

Michiganite

Official Publication of the Michigan Section of the Institute of Transportation Engineers

Letter from the President By Carissa McQuiston, Michigan Department of Transportation



Welcome to 2019 MI ITE Section! Thanks again to Matt Hill, our past and current board members, and to all the volunteers that made 2018 a great year. I'm excited to come onboard as President this year and continue to lead us through the One

ITE changes you have heard so much about. Matt did a great job introducing what ITE International is expecting from the different districts and sections across the state in past MichiganITE newsletters. We will continue to transition to members being full international members and paying our dues through <https://www.ite.org/>.

Besides the big change in what and how we pay our ITE memberships, we are also transitioning to a new district with new states and partners. This is a great opportunity for networking at the district and international levels. If you have not been involved, make 2019 the year that you extend yourself within ITE. How can you do that? There are many avenues available to you. As a recent LeadershipITE (LITE) graduate, I can tell you that this program is top notch and really connects you to our organization. Not only do you learn or hone great leadership skills, your classmates are ITE members from all over the country (and world). You meet and are mentored by members of the International Board of Direction and get a bigger perspective of the organization that many of us have called our own for so long. In addition to LITE, the ITE International Meetings are another opportunity for networking and learning more about our organization. This year, the meeting will be a Joint ITE International and Texas District Annual Meeting and Exhibit in Aus-

tin, Texas. Everything is bigger in Texas, right? There are also plenty of opportunities to participate on various ITE International Committees and Councils.

For the MI Section in 2019 we have another great year of technical sessions, golf, and other outings to look forward to. Mark your calendars for our first technical session of the year – February 27th, 2019 at the MDOT Aeronautics building in Lansing MI. We will follow the March technical session with our 3rd ITE Trivia Night. We hope to see you all out there for this cross-Michigan event as Lansing looks to hold on to the coveted trophy for the third year!

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Letter from the President

We have an additional technical session scheduled in October and our December Annual Meeting. Our other social events for the year will be golfing and a Tiger's baseball game outing (dates to be announced soon). We will also have our Section Awards in line with the international awards.

Our student chapters continue to grow and we are proud to support their ITE activities. Look for opportunities to interact with these student members at our meetings and social events. We are hoping that this year will find our members more involved at the campus level. We have tremendous student talent in

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our state, and investing in them is an investment in our future. Please consider showing your support of our annual scholarships by participating in our outings or donating directly. This year we funded four students for a total of \$12,000 in scholarships.

Be an active part of ITE – invest in the organization that invests in you! Feel free to get in touch with me if any of the ideas above resonate with you and I can help connect you to your area of interest.

Carissa McQuiston can be reached at (517) 335-2834 or McQuistonC@michigan.gov.

Meet Your Director! Joyce Yassin, WSP



Joyce is currently a licensed Senior Transportation Engineer at WSP, with over 11 years of experience devoted to improving traffic safety in Michigan. Prior to WSP's acquisition of Opus, she contributed to saving lives by making our roads safer via various traffic and safety initiatives across Michigan. These initiatives included Regional Transportation Safety Plans, Road Safety Audits, and MDOT published research related to roundabouts, older drivers, delineation practices, commercial vehicles, and safety. In her current role, Joyce is excited to continue her efforts in traffic safety while expanding and sharing her knowledge in operations, design, and ITS related projects.

Joyce has been an active member of the Michigan ITE section since college, where having attended Wayne State University, received a Bachelor's degree in Civil Engineering in 2007. This was followed with a Master's degree in Civil Engineering (including a concentration in Transportation) in 2009. Currently, Joyce serves as the Michigan ITE Newsletter Editor and has spent nearly three years on the Technical Session Committee. Last year, she received the ITE Great Lakes District Rising Star Award followed by the ITE Michigan Rising Star Award which acknowledged her impact on the profession, demonstrated ability to

lead the next generation, and innovative techniques to solve transportation problems. Joyce's involvement in Michigan ITE has allowed her to form lasting relationships with transportation professionals. She is honored and excited to serve on the board to expand her involvement in the Chapter.

