Post title:	Traffic Management and Road Safety Engineer
Grade:	I,JK
Responsible to:	Team Leader Traffic Engineering
Staff managed:	None
Directorate:	Environment
Service:	Highways and Transportation
Date of issue:	January 26

Job context

- The Traffic Engineering Team forms part of the Network Strategy Group within the Highways and Transportation Service Unit. The Traffic Engineering Team's core functions are:
- To deliver capital funded local safety schemes to reduce the number and severity of casualties arising from road collisions
  - To undertake road safety audits on highway improvements
  - To carry out fatal collision inspections and reports
  - To produce and update traffic management and road safety engineering policy
  - To carry out speed limit assessments and draft traffic regulation orders
  - To carry out reactive repairs to street nameplates
  - To improve the efficiency of traffic signal installations in North Yorkshire by addressing congestion and safety issues at problem locations
  - To maintain and improve the condition of existing traffic signals installations and monitor performance of the traffic signals maintenance contractor
  - To provide parking expertise and lead on the delivery of high-profile parking projects
- The post will be based at County Hall in Northallerton.
  Some out of normal office hours may be necessary from time to time (e.g., Parish Council meetings).

Job Purpose:	**To identify and develop Local Safety and Collision Prevention Schemes. To undertake Road Safety Audits and Fatal Collision Inspections. To review speed limits and draft traffic regulation orders.**
Operational management:	<u>Entry level accountabilities</u> • Contribute to the identification and investigation of high-risk accident locations and routes and prepare and consult on local safety schemes. • Contribute to the preparation and consultation of preliminary design of schemes within the Integration Capital programme. • Assist in undertaking Road Safety Audits/Cycle Audits/Pedestrian Audits for highway schemes and new developments. • Assist the Senior Engineer to carry out speed limit assessments • To contribute to the reactive repairs to street nameplates • Assist, as necessary with the design of traffic engineering measures, including traffic signals, traffic management and parking studies. • To contribute to the preparation of traffic sign design and schedules. • Actively promote and develop the service's contribution to corporate priorities. • Assist in ensuring schemes comply with the Local Transport Plan and supplementary documents.

	Top level accountabilities • Identify and investigate high risk collision locations and routes and prepare and consult on local safety schemes. • Consider, prepare and consult on the design of schemes within the Integrated Capital programme. • Undertake Road Safety Audits/Cycle Audits/Pedestrian Audits for highway schemes and new developments. • Contribute with the Senior Engineer to carry out speed limit assessments and draft traffic regulation orders • To contribute to the reactive repairs to street nameplates • Contribute, as necessary with the design of traffic engineering measures, including traffic signals, traffic management and parking studies. • Prepare traffic sign design and schedules. • Undertake fatal collision inspections. • Actively promote and develop the service's contribution to corporate priorities. • Ensure schemes comply with the Local Transport Plan and supplementary documents.
Resource management:	Entry level and Top level accountabilities • Assist and contribute with monitoring scheme budgets, liaising with partners as required.
Partnerships:	Entry level • Liaison with representatives from the Local Area Office relating to the delivery of schemes in the Integrated Transport Capital Programme. • Liaise with contract partners, colleagues, members, and other stakeholders to ensure appropriate resolutions are achieved. Top level accountabilities • Represent the County Council, as required, at meetings with the public and with representatives from Parish Councils.
Strategic management:	Top level accountabilities • Assist in the drafting and development of traffic management and road safety engineering policy.
Communications:	Entry level • Prepare draft responses to correspondence Top level accountabilities • Respond to general correspondence within the Council target.
Systems and information:	Entry level accountabilities • Assist with the preparation of Committee reports and other documentation. Top level accountabilities • Prepare Committee reports and other documentation.

