
CUPE 1287

Job Title:	Traffic Systems Technician		
Job Opening Id:	30097	# Required:	1
Business Unit:	Public Works	Division:	Transportation
Location:	Headquarters Campbell West	Standard Hours:	35.00 / week
Full/Part Time:	Full-Time	Regular/Temporary:	Regular
Salary Grade:	11	Salary Range:	\$ 30.43 - \$ 32.21
Post Date:	2021-11-16	Close Date:	2021-11-29

Serving a diverse urban and rural population of more than 430,000, Niagara Region is focused on building a strong and prosperous Niagara. Working collaboratively with 12 local area municipalities and numerous community partners, the Region delivers a range of high quality programs and services to support and advance the well-being of individuals, families and communities within its boundaries. Nestled between the great lakes of Erie and Ontario, the Niagara peninsula features some of Canada's most fertile agricultural land, the majesty of Niagara Falls and communities that are rich in both history and recreational and cultural opportunities. Niagara boasts dynamic modern cities, Canada's most developed wine industry, a temperate climate, extraordinary theatre, and some of Ontario's most breathtaking countryside. An international destination with easy access to its binational U.S. neighbour New York State, Niagara attracts over 14 million visitors annually, as well as a steady stream of new residents and businesses.

Please note that the Niagara Region requires that all newly hired employees are to be fully vaccinated against COVID-19 as a condition of being hired and provide proof of full vaccination, or provide proof of a bona fide medical or Human Rights Code exemption on a form issued from and approved by Niagara Region.

Your hourly rate of pay will be \$30.43 which reflects Grade 11, Step 1 of the current CUPE 1287 rate table; with the additional market premium of 5.58/hr, and will be paid biweekly via direct deposit. Please be advised that the continuation and value of the additional market premium is subject to an annual review and is not guaranteed.

The Traffic Systems Technician will be required to work in person at the work site and work from home.

JOB SUMMARY

Operates, maintains, and configures Niagara Region's Advanced Traffic Management System (ATMS) and Traffic Camera Monitoring System. Develops and implements traffic signal timings and coordinated signal network plans. Undertakes traffic operational analysis and recommends the installation and modification of traffic control devices to improve traffic safety for all road users and facilitate traffic flow. Maintains various electronic databases for the Traffic Systems and Operations team.

QUALIFICATIONS

EDUCATION

- Successful completion of a 3-year Ontario College Advanced Diploma, in Civil Engineering Technology –Transportation or Transportation Engineering Technology.
- Must be eligible for certification with the Ontario Association of Certified Engineering Technicians and Technologists (OACETT).

- Must be certified or eligible for certification (within 12 months) with the International Municipal Signal Association (IMSA) at Traffic Signals Level I and Level II, and IMSA (Ontario) Practical Guide to Signs & Markings.

KNOWLEDGE/EXPERIENCE

- Minimum 3 years of experience working in traffic engineering (Co-operative work experience may be considered).
- Working knowledge and understanding of traffic signal timing and intersection capacity analysis.
- Working knowledge and understanding of the Ontario Traffic Manuals (OTM).
- Knowledge of the Highway Traffic Act & its Regulations (Ontario).
- Experience with ATMS Traffic Systems software is preferred (e.g. Centrac®).
- Knowledge of CCTV systems and pan-tilt-zoom (PTZ) camera controls is considered an asset.
- Working knowledge of AutoCAD, GIS Arc View and database management are considered assets.
- Additional training in geometric design and human factors engineering is considered an asset.

SKILLS

- Proficiency with Synchro/Sim Traffic Software used in developing timing plans for traffic signal networks is required.
- Familiarity with Centrac® (ATMS) and Video Management software is considered an asset.
- Familiarity and working knowledge with Time Space Diagram software is considered an asset.

SPECIAL CONDITIONS

- Must possess and maintain a valid and unrestricted specified licence for the class of the vehicle operated (Class G).
- Must maintain ability to travel in a timely manner to other offices, work locations or sites as authorized by the Corporation for business reasons.

To view the full job description and requirements, visit our Careers page - **Job Opening #30097**

Uncover the wonder of the Niagara Region and join a team dedicated to meeting tomorrow's challenges.....today!

Let us know why you would be an excellent team member by submitting your online application **no later than November 29th, 2021** before midnight by visiting our 'Careers' page at www.niagararegion.ca. We thank all candidates for their interest however, only those candidates selected for an interview will be contacted.