



**Your Partner in PUBLIC SAFETY**

*Dedicated to providing quality certification programs for the safe installation, operation and maintenance of public safety systems; delivering value for members by providing the latest information and education in the industry.*

## 2018 Fall Certification Conference

**Evergreen Resort, 7880 Mackinaw Trail, Cadillac, MI 49601**

**Date: Oct 22-26, 2018**

The Michigan section is aware this announcement is late considering the timeframe for this meeting. Based on the latest communication(s) received from available moderators, we are now able to offer these certification programs listed.

Certification, renewal opportunities and networking provide the opportunity to improve your technical expertise through the IMSA certification process. This conference will offer the opportunity to meet counterparts from other agencies to discuss common problems, solutions and operational issues you deal with in the performance of your duties.

Traffic Signal Technician Level 1 program remains the same in scope but Traffic Signal Lev. 2 is divided into four distinct courses of instruction. Please read program details carefully.

Likewise, Signs & Markings Technician Level 1 remains the same. Level 2 is divided into two individual programs, Signs Technician Lev. 2 and Pavement Marking Technician Lev. 2. If you currently hold a valid Signs & Markings Level 1 certification and wish to advance to Level 2 you will need to make a decision regarding which program you will pursue.

- Michigan Temporary Traffic Control registration will be Sunday, Aug 21, 2018 5-7PM. (Dinner not included)
- The latest Michigan Temporary Traffic Control study guide was updated July 2015.
- **Certification Renewal** can be accomplished at reduced cost. Exams are not required.
- Study Guides are ordered **directly from the International** by your agency 30 days in advance.
- Study Guides are priced member vs. non-member.
- **No** Study Guides will be available at the conference.
- Programs are offered individually. Dates and times are listed on the reservation form.
- Visit [www.imsamichigan.org](http://www.imsamichigan.org) for additional certification information and support materials.

**IMPORTANT - The international office requires 30 day advance notice for study guides. It is imperative that you order your guides right away.** ALL study guides required for certification courses must be ordered directly from the International office (800 723-4672) under a separate purchase order. Level III courses *do not* require study guides as level 3 programs are based on your overall knowledge of the subject. If you currently have study guides for any IMSA program, it is important to check with the International office (800 723-4672) to insure the copyright date is the current version.

## **WORK EXPERIENCE VERIFICATION FORM**

A *Work Experience Verification Form* is attached. It is essential that this form be filled out and faxed along with your reservation. The original (signed) version should be *hand carried* to the conference. This WEV form is required for each certification program. Only those individuals that pass the certification exam *and* have the necessary work, experience and/or prerequisite certifications can receive IMSA certification. Prerequisites are listed on the attached Work Experience Verification Form. Additional copies can be downloaded from our website [www.lmsaMichigan.org](http://www.lmsaMichigan.org)

If you do *not* have the listed prerequisite time and experience you may still take the program/exam. You will be able to request your certification certificate directly from the international once you have attained the required work experience and/or prerequisites.

## **LODGING & MEALS**

Lodging expense is no longer included in the pricing. You must make your own lodging arrangements by calling Evergreen Resort (231 775-9947) directly. For those lodging in our hotel, breakfast is included. Lunch and dinner meal vouchers will be provided when you register.

## **IMSA MEMBERSHIP**

As a current paid member of IMSA, you should be receiving *your* copy of the IMSA Journal. If you have questions regarding either membership or certification status for any program, you must call the International Municipal Signal Association directly at 800 723-4672 to access your personal information.

## **PAYMENT**

Registrations forms not received by October 8th automatically incur a \$50.00 surcharge. Checks should be made payable to the Michigan Section, IMSA. Hand carry it to the meeting or send it in advance to: IMSA, Michigan Section, c/o John Carrier, Carrier & Gable, 24110 Research Drive, Farmington Hills, MI 48335.

Starting in 2018, the Michigan Section will be able to accept credit cards. Your card **MUST** be presented when you arrive at registration. Payment **MUST** be received no later than your **ARRIVAL** at the conference. Price covers exams, food and breaks and networking sessions. If your agency needs to be invoiced for this conference, you must include a PO# on the reservation form. *Payment for Study Guides is made directly to the International office.*

## **TESTING POLICY, RETAKE AND CHALLENGE EXAMS**

Certification exams will be administered by authorized test administrators at the end of each program. The International office grades the exams. Results will be sent directly to the individual by the Michigan Section within 30 days, once the prerequisites for that program are verified. A re-take exam is available at no charge (following a 60 wait period, but not longer than 12 months following the initial exam) for those who do not successfully pass the initial exam. If a re-take or challenge exam is attempted but *not passed*, the International requires the full program be taken before the next attempt.

