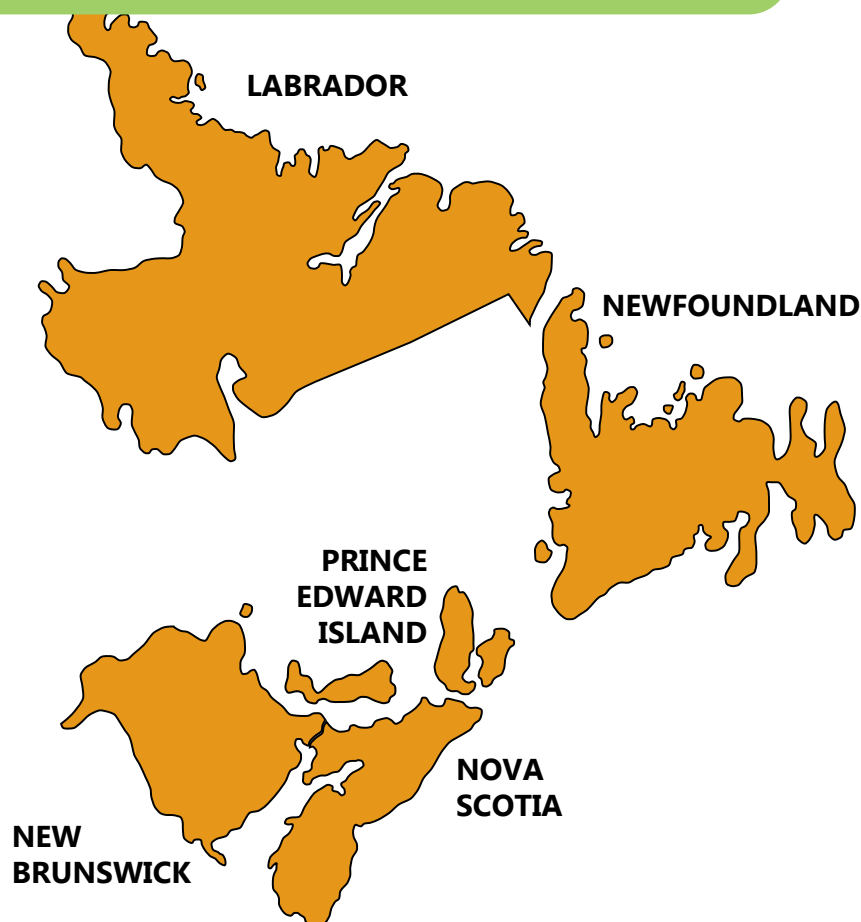


Ontario Trillium Section **NEWSLETTER**

Welcome

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NEWFOUNDLAND and LABRADOR



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President Elect.....Jeffrey Smart

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Regional Director, North.....Larry Sharpe

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Regional Director, Southwest.....David Thompson

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Representing New Brunswick, Nova Scotia, Prince Edward Island and Newfoundland and Labrador

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International Delegate.....Frank Rao

Alternate Delegate.....Shawna Boakes

2026-2027 ONTARIO TRILLIUM SECTION APPOINTMENTS AND COMMITTEES

Advertising.....Jeffrey Smart

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Audit.....Larry Sharpe*

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Events.....Ashley James*

.....**Mario Watson**

.....**Brian Barg**

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Moderators & Programs.....Joe Hendrix

Email: jjhendrixelectrical@gmail.com

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Sheila Maye, Jeffrey Smart and
Ron Whitelock

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ADVERTISING SPACE AVAILABLE

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Quarter Page.....	\$350 / year
Back Page.....	\$250*
Half Page.....	\$550 / year

*Limited to one publication per advertiser plus the yearly advertising subscription fee plus H.S.T.

CONTACT: Jeffrey Smart •
Email: imsaonp2325@gmail.com

PRESIDENT'S MESSAGE

Dear Members:

I trust you have all had an enjoyable spring season. As we transition into the summer months, I am pleased to provide several important updates regarding our Section.

First, we would like to officially welcome our new members from the Atlantic Region following our recent amalgamation. Your Executive Team have been working diligently on by-law updates and Section name change to ensure a seamless integration and to position our expanded Section for long term success.

We are pleased to announce, Kyle Miller, formally a delegate in the Atlantic Section, has accepted the position of Regional Director for the Atlantic Provinces. Congratulations and welcome Kyle! We look forward to filling additional Director position(s) for the Atlantic Provinces from the membership in the near future.