Joyce Yassin can be reached at (313) 963-4923 or Joyce.Yassin@wsp.com.

Save the Date!

2019 ITE Trivia Night April 11, 2019

Join us for a friendly competition with different locations. More details to come soon!



2019 Great Lakes District Annual Meeting

April 15th & 16th in Downtown Indianapolis

Click [here](#) for more info.



New Members of ITE Michigan Section

Michael Anderson

Jackson County Department of Transportation

Christopher Bolt

Jackson County Department of Transportation

Corey Clevenger

Jackson County Department of Transportation

Ben Gershman

Jackson County Department of Transportation

Angela Kline

Jackson County Department of Transportation

Brandy Solak

Federal Highway Administration

Bret Taylor

Jackson County Department of Transportation

Zachary Ruddick

Michigan State University

Kuilin Zhang

Michigan Tech University

David Rybacki

Mustafa Al-Akshar

Wayne State University

Mohamad L. Al-Sadoon

Wayne State University

Melody Harmon

Michigan Tech University

Jakob Janquart

Michigan Tech University

Matthew James Motz

Michigan State University

Kyle Michael Owen

Western Michigan University

Welcome to the Michigan Section of ITE!!

Do you want to become a member of the Michigan Section of ITE? If so, please visit our website at

www.iteimichigan.org or contact the

Section Secretary Mark S. Saksewski at

MSaksewski@fhgov.com.

ITE Michigan Section Awards By Hailey Savola, Hubbell, Roth & Clark, Inc.



ITE Michigan had another great year with recognizing people and projects that contributed to the transportation field in 2018. Congratulations to the 2018 recipients!

- **Dani Booms, PE** was presented with the **Young Member of the Year Award** to acknowledge her impact on the profession, demonstrated ability to lead the next generation and innovative techniques to solve transportation projects while still under the age of 35 years old.

- **Delhi Charter Township's** Realize Cedar project was presented with the **Transportation Achievement Award** to acknowledge the excellence in the advancement of transportation to meet human needs. **Tracy Miller (Delhi Charter Township)** and **Todd Sneathen (Hubbell, Roth & Clark, Inc.)** accepted the award on behalf of Delhi Charter Township and the project team.

- **Christopher Zull, PE** was presented with the **President's Award** to acknowledge his outstanding contribution to the practice of traffic engineering.

The Awards Committee, made of the following members: Hailey Savola, HRC - Chair; Heather Zull, TEA; Steve Stramsak, RS; Lisa Whitehead, Bergman and Christopher Zull, Progressive, is looking forward to another great year of applications and awards. Information has been posted to the ITE Michigan website and award applications are due by March 1, 2019.

For more details or if you have any questions, contact Hailey Savola at hsavola@hrcengr.com.

2018 Michigan Transportation Engineering Conference (MiTEC) & Michigan Section ITE Annual Meeting

The 2018 MiTEC and Annual Meeting, hosted by Jeffrey Bagdade with Atkins, was held on December 4th at Crystal Gardens Banquet Hall in Howell, MI. The event consisted of a lunch buffet, the announcement of the new board, the OneITE Initiative, and technical sessions detailing a variety of projects and topics.

Marc Chaput, American Center for Mobility presented the opening session. This was followed by two breakout sessions to discuss topics related to *Environmental Considerations, Connected and Automated Vehicles, Engineering Laws/Ethics, and Traffic Signals*. After

lunch, the keynote speaker Shawn Leight, CBB - St. Louis, MO & Past ITE President, provided an ITE International Update and presented on the *Downtown St. Louis Multimodal Study*. This was followed by another breakout session to discuss topics related to *Next Gen Urban Mobility and Traffic Device Showcase*.