Consideration is given to those wishing to take challenge exams, for courses not held at this conference, at a cost of \$185.00 per exam. For information on ALL challenge/retake exams contact Tim DeWitt at 586 929-3309. Challenge and retake exams *must* be scheduled in advance. No course materials are provided. There is no charge for a retake exam.

## **MICHIGAN SECTION IMSA "HELP LINES"**

Tim DeWitt

John Carrier

Jeff Young

586 929-3309

[johncarrier@carriergable.com](mailto:johncarrier@carriergable.com)

[youngj@wcroads.org](mailto:youngj@wcroads.org)

Michigan Alt. Council Delegate

Michigan Secretary

Michigan Certification Dir.

Additional information, registration and work Verification Forms can be found at [www.lmsaMichigan.org](http://www.lmsaMichigan.org).



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## MICHIGAN SECTION - CERTIFICATION PROGRAMS

Agencies requiring IMSA certification, as a condition of employment or promotion, continues to grow internationally. To date, the International Municipal Signal Association has issued 98,000+ certifications internationally, (3,500+ in Michigan), to those involved in work zone operations, traffic signals, signs & markings and roadway lighting.

IMSA certification programs are important for government agencies, contractors and public utilities that work in public right-of-ways and install & maintain traffic control devices. This conference is an excellent opportunity to network with counterparts from other agencies to discuss problems and solutions common to your responsibilities.

All Michigan IMSA certification programs require a prerequisite called Michigan Temporary Traffic Control. Participants become familiar with the requirements set forth in Part VI, Construction and Maintenance, of the Michigan Manual of Uniform Traffic Control Devices. This course meets and the requirements mandated by MDOT for Traffic Regulator duties.

### MICHIGAN TEMPORARY TRAFFIC CONTROL – Copyright July 2015

This 8-hour program is designed for persons who will be assigned Traffic Regulator duties. It is applicable for Lead Workers and Supervisors that will install and review Traffic Regulator operations and Engineering Staff that will develop work zone traffic control. This program is designed to exceed the Michigan DOT requirements to be a Traffic Regulator. MTTC deals specifically with the requirements of the 2011 Manual on Uniform Traffic Control Devices, Part 6, the MMUTCD and the authority, obligation and training of Traffic Regulators. The MTTC program promotes the proper use of traffic control devices, traffic control procedures, MiOSHA requirements, safety apparel and general traffic safety. This program highlights requirements for signing, special Traffic Regulator operations, including single and intermediate Traffic Regulator, Haul Road operations and the use of police officers.

Employers are responsible for properly training employees in the installation, inspection, operation and maintenance of temporary traffic control devices. This one-day program, divided into ten segments, incorporates a post-training quiz following each segment. Upon conclusion of MTTC, participants should be prepared for the 100-multiple choice question certification examination. 70% is required to successfully pass. The course covers the following areas:

Michigan Manual	One Lane Traffic Control	Nighttime Flagging
Traffic Elements	Stopping Distances	Channelizing Devices
Road Conditions	Stopping/Releasing Traffic	Taper Lengths
Traffic Redirection	Special Flagging Application	Sign Placement

**Prerequisites:** IMSA Michigan Temporary Traffic Control certification or approved equivalent  
One (1) year traffic control experience

### SIGNS & MARKINGS Technician, Lev. 1 - Copyright 2016

This certification program provides an introduction to the latest technology, materials, and rules and regulations that are used for the installation and maintenance of signs and pavement markings on today's roadways. Accepted industry standards and practices are covered in detail such as the Manual of Uniform Traffic Control Devices (MUTCD) and how to use it, the various types of signs and pavement markings, and their application and how they interact with one another. Additional subject matter includes tort and risk liability, work zone safety, school zones, bike lanes, equipment maintenance, asset management, visibility and retroreflectivity, and environmental safety. An exam is included at the conclusion of the program which upon passing certification is issued.

**Prerequisites:** IMSA Michigan Temporary Traffic Control certification or approved equivalent  
One (1) year Signs & Markings experience

### [SIGNS Technician, Lev. 2 – Copyright 2016](#)

The Signs Technician Level II is an advanced certification program that is designed to build upon the fundamental of the Signs & Markings Level I program. The Level II program covers an advanced level of knowledge and skill sets required specifically for sign design, installation, and maintenance. In this program the sign technician will expand their understanding of the criteria for the application of signs in accordance with the MUTCD and other references. Topics covered are when and where these traffic control devices are installed, how to properly manufacture, install and maintain them. Additional subject matter includes sign requirements for freeways and expressways, speed zones, non-traditional toll managed lanes, guide signs, general and special warning signs, street name signs, route markers and routes signs, and design and location considerations. The program also emphasizes the role of and increased responsibility that comes with Level II Signs Technician certification.