I am also proud to share that Shawna Boakes and Kyle Miller represented our expanded section at the IMSA International Forum and Expo in Spokane, Washington, held July 12–16, 2026. I am confident they represented our best interests on the international stage and look forward to their report being published in our next newsletter.

Additionally, our Certifications and School Coordinator, Rob Decleir, has developed a comprehensive schedule for fall training



PRESIDENT GARY WIMMER

opportunities for our membership. Details are included in this newsletter, additionally, they can be found on our website. Please review and enrol early as these classes fill quickly.

In closing, I hope everyone has the opportunity to enjoy the summer with friends and family and I encourage each member to make the most of the season.

Best regards,

Gary Wimmer,
IMSA Ontario Trillium - President



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UPCOMING EVENTS

Save the Date:

IMSA Ontario Trillium Section West Region Trade Show

Join us for the IMSA Ontario Trillium Section Regional Tradeshow event at the John D. Bradley Convention Centre in Chatham, Ontario.

Date: Wednesday, October 28, 2026

Time: 9:00 a.m. - 3:00 p.m. Room 1A

**Location: John D. Bradley Convention Centre,
565 Richmond Street, Chatham, Ontario, N7M 1R2**

This event is a great opportunity to connect with industry professionals, discover the latest products and services, and network with colleagues from across the Section.

EVENT HIGHLIGHTS:

Vendor table top displays - \$250.00 plus HST

Door prizes

Networking opportunities

Additional agenda details will be shared closer to the event. Updates will be on our website www.imsaontario.com. For further details, please contact Regional Director West, Aaron Swartz, or the Events Coordinator, Ashley James.

Mark your calendar and plan to join us for a day of connection, collaboration, and industry engagement. We look forward to seeing you in Chatham this October!

UPCOMING EVENTS

Fall 2026 Upcoming Online Schools

**Online classes are being planned this Fall
in the following programs:**

- **Roadway Lighting Technician I**
- **Traffic Signal Technician I**
- **Traffic Signal Field Technician II**
- **Traffic Signal Senior Field Technician III**

**Dates for these schools will be published on the Ontario Trillium Section website.
(www.imsaontario.com)**

GENERAL SCHOOL INFORMATION

All Level I and Level II programs are two days in length and commence at 8:00 am and run until 4:00 pm each day. The Level III program will be a one (1) day event. All Certification exams will be completed on-line. Students will need to have access to a laptop or tablet with a working camera in order to complete the exams. Exams will be available for a 12 hour period after the class ends. Students will have 3 hours to complete the on-line exam. All exams are closed book and the student is not to be distracted or confer with others during the exam.

For Level I programs the prerequisite is a Work Zone program and one year of experience. For Work Zone, only the IHSA Traffic Control for Temporary Work Zone or the OTC OTM Book 7 programs are recognized. No other Work Zone programs are currently accepted.

For Level II programs 2 years of experience and a current Level I Certification are the prerequisites.

For Level III program 5 years of experience and a current Level II Certification are the prerequisites.



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CERTIFICATION CORNER

Certification(s) are valid for a three (3) year period of time. After that period, Certification(s) must be renewed in order for them to be valid. Once you are logged into your membership page, you can see the status of your certification(s) under **"My Certification Record"** tab. This tab will display all current and past Certification(s). A fee (\$USD) is required to obtain and renew your Certification(s). A Certification(s) will only be renewed if the proper Certification(s) renewal paperwork has been submitted to IMSA International by the person holding the Certification(s) – Certification(s) renewal does not occur automatically. To keep your Certification(s) valid, renewal forms must be submitted within twelve (12) months of the Certification(s) expiring.

How to Renew a Certification

There are two (2) ways to renew a Certification:

- 1) Continuing Education Credits (CEC)** – Sixteen (16) hours of CEC's are required to renew a Certification. These hours must be obtained during the three (3) years the Certification is valid. These CEC's must also be related to the discipline of the Certification; for example, Traffic Signals for Traffic Signal Certification(s), Roadway Lighting for Roadway Lighting Certification(s).
The above replaces the old TARP point system.
- 2) Auditing** - The certification holder will have one year after the expiration date to reinstate their certification by documenting their hours of training as noted above. If the certification is not reinstated within one year, the individual must renew through the normal certification process by taking the current certification exam at the highest level previously attained and paying the regular certification exam fee. Only the regular certification exam fees will be due and retake of prerequisites will not be required. IMSA International will not recognize any IMSA certificate(s) without an expiration date.

Earning a Higher Certification: If an individual wishes to obtain a Level II Certification then the Level I does not need to be renewed. However, the higher level certification needs to be obtained within twelve (12) months of the lower level Certification expiring.