Person Specification:	
Essential	**Desirable**
Knowledge and Experience Entry level requirements • Working knowledge of legislation relating to Traffic Signs and Lines and Traffic Calming. • An understanding of local government administrative and financial procedures. • Use of AutoCAD. • Collision Investigation Studies and Safety Schemes including Traffic Calming.	Entry: • Understanding of Traffic Regulation Order procedures. • Preparation of Road Safety Audits. • Experience using KeyLINES and KeySIGNS

Additional Top Level • Working knowledge of legislation relating to Traffic Signs and Lines and Traffic Calming. • Understanding of Traffic Regulation Order procedures. • An understanding of local government administrative and financial procedures. • Substantial post qualification experience. • Use of AutoCAD with KeyLINES and KeySIGNS • Collision Investigation Studies and Safety Schemes including Traffic Calming. • Preparation of Road Safety Audits. • Substantial working knowledge of implementing Traffic Regulation Orders	
Occupational Skills • Excellent oral and written communication skills. • Customer care skills. • Problem solving and the ability to find practical solutions. • Analytical skills. • Excellent organisational skills. • ICT skills including the use of a number of different software packages, including Microsoft Office. • Ability to work as a member of a technical team.	
Behaviours • **link**	
Professional Qualifications Entry level requirements • ONC in Civil Engineering or equivalent. • Undertaking year 1 of HND/C in Civil Engineering or equivalent. Additional Top Level • ONC in Civil Engineering or equivalent. • HND/C in Civil Engineering or equivalent	Top Level Associate Membership of relevant Institution.
Other Requirements • Motivated and reliable. • Ability to travel for work purposes.	

Career progression:

- At NYC we value our employees, and as part of this we can provide wider opportunities to progress in your career. Through discussion with your manager identify areas of interest and consider avenues to progress to them, e.g. apprenticeships and work shadowing/coaching.
- As a large council we have a range of roles, across our services, and can provide a wealth of career and development opportunities to help our employees find fulfilling career development opportunities.

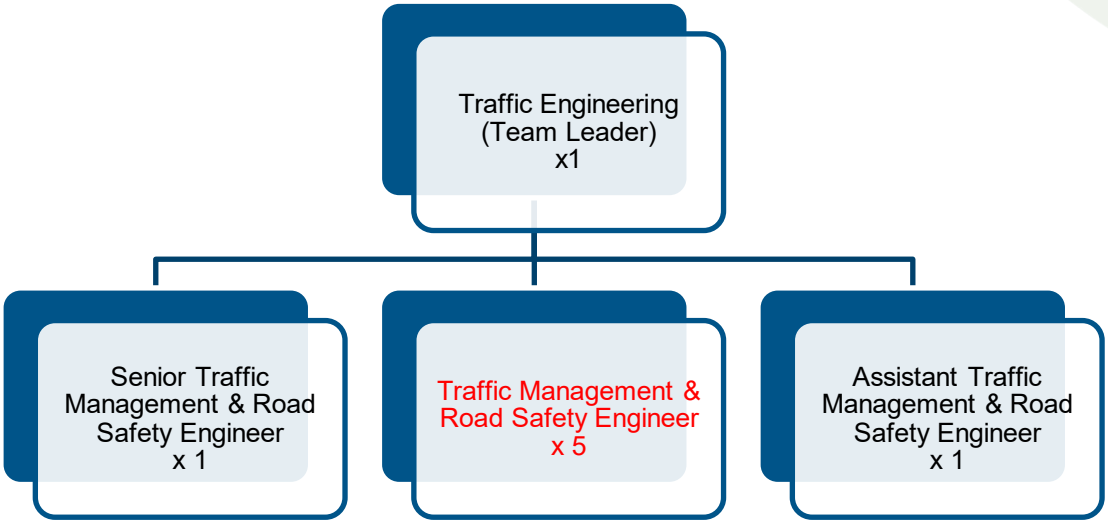
- **IMPORTANT NOTE (applies to all career graded posts):** ***All moves through the career grades require assessment by the manager determining knowledge and skills met, along with gaps in the service becoming available.***

This post includes progression based on a career scheme under which specific knowledge, experience training and/or qualifications are a requirement for movement between particular grades. In the case of this post, the requirements are as follows:

ENTRY LEVEL - The post holder will have successfully completed the Civil Engineering NC and will then be enrolled on the HND/C in Civil Engineering.

TOP LEVEL – To enable progression to Grade JK the post holder will have successfully completed the Civil Engineering ONC and HND/C qualification. The post holder will be assessed by the Team Leader Traffic Engineering to ensure they are undertaking the Grade I tasks fully, meeting the Person Specification criteria and have the required technical experience prior to progressing to Grade JK

Structure



NB – Assessment criteria for recruitment will be notified separately.

Optional - Statement for recruitment purposes: You should use this information to make the best of your application by identifying some specific pieces of work you may have undertaken in any of these areas. You will be tested in some or all of the skill specific areas over the course of the selection process.