



Your Partner in PUBLIC SAFETY

BRITISH COLUMBIA SECTION NEWSLETTER

Fall 2020

Volume 23 Number 03

Message From Our President

Welcome to the 2020 IMSA British Columbia Fall working from home, mask wearing, 2 metre distancing newsletter. While 2020 has created more than its fair share of challenges, there have been some bright spots where some have risen to meet these challenges. Thanks to Zoom, the IMSA International Conference was held remotely with over 500 members and vendors participating. For those who attended, we were able to see presentations showing the advancements happening in the transportation industry. Even so, I did miss going to the Reno conference and being able to chat with vendors as well as fellow members from the vast area served by the IMSA International through the local IMSA Sections. Next year's conference will hopefully, be held in Columbus, Ohio from August 1 to 5, 2021. As noted on the IMSA International's web site, "the Columbus region has undertaken a comprehensive smart city initiative." To learn more, check out <https://smart.columbus.gov/>.

The IMSA B.C. Section has upcoming Certification classes in October for:

- Traffic Signal Technician Level 1 – October 26 to 27
- Traffic Signal Technician Level 2 – October 28 to 29
- Traffic Signs and Pavement Markings Level 1 – October 26 to 27
- Pavement Markings Level 2 – October 28 to 29

These classes were delayed from June for obvious reasons. They will be held in Coquitlam at the Executive Inn. Check out <http://www.imsabc.ca/>

for details on the upcoming Certification classes.

Unfortunately, the British Columbia IMSA Section Trade Show and Conference is cancelled for 2020 due to restrictions related to regulations in place to constrain the spread of Covid-19.

Despite the pandemic, construction season has been full steam ahead here in the lower mainland and from what I've seen, throughout the province. It seems the pace of development has not slowed and we've been as busy as years previous, if not more so. With that in mind, I know that you have had to continue working as hard as ever during this pandemic to keep your communities safe by safeguarding your road infrastructure. I wish to take this opportunity to say thank you for your service. I hope you have had a safe summer and continue to stay safe during these challenging times.

Erik Berg, President
IMSA British Columbia Section

**The IMSA British Columbia
Section
2020 Fall Technical
Sessions**

**Have been cancelled as a result
of the ongoing COVID-19
Restrictions**

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IMSA B.C. Section Website

Visit our website at: <http://www.imsabc.ca>

Advertising

To advertise in this newsletter, please contact
Joseph Quan by email at:
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To advertise on our website, please contact
Paul Sung by email at: imsabc@shaw.ca

Upcoming Events

The IMSA B.C. Section has upcoming
Certification classes in October, 2020. See the list
in the Message From Our President on Page 1. Also
check <http://www.imsabc.ca/>



IMSA BRITISH COLUMBIA SECTION EXECUTIVE BOARD
2020 - 2021



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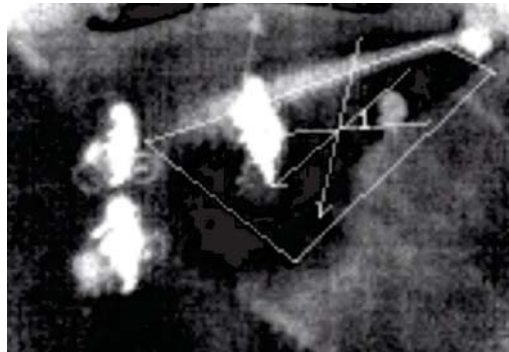
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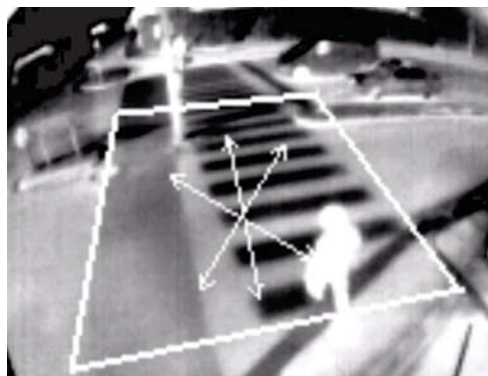
Technology

The 2020 COVID-19 pandemic has alerted people to just how much we all spread germs around, and drawn attention to the need for better safety measures to prevent the spread of disease in public spaces. We all know not to touch your face when out in public, but there are plenty of other things it's hard to avoid touching. Crosswalk buttons are one of those. Pedestrian crossings usually have physical push-buttons to alert the traffic light system that someone needs to cross the road, and just one of those buttons could be touched by hundreds (if not thousands) of hands a day, making them a hot-bed for germs and viruses.