Payments to IMSA Ontario Trillium Section vs Payments to IMSA International

As we have a lot of new members coming on board in recent months we thought it would be a good time to review the payment process to IMSA Ontario Trillium Section vs the payment process to IMSA International.

IMSA Ontario Trillium Section payments are in CDN funds and the IMSA International payments are in USD funds.

What payments are sent to IMSA Trillium Section?

Schools; vendor booths; advertising

What payments are sent to IMSA International?

New member fees; membership renewals; certification renewals.

If this is still confusing, one way to easily tell where to send your payment is the invoicing format. IMSA Ontario Trillium Section uses the following format: YYYYMMDD0XX.

If you receive an invoice with this sequencing and format, then you can pay this invoice through the ISMA Ontario Trillium website.

Otherwise, the payment is to be made to IMSA International.

As always, if you are unsure where to send the payment, please reach out to our Treasurer, Paul Webster.

NEWS FLASH!

Congratulations

Richard Chaikoff and Thank You for Your Service to IMSA Ontario Trillium Section

By Jeffrey Smart

On July 9th, 2026, Rob Decleir and Jeffrey Smart travelled to Burlington to present Richard Chaikoff, an honorary member, an award to recognize his 33 year contribution to IMSA Ontario Trillium Section as Advertising Chair.

Richard joined IMSA Ontario Trillium Section in the early 1980's. During this time, he served on various committees and was President from 1982 to 1983. After his term of Presidency, Richard held other positions within the Section, but, it was in 1990 he took on the position



RICHARD CHAIKOFF

of Advertising Chair and held that position until 2023. Richard was always successful in securing advertisers for the newsletter, of which they would have the option to advertise on the back page once per year. Richard went about securing advertisers in his quiet, persuasive, friendly manner and was rarely turned down. During our chat, Richard mentioned, "he thoroughly enjoyed doing it."

Both Rob and I were truly honoured, on behalf of IMSA Ontario Trillium Section and its members, to be recognizing such a milestone in volunteer service to a wonderful organization.



NEWS FLASH!

In the spring of 2026, the Atlantic Section was amalgamated into the ISMA Ontario Trillium Section consisting of the Provinces, New Brunswick, Nova Scotia, Prince Edward Island and Newfoundland and Labrador.

We gained approximately 60 members and our President, Mr. Gary Wimmer, would like to extend a warm welcome to each and every one of you and hope you find the Ontario Trillium Section to be an enjoyable, rewarding and educational experience.

As a result of this amalgamation, we are pleased to announce that Kyle Miller is our newest Regional Director for this geographical area. Welcome Kyle!

Your Board of Directors is working hard to ensure that the section is current with our bylaws including investigating a name change to reflect our new geographical area. We anticipate that additional schools and in person events will be held in the Atlantic Region in the future. Also, we anticipate an additional Regional Director will be required.

For any of those new members who have just recently joined our Section and wish to participate further, please reach out to our Membership Chair, Sheila Maye.

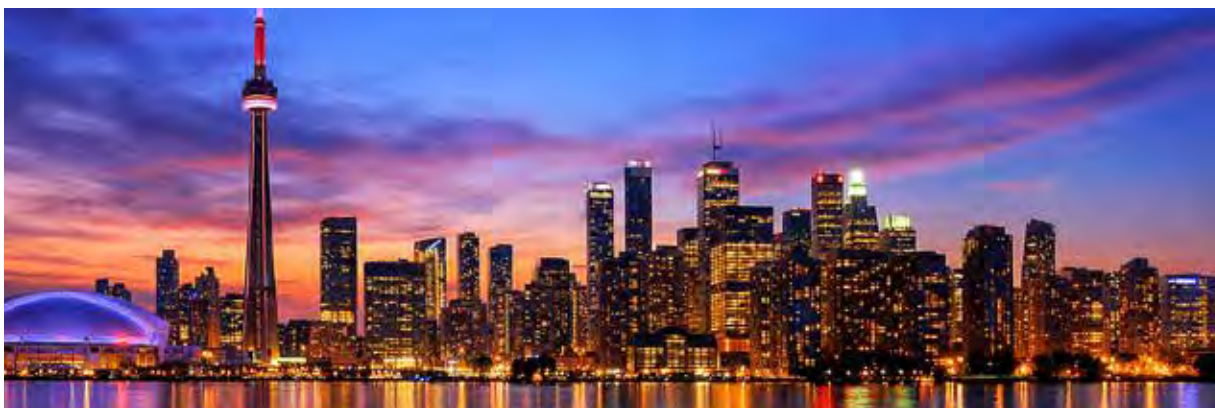
In addition, your newsletter co-coordinators are always looking to obtain industry related articles and/or news events from your area. New advertisers are always welcome and sizes and rates can be found on page 3 of this newsletter.



