Letter from the President
By Brent Schlack, Washtenaw County Road Commission

Congratulations!! This is for all the award winners we have within our ITE Section. At the International Meeting held in Toronto, Canada we had a couple winners. Our very own Editor-in-Chief Joyce Yassin was recognized as the Class of 2017 Rising Star and Macomb County Department of Roads also came away with an award for Transportation Systems Management & Operations (TSM&O) Council Best Project Achievement Award. If you see Joyce or staff from Macomb County please congratulate them on the award they received.

We've had quite a few great events since our last newsletter. In April, the Michigan Section hosted the Great Lakes District meeting in Ann Arbor and highlighted many great keynote speakers as described in our previous newsletter. The event had over 200 attendees, included vendors and offered numerous opportunities to earn professional development hours. In June we held the annual spring golf outing, and it was a huge success (as usual) – thanks to Aimee and the committee for another great year. This outing is our primary fundraiser for the ITE Education Fund. We capped the summer off in August with the Tigers Game, which was hosted by Hubbell, Roth & Clark, Inc.

I hope your summer was enjoyable and I look forward to seeing you at the upcoming technical session and the annual meeting.

Brent Schlack can be reached at (734) 327-6670 or schlackb@wcroads.org.

Table of Contents

Letter from the President ......................... 1
2017 Joint ITE/CITE Annual Meeting and Exhibit .... 2
Important Upcoming ITE Meeting Dates .......... 2
ITE Great Lakes District Meeting Report ............ 3
QLINE, Tigers, and Beer .......................... 4
New Members ...................................... 5
2017 Educational Fund Golf Outing .................. 6
2017 Student Paper Winner .......................... 7
Fall Technical Session Reminder .................... 7
Transportation Systems Management & Operations .. 10
ITE Learning Hub ................................... 11
Executive Board/Committee Chairpersons ............ 12
Advertisements ..................................... 12
2017 Joint ITE/CITE Annual Meeting and Exhibit

The Joint ITE/Cite Annual Meeting and Exhibit was held in Toronto, ON, Canada on July 30th through August 2nd, 2017 and brought together transportation leaders, professionals, students, and vendors to participate in networking events, seminars, technical tours, and workshops—all aimed at advancing individuals and the profession as a whole.

During the awards luncheon professionals and organizations were recognized for having excelled in their careers, including two local recipients.

Excellence in Transportation Awards

Council Award
Transportation Systems Management & Operations (TSM&O) Council Best Project Achievement Award-Macomb County Department of Roads, Traffic Operations Center, Mount Clemens, Michigan

Rising Star Program Award
Great Lakes District
Joyce Yassin, Opus International Consultants Inc.

The 2018 joint ITE International and Midwest/Great Lakes District Annual Meeting and Exhibit will be held in Minneapolis, Minnesota on August 20th through 23rd, 2017.

Important Upcoming ITE Meeting Dates

ITE Michigan Fall Technical Session
October 12, 2017
Van Buren ISD Conference Center
Lawrence, Michigan

ITE Michigan Annual Meeting & Technical Sessions
Deceme 8, 2017
Costick Center
Farmington Hills, Michigan

ITE International 2018 Annual Meeting and Exhibit
August 20-23, 2018
Hilton Minneapolis
Minneapolis, Minnesota
About 150 traffic engineers and other interested personnel from Indiana, Michigan, and Ohio attended the 2017 ITE Great Lakes District Annual Meeting this year on April 19 and 20, 2017. The conference was held at the Sheraton Ann Arbor Hotel in Ann Arbor, Michigan and was hosted by the ITE Michigan Section President, Brent Schlack.

The session kicked off with the ITE International President, Shawn Leight, discussing some of the changes and disruptors that are currently affecting the transportation industry. ITE appears to be well-positioned to meet the coming changes in the industry, thanks largely to the efforts of the staff and volunteers within the organization.

One of the biggest disruptors in the transportation engineering profession will be the rise of autonomous vehicles and connected vehicles. Kirk Steudle, Michigan DOT Director, has helped lead the state of Michigan to the forefront of research in these two connected fields. Director Steudle gave an update on the steps being taken within Michigan to accelerate development and testing of autonomous and connected vehicles with two testing sites. The first site is at mCity in Ann Arbor, where V2I (vehicle to infrastructure testing) is currently ongoing. The second site (the American Center for Mobility) is currently being built at the former Willow Run facility in Ypsilanti. Conference participants had an opportunity to tour mCity as a part of the conference. Andrew Smart from the American Center for Mobility gave further details about the development of the ACM, including details about a test loop around the site on former roadways that can be used for autonomous and connected vehicle testing. Lauren Isaac from EasyMile continued the discussion regarding autonomous vehicles, with her vision of electric driverless shuttles to supplement the current increasing usage of ridesharing services such as Lyft and Uber.

