

## **Traffic Signal 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.

### **Position Summary:**

Resumes are being accepted for the position of Traffic Signal Technologist with the Engineering and Capital Infrastructure Services Department, Transportation Services Division. The successful candidate will be responsible for addressing and resolving current and anticipated deficiencies in the traffic signal system, determining where new traffic signal locations are warranted, implementing other traffic control, such as reduced speed zone signing and responding to other transportation concerns/needs of various stakeholders. 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.

### **Hours of work:**

35 hours per week Monday to Friday between the hours of 8:30 am and 4:30 pm.

### **Duties:**

- Monitor and maintain 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.
- Assess signal system performance by conducting various field observations and studies.
- Review traffic signal complaints, perform related traffic investigations and recommend remedial action with regard to vehicular delay and pedestrian crossing concerns.
- Review/develop signal plant designs based on acquired knowledge and traffic engineering principles.
- Interact either verbally or in writing with the general public, City Councillors, or other vested stakeholders.
- Co-ordinate data collection activities, analyze transportation data, and compile statistical records.
- Assist with the investigation of miscellaneous traffic issues and conduct field observations as required.
- Assist with the design and implementation of temporary traffic control measures for construction projects and special events ensuring the safe and efficient movement of both

- vehicular and pedestrian traffic.
- Prepares correspondence, reports, assists Supervisor in the preparation of associated RFP's and tender specifications and by-law amendments as required.
- Performs other related duties as required.

### **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 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.
- Demonstrated knowledge of the Ontario Traffic Manuals (OTM) and Highway Traffic Act (HTA).
- Eligibility for membership in OACETT is considered a definite asset.
- Must be a team player with strong interpersonal skills and the ability to work well with City staff and the public.
- Detail oriented and accurate; possess excellent, oral and written communication skills.
- Intermediate computer skills in Microsoft Office (Word and Excel) and relevant computerized engineering software applications (ie. AutoCAD).
- Must have proven analytical, report writing and presentation skills.
- Have strong 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.

### **Rate of pay:**

\$28.91 - \$42.72 per hour (based on 35 hour per week plus benefits)

### **How to Apply:**

Qualified applicants are invited to apply using our online application system by **Sunday January 8, 2017**. 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.

To access the online application system, please visit the job posting listed on <http://guelph.ca/employment-careers/> and click on the "Apply for this job" icon. 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.

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