MEMBERSHIP NEWS

IMSA Ontario Trillium Section on LinkedIn

Our online community continues to grow & gain momentum



Since launching our LinkedIn page in March, we have built a strong start and a growing presence online.

A Great Start on LinkedIn

The IMSA Ontario Trillium Section LinkedIn page has quickly become a valuable way for us to connect with members, students, municipal professionals, industry partners & the broader transportation community.

We are pleased to share that the page has now reached 214 followers. Our overall analytics continue to trend in a positive direction, with post impressions up 225% and profile views up 500%. The page also appeared in LinkedIn searches 10 times during the latest reporting period, helping more people discover the Section & learn about what we do.

This is encouraging progress and a strong sign that our LinkedIn presence is gaining traction. The page gives us another platform to share Section news, promote events & training opportunities, highlight member achievements & support stronger engagement across our industry community.

A BIG thank you to everyone who has followed the page, liked or shared a post, or helped spread the word. Every interaction helps increase our visibility & expand our reach.

Please help us keep the momentum going by sharing the page with colleagues, students & industry contacts.

Quick Stats

214

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225%

Increase in post impressions

500%

Increase in profile views

10

Search appearances

FOLLOW US



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DIRECTOR'S SPOTLIGHT

KYLE MILLER

Director, Atlantic Region – IMSA Ontario Trillium Section

Hello there! My name is Kyle Miller, and I am pleased to represent the IMSA Ontario Trillium Section as the Director for the Atlantic area.



My fulltime job is Technical Support Specialist with Tacel Ltd. where I assist customers with their traffic signal needs and do on-site maintenance and testing. I currently have helped several towns with on-site assistance, and I have a few more customers to visit over the summer. I have been with Tacel Ltd. for under a year, since mid-February, where before, I was working with the province of Nova Scotia as their signal technician.

I became involved with the IMSA Ontario Trillium Section in 2026 after the dissolution of the Atlantic section, which I have been a part of since late 2017. I have been involved in various roles and responsibilities, off and on, for the last number of years and have held the position as Director of the Atlantic area since 2026. In this role as Director for the Atlantic area I am tasked with attending Board Meetings, contributing to the governance and running of the organization along with bringing important issues and items of importance to the table to represent members in our area. IMSA Ontario Trillium Section provides in-person and online certification courses for its members for professional development. We also offer the opportunity for members to attend Expos as well as providing support for its members employed in and around the traffic industry. For those members in the Atlantic area, please reach out to me via email or telephone should you have any questions or suggestions to better YOUR membership in the organization. We are open to bettering YOUR membership and look forward to hearing from you! The front pages of our quarterly magazine lists the Regional Directors representing you!

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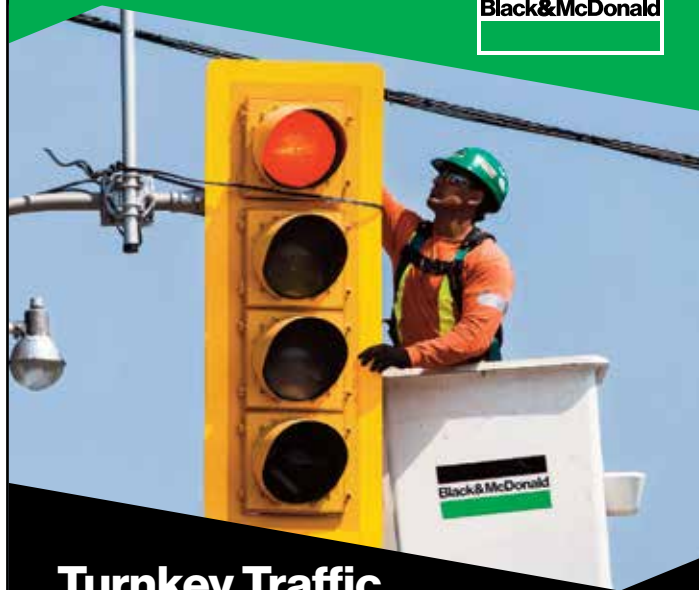


