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ITEms 2016, Issue 3



ITEms Edited by: Ashley Hochstatter (HDR, Inc.) - illinoisite.editor@gmail.com

PRESIDENT'S MESSAGE

By Tracy Shandor, Kimley-Horn

Summer Recap

The Illinois Section has been busy this summer starting off by hosting the very successful Midwestern and Great Lakes District Meeting! At the meeting the Section was recognized for the second consecutive year by the District with the Section Activities Award! Congratulations to everyone that has helped to make the Section stand out in our District by attending and helping to plan our events. We hope everyone had an opportunity to meet the ITE International leadership that was in attendance at the meeting, including Jeff Paniati - Executive Director and CEO of ITE, Paula Flores (Benway) - International President, Shawn Leight - International Vice President, and Michael Sanderson - Incoming International Vice President. If you attended the meeting, please take a moment to fill out [this survey](#) to help us when hosting the event again in 2020! If you enjoyed the event, be sure to mark your calendars for the next District Meeting to be held at the Concourse hotel in Madison next year Sunday, June 17 through Tuesday, June 29. In addition, you can download presentations from the meeting [here](#).



Tracy Shandor

Following the district meeting, we hosted our summer social event and enjoyed views of the city from the roof of Kensington Roof Garden. Then, partnered with WTS, we headed out to Bloomingdale for a fun day of golf. In addition to the district meeting, we continued our technical program this summer by hosting two webinars and two workshops: the Roundabout Workshop, held prior to the district meeting, and the Traffic & Transportation Engineering Workshop, held this past weekend. Read more details about what we have been up to later in this issue of ITEms.

Annual Meeting

As the Section President I had the opportunity to represent the Section at ITE Annual Meeting which was held in Anaheim this past August. It was a wonderful experience getting to interact with other members and leaders around the country as well as ITE International Leadership and staff. Congratulations to Shawn Leight from the MOVITE Section who was installed as the incoming International President at the meeting. If you have not had the opportunity to meet Shawn in person, he is planning to attend our Annual Banquet in January next year.



Though not technically part of our Section, many of our members may be happy to learn that Purdue University took home a victory at the 2016 Traffic Bowl Grand Championship. The event features champions from the Canadian ITE district and the eight US ITE districts. Congratulations Purdue University! Our District representative, University of Minnesota, had a strong showing as well and was ultimately defeated by Clemson University prior to moving on to the finals.



I look forward to attending the Annual Meeting again and encourage others to do so as well. Next year, the meeting will be held in Toronto July 30th through August 2nd, and definitely mark your calendars for 2017,

when the Midwestern District Meeting will be held in conjunction with the Annual Meeting in Minneapolis, August 20th through 23rd.



Fall Activities

If you are looking for more opportunities to interact with others in the profession and to earn additional PDHs, sign-up for the Traffic Engineering and Safety Conference (TES), which will be held at the iHotel & Conference Center in Champaign October 19th and 20th. You can register for the event [here](#).

We look forward to seeing everyone at our next meeting on Monday, September 26th, our joint meeting with ISPE Rockford in November, and the Winter Social. Look for more information about these events in the weeks to come!

CALL FOR CANDIDATES!!

ITE will be holding elections for the Illinois Section Board in November. The Nominating Committee is searching for candidates for Treasurer and three Director positions (Activities, Operations, and Student Affairs). If you are interested in running for a Board position, or learning more about what is required, please contact Illinois Section Vice President John Wirtz at john.wirtz@jacobs.com by the end of September.

In this Issue: [Illinois Section News](#) | [ILITE Past Events](#) | [Professional Development](#) | [Legislative Corner](#) | [Calendar](#) | [Professional Directory](#)

Illinois Section News and Announcements

Student Affairs News and Announcements

By Student Affairs Director Craig Jakobsen, P.E.

YPT/ITE/WTS/COMTO Speed Networking Event in Chicago, end of October

The ITE Illinois Section will be hosting a Speed Networking Session for students at the end of October in Chicago. We are partnering with YPT (Young Professionals in Transportation), WTS (Women's Transportation Seminar), and COMTO (Conference of Minority Transportation Officials) to make sure that you as a student have a chance to network with people from many different sub-fields and organizations

with Transportation. Emails with further details will be going out to each student chapter soon. Contact Craig Jakobsen at illinoisite+studentaffairs@gmail.com for more details in the meantime.