There were also 12 breakout sessions with the conference, covering a wide range of transportation topics including designing a smart city, interchange improvement projects throughout the Great Lakes District, pedestrian compliance studies, regional traffic operations centers, ITS collaboration between regions, active traffic management, and pedestrian/bicycle safety.

The conference was not entirely speakers and conference sessions; conference attendees took time out to attend the Great Lakes District Traffic Bowl, which pits students from universities within the District in a Jeopardy-style quiz show to determine whose school reigns supreme in terms of traffic knowledge. The winners from each ITE district then compete on an international basis to determine the school with the best traffic knowledge. Purdue University won the District competition this year. A hockey goal scoring challenge was also held after the Traffic Bowl, where the winner received tickets to the ITE Annual Meeting in Toronto. Ray Klucens from Michigan was the most accurate shot and took home the prize.

In short, it was another informative, fun filled, and successful ITE Great Lakes District Meeting. Here’s hoping to seeing all of you in Minneapolis for the combined Great Lakes District, Midwestern District, and ITE International meeting on August 20 through 23, 2018!

Steve Stramsak can be reached at (517) 230-7021 or sstramsak@rs-eng.com.
The Michigan Chapter of ITE was at it again and this time it was to cheer on the hometown Detroit Tigers. On Wednesday, August 23rd, 20 ITE members, friends, and family met at Hubbell, Roth & Clark’s (HRC) beautiful downtown office to enjoy pizza, drinks, and snacks. After pre-gaming at HRC’s Detroit office, it was a unanimous decision to take the newly built QLINE to the game. The QLINE picked up the group of eager transportation engineers at Congress Street and took them to Grand Circus, which is a block away from Comerica Park. It was the first time riding for many and the ride did not disappoint.

Once arriving at Comerica Park, it was time to root on our Tigers against the New York Yankees. The weather was perfect outside at 70 degrees and the seats were in the Pavilion near the bullpen. Unfortunately the Tigers were not able to deliver a victory, but the Michigan Chapter of ITE was victorious in having a fun night out with friends and family. A special thanks to the secretary of the Michigan Chapter, Lia Michaels, for organizing another successful event.

Nicholas Nicita can be reached at nnicita@hrc-engr.com.
New Members of ITE Michigan Section

John Bartlett  
City of Grand Rapids

Jeff Dornbos  
Dornbos Sign & Safety

Gentjan Heqimi  
Hubbell, Roth & Clark, Inc.

Nicholas Nicita  
Hubbell, Roth & Clark, Inc.

Hossam Abdell-All  
Macomb County Department of Roads

William Westrick  
Macomb County Department of Roads

Matt Clark  
OHM Advisors

Ken Mazurek  
Tetra Tech, Inc.

Kyle Ramakers  
Tetra Tech, Inc.

Tom Blust  
Road Commission for Oakland County

Christian Sax  
Explico Engineering

Shannon Ness  
Kimley-Horn & Associates, Inc.

David Conn  
OHM Advisors

Student Members

Raed Abdullah Hasan  
Western Michigan University

Sia MacMillan Lyimo  
Western Michigan University

MD Mehedi Hasan  
Western Michigan University

Odai Alhouz  
Western Michigan University

Fadi Alhomaidat  
Western Michigan University

Jacob Swanson  
Michigan State University

Brian Gammon  
Michigan State University

Mohammad Al Akash  
Western Michigan University

Cole Villalobos  
Western Michigan University

Ahmad Feizi  
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 contact the Section Secretary Lia Michaels at (248) 454-6812 or lmichaels@hrc-engr.com.
The ITE Educational Fund Golf Outing held its 25th annual benefit golf outing at Mystic Creek Golf Club in Milford, Michigan on Thursday, June 1st. The Michigan Section ITE Golf Committee would like to extend our thanks to all the firms that generously supported this year’s benefit golf tournament. This year’s golf outing was a success with a total of 111 golfers and absolutely gorgeous weather. There were 28 hole sponsors, which are all listed below. Additional thanks are extended to all of the outing participants. Many of you dug deep into your pockets to participate in the on-course challenge holes, raffle, and flagging tape which contributes to over 20 percent of the total profit. Congratulations to Tom Sereseroz, Bob Rayl, Joel Ingle, and Doug Parmalee who captured first place at the event with a score of 49. Last place went to Sarah Gill, Ted Williams, Mike Mozola, and Mike Richard.