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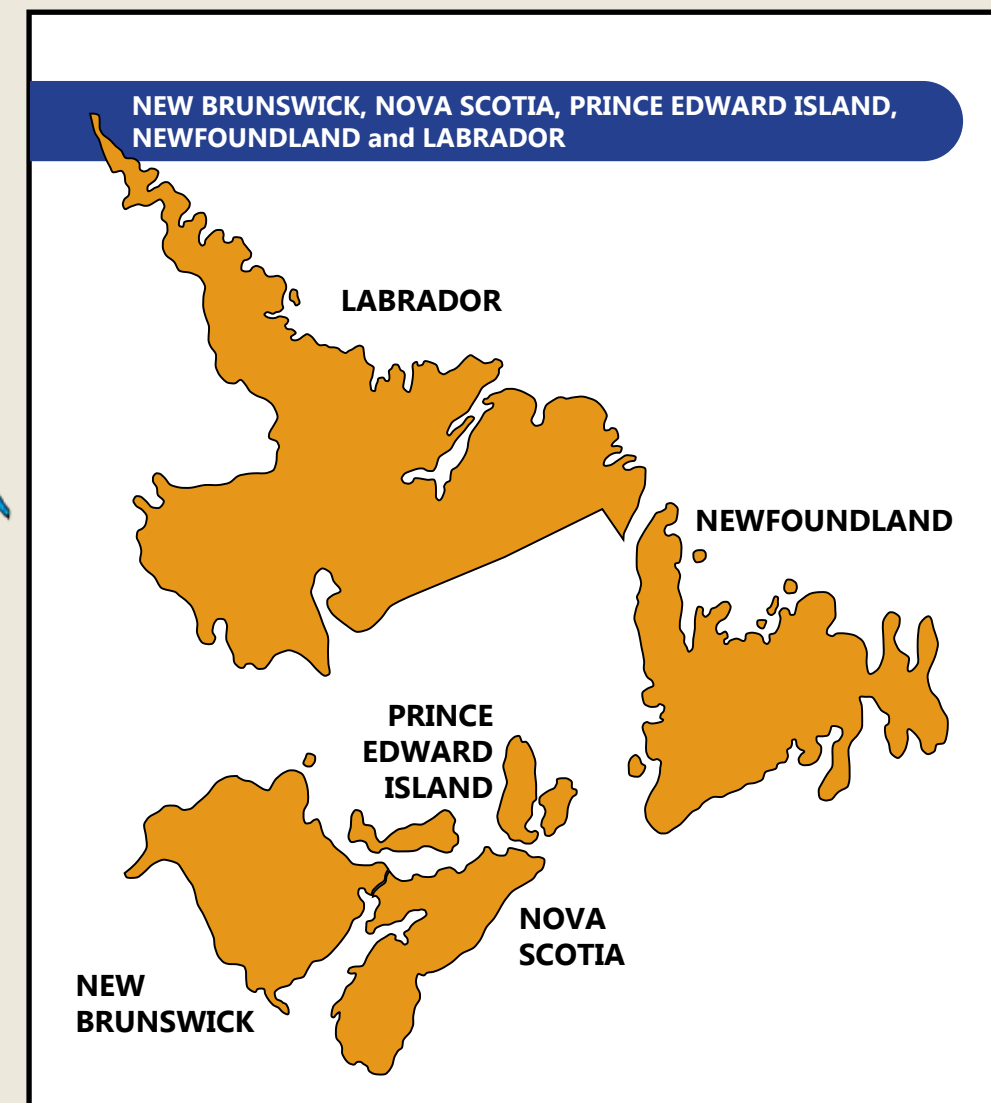
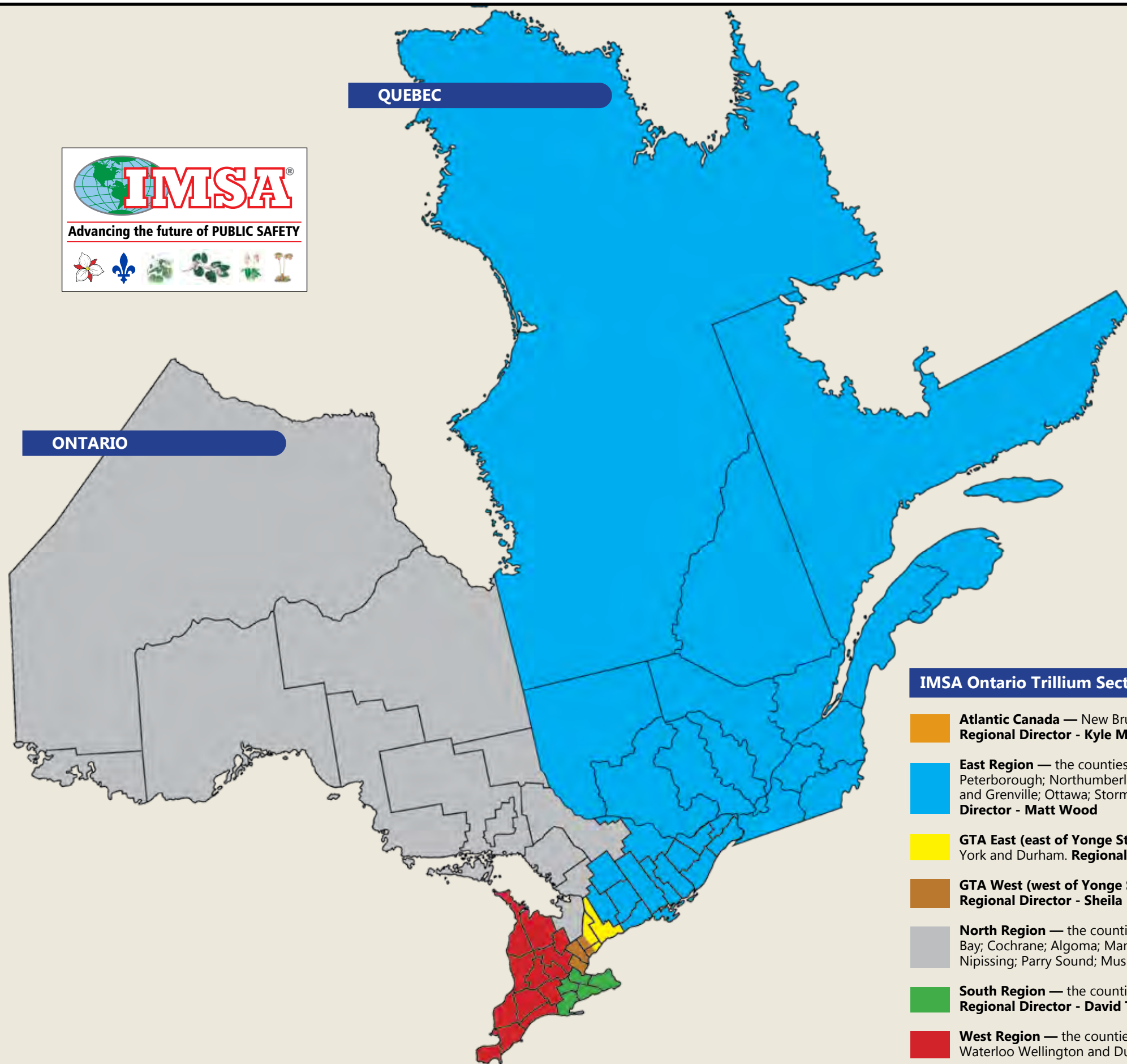


