* **Innovative**

We deliver the best services we possibly can, always looking for creative ways to do things better, putting the customer at the heart of our thinking, and being ambitious and focused on how we can deliver the best services now and in the future.* **Respectful**

We treat colleagues, customers and partners with respect, listening to their views, empathising and valuing their diverse needs and perspectives, to be fair, open and honest in all that we do.* **Collaborative**

We listen to, engage with, learn from and work with colleagues, partners and customers to help achieve the best outcomes for everyone. |

**Person Specification**

***Assistant Bridge Engineer***

All the following requirements are essential unless otherwise indicated by \*

Your ability to meet the job requirements will initially be assessed by the information provided on your application but further assessment will be undertaken at interview and, in some cases, by using other types of assessment(s).

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| **Qualifications** |
| • Recognised vocational qualification in civil and/or structural engineering with some practical experienceOR• Graduate in civil and/or structural engineering OR• Working towards a professional qualification in civil and/or structural engineering with practical experience OR• Technical training in civil and/or structural engineering through experience |
| **Experience**  |
| • Experience of working independently within recognised highway structures design/assessment or construction standards, codes of practice and guidelines or a willingness to develop in this area. This may include using specialist equipment or software. You may have other experience that is transferrable to this role. |
| **Essential knowledge, skills & abilities** |
| • Some knowledge of engineering design, construction standards, equipment and/or specialist software relevant to the discipline.• Experience of working independently as part of a team to deliver projects and undertake design work.• Analytical skills.• Ability to clearly explain technical issues to non-technical users.• Empathy and sensitivity to the needs of individual customers.• Ability to work in a team and to build and maintain effective working relationships and networks. |
| **Other essential requirements** |
| * Commitment to equality and diversity.
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| * Commitment to health and safety.
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| * Always display the LCC values and behaviours and actively promote them in others.
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| * This is an essential car user post.

*You will be required to provide a car for use in connection with the duties of this post and must be insured for business use*. *In certain circumstances consideration may be given to applicants who, because of a disability, are unable to drive.** UK citizen or have a right to work in the UK.
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