This year, profits from the event totaled $11,201 which is the second highest amount benefitted. All the proceeds are deposited directly into the Michigan Section ITE Educational Fund. This fund is used to provide free attendance at Michigan Section meetings, to provide monetary awards for annual student research paper competition, to help defray students’ costs for attending national ITE and Transportation Research Board meetings, and to provide scholarships to worthy transportation engineering students at Michigan State University, Michigan Technological University, and Wayne State University. Thanks to all who made this event a success!

Hole Sponsors:
*Indicates Hole and Lunch Sponsor
- Billy Fields Cookies*
- Carrier & Gable*
- City of Dearborn
- Dornbos Sign & Safety Inc.
- Eberle Design, Inc.
- Fleis & VandenBrink
- Hubbell, Roth, & Clark, Inc.
- Integral Blue*
- Iteris, Inc*
- ITS Michigan*
- Mannik & Smith
- MDI Traffic Control Products
- MS2
- OHM Advisors*
- Parsons*
- Pelco Products Inc.
- Rathco Safety Supply, Inc.*
- RS Engineering
- RTC Manufacturing, Inc.*
- Sensys Networks*
- T.M.A. Rental Co.*
- Traffic Data Collection, LLC*
- Trinity Highway/Energy Absorption Systems, Inc*
- Union Metal Corporation
- Wade Trim
- WSP*

Other Contributors:
Bergmann Associates
Fabick, Inc.
Tim Haagsma
Joseph Marson
Kevin McCarthy
Gary Piotrowicz

Aimee Giacherio can be reached at (616) 363-8181 or agiacherio@wadetrim.com.
2017 Student Paper Winner

Congratulations to the 2017 student paper winners!

-1st Place $500 Award-
  Odai Alhouz
  from Western Michigan University
  "Effectiveness of Bicycle Signal and Bike Box for Improving Safety and Multimodal Mobility at Urban Intersections"

-2nd Place $300 Award-
  Fadi Alhomaidat
  from Western Michigan University
  "Cycling Risk Perception and Skill Level of Different Age Groups"

Effectiveness of Bicycle Signal and Bike Box for Improving Safety and Multimodal Mobility at Urban Intersections
By Odai Alhouz

With increase of the non-motorized transportation users, more people are concerned about the non-motorized safety. Statistics shows that the majority of pedestrian and bicycle crashes occur at or near to intersections on urban streets. For bicycle crashes, failing to yield/disregarding traffic control was identified as one of the main causes of bicycle crashes in Michigan. As a countermeasure to address such issues, more attention is paid to bicycle traffic signals, and how to improve the safety of bicyclists at urban intersections. This research paper will propose two main site improvements at the intersection of Seward & Winter Ave with Lake Michigan Ave in Grand Rapids, Michigan. The two main site improvements are: installing a leading bicycle signal along with a bicycle box. Site selection criteria was based on bicycle volume, crash record, and the existence of bicycle lane at the intersection. This paper will include a simulation traffic and safety analysis for the selected site by using VISSIM software. The main purpose of this paper is to investigate how the suggested bicyclist site improvement will affect the bicyclist safety, and how the behavior and perceptions of different road users will change after the installation of the proposed bicycle improvement. This paper consists of introduction, suggested site improvement, methodology, traffic simulation, and conclusion.

Odai Alhouz can be reached at Alhouz.odai@wmich.edu.

Reminder
Register for the upcoming
Fall Technical Session
October 12, 2017
Details are provided on the following pages.
Fall Technical Session – October 12, 2017
Lawrence, Michigan

Location:
Van Buren ISD Conference Center
490 South Paw Paw Street
Lawrence, Michigan 49064

