

HIGHWAY SAFETY ENGINEER

Role Profile



Title	Highway Safety Engineer	
Grade	GRADE G	
Reference:	N509a28318	
Reports to:	Senior Traffic Engineer	
Work style Definition	Fixed base office worker	
Job Type:	Professional	
Primary purpose of role	The evaluation and lead on formal road safety audit of highway improvement schemes during design, at the end of construction and post-construction, to identify road safety problems or concerns and to suggest measures to eliminate or mitigate any concerns. Lead on ensuring Plymouth Highways processes and procedures are compliant with Construction Design and Management Regulations and responsibilities and H&S requirements. Assist with the reduction of collisions on the network.	
Key accountabilities and key measures	Role outcomes <ul style="list-style-type: none"> ▪ Lead on road safety audits for the Authority. Undertaking the role of Audit Team Leader, for a wide variety of highway scheme types and customers, ranging from major projects to minor traffic management schemes. (60%) ▪ Undertake other highways audits including – user, mobility and accessibility, DDA compliance. (5%) ▪ Lead on the development, Training and Management of PCC Minor Schemes Safety Assessment (MSSA). (5%) ▪ Lead on detailed collision analysis, problem identification, to support the Annual Collision Investigation & Prevention Review and the development of appropriate solutions / remedial measures to form the Annual Plan for this area of Highways (10%) 	Role measures <ul style="list-style-type: none"> ▪ RSA's are undertaken in line with the City Councils Road Safety Audit Policy and Procedure. ▪ Other audits are undertaken to safeguard the City Council and ensure compliance with current legislation and standards. ▪ All staff with design and maintenance responsibility are trained and skilled in undertaking MSSA's ▪ Schemes are identified and delivered that directly contribute to the reduction of personal injury collisions on the network in order to achieve set performance indicators ▪ All Highways processes and design is assessed, risk rated and compliant with H&S and CDM regulations ▪ Stakeholders are provided with technically correct and appropriate

	<ul style="list-style-type: none"> Lead on the formulation, review and updating of CDM processes for the entire Highways Section. (5%) Lead on production and management of safety assessments, policies, risk assessments and Safer Systems of Work for the entire Highways Section. (10%) Provide expert safety related technical advice to a wide spectrum of stakeholders including supporting on Road Safety education initiatives (5%) 	evidence and advice.
Key activities	<ul style="list-style-type: none"> Lead on the full range of safety audits from inception level through to post-delivery, undertaken both in a desktop and a site environment, for a broad base of clients including Plymouth Highways, PCC Strategic Planning & Infrastructure, other PCC clients and third party developers. Audits will need to ensure that any schemes or developments on the network do not impact adversely on safety and conversely wherever possible, increase safety for users of the network. (40%) Detailed technical reports for Road Safety Audits, including consideration of any subsequent designer comments, which includes meeting with 3rd party designers to negotiate and agree ways forward. This will include visiting site in live traffic and work site environment in all weather conditions (10%) Manage and make recommendations requests for departures from standards or policies. (5%) Dealing with clients and stakeholders to ensure that agreed service level requirements are achieved and subsequent payments, recharges/income generation is made for service provided (circa 50k). (5%) Ensuring that time recharging performance targets are met for team, ensuring the Highway Safety Team is self-funding. (5%) Lead on developing a procedure for Plymouth Highways to self-risk assess minor schemes (Minor Scheme Safety Assessments) that would not usually be considered for a formal safety audit and ensure that process is kept up to date and training is conducted and refreshers undertaken. Develop and implement audits and procedures to ensure safe and effective design including User, Mobility & Maintenance etc. (5%) Assist with the Annual Collision Investigation and Prevention (CIP), investigate any subsequent actions and progress any associated design studies. (10%) Lead of the development and review of policies and procedures relating to CDM & Health & Safety for the Service ensuring the legal compliance and discharge of duties appropriately. (20%) Carry out other duties appropriate to the grade of the post 	

Essential qualifications/knowledge	<ul style="list-style-type: none"> ▪ Currently qualified to fulfil role of Lead Road Safety Auditor ▪ Certificate of Competency in Road Safety Audit ▪ Extensive knowledge of Design Manual for Roads and Bridges (DMRB) - HD 19/15 ▪ RoSPA Accident Investigation and Prevention course completed ▪ HND or equivalent in Civil Engineering, or able to evidence ability at an equivalent level ▪ Strong working knowledge of highways legislation, design standards and best practice, including Traffic Signs and General Directions (TSRGD), Manual for Streets (both), DMRB, Specification for Highways Works ▪ Current Driving Licence ▪ Health and Safety Qualification(s) (e.g. NEBOSH, IOSH Managing Safely)
Desirable qualifications/knowledge	<ul style="list-style-type: none"> ▪ Membership of Society of Road Safety Auditors (SoRSA) ▪ Membership of an Highway related institute (ICE, IHE, CIHT) ▪ Current Driving Licence
Essential experience	<ul style="list-style-type: none"> ▪ Significant experience in road safety engineering and road safety audit. ▪ Demonstrable experience as Team Leader role for Road Safety Audit ▪ Significant experience processing, analysing and reporting data. ▪ Ability to manage a range of projects through to completion, on budget and within set time constraints. ▪ Significant experience of dealing with stakeholders using effective interpersonal, influencing and negotiation skills. ▪ Significant experience of delivering a casualty reduction programme achieving set financial rates of return (cost v benefit) which contribute to the achievement of an overarching target of road casualty reduction in the city. ▪ Demonstrable skill of dealing with potential high pressure/emotional situations when they arise which can include being involved in the investigation of fatal and serious road collisions including assisting the police with enquiries and analysis following such an event including attending court as an expert witness as required.
Desirable experience	<ul style="list-style-type: none"> ▪ Experience of leading a team ▪ Dealing with external/third party client services requests and managing
Essential skills	<ul style="list-style-type: none"> ▪ Excellent written and oral communication skills ▪ Excellent IT skills, including MS Office and database management systems ▪ Ability to apply specialist knowledge to respond to complex enquires from a range of stakeholders. ▪ Demonstrable skill of dealing with potential high pressure/emotional situations when they arise which can include being involved in the investigation of fatal and serious road collisions including assisting the police with enquiries and analysis following such an event including attending court as an expert witness as required.

Corporate standards

- In accordance with Council policies and guidance on information management and security, it is your personal responsibility for data protection, client confidentiality and information governance.
- Act at all times in accordance with appropriate legislation and regulations, codes of practice, the provisions of the Council's constitution and its policies and procedures.
- Work within the requirements of the Council's Health and Safety policy, performance standards, safe systems of work and procedures.
- Undertake all duties with due regard to the corporate equalities policy and relevant legislation.