



B.C. SECTION NEWSLETTER

Your Partner in PUBLIC SAFETY

Summer 2015

Volume 18 Number 02

Message From Our President

The 2015 IMSA B.C. Section Spring AGM and Technical Sessions were held in Coquitlam on April 27th and 28th. We were very excited to partner with IESBC to present a Street Lighting seminar on Monday April 27th which was followed by our Meet and Greet Monday evening. On Tuesday April 28th, the Spring Trade Show kicked off with eight Technical Sessions throughout the day as well as the exhibit area where our supporting vendors showcased their products and offerings. All of the sessions were well attended and I would like to thank everyone who participated.

On behalf of IMSA B.C., I would like to extend our thanks and appreciation to all of our sponsors with special recognition to the following lunch and coffee sponsors:

Lunch:

- Valmont - West Coast Engineering
- Trafco (Canada)
- Old Castle Moulded Products (Synertech)

Coffee:

- Novax Industries
- Valley Traffic Systems
- Greentop Lighting
- Tacel
- Electromega

The 2015 AGM was held in conjunction with the Spring Technical Sessions and your 2015 B.C. Section Executive was elected. The Executive is relatively unchanged this year, and the same group of dedicated volunteers have stepped up again to continue to support the B.C. Section membership over the next 12 months.

I would like to announce that the new IMSA B.C. website will be launching very soon. The team has

been hard at work placing the final touches together to bring this enhanced site online. The new website has an updated look and allows IMSA B.C. content to reach a wider variety of devices and browser types. I hope you appreciate the new website and all the work which has gone into its development. If you have any comments or feedback about the new website please let us know.

If you would like to become more involved with the IMSA, please speak to a member of The Executive to learn how you can contribute. We are always looking for new ideas and opportunities to help engage the section membership. Whether you are a vendor, contractor, consultant or public employee, there is room on the Executive for your ideas and energy.

Finally, I would like to extend an invitation to everyone to attend the IMSA International **120th Annual Conference and 38th Annual School** August 22-25, 2015 in New Orleans, LA. There will be expert speakers to present public safety subjects that are educational in scope and motivational to everyone in attendance. It is a fantastic opportunity to see the latest developments and technology in the industry. You will find all the information at www.imsasafety.org, the IMSA International website.

Have a safe and memorable summer.

Mitch Stripp, President
IMSA B.C. Section

Join us for the
**IMSA International Annual Conference
and Schools**

August 22 to 25, 2015
in New Orleans, LA

2015 - 2016 Executive Board

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IMSA B.C. Section Website

Visit our website at: www.imsa.bc.ca

Advertising

To advertise in this newsletter, please contact
Joseph Quan at (604) 514-2924 or email at:
jquan@langleycity.ca

To advertise on our website, please contact
Paul Sung by email at: imsabc@shaw.ca

Upcoming Events

120th Annual IMSA International Conference and
38th Annual School, August 18 - 25, 2015 at
the Hyatt Regency in New Orleans, LA.

IMSA B.C. Section 2015 Fall Technical Sessions
and Trade Show, November 3, 2015 at the
Executive Plaza Hotel in Coquitlam, B.C.



IMSA B.C. SECTION EXECUTIVE BOARD
2015 - 2016

Speed Sensitive Traffic

Background:

Due to a wide road, speeding is a significant issue at Springfield Road in Kelowna. Improvements such as enhanced pavement marking, medians, and speed readers boards were deployed on the segment of Springfield Road between Hollywood Road and Ziprick Road to address the speeding issue in Kelowna as a part of the Springfield 3E project. 3E which stands for Engineering, Education and Enforcement has the last part of the project which was the speed sensitive traffic signals.

Critical Milestone:

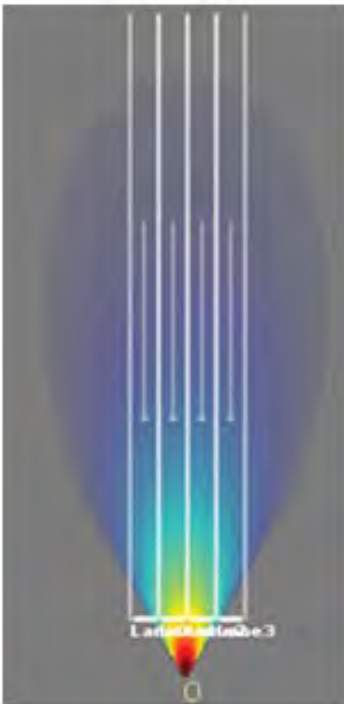
Implementation of the project involved selection of a reliable detector to accurately detect the speed. After thorough evaluation of various sensors, a radar based sensor was selected to trigger the all-red at the intersection. The sensor was able to detect speed for both inbound and outbound vehicles which helped in simplifying the design.

Evaluation:

Before the implementation of the project, the detector ran in the stealth mode without any actuations and we collected data in ATMS system. The data was evaluated to find the speeding patterns and time of day suitable to have the actuation enabled.



Process Flow



Radar Beam Layout

Additional logic was implemented in the traffic controller to ensure the operation was running safely such as detection of green rest, and side street traffic.

