



## POSITION VACANCY

Call Number:	<b>2021 - 13</b>
Position:	<b>Traffic and Parking Technologist</b>
Type of Vacancy:	Permanent
Work Schedule (hours & days):	8:30 am to 4:30 pm, Monday to Friday (35 hour work week)
Hourly Rate:	\$37.38 to \$39.30
Date Posted:	March 3, 2021
Closing Date:	<b>March 19, 2021 at 4:30 p.m.</b>

Full details on this position is attached. To apply, please submit your cover letter and resume at [www.niagarafalls.ca](http://www.niagarafalls.ca) (Select 'Careers and Employment'). Applications must be submitted online and will be accepted until 4:30 p.m. on **Friday, March 19, 2021**.

The City of Niagara Falls is an equal opportunity employer committed to inclusive, barrier-free recruitment and selection processes and work environments. Upon request, the City will accommodate the accessibility needs of applicants under the Ontario Human Rights Code and *Accessibility for Ontarians with Disabilities Act (AODA)* throughout all stages of the recruitment, selection, and interview process. Personal information is collected under the authority of *The Municipal Act* and will only be used to determine suitability for this position. We thank all applicants for their interest, but only those advancing through the selection process will be contacted.

Human Resources

Attachment

**CITY OF NIAGARA FALLS**

**POSITION DESCRIPTION**

**Municipal Works**

This description reflects the general details considered necessary to describe the principle functions of the position identified, and shall not be construed as a detailed description of all the work requirements that may be inherent in such classification.

**POSITION TITLE:** Traffic and Parking Technologist

**POSITION SUMMARY:** Under the direction of the Traffic Planning Supervisor the Traffic and Parking Technologist will perform a variety of traffic and parking related duties.

**DIVISION:** Transportation Services

**EQUIPMENT AND TOOLS USED:** Computer and related software, automatic traffic counters (A.T.R.'s), computerized turning movement board, ramset gun (or equivalent), radar gun and hand tools.

**WORKING CONDITIONS:** Standard Office Environment - 70%  
Outdoors - 30%

- RESPONSIBLE FOR:**
1. Prepare and maintain the computerized Traffic and Parking By-law and the computerized accident system. Prepare the annual collision report complete with statistical analysis and recommendations to mitigate high collision locations.
  2. Develop and maintain the yearly manual traffic counting program. Organize and coordinate with contractors, locations and scope of work related to traffic operations data collection.
  3. Conduct field studies, research, analyze and prepare letters and reports to residents, council and staff. Attend meetings when required.
  4. Review and comment on road occupancy permits with respect to detour routing and Traffic Control Protection Plans provided by Engineering staff or contractors.
  5. Review and approve pavement marking layouts for retrace and construction projects according to approved standards. Update the annual Pavement Marking program.
  6. Provide technical input to Capital works and liaise with contractors, Regional staff, and internal staff for various projects.

7. Review traffic signal designs in accordance with Provincial and Regional criteria. Monitor, maintain, and evaluate traffic signal designs and timings, and implement solutions to problems.
8. Perform statistical analysis related to intersection capacity and make recommendations based on approved engineering methodologies.
9. Review and coordinate Commercial Parking Lot applications to ensure compliance to applicable bylaws.
10. Coordinate approval process for Special Events. Facilitate meetings with applicants and various agencies and internal staff. Ensure appropriate documentation.
11. Perform annual field night inspections of signs to ensure compliance with regulations.
12. Review and approve street hardware applications and various permit applications related to Traffic and Parking
13. Develop, modify, and test parameters, in parking machines and mobile applications, including rate cards, tariff structures and hours of operation. Assist with testing and relocating parking machines in the field to maintain data integrity.
14. Assist in the training of maintenance staff, testing, troubleshooting, and configuration of parking machine, software and mobile applications; including: electric vehicle charging stations, with internal staff and external parties.
15. Assist with modification of parking rates and rate cards for special event, seasonal and/or unplanned events.
16. Monitor and maintain inventory of parking assets. Prepare, analyse and track reports on parking operations and revenues. Provide updates to City website related to parking operations.
17. Schedule and review work of co-op student.

**POSITION REQUIREMENTS:**

Minimum is a three (3) year college diploma in Transportation Engineering Technology.

Eligible for certification as a Certified Engineering Technologist with OACETT

A thorough knowledge and understanding of the Highway Traffic Act and other relevant legislation, TAC, and Ontario Traffic Manuals

Must possess a valid Class "G" Ontario Driver's License.

At least three (3) years related experience.

A working knowledge of computerized traffic engineering applications and methodologies including Synchro, HCS, and other related software.

Revised: February 24, 2021