2016 Student Scholarship and Student Paper Competitions

The ITE Illinois Section is proud to announce that we are continuing the Scholarship and Student Paper Awards this year. The awards will be presented at the ITE Illinois Section Annual Banquet in January 2017.

Scholarship

The ITE Illinois Section Scholarship Awards are presented annually to one graduate student and one undergraduate student who have demonstrated a strong interest in the transportation field through their coursework, a personal statement, faculty recommendation, and several other criteria. The awards, in the amount of \$2,000 each, are to provide partial financial support to students considering Transportation Engineering or Planning in their future career aspirations.

Student Paper

Graduate students are also provided the opportunity to submit a written paper on a transportation engineering or planning topic for the chance to be awarded \$1,000 in the 2016 ITE Illinois Section Student Paper Award Competition. The papers are judged on scope and format, originality, applicability to the field, validity, and significance. The student paper award recipient for the Illinois Section is also automatically entered into the Midwest ITE Student Paper Competition.

The applications and general information for these awards will be sent later in September to all participating universities, existing ILITE student members, and will be posted on the Illinois Section website (www.ilite.org). All submittals for the scholarships and paper competition will be due **Friday, December 2, 2016** by 11:59 PM. In the meantime, please contact Craig Jakobsen at illinoisite+studentaffairs@gmail.com for more information or if you have any questions.

Public Affairs News and Announcements

By Public Affairs Director Monica Shei

Boy Scouts Traffic Safety Merit Badge:

Illinois ITE is looking to partner with a local Boy Scouts troop in the Chicagoland area in regards to the Traffic Safety Merit Badge program! If any of our membership has experience, ideas, or is involved with their own local troop and would like to get involved, please contact Monica Shei at monica.shei@jacobs.com for further coordination.

[Call for Volunteers for 2017 National Scout Jamboree Traffic Safety Merit Badge Booth Staff](#)

ITE International Liaison Committee Members:

Illinois ITE is interested in expanding our coordination with ITE International Committees and to expose more members to these volunteer opportunities. If you are interested in an opportunity to serve as a liaison member or have had experience in an ITE International Committee, please contact Monica Shei at monica.shei@jacobs.com for further coordination. More information can be found here: <http://www.ite.org/councils/index.asp>.

Operations News and Announcements

By Operations Director Katelyn Bleach

ILITE Website

Work on the section website has been ongoing and should be completely updated soon. If you see something on the website that still requires updating, please don't hesitate to let us know. As always, we will also be using our social media to let our members know about upcoming events, so be sure to check those as well. [Visit our Website!](#)

ITEms

Have a newsworthy story or an idea for an article? Want to advertise your business and place an ad in ITEms? Have a job posting and want to get the word out? Tell ITEms all about it! Send your article submissions to the editor: Ashley Hochstatter at illinoisite.editor@gmail.com and all advertising requests to illinoisite+operations@gmail.com

Activities News and Announcements

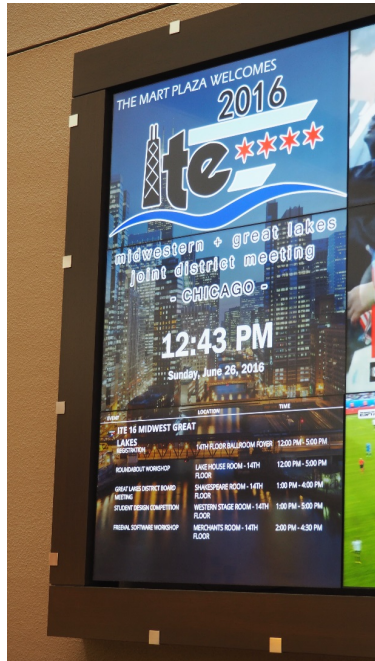
By Activities Director Sanjay Joshi

Please join us on September 26 for our September Luncheon on Cook County's Long Range Transportation Plan, presented by María Choca Urban, Director of Planning and Development. The luncheon will take place downtown Chicago at River Roast beginning at 12:00 PM. Last day to register is Friday (September 23rd). Check out the [Upcoming Events](#) section of this issue for more information about this event.