The current pandemic has highlighted the need for touch-free pedestrian sensors so we can stop using physical push-buttons. One such sensor is the FLIR TrafiOne. The TrafiOne uses thermal imaging to detect pedestrians and cyclists based on their temperature signatures, meaning it doesn't need any natural or artificial light to function, and can provide uninterrupted, 24-hour detection of pedestrians and bicyclists.



When implemented, TrafiOne thermal sensors automatically detect pedestrians waiting to cross the road and alerts the traffic light system. That means no more trying to push the crosswalk button with your elbow to avoid germs, or getting out the gloves before crossing the street. The TrafiOne can also detect if a group of people is waiting, and if the group is too large will send a signal to the lights to change and let pedestrians cross. This is especially relevant when it comes to virus control, as it will help limit instances of crowds of people waiting in close proximity.



In addition to working in all lighting and weather conditions, thermal imaging also has the advantage of protecting privacy. TrafiOne cameras can detect that a person is waiting to cross, but not the identifying physical features of that person as a visual camera would, meaning the pedestrian's identity can't be easily discerned.

FLIR detection and monitoring solutions help traffic and public transportation agencies manage traffic flow efficiently and ensure public safety. Based on advanced technology proven for more than 25 years, and with over 50,000 traffic light management systems installed worldwide, FLIR offers field proven solutions for all manners of pedestrian and cyclist detection.



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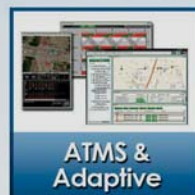
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To learn more, contact us at sales@econolite.ca, or call 877-707-2177.

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The following is a list of the Certification Schools that are available. No school dates have been assigned at this time. If you are interested in attending, please visit our online registration page at: <http://www.imsabc.ca> and click on the Certification tab. When we have a minimum of 10 students, we will set up the school, notify each student and advertise it in our Newsletter and Web Site. Where a student does not have the required pre-requisite, the Certificate will be held for a maximum of one year until the pre-requisite has been achieved.

Description

Work Zone Traffic Control Safety

Pre-requisite to most other Certification Schools. * Please Note: *This course is **not** B.C. Traffic Control Person (TCP) Training*

Signs & Markings Level I

Pre-requisite: Work Zone Traffic Control Safety** and 1 Year of Experience

Signs Level II

Pre-requisite: Signs & Markings Level I and 2 Years of Experience

Markings Level II

Pre-requisite: Signs & Markings Level I and 2 Years of Experience

Roadway Lighting Level I

Pre-requisite: Work Zone Traffic Control Safety**

Traffic Signal Technician Level I

Pre-requisite: Work Zone Traffic Control Safety**

Traffic Signal Technician Level II

Pre-requisite: Traffic Signals Technician Level I and 2 Years of Experience

Choice of Field Technician, Bench Technician, Design Certification and Construction Certification exams. Additional fees to write additional exams.

Traffic Signals Level III

Pre-requisite: Traffic Signal Technician Level II and 5 Years of Experience

Traffic Signal Inspection

Pre-requisite: Traffic Signal Technician Level I

** Or approved equivalent course.

Contact the Certification Chair at (604) 235-1906, or email : certification@imsabc.ca for approved equivalent courses.

Please respond by accessing the IMSA B.C. On-line registration system through our website at: <http://www.imsabc.ca> and click on the Certification tab. To contact us, please email: certification@imsabc.ca



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- Provides necessary green time for cyclists to cross intersection

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