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IMSA Ontario Trillium Section Regional Boundaries Dated January 2026

- Atlantic Canada** — New Brunswick, Nova Scotia, Prince Edward Island, Newfoundland and Labrador.
Regional Director - Kyle Miller
- East Region** — the counties of Kawartha Lakes; Haliburton; Peterborough; Northumberland; Hastings; Prince Edward; Renfrew; Lennox and Addington; Frontenac; Lanark; Leeds and Grenville; Ottawa; Stormont, Dundas and Glengarry; Prescott and Russell, and the Province of Quebec. **Regional Director - Matt Wood**
- GTA East (east of Yonge Street)** — the counties of Toronto; York and Durham. **Regional Director - Joe Hendrix**
- GTA West (west of Yonge Street)** — the counties of Toronto; York; Peel and Halton. **Regional Director - Sheila Maye**
- North Region** — the counties of Kenora; Rainy River; Thunder Bay; Cochrane; Algoma; Manitoulin; Sudbury; Timiskaming; Nipissing; Parry Sound; Muskoka and Simcoe. **Regional Director - Larry Sharpe**
- South Region** — the counties of Hamilton; Niagara; Brant; Haldimand and Norfolk. **Regional Director - David Thompson**
- West Region** — the counties of Essex; Lambton; Chatham/Kent; Elgin; Middlesex; Huron; Bruce; Perth; Oxford; Grey; Waterloo Wellington and Dufferin. **Regional Director - Aaron Swartz**



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TRAFFIC SIGNALS -

To help you do your job

[Note: The comments and views expressed herein are not necessarily those of IMSA Ontario Trillium Section]

Change it up

I thought maybe a change in direction for these articles would be good for the soul — or whatever you want to call it. Exploring different topics, approaches, and perspectives could make the content feel fresher and more engaging, while also opening the door to new ideas and practical insights that might not emerge through our usual focus areas. Sometimes a slight shift in perspective can spark renewed interest and creativity.