Challenges:

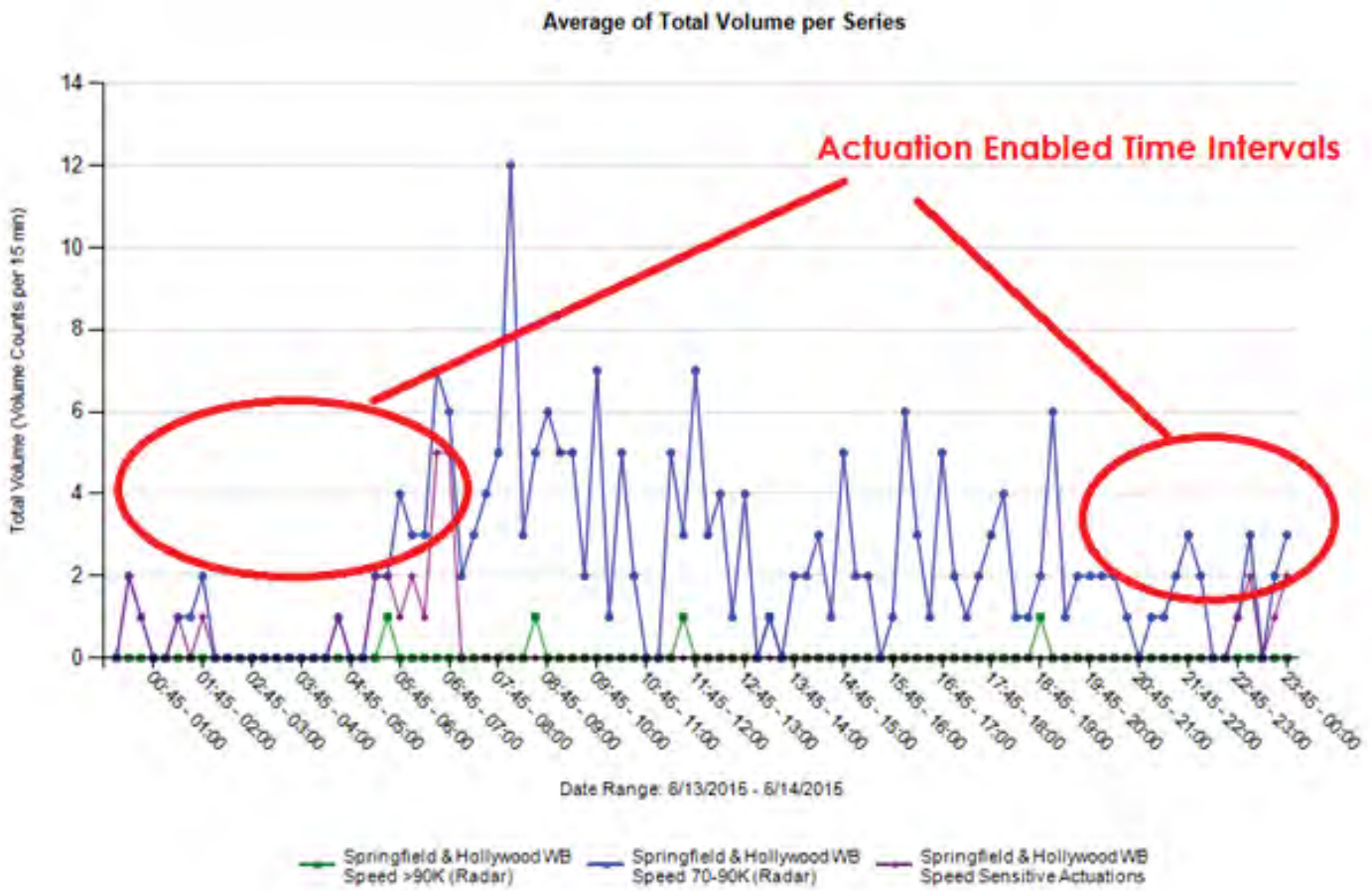
The speeding behavior was very scattered and high profile speeders were detected throughout the day. To avoid frustration to the public, the project actuations were only enabled outside peak hours.

The detection was initially planned to run on a serial based radio network giving us the flexibility of selecting any area on the segment of road to be a detection zone, however due to limited infrastructure, the detectors were mounted at the intersection.



Radar unit on the pole

Summary:



ATMS Data showing the effectiveness of project

Two weeks after the project activation, the ATMS data showed that the speed profile at the road was greatly reduced. The project improved road users' safety, eliminated residents' frustration regarding the speeders at night, and enhanced lives of residents in the area.

Atif Khan
Traffic Signals and Systems Supervisor
City of Kelowna



(All for as we know, photo is public domain.)

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IMSA B.C. Section Spring AGM, Tech Sessions and Trade Show - April 28, 2015



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IMSA B.C. Section Certification Schools



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.imsa.bc.ca/Registration/register.html>. 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 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 Experience
- Signs & Markings Level II**
Pre-requisite: Signs & Markings Level I and 2 Yrs. Experience
- Roadway Lighting Level I**
Pre-requisite: Work Zone Traffic Control Safety** and 2 Years Experience
- 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 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 Signals Level II and 5 Years Experience
- Traffic Signal Inspection**
Pre-requisite: None

** Or approved equivalent course.

Contact Graeme Kraft, Certification Chair at (604) 871-6210, or email : graeme.kraft@vancouver.ca for approved equivalent courses.

Please respond by accessing the IMSA B.C. On-line registration system at: <http://www.imsa.bc.ca/Registration/register.html>
To contact us, please email: certification@imsa.bc.ca

If you have no access to our website, please fax this completed sheet to Larry Parks, ASCT (Section Secretary) toll-free at 1 (866) 266-0369. If you have any questions, please call Graeme Kraft at (604) 871-6210.

I am interested in the Certification School(s) checked above.

Name: _____ Agency: _____

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