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<b>Title</b>	: Traffic Systems Technician	<b>Employee Group:</b>	: CUPE 1287
<b>Job Opening Id</b>	: 45685	<b># Required</b>	: 1
<b>Business Unit</b>	: Public Works	<b>Division</b>	: Transportation
<b>Worksite:</b>	: Headquarters Campbell West	<b>Standard Hours</b>	: 35.00 / week
<b>Full/Part Time</b>	: Full-Time	<b>Regular/Temporary:</b>	: Regular
<b>Salary Grade</b>	: 11	<b>Salary Range</b>	: \$ 42.45 - \$ 44.43
<b>Post Date</b>	: 2026-07-09	<b>Close Date</b>	: 2026-07-29

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## LOCATION

Location: Thorold, ON

## IMPORTANT NOTICES

This position receives a market premium of \$8.48/hr. 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 DESCRIPTION

### 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 CentracS® (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.

## **ABOUT US**

Niagara Region serves a diverse urban and rural population of more than 475,000 and is focused on building a strong and prosperous Niagara. Working collaboratively with 12 local area municipalities and community partners, the Region delivers high-quality programs and services that support the well-being of individuals, families and communities. Nestled between Lakes Erie and Ontario, the Niagara peninsula is home to fertile agricultural land, the majesty of Niagara Falls, vibrant modern cities, Canada's most developed wine industry, and communities rich in history, recreation and culture. With a temperate climate, breathtaking countryside and easy access to neighbouring New York State, Niagara attracts more than 14 million visitors each year, along with new residents and businesses. Niagara Region values diversity in background and experience and is committed to building an inclusive workforce that reflects the community it serves, strengthening programs and services across Niagara. While specific qualifications are important for certain roles, we invite individuals from diverse backgrounds to apply. Our recruiters will evaluate your suitability for the role.

## **HOW TO APPLY**

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

We thank all candidates for their interest however, only those candidates selected for an interview will be contacted.

We confirm that we do not use AI in screening of applicants, and this position is an existing vacancy.

To view the full job description and requirements, visit our Careers page linked here: **Job Opening # 45685**

Let us know why you would be an excellent team member by submitting your application by **no later than July 29, 2026, before midnight** by visiting our 'Careers' page at [www.niagararegion.ca](http://www.niagararegion.ca).

### **Posting Link:**

[https://careers.niagararegion.ca/psp/careers/EMPLOYEE/PSFT\\_HR/c/HRS\\_HRAM\\_FL.HRS\\_CG\\_SEARCH\\_FL.GBL?Page=HRS\\_APP\\_JBPST\\_FL&Action=U&FOCUS=Applicant&SiteId=1002&JobOpeningId=45685&PostingSeq=1](https://careers.niagararegion.ca/psp/careers/EMPLOYEE/PSFT_HR/c/HRS_HRAM_FL.HRS_CG_SEARCH_FL.GBL?Page=HRS_APP_JBPST_FL&Action=U&FOCUS=Applicant&SiteId=1002&JobOpeningId=45685&PostingSeq=1)