**Prerequisites:** IMSA Michigan Temporary Traffic Control or approved equivalent  
IMSA Sign & Markings Technician Lev. 1 certification  
Two (2) years Signs experience

### [PAVEMENT MARKING Technician, Lev. 2 – Copyright 2016](#)

The Pavement Markings Technician Level II is an advanced certification program that is designed to build upon the fundamental of the Signs & Markings Level I program. The Level II program covers an advanced level of knowledge and skill sets required specifically for pavement marking design, installation, and maintenance. This Level II program will allow the Pavement Markings Technician to garner greater insight and an advanced understanding of pavement marking materials, installation, and maintenance. It will also expand their knowledge of the criteria for the application of pavement markings in accordance with the MUTCD and other references. Topics covered are when and where these traffic control devices are installed, how to properly install and maintain them, material safety, pavement marking visibility, retroreflectivity, freeway and expressway markings, and colors, patterns and widths application standards. An in depth overview of all of the various marking materials and the technology behind them is also provided. The program also emphasizes the role of and increased responsibility that comes with Level II Pavement Markings Technician certification.

**Prerequisites:** IMSA Michigan Temporary Traffic Control or approved equivalent  
IMSA Sign & Markings Technician Lev. 1 certification  
Two (2) years Markings experience

### [TRAFFIC SIGNAL TECHNICIAN, Lev. 1 – Copyright 2009](#)

Traffic Signal Technician Level I Certification indicates that the holder is familiar with the concepts and terminology associated with signalized traffic control devices and systems. The content is designed for the entry-level technician that has had some prior training or experience in electrical technology. Worksite safety is a primary skill area, having been covered in Work Zone Temporary Traffic Control Technician and also in this coursework. Principles of operation and the primary electrical details of cabinet wiring and components have been introduced. Equipment, methods, and materials of signal system construction have been reviewed. The basics of traffic signal design, maintenance, and legal issues have been explained and discussed. This certification holder is prepared to make a contribution on any traffic signal crew, whether involved in construction, maintenance, or design preparation with proper supervision and guidance. This certification also provides the required background information that will allow the technician to learn the material taught in the four Level II certification courses.

**Prerequisites:** IMSA Michigan Temporary Traffic Control or approved equivalent  
One (1) year Traffic Signal work experience

### [TRAFFIC SIGNAL FIELD TECHNICIAN, Lev. 2 – Copyright 2016](#)

The Traffic Signal Level II Certification indicates the technician has a well-rounded background in traffic signal technology including coursework and experience. The Level II Field certification also indicates that the technician has additional training on traffic signal control system troubleshooting, on-site repairs, and maintenance methods and equipment. Areas of training include worksite safety, maintenance of traffic, traffic signal system equipment standards and operation, installation inspection, troubleshooting, equipment repair, replacement and programming, test equipment, signal phasing and timing, detection, system communications,

preventive maintenance, and documentation. The certification holder is prepared to make a substantial contribution in the maintenance and repair of signalized intersections, whether employed by a private firm or a public agency.

**Prerequisites:** IMSA Michigan Temporary Traffic Control Certification or approved equivalent  
IMSA Level I Traffic Signal Technician Certification  
Two (2) years Traffic Signal work experience

### **TRAFFIC SIGNAL CONSTRUCTION TECHNICIAN, Lev. 2** – Copyright 2009

The Traffic Signal Level II Certification indicates the technician has a well-rounded background in traffic signal technology, including coursework and experience. The Level II Construction certification also indicates that the technician has additional training on traffic signal control system construction, safety, materials, methods, and equipment. Activities covered include: safe operation of construction equipment (from concrete saws to cranes), planning activities, documentation, and installation of conduits, poles, mast arms, signal heads, cabinets, and inductive loops. Setup and testing of a new signal installation is also reviewed. The certification holder is prepared to make a substantial contribution in the traffic signal construction group of a private firm or a public agency where new or replacement traffic signal construction is the focus.

**Prerequisites:** IMSA Michigan Temporary Traffic Control Certification or approved equivalent  
IMSA Level I Traffic Signal Technician Certification  
Two (2) years Traffic Signal work experience



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## 2018 Certification Conference Reservation Form

Date: \_\_\_\_\_ Agency: \_\_\_\_\_

Participant: (ONE person per form – Print Clearly) \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

Current member of IMSA? Yes [ ] No [ ]

Agency Purchase Order # (If needed) \_\_\_\_\_

	<u>START</u>	<u>END</u>	<u>Member</u>	<u>Non-Member</u>	<u>Certification</u>	<u>Re-Cert*</u>
Michigan Temporary Traffic Control	<b>Oct.22, 8am</b>	Oct.22, 5:00p	\$340	\$390	\$ _____	_____
Signs & Markings, Lev.1	<b>Oct.23, 8am</b>	Oct.24, 3:00p	\$350	\$400	\$ _____	_____
Signs Technician, Lev.2	<b>Oct.25, 8am</b>	Oct.26, 12:00p	\$350	\$400	\$ _____	_____
Pavement Marking Technician, Lev.2	<b>Oct.25, 8am</b>	Oct.26, 12:00p	\$350	\$400	\$ _____	_____
Traffic Sig. Technician, Lev.1	<b>Oct.23, 8am</b>	Oct.25, 12:00p	\$420	\$470	\$ _____	_____
Traffic Sig. Technician, Lev.2 - Field	<b>Oct.23, 8am</b>	Oct.25, 12:00p	\$420	\$470	\$ _____	_____
Traffic Sig. Technician, Lev.2 - Const.	<b>Oct.23, 8am</b>	Oct.25, 12:00p	\$420	\$470	\$ _____	_____