Recently, I had the need to dust off and use several legacy applications that I had developed over the years to assist with diagnosing traffic signal controller (CU) operation. While the software may not have had the polished interfaces or modern architecture of today's tools, it quickly reminded me of the practical value these purpose-built applications still provide.

Revisiting them also highlighted how much diagnostic and analysis capability can be packed into simple, focused tools designed to help solve real-world operational challenges. Below is an overview of one of the tools I will be highlighting in this and subsequent articles.

NOTE. These tools are meant for bench diagnostics only.

CU Stop Time App

Overview

One of the requirements was the ability to alter traffic controller operation, hold it at some point or points in its operation, while testing and observing the controller on the bench.

Functions such as stop time, phase holds, and other control actions were needed to simulate field conditions and verify controller responses. Stop time is the most useful function.

Having a simple tool to issue a stop time command and monitor the resulting controller behavior proved invaluable for troubleshooting, validating configurations, and training purposes. It also provided a safe environment to evaluate timing changes, pre-emption sequences, priority operations, and special control features before deployment in the field, reducing risk and improving confidence in the final implementation.

Recently, I found this tool a-must when trying to track six standard, FYA, and ped overlaps at one intersection.

Stop time is a Ring command, so the app is structured to provide stop time up to four (4) rings in any combination. i.e. rings 1,2 or just ring 1, or ring 1,2 3,

Stop time is a standard NTCIP 1202 object, accordingly this app will work with any controller unit that is 1202 compliant.

TRAFFIC SIGNALS -

To help you do your job

Who can use this app?

The *Controller Stop Time App* is a Windows application used to remotely activate, monitor, and reset the NTCIP 1202 Ring Stop Time Control function within a traffic signal controller using SNMP (Simple Network Management Protocol) communications.

The application is intended for:

- Traffic signal technicians
- Signal operations staff
- Signal timing engineers
- Traffic signal maintenance personnel

Typical uses include:

- Bench testing a controller
- Holding selected rings during diagnostics
- Verifying ring stop time operation
- Monitoring controller responses
- Logging stop time commands for later review

User Interface Layout

The screenshot shows the 'CU Stop Time App - Beta Version' window. It features a 'Controller SNMP Settings' section with fields for 'Controller IP' (127.0.0.1), 'Port' (161), and 'Community' (public). Below this is a 'Stop Time OID' field with the value 1.3.6.1.4.1.1206.4.2.1.7.5.1.2. The 'Ring Stop Time Control' section includes a 'Ring Sequence' dropdown, a 'Parameter' field, and four buttons: 'Stop Time All Rings', 'Stop Time Selected Rings', 'Reset / Off', and 'Read OID'. A 'Clear Grid' button is also present. At the bottom is a 'Command Log' table with columns: Date Time, IP, Port, Action, Ring Sequence, Parameter, OID, and Value. The table is currently empty.

Date Time	IP	Port	Action	Ring Sequence	Parameter	OID	Value
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TRAFFIC SIGNALS -

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The application consists of three sections:

1. Controller SNMP Settings

Located at the top of the screen.

Controller IP

Traffic controller IP address. Example:192.168.1.10

Port

SNMP UDP port. Default:161

Community

SNMP read/write community string. Default: public

Stop Time OID (Object Identifier)

Displays the NTCIP object used by the application: 1.3.6.1.4.1.1206.4.2.1.7.5.1.2.

This field is read-only.

2. Ring Stop Time Control

Located in the center of the screen.

This section allows the user to select rings and send commands.

Ring Sequence

Drop-down list used to select which rings are affected.

Examples:

1

2

3

4

1,2

1,3

1,2,3,4

BUTTONS

Stop All Rings

Stop timing all four rings.

Stop Selected Rings

Stop timing selected rings only

Reset / Off

Returns all rings to normal operation.

Read OID

Reads the current value from the controller.

TRAFFIC SIGNALS -

To help you do your job

Clear Grid

Clears the display panel log

3. Command Log

Located in the lower portion of the screen. Displays all commands and responses.

CSV Logging

Every transaction is automatically written to CU_Stop_Time_Log.csv located in the application folder.