Host:
Jim Hoekstra
Traffic Engineer
Kalamazoo County

Phone: (269) 381-3170 ex 274
Email: jhoekstra@kalamazoocountyroads.com

Meeting Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 AM</td>
<td>Registration, Coffee &amp; Networking</td>
<td></td>
</tr>
<tr>
<td>9:30 AM</td>
<td>Student Projects-Roundtable Dissertations</td>
<td>Western Michigan University Michigan State University</td>
</tr>
<tr>
<td>10:00 AM</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>10:15 AM</td>
<td>Who Knew? Trivia Competition @USDOTFHWA, @ITEhq, @NASETRB, @MichiganDOT</td>
<td>Julie Kroll, Fleis &amp; VandenBrink</td>
</tr>
<tr>
<td>11:15 AM</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>11:30 AM</td>
<td>Downtown Kalamazoo Planning and Environmental Linkage (PEL) Study</td>
<td>Matt Hunter, CDM Smith</td>
</tr>
<tr>
<td></td>
<td>Lunch</td>
<td></td>
</tr>
<tr>
<td>Noon</td>
<td>Buffet (Italian)</td>
<td></td>
</tr>
<tr>
<td>12:45 PM</td>
<td>Announcements and Awards</td>
<td></td>
</tr>
</tbody>
</table>

Afternoon Session (3.5 CEH)*

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 PM</td>
<td>Pedestrian and Bicycle Risk Scoring</td>
<td>Carissa McQuiston, MDOT Robert Hampshire, UMTRI</td>
</tr>
<tr>
<td>2:00 PM</td>
<td>V2I Connected Work Zone Technology <em>First Connected Work Zone in US, I-75 in Oakland County</em></td>
<td>Tom Huie, 3M Traffic Safety Division</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>Implementing Connected Vehicle Technology and Strategies: What You Should Know (part of the Technology in Transportation: Happening Today and Preparing for Tomorrow webinar series)</td>
<td>ITE Webinar</td>
</tr>
</tbody>
</table>

CEH = Continuing Education Hours
INSTITUTE OF
TRANSPORTATION ENGINEERS
MICHIGAN SECTION

Fall Technical Session – October 12, 2017
Lawrence, Michigan

<table>
<thead>
<tr>
<th>Name</th>
<th>Company/Retired/Student</th>
<th>Email</th>
<th>Vegetarian Meal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Fees:**
Includes lunch and continuing education seminars with up to **5.5 hours** of Continuing Education Hours (CEH). CEH certificates will be e-mailed to attendees after the technical session. **Please provide e-mail address to receive certificate.**

<table>
<thead>
<tr>
<th>Payment Due: October 1, 2017</th>
<th>Government /Retired</th>
<th>ITE Michigan Members</th>
<th>Non-Members</th>
<th>Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Payment/Registration</td>
<td>$25</td>
<td>$30</td>
<td>$35</td>
<td>$5</td>
</tr>
<tr>
<td>Late Payment/Registration</td>
<td>$30</td>
<td>$35</td>
<td>$40</td>
<td>$10</td>
</tr>
<tr>
<td>(after October 6th)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Walk-up Registration (October 12th)</td>
<td>$35</td>
<td>$40</td>
<td>$45</td>
<td>$15</td>
</tr>
</tbody>
</table>

Not a member? [Sign up now!](#) Already an ITE Michigan Member and need to pay dues, [Renew now!](#)
Questions: Lia Michaels, lmichaels@hrc- engr.com

**Payment:**

<table>
<thead>
<tr>
<th>Membership</th>
<th>Fee</th>
<th>Number of Registrants</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Government/Retired</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ITE Michigan Member</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Member</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Student</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Advance Payment with Credit Card**
  (Visa/MC/Amex/Discover): [Email](#) Registration Form and Pay Online (Enter Total Amount Due)
- **Advance Payment with Check**: Mail Registration with Payment
- **At the Door Payment Accepted**:
  Advance Registration Required
  [Email](#) Registration Form and pay at the door with Check or Credit Card (Visa/MC/Amex/Discover)
  (see additional fees for late payment)

**Mail Registration and Payment**
(checks payable to: **ITE Michigan Chapter**)
Road Commission of Kalamazoo County
c/o Jim Hoekstra
3801 East Kilgore Road
Kalamazoo, MI USA 49001
RE: ITE October 2017 Tech Session
Transportation Systems Management & Operations - TRB 2017
By Richard Beaubien, Beaubien Engineering

Over 14,000 people attended the Transportation Research Board Annual Meeting in Washington, DC, January 7-12, 2017. The program includes technical sessions with presentations, committee meetings, and exhibits. With events starting at 8 am and going until 9 pm or later, this is a marathon of transportation technology information sharing. During any given time, slot, there are many competing programs of interest. Discussed below are some of the highlights in transportation systems management and operations.