What Has The Illinois Section Been Up To?

2016 Midwestern and Great Lakes District Meeting

Erik Cempel and Josh Harris, Co-Chairs



Over three perfect, warm, and sunny days in June, nearly 350 people gathered from across the Midwestern and Great Lakes District states in the heart of Chicago to discuss The Changing Face of Transportation.

The joint 2016 Midwestern/Great Lakes District Conference, one and a half years in the making, was held June 26-28 at the Holiday Inn Chicago Mart Plaza. The conference in numbers represented 14 states and included 16 podium sessions; two (2) poster sessions; three (3) keynote presentations and discussions; three (3) technical tours; six (6) "official" social events; six (6) student events; 21 vendors; and 24 sponsors.

The event provided an opportunity for attendees to network with a diverse group of transportation professionals and to experience a robust technical program focusing on the latest trends in transportation. All of this was done in the heart of downtown Chicago's famous restaurants, shops, and attractions.

After District Board Meetings and technical workshops on Sunday, several ITE International dignitaries kicked-off the conference on Monday, including Michael Sanderson, PE, PTOE, LEED AP, ITE International Vice Presidential Candidate, and Paula Flores (Benway), FITE, ITE International President.



Mr. Sanderson spoke of what ITE has meant to him, and how important it has been for him to "step up" when opportunities to serve ITE have arisen. He stressed how one gets out of ITE what one puts into it. President Flores updated attendees on the latest work and initiatives by ITE International.

President Flores also introduced another ITE dignitary - and the opening session's keynote speaker - Jeff Paniati, Executive Director and CEO of ITE International. Mr. Paniati added to Ms. Flores' ITE updates, but then moved to focus on the theme of the conference: The Changing Face of Transportation. He highlighted trends across the US that point to a changing function of transportation, changing delivery,

changing technology, changing demographics of the users, and a need for changing education.

With this he set the background for Monday's lunch roundtable discussion, which he moderated. Our distinguished panel consisted of three sitting state DOT transportation directors: Randall Blankenhorn

(Illinois); Kirk Steudle (Michigan); and Charles Zelle (Minnesota). Each spoke of the challenges they face in their states under a changing environment, but also some exciting opportunities related to emerging fields such as shared mobility and autonomous and connected vehicles.



Monday's Lunch Roundtable: The Changing Face of Transportation

Tuesday's lunch roundtable expanded upon this last topic, when Jim Barbaresso moderated presentations from Bob Frey (Planning Director, Tampa-Hillsborough Expressway Authority); Tasos Karahalios (Portfolio Director, IDEO); and Matt Smith, PE (ITS Program Manager, Michigan Department of Transportation). Each presented from a different perspective on the opportunities in connected and autonomous vehicles.

The District conference also always provides an opportunity to honor the great successes of ITE members throughout the year. A few of the awards included Shawn Leight receiving the Transportation of the Year Award, Kenneth Voigt receiving the Distinguished Member Award, Jennifer Pangborn receiving the Rising Star Award, the Village of Skokie receiving the 2016 Transportation Achievement Award for Design, and the IL ITE Section receiving the Activities Award.

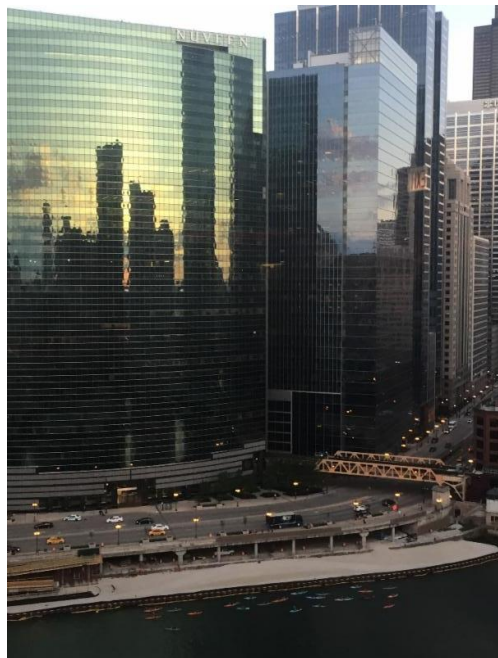


Village of Skokie, winners of the 2016 Transportation Achievement Award for Design

The conference also hosted several student-focused events, including a poster competition, the student design competition, and the Traffic Bowl, in which University of Minnesota beat out University of Illinois - Urbana/Champaign and Iowa State in the Championship Round.