Retake Exams Offered at the conclusion of each program  
Challenge Exam Requested\*\*

\$ No Charge  
\$ 185.00 per exam

\*\* All Challenge/Retake exams must be arranged through the Director of Certification, Mr. Jeff Young (734 845-4639)

**Total Cost** \$ \_\_\_\_\_

Registration Submitted By: (Print) \_\_\_\_\_

Email: \_\_\_\_\_

Make check payable to **Michigan Section, IMSA** Mail to IMSA, Michigan Section, John Carrier, 24110 Research Dr., Farmington Hills, MI 48335 or hand carry to the conference.

**Be sure to include your Work Verification Form with this reservation!**

*Fax reservations to 248 473-0730 by Oct. 1, 2018*





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### Certification Work Verification Form

Fax with Reservation to John Carrier @ 248 473-0730

Rev 081417

Date: \_\_\_\_\_

Agency: \_\_\_\_\_

Address: \_\_\_\_\_

Registrant: \_\_\_\_\_

Briefly describe your work experience during the previous \_\_\_\_\_ year(s). (Use back, if needed)

\_\_\_\_\_

\_\_\_\_\_

Registrant: **(Please Sign)** \_\_\_\_\_

All courses are open to anyone, regardless of work experience. Only those individuals that pass the certification exam and have the work experience and/or prerequisite certifications will receive IMSA certificates. Retroactive certificates will be issued if:

1. Prerequisite certification(s) are met.
2. Work Experience Verification Form is submitted and verified not later than one, two, three or five years respectively from the certification exam date.

**CHECK APPROPRIATE BOX(ES) FOR COURSE REGISTRATION OR REQUEST  
FOR RETROACTIVE CERTIFICATION FROM A PREVIOUS COURSE.**

<input type="checkbox"/> Michigan Temporary Traffic Control	1 Yr. Traffic Control Exp. including Tfc. Regulating
<input type="checkbox"/> Traffic Signals, Lev. 1	1 Yr. Traffic Signal Work Experience & MTTC
<input type="checkbox"/> Traffic Signals, Lev. 2 - Field	2 Yrs. Traffic Signal Work Experience & T/S, Lev.1
<input type="checkbox"/> Traffic Signals, Lev. 2 - Bench	2 Yrs. Traffic Signal Work Experience & T/S, Lev.1
<input type="checkbox"/> Traffic Signals, Lev. 2 - Design/Engineering	2 Yrs. Traffic Signal Work Experience & T/S, Lev.1
<input type="checkbox"/> Traffic Signals, Lev. 2 - Construction	2 Yrs. Traffic Signal Work Experience & T/S, Lev.1
<input type="checkbox"/> Traffic Signals, Lev. 3	5 Yrs. Traffic Signal Work Experience & T/S, Lev.2
<input type="checkbox"/> Traffic Signal Inspector, Lev.1	No prerequisites are currently required
<input type="checkbox"/> Signs & Markings, Lev. 1	1 Yr. Signs & Markings Experience and MTTC
<input type="checkbox"/> Sign Technician, Lev. 2	2 Yrs. Signs & Markings Experience and S&M, Lev.1
<input type="checkbox"/> Pavement Marking Technician, Lev. 3	5 Yrs. Signs & Markings Experience and S&M, Lev.2
<input type="checkbox"/> Roadway Lighting, Lev. 1	1 Yr. Roadway Lighting Experience and MTTC

Supervisor/Job Title: (print legibly) \_\_\_\_\_

I verify that (please print) \_\_\_\_\_ has \_\_\_\_\_ required number of year(s) work experience and has successfully completed all IMSA prerequisite certifications.

*This form, with the supervisor's signature will be considered verification of course prerequisites.*

Supervisor Signature: \_\_\_\_\_

Supervisor Ph: \_\_\_\_\_ Fax \_\_\_\_\_ Email \_\_\_\_\_

I prefer to be reached by telephone. The best time is \_\_\_\_\_. [ ] I prefer to be reached by email.

**Course Reservation** - Fax this Form with your Registration Form to the fax number shown on the course registration.

**Retroactive Certification** Email this completed Form to Jeff Young, MI Section Cert. Chairman at youngj@wcroads.org