One of the Sunday morning workshops explored how traffic incident management can support transportation systems management and operations. Traffic Incident Management (TIM) programs fit under the broader topic of Transportation Systems Management & Operations (TSMO). While TIM can be implemented as a stand-alone program, it can also be a part of a broader TSMO implementation that includes a variety of tools, such as Decision Support Systems or Integrated Corridor Management programs. The workshop discussed how TIM supports the TSMO program. The panel discussion on using TIM to support decision support systems assumed that the decisions to be supported were those of the state department of transportation. However, the other players in the TIM process include first responders including police, fire, and ambulance which are not controlled by the state department of transportation. Although nationalizing TIM performance management may have benefits in terms of comparison for programming improvements in the process, it is important to remember that the partners in the process may have their own measures.

Another Sunday morning workshop covered traffic management decision support systems. Next generation decision support systems were considered a cornerstone for transportation systems management and operations.

The Institute of Transportation Engineers Transportation Systems Management and Operations Council met on Sunday afternoon. The Council plans a program of webinars on transportation systems management and operations. It also plans to help the Institute establish an identity in the Smart Cities arena. The Council will help the National Operations Center of Excellence execute its business plan by convening at NOCoe/ITE Work Group. A Connected Vehicle/Automated Vehicle Steering Committee has been established as a “go to” committee for ITE members.

The ITE Connected Vehicle/Automated Vehicle Steering Committee met later that same afternoon. The committee noted the AASHTO Challenge on Traffic Signal Phasing and Timing. A Signal Phase and Timing (SPaT) message defines the current intersection signal light phases. The current state of all lanes at the intersection are provided, as well as any active pre-emption or priority. The SPaT message can be obtained from a traffic signal controller via a standard query protocol and is broadcast by most DSRC roadside devices as a standardized data message. The challenge is for state and local public sector transportation Infrastructure Owners & Operators (IO&Os) to deploy DSRC infrastructure with SPaT broadcasts in at least one coordinated corridor or network (approximately 20 signalized intersections) in each state by January 2020. The challenge is intended to show the auto industry that public-sector infrastructure providers are serious about connected vehicles. The Committee identified the need to update the Uniform Vehicle Code.

A Monday podium session explored the implications of autonomous and connected vehicles on infrastructure design, construction, materials, and maintenance. A presentation by the Texas A&M Transportation Institute noted that high visibility vests worn in the work zone can be equipped with sensors that give a signal when vehicles are approaching the work zone.

The TRB Freeway Operations Committee met on Tuesday. There were reports from the AASHTO Subcommittee on TSM&O. The SPaT challenge was discussed. The Federal Highway Administration reported recent publications from TRB on TSM&O. Two of these are the Traffic Signal Timing Manual: Second Edition (NCHRP Report 812) and the Impacts of Connected and Automated Vehicles on State and Local Transportation Agencies (NCHRP 20-102).
Transportation Systems Management & Operations

Con’t from Page 10

A Tuesday afternoon podium session covered disruptive and transformational technologies affecting transportation. One of the speakers on this program was Peter Sweatman, previously head of the University of Michigan Transportation Research Institute and the Mobility Transformation Center. He is now with Cavitatrans and Econolite. This session discussed the implications of automated and connected vehicles.

A Wednesday morning podium session discussed Transportation Systems Management and Operations workforce development. The workforce focus here was state transportation agencies. Not all of the workforce to be developed has a civil engineering training and background. Hardly any universities teach this subject. State DOT workforce for TSM&O comes from other disciplines within the state DOT, and there is no clear career advancement path for these workers. When they are promoted, they are unlikely to be in TSM&O.

The TRB meeting and associated transportation association meetings during TRB week featured TSM&O more prominently in 2017. Automated and connected vehicles will be an important issue for transportation systems to manage. Although TRB is oriented to state highways, operations at the local level of government will be a key in making the whole system work. State departments of transportation control only about 10% of the traffic signals in the United States, so most of transportation system hardware for controlling traffic in locally owned, operated and maintained. Local transportation and public safety staff will need to be more engaged in the TSM&O discussion than they currently are.

Richard Beaubien can be reached at (248) 515-3628 or rfbeaubienpe@gmail.com.

ITE Learning Hub

As a transportation professional, you know that maintaining your skills is critical to your professional development and career success. ITE’s Learning Hub is your gateway to training resources to build and develop your skills or refresh existing ones. Its offerings delivers the knowledge you need to have to keep transportation moving.