SUMMARY

These tools will be posted on my website for download, free of charge. There is no installation procedure required; click and run. BTW, the app requires the PC to be running “.NET 10”

In addition, the source code, written in C#, is available so you may ‘personalize’ the tool for your purpose. Drop me an email and I will send you the Visual Studio files (comments included).

I strongly recommend you consult your IT department. They probably will want to look at it before you use it on a corporate network – which is judicious given the environment we work in.

NOTE: When I was working at the City of Mississauga, I requested a stand-alone (non-networked) PC so I could use my own apps and commercial ones for diagnostics without creating city networks issues.

Hope you like it.

Be safe!

By Ron Whitelock

*In the next magazine issue, I will cover my favourite app– Getting Purdue Data (now called SPM)
Comments/suggestions are most welcome. Ron can be reached at ron@TransportationSmart.com*



Report from the **IMSA INTERNATIONAL FORUM & EXPO** Spokane, Washington - July 12 to 16, 2026



EXHIBITOR HALL

Shawna Boakes, ***Alternate International Delegate***

Two members of the Ontario Trillium Section team had the opportunity to attend the International Municipal Signal Association (IMSA) conference in Spokane, WA, joining transportation professionals, municipal staff, consultants, and industry partners from across North America to share knowledge, discuss emerging technologies, and explore best practices in safe traffic and transportation infrastructure.

The conference featured a comprehensive program of technical sessions covering a broad range of topics related to traffic signals, roadway lighting, intelligent transportation systems, and emerging technologies. Presentations highlighted innovative approaches being implemented by municipalities, lessons learned from recent projects, and practical solutions to common operational challenges. These sessions provided valuable insights that can be applied to future projects and help ensure we continue delivering practical, forward-thinking solutions for our clients.

A key component of the conference was the leadership training program, which focused on developing the skills needed to lead successful teams, manage change, and foster collaboration within organizations. These sessions reinforced the importance of effective communication, strategic planning, and continuous improvement—principles that are essential to delivering high-quality certification programs.

The conference also provided numerous networking opportunities, allowing attendees to connect with fellow section leaders, municipal representatives, consultants, manufacturers, and industry experts. These conversations offered valuable perspectives on the challenges facing municipalities today and created



IMSA INTERNATIONAL BOARD MEETING

opportunities to exchange ideas, discuss emerging trends, and strengthen professional relationships across the industry.

The vendor exhibition showcased the latest advancements in traffic signal equipment, roadway lighting, communications technology, and intelligent transportation systems. Live demonstrations and discussions with manufacturers provided firsthand insight into new products and technologies that can improve system performance, enhance safety, and support more efficient municipal operations.

Attending conferences such as IMSA International is an important investment. The knowledge gained, relationships established, and exposure to new technologies help ensure that the Ontario Trillium Section remains at the forefront of industry best practices and continues providing innovative, practical solutions that meet the evolving needs of our Section members.

Kyle Miller, ***Regional Director, Atlantic Region***

During the week of IMSA 2026, I met up with my international team on the BOD and EAC and attended those meetings where they discussed the ongoing changes to courses and exams such as Roadway Lighting, Field Technician II, III, etc. Once meetings had been completed, I was able to attend various technical sessions related to our industry. I was able to chat with the vendors about existing and new technologies that are emerging and meet with folks from other sections.

I was recognized during the closing dinner gala with the EAB committee that I participated on (The EAB committee deals with articles in the IMSA international magazine).

A MESSAGE FROM OUR MEMBERSHIP CHAIR, SHEILA MAYE

Hello IMSA Atlantic Members,

On behalf of the Membership Committee, it is my absolute pleasure to formally welcome you to the IMSA Ontario Trillium Section!

We are excited to have you onboard as we bring our IMSA communities together. Transitions can sometimes come with a few questions, a little paperwork and perhaps the occasional "Who do I ask about this?" moment - but that is exactly why we are here.

I would also like to take this opportunity to introduce myself. My name is Sheila Maye and I currently serve as Regional Director for GTA 1 and Chair of the Membership Committee. I have been an active IMSA member for over 14 years and joined the Ontario Board to support our members, strengthen engagement and contribute to the continued growth of our Section.

As we continue refining the onboarding process, please know that you are not navigating this transition alone. For any questions, concerns, or membership-related mysteries, please reach out to us at info@imsasafetyon.org

We are thrilled to welcome you to the Ontario Trillium Section family and look forward to connecting, collaborating and growing together. Consider the welcome mat officially rolled out!

Warm regards,
Sheila Maye
Regional Director, GTA 1
Membership Committee Chair

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