Thank you to the Planning Committee for another successful event: Jeffrey Bagdade, Matthew Hill, Matthew Hunter, Carissa McQuiston, Ellen Nightingale, Mike Vigneron, Joyce Yassin

2019 Schedule of Activities

<u>Date</u>	<u>Location</u>	<u>Type</u>	<u>Host</u>
February 1, 2019	MDOT Brighton TSC	Board Meeting	Carissa McQuiston 517-335-2834
February 27, 2019	MDOT Aeronautics Bldg., Lansing MI	*ITE Technical Session	Carissa McQuiston 517-335-2834
March 1, 2019		ITE Awards Due Date	Hailey Savola hsavola@hrc-engr.com
April 11, 2019	Grand Rapids, Lansing and Detroit	Competitive Trivia Night	Matt Hunter 517-318-7566
April 15-16, 2019	Indianapolis, IN	2019 Great Lakes District Annual Meeting	Indiana Section ITE
May 30, 2019	Mystic Creek GC, Milford	Education Fund Golf Outing	Aimee Giacherio 616-363-8181
June 27, 2019	Lansing, MI	Board Meeting	Carissa McQuiston 517-335-2834
July 21-24, 2019	Austin, TX	Joint ITE International & Texas District Annual Meeting & Exhibit	ITE International
August, 2019	Detroit Tigers Game	Evening Baseball Game	Lia Michaels 248-454-6812
Fall TBD, 2019	Willow Wood GC, Portland	Fall Golf Outing	Tim Haagsma 616-242-6923 Aimee Giacherio 616-363-8181
October TBD, 2019	Kalamazoo, MI, TBD	*Technical Session	Matt Hill 313-310-8239
December 5, 2019	Costick Center Farmington Hills, MI	*Annual Meeting and Technical Session	Mark Saksewski 269-871-2554

* Session Includes Board Meeting

2019 Executive Board



*Pictured Left to Right:
Joyce Yassin,
Mark Saksewski,
Matt Hunter,
Lia Michaels,
Carissa McQuiston, and
Matt Hill*

ITE Fall Technical Session By Ellen Nightingale, HNTB

On October 4th, 2018 the ITE Fall Technical Session was held upstairs at The Rapid, also known as the Interurban Transit Partnership (ITP), in Grand Rapids. This session was hosted by Chris Zull at the City of Grand Rapids.

The morning session started out with Scott Knebel, ITE Great Lakes District President from Ohio, to discuss the OneITE initiative. He went over the changes to membership, districts, and the current considerations happening on each level of ITE.

The second session featured Brad Strader, MKSK discussing the updates to ITE's recommended multi-model practices. Feedback was recently sought at the ITE International conference in Minnesota, but is still on-going. Strader touched on appropriately assessing the economic benefits of facilities and developing a rational nexus for setting impact fees. In his case studies mentioned, a challenge discovered was how to consider approved planned developments not yet built when developing and funding new uses for the space. Increased collaboration and consideration was advised.

For the hot topics roundtable discussion, the attendees were broken into three groups to rotate between speakers. Brad Strader continued the conversation of gathering input for the best practices. Annaka Norris of Rich & Associates also gathered feedback on curbside management and gave an overview of the many different options the industry is evaluating for curb space. From ubers to buses, freight unloading to bikes, she emphasized how a curb use can change depending on the hour of a given day. Shopkeepers with only curb parking require a high turnover to be profitable. With modern data collection, dynamic prices to gauge demand can be an effective tool. Michael Vigneron of Anderson, Eckstein and Westrick discussed a recent project with bicycle detection.

The afternoon sessions began with Ron Brenke from ACEC Michigan giving an overview of all bills being considered in state congress that would affect the industry. Two notable bills were one that potentially would affect who could get a professional engineer-

ing license and the other would dictate pipe material based on the lowest cost of material alone. He urged everyone to know your politicians and build a relationship with them.

Carissa McQuiston, MDOT, shared a presentation given to bus drivers in tandem with the Michigan State Police to improve awareness and safety for school children. They reviewed different pedestrian applications, statistics, and best practices to arm bus drivers with knowledge.

