

Traffic Technologist

The City of Guelph is a vibrant community with over 120,000 people located in the heart of Southern Ontario, just one hours driving distance from Toronto. Set in a picturesque natural setting, Guelph is known for its rich architectural heritage, growing economy and excellent quality of life - all good reasons to consider a career in this beautiful city.

Job summary

Resumes are being accepted for the position of **Traffic Technologist** with the Engineering and Capital Infrastructure Services Department, Transportation Services Division. Reporting to the Supervisor, Traffic Engineering, the successful candidate will investigate traffic service requests and provide technical guidance as needed related to traffic engineering/operations with a focus on quality customer service and continuous improvement processes. Guided by the goals and objectives of the City of Guelph Strategic Plan and committed to the Corporate Values of integrity, excellence and wellness, the candidate will aid in the achievement of the Community Vision – to be the city that makes a difference.

Duties

- Investigate and respond to traffic service requests, resident concerns and resolving general deficiencies in the roadway network.
- Validate and analyze vehicle and pedestrian collision information to determine possible deficiencies in the roadway network/system and initiate recommendations for remedial action.
- Assist with monitoring and maintaining the daily operation of the City's traffic signals and signal systems.
- Develop signal timing and signal control strategies to facilitate traffic flow using computer software techniques. Using software programs, perform statistical analysis of traffic data and provide recommendations for traffic operational improvements.
- Review traffic signal complaints, perform related traffic investigations and assist with recommending remedial action with regard to vehicular delay and pedestrian crossing concerns.
- Determine temporary traffic control requirements for major capital works projects and special events ensuring the safe and efficient movement of both vehicular and pedestrian traffic.
- Assist with reviewing/developing signal plant designs based on acquired knowledge and traffic engineering principles.
- Provide technical guidance and direction to various stakeholders.
- Prepare technical reports for Council/Committees of Council, including presentation and answering of questions.
- Process oversized load permits.
- Prepare monthly Traffic By-law amendments for Council.
- Conduct field observations as required.
- Provide back up support to crossing guard operations as needed.
- Perform other related duties as assigned.

Qualifications

- Experience related to the duties listed above, normally acquired through the completion of a three year diploma in Transportation Engineering or closely related field and 1 – 2 years experience working within traffic engineering or operations with an emphasis on traffic signal and traffic signal system activity, preferably in a municipal setting. Candidates with an equivalent combination of education and experience may be considered.
- Must possess a valid Class “G” driver’s licence with a good driving record. Successful candidates will be required to provide a current driver’s abstract prior to their start date to confirm their licence is held in good standing and that it has not been suspended or revoked under the Highway Traffic Act (HTA) or Criminal Code of Canada in the last 5 years. The City of Guelph will take into consideration the number of demerit points and/or nature of the infractions to determine if it meets our requirements.
- Knowledge of the Ontario Traffic Manuals (OTM) and Highway Traffic Act (HTA).
- Excellent interpersonal skills and the ability to work well with City staff and the public.
- Detail oriented and with a high attention for accuracy.
- Excellent communication skills with the ability to communicate with all levels of staff, stakeholders and the general public.
- Intermediate skills in Microsoft Office (Word and Excel).
- Experience with engineering software applications (e.g. Autocad, TES, ArcGIS) would be an asset.
- Ability to prepare reports and present to an audience.
- Excellent organizational skills with the ability to prioritize work, manage multiple tasks and meet deadlines in a demanding environment.
- A satisfactory police record check (including vulnerable sector screening) would be required at time of offer.
- Knowledge of the Occupational Health and Safety Act.
- Eligibility for membership in OACETT is considered a definite asset.

Rate

\$29.81 - \$36.61 per hour

How to apply

Qualified applicants are invited to apply using our **online** application system by **Monday December 3, 2018**. Please note all applicants must complete the online questionnaire specific to this position at the time they submit their resume and cover letter in order to be considered. Proof of qualifications will be requested at the interview stage.

Please visit the job posting listed on our careers page and click on the “Apply for this job” button. Instructions will follow.

The City of Guelph is an equal opportunity employer which values diversity in the workplace. We are therefore happy to accommodate any individual needs in keeping with the Ontario Human Rights Code and the Accessibility for Ontarians with Disabilities Act. If you require an accommodation in order to participate in the hiring process, please contact us to make your needs known in advance.

Personal information collected through the recruitment process will be used solely to determine eligibility for employment. We thank all candidates in advance; however, only those being considered for an interview will be contacted.

