



About the City of Hamilton

Contribute to the City of Hamilton, one of Canada's largest cities - home to a diverse and strong economy, an active and inclusive community, a robust cultural and dining scene, hundreds of kilometres of hiking trails and natural beauty just minutes from the downtown core, and so much more. Join our diverse team of talented and ambitious staff who embody our values of sensational service, courageous change, steadfast integrity, collective ownership and being engaged empowered employees. Help us achieve our vision of being the best place to raise a child and age successfully.
#BeTheReason

JOB POSTING

JOB ID #: 17986

Traffic Signal Technologist
Public Works
Transportation Operations & Maintenance
1375 Upper Ottawa St.

NUMBER OF VACANCIES: 1

UNION/NON-UNION: CUPE Local 5167 Inside

HOURS Of WORK: 35.00 per week

GRADE: L

SALARY/HOUR: \$38.881 - \$44.183 per hour

Note: See appropriate Collective Agreement or the Non-Union Salary Range for details.

STATUS/LENGTH: Full-Time Regular

Job Description ID #: A9188

Vaccine Verification – As a condition of employment you are required to provide proof that you are fully vaccinated or provide proof of valid exemption satisfactory to the employer prior to your start date. You must acknowledge and agree to comply with any future vaccine policy requirements as an ongoing condition of employment at the City of Hamilton.

SUMMARY OF DUTIES

Reports to the Project Manager. Undertakes calculations to review roadway capacity, collision rates and adjusts signal operations and timing as required. Designs and evaluates new and existing traffic signal locations. Performs safety studies and analysis as well as proactive investigations. Recommends changes,

develops recommendation reports for various committees & departments. Collects and analyzes traffic data related to safety & road use management. Assists the Project Manager regarding traffic issues that arise.

GENERAL DUTIES

Under the supervision or direction of the Project Manager:

Prepares correspondence to Councillors, other departments, the public, outside agencies, contractors and other professionals in the private sector for senior staff.

Receives requests and complaints by telephone, email or traditional mail from the public, Councillors and their administrative assistants, contractors, lawyers and internally from supervisors regarding traffic operations, road congestion, intersection control and access issues.

Undertake the review of traffic impact studies, Identify, develop and analyse alternative solutions to traffic problems; and recommends best course of action. Recommend improvements which may include installation of traffic controls, review of traffic signal phasing and timings.

Directs, co-ordinates and assigns tasks directly to Traffic co-op students. Checks their work for correctness, monitors and evaluates their performance and relates same to supervisory staff.

Composes technical reports, correspondence and compiles statistics.

Conducts specialized studies and/or field investigations related to traffic collisions, speeding, delays and roadway capacity. Makes recommendations based on observations.

Evaluates and troubleshoots traffic signal timing operation and progression in the field, making necessary changes to optimize traffic flow and safety.

Conduct intersection analysis and corridor reviews using softwares.

Reviews and recommends improvements to traffic, pedestrian and bike signals in accordance with the Accessibility for Ontarians with Disability Act (AODA).

Undertake duties as assigned within the Advance Traffic Management Center, including monitoring, signal modification and implementation, special event assignments related to signal operation and monitoring of daily traffic conditions.

Ensure compliance with Provincial and Federal statutes and regulations and Municipal by-laws and policies, with specific regard for the Occupational Health and Safety Act.

Performs other duties as assigned which are directly related to the major responsibilities of the job.

QUALIFICATIONS

1. Proven knowledge of the principles, theories and practices to design and operation of traffic signals and systems normally acquired from a community college or university in a program specifically oriented to traffic engineering and operations or a combination of relevant education and related work experience.
2. C.E.T. designation preferred.
3. Must be a competent or qualified person for the approval of traffic signal designs in accordance with the Ontario Traffic Manual Book 11 and 12 and other applicable guidelines.
4. Knowledge of technical/engineering, manufacturing, installation and maintenance practices relevant to the work of the group.
5. Demonstrated experience in intersection control, traffic signals, traffic signal monitoring systems.

6. Experience in a computerized environment with proficiency in Microsoft Office Word, Excel and Outlook. Working knowledge of specialized traffic operations and planning programs such as Synchro would be an asset.
7. Knowledge of Occupational Health and Safety Act, AODA, Ontario Highway Traffic Act and relevant municipal statutes.
8. Knowledge of Ontario and National Manuals of Uniform Traffic Control Devices (MUTCD), Ontario Traffic Manual, Transportation Association of Canada and relevant technical manuals.
9. I.M.S.A. Certification would be an asset.
10. Working knowledge of specialized traffic operations and planning softwares such as Synchro.
11. Possess valid Class "G" Driver's Licence and provision of own car.

THIS POSITION REQUIRES A VALID CLASS "G" DRIVER'S LICENCE AND PROOF THEREOF IS REQUIRED AFTER HIRE.

Disclaimer:

Be advised that Human Resources frequently audits resumes of internal/external applicants to ensure/validate information provided is consistent and trustworthy. Falsification of information provided at any time throughout the recruitment process may be grounds for disqualification, and for internal applicants, subject to discipline up to and including termination.

Terms:

The City is an equal opportunity employer that is committed to inclusive, barrier-free recruitment and selection processes. Consistent with our Values and Corporate Culture Pillars, the City of Hamilton is committed to providing equitable treatment to all with respect to barrier-free employment and accommodation without discrimination. The City will provide accommodation for applicants in all aspects of the hiring process, up to the point of undue hardship. If you have an accommodation need, please contact Human Resources as soon as possible to make appropriate arrangements.

We invite you to visit the departmental webpage to obtain further information on the culture and business of this department.

The incumbent shall comply with all Health and Safety Policies and Practices for this position and the workplace.

It is the responsibility of the applicants to ensure that their application reaches Human Resources by the closing date or they may not be considered. It is also the responsibility of applicants to supply qualifications, licences and related experience relevant to the qualifications outlined above for this competition as directed. On the basis of the criteria set out above, this posting is open to all applicants.

The statements made by me are true, complete and correct to the best of my knowledge. I understand that any falsification of statements, misrepresentations, deliberate omission or concealment of information may be considered just cause for discipline, up to and including termination for internal applicants and disqualification for external applicants.

External Posting

Please apply on or before: 2021-12-08