The program ended with Dr. Savolainen of Michigan State University presenting on findings from a SHRP2 research project utilizing naturalistic driving. The dataset for this study included videos recording inside and outside the vehicles on over a thousand of drivers along with sensors on the car's braking, steering, and acceleration. Driver's behavior around curves were studied, as well as driver distractions. Dr. Savolainen left the group with these major findings:

Activity - Percent increase in a likelihood of a crash

- Talking/Singing - 64%
- Hygienic related (biting nails, brushing, etc.) - 103%
- Cellphone use - 216%
- Internal distraction requiring a change in the driver's position - 302%

For more information about this study and other insights, check out Dr. Savolainen's publication in the Journal of Safety Research: <https://www.sciencedirect.com/science/article/pii/S0022437517300178?via%3Dihub>

Special thank you to Chris Zull for organizing the venue and food. Thank you to all our speakers for coming and sharing your knowledge with the transportation industry.

Ellen Nightingale can be reached at enightingale@HNTB.com.

2019 Spring Technical Session

Register at www.itemichigan.org



INSTITUTE OF TRANSPORTATION ENGINEERS

MICHIGAN SECTION



Spring Technical Session – February 27, 2019 Lansing, Michigan

Location:

MDOT Aeronautics
2700 Port Lansing Rd,
Lansing, MI 48906

Meeting Schedule

Check-In/Registration		
8:00 am	Registration, Coffee & Networking	
Morning Session (2.5 CEH)*		
Time	Topic	Presenter(s)
9:00 AM	Road Agency Readiness: Preparing for ITS Technologies	Ahmad Jawad, Road Commission for Oakland County
9:30 PM	I-696 Project Overview	Alan Ostrowski, MDOT
10:00 AM	Break	
10:15 AM	Modified Bike Lane Configuration - Advisory Bike Lanes	Chris Zull, Progressive AE
10:45 AM	Panel: Mentoring	Richard Beaubien, Beaubien Engineering Barbara Arens, WSP Regine Beauboeuf, HNTB
11:45 AM	Lunch	
Afternoon Session (2 CEH)*		
Time	Topic	Presenter(s)
12:45 PM	I-375 Traffic	Sarah Binkowski, SEMCOG Dani Booms, HNTB
1:45 PM	Break	
2:00 PM	Speed Limits	Dr. Timothy Gates, Michigan State University
2:30 PM	Reconnecting the Downtown Grid: One-way to Two-way Street Conversions	Josh Bocks, AECOM
3:00 PM	Closing Remarks	

CEH = Continuing Education Hours

OneITE Initiative UPDATES

The One ITE Initiative was created to work towards delivering a consistent member experience; providing effective member support and; ensuring the long-term viability of ITE. One of the significant activities of the initiative is the realignment of the Great Lakes and Midwestern Districts.

MIDWESTERN/GREAT LAKES DISTRICTS REALIGNMENT

As you may recall, the Great Lakes and Midwestern Districts signed a joint resolution to realign the district boundaries to form two new districts – one comprised of the Illinois, Indiana, Michigan, North Central, Ohio and Wisconsin sections. The agreement also formed a task force to work out the details to have the new district fully operating by January 1, 2021. The transition task force has been formed and has started meeting via conference calls and plans to meet monthly. This team includes: John Davis, Tom Campbell, Carissa McQuiston, Dave Samuelson and Kristi Sebastian.

At present, the transition team is developing plans for a special election in 2019 of an individual from the Michigan Section to join the present Midwestern District Board starting January 1, 2020 to start the transformation of the board to lead the realigned district in 2021. Additionally, the team will be examining the future scheduling and rotation of annual district conferences. Afterwards, the team will tackle the other district operational items – administrative and programming.