For more information visit www.ite.org or click here.
2017 Executive Board & Committee Chairs

**President:**
Brent Schlack  
Washtenaw County Road Commission  
(734) 327-6670, schlackb@wcroads.org

**Vice President:**
Matthew Hill  
WSP  
(313) 310-8239, Matthew.Hill@wsp.com

**Treasurer:**
Carissa McQuiston  
Michigan Department of Transportation  
(517) 335-2834, McQuistonC@michigan.gov

**Secretary:**
Lia Michaels  
Hubbell, Roth & Clark  
(248) 454-6812, lmichaels@hrc-engr.com

**Director:**
Matt Hunter  
CDM Smith  
(517) 318-3663, hunterms@cdmsmith.com

**Immediate Past President:**
Paul Arends  
Michigan Department of Transportation  
(616) 451-2663, ArendsP@michigan.gov

**Affiliate Director:**
Tim DeWitt  
Carrier & Gable, Inc.  
(248) 477-8700, timdewitt@carriergable.com

**Great Lakes District Director:**
Hardik Shah  
American Structurepoint, Inc.  
(317) 547-5580, hshah@structurepoint.com

**Technical Committee:**
Julie Kroll  
Fleis & Vandenbrink  
(248) 536-0080, jkroll@fveng.com

**Newsletter Editor:**
Joyce Yassin  
Opus International Consultants Inc.  
(248) 539-2222, Joyce.Yassin@opusinternational.com

**Website:**
Adam McArthur  
Atkins Global  
(586) 489-2664, Adam.McArthur@atkinsglobal.com

**Education & Scholarships:**
Tim Haagsma  
Kent County Road Commission  
(616) 242-6901, thaagsma@KentCountyRoads.net

**Public Relations:**
Kevin McCarthy  
City of Farmington Hills  
(248) 871-2858, kmccarthy@fhgov.com

**Legislative State:**
Mark Bott  
Michigan Department of Transportation  
(517) 335-2625, bottm@michigan.gov

**Legislative Federal:**
Dave Morena  
Federal Highway Administration  
(517) 702-1836, David.Morena@dot.gov

**Nominating & Audit:**
Sheryl Soderholm Siddall  
Washtenaw County Road Commission  
(734) 327-6687, siddalls@wcroads.org
Thanks to all of our MichiganITE Newsletter Advertisers!!
For information on how YOU can advertise in the MichiganITE, contact Joyce Yassin at (248) 539-2222 or Joyce.Yassin@opusinternational.com.

Now Hiring. And We’re Growing Fast.

Join the team at MS2 and enjoy the excitement of a startup atmosphere with the stability of an established firm. We’re a small, tight-knit team offering you a chance to be part of a fast growing software company. We also offer top salaries and benefits and a relaxed office environment in Ann Arbor.

We are currently seeking a seasoned Project Manager to help solve our client’s transportation data management problems.

You must have:
• B.S. degree in Civil Engineering, GIS or related field
• Background in transportation or traffic engineering
• Outstanding oral and written communication capabilities
• A minimum of 5 years project management experience

Do you have what it takes?
Please email your resume and a cover letter to: hr@ms2soft.com

MS2 is an Equal Employment Opportunity employer
CARRIER & GABLE, INC.

24110 Research Drive
Farmington Hills, MI  48335
www.carriergable.com

Representing The Finest Manufacturers In The Transportation Industry For Over Seventy Years

TRAFFIC CONTROL
Signals ~ Controllers ~ Cabinets
Adaptive and Fixed Time Control
Priority Signal Control - EVP/TSP
Vehicle Detection Systems
Pedestrian Cross Walk Control
Rectangular Rapid Flash Beacons
Radar and Variable Speed Signs

ROADWAY SAFETY
Crash Cushions
Truck and Trailer Mounted Attenuators
Movable Safety Barrier
Portable Signs / Flexible Post
Traffic Poles and Mast Arms
LED Outdoor Lighting

INTELLIGENT TRANSPORTATION
Cellular and Radio Communication
Modems and Switches
Cameras / Enclosures

DATA COLLECTION
Travel Time and Destination
Vehicle Count / Class / Speed

SERVING 20 YEARS FOR SAFER ROADS

Traffic Data Collection
www.tdccounts.com

TDC has revolutionized the way to collect traffic data for transportation engineering projects and we place a high importance on collecting bicycle and pedestrian data. By using video, TDC is able to collect data, observe multi-modal activity, show interactions and apply our insight and experience into transportation projects.

Intersection Count / Road Volume Data / Roundabout Count / Vehicle Gap Data / Pedestrian & Bicycle Pathway Count / 24 & 48 Hour Video Data Recording.

Phone (586) 786-5407 Marc Matich, Principal, www.tdccounts.com