Impacts to our Section

What is the impact to the Michigan Section? The Michigan Section will remain as you see it today in terms of geography and governance structure. The connectivity to ITE membership services is anticipated to be enhanced. The ability to network at a regional level will be enhanced with the new relationships with ITE members in the Illinois, North Central and Wisconsin sections. There will also be new opportunities to partner with ITE members in the Missouri Valley District. For those desiring to serve in leadership roles

of ITE, these opportunities will be increased and improved. One's member experience is generally what you make of it as much as anything, and this initiative will allow you to expand those opportunities.

TRANSITION OF SECTION AFFILIATES

A second activity of the OneITE Initiative is to transition those individuals who are section affiliates to full ITE membership. For the past 3 years, ITE has been in the midst of a series of positive changes, focused on both positioning ITE as the leading association for transportation professionals and providing our members an exceptional membership experience. ITE has enhanced our relevance and recognition in the transportation community. Our initiatives on Vision Zero, Connected and Automated Vehicles, Smart Communities and Transportation and Health have connected ITE with the issues and people shaping our profession. We have also delivered leading-edge products such as the ITE Trip Generation Manual 10th Edition, the Protected Bikeways Guide, the new Curbspace Management Guide, and, coming soon, Parking Generation 5th Edition.

Internally, we strengthened connections between ITE International, Districts and Sections so we can provide members with a consistent member experience regardless of their location, deliver more effective member support, and provide a suite of benefits to help our members excel as transportation professionals.

When you are a member of ITE, you are a member of a Section, District, and International. Being an ITE Member not only labels you as a transportation professional, but as a transportation professional who is in touch with ideas, people, and resources at the international, national, and regional levels and who uses this knowledge to bring the best solutions to their local community.

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OneITE Initiative UPDATES

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Beginning January 1, existing affiliates of the Michigan Section will be given an exclusive opportunity to join as a full member of ITE for 2019 and gain access to all the benefits of ITE membership, for the price of their yearly section dues. In 2020, they will be able to renew their membership with ITE at one half the price of regular dues including section dues.

Benefits of ITE membership include:

- **ITE Journal** – published monthly in hard copy and electronically,
- **SpotlITE electronic newsletter** – distributed bi-weekly electronically
- **ITE Talks Transportation Podcast** – available monthly
- **ITE Social Media** – distributed daily on Twitter, Facebook, LinkedIn and YouTube
- **ITE Community discussion forums** – available on demand at www.ite.org, exclusive to ITE members
- **International, District, Section Meetings** – discounts available to ITE members
- **ITE Technical Council participation** – available exclusively to ITE members
- **ITE technical products** – 33% discounts available to ITE members
- **ITE Library** – available exclusively to ITE members at www.ite.org
- **Professional Development webinars and training** – 33% discounts available to ITE members
- **Leadership ITE** – available exclusively to ITE members
- **Matson/Hammond Mentoring Program** – available exclusively to ITE members
- **Pdh tracking** – available exclusively to ITE members

Be on the lookout for emails beginning the first week of January, from membership@ite.org, that will give you details on how to take advantage of this offer. For those of you who choose not to take advantage of this offer and to join ITE as a member we encourage you to continue to be involved with the Michigan

Section as a friend of ITE. You should expect to pay slightly higher prices at section meetings as members will receive a discount. Our goal with this promotion is to give each affiliate the opportunity to evaluate the value of ITE member benefits for the same price that you were already paying for section membership. We hope you will seriously consider this as an offer to expand your access to the ideas, people and resources that can help you be a better transportation professional and grow your career.

If you have questions related to this section affiliate transition program, please contact Colleen Agan (cagan@ite.org), Senior Director of Membership at ITE.

Two Civil Engineers walk into a bar...

TechnicallyFunny.com



Luckily, NO one was hurt because both were wearing helmets.

2019 Executive Board & Committee Chairs

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Vice President:

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Hubbell, Roth & Clark
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Crawford, Murphy & Tilly (CMT)

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- Travel Time and Destination
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