Student Traffic Bowl



Our intrepid kayakers on the Chicago River.

Participants embarked on several technical tours that got them out of the confines of the hotel and into various neighborhoods of Chicago. Tours highlighted recent transportation and civic successes: the ongoing expansion of the Riverwalk; Loop Link BRT; and the 606 Bloomingdale Trail.

The conference wasn't all about work. The conference welcomed attendees on Sunday at the Get Acquainted Social at Bull and Bear, and kept the fun going with events like the River Kayak Tour (to express the Districts' true commitment to multimodal transportation); the world-famous Second City Improv; a student Chicago-style pizza party; a happy hour for Leadership ITE participants; and a joint ILITE/YPT Chicago Chapter happy hour.

We sincerely hope you enjoyed the conference and benefited from your time there, not only learning but building business and better friendships among your industry colleagues. A well-executed conference is not an accident: it's the result of one and a half years of dedication from the talented members of the Conference Planning Committee. To them the co-chairs are eternally grateful.

Finance/Registration Chair - Tracy Shandor
 Room and Board Chair - Ryan Jacox
 Technical Program Chairs - John Wirtz and Steve Loveland
 Visiting Chicago Chair - Katelyn Bleach
 Media Chair - Monica Shei
 Senior Advisors - Chad Hammerl, Matt Hill, Tony Jones, and Hardik Shah
 Committee Members -

- Ray Benekohal
- Jenna Brose
- Ryan Bush
- John Corbin
- John Davis
- Kelly Dunne
- Megan Flaherty
- C. Frangos
- Tom Glueckert
- Ashley Hochstatter
- Craig Jakobsen
- Kalpana Kannan-Hosadurga
- Matt Letourneau
- Zhong Li
- Colleen Lichtenberger
- Brian Miller
- Patrick O'Connor
- Mike Phan
- Brian Roberts
- Abrar Siddiqui
- Tim Sjogren

ILLINOIS ITE 2016 SUMMER SOCIAL EVENT

The annual summer social on July 14 at Kensington Roof Garden was a hit! Nearly 30 professionals enjoyed the hot summer evening with gorgeous views from the rooftop, a beverage (or three), and networking with peers. The hidden alley entrance wasn't able to deter anyone from this opportunity to catch up with fellow transportation engineers. Friends, colleagues, and even a couple new faces discussed upcoming projects, summer plans, and everything in between. The Activities Committee did a great job finding this unique venue and making sure everyone had a delightful evening.



ILLINOIS ITE/WTS 6th Annual Golf Outing

By: Activities Group Director, Sanjay Joshi

After a short period of some rain showers, the weather cooperated for the 6th Annual ITE/WTS golf outing. Over 50 transportation professionals enjoyed some time away from the office at Bloomingdale Golf Club and helped raise over \$2,200 for transportation student scholarship. A big thank you to Quality Counts and TranSmart Technologies for providing 'swag' bag goodies and the several firms who helped sponsor the event!

Hole Sponsors:

STV
Stanley Consultants
Stantec
Baxter & Woodman
Civiltech
WSP PB
CMT

Tournament Sponsors:

HDR

Bowman, Barrett & Associates

A special thank you to John "Tex" Mick for helping with the event. John sold Mulligans for Scholarship funds and for taking pictures.

Attendees of the outing took part in some friendly competition during the outing. Winners of the various contests included:

Best Team Score:

Mike Rechterik (V3)
Peter Reinhofer (V3)
Jeff Kline (V3)

Most Honest Team Score:

Michelle Ross (AECOM)
Julia Suprock (AECOM)
Jenny Gantumur (Civiltech)
Nicole Firnbach (Fuhrmann)

Longest Drive:

Male - Tom Slattery (Baxter & Woodman)
Female - Darlene Milanowicz (Village of Oak Forest)

Longest Putt:

Male - Mike Moes & Kyle Peabody (CMT)
Female - Darlene Milanowicz (Village of Oak Forest)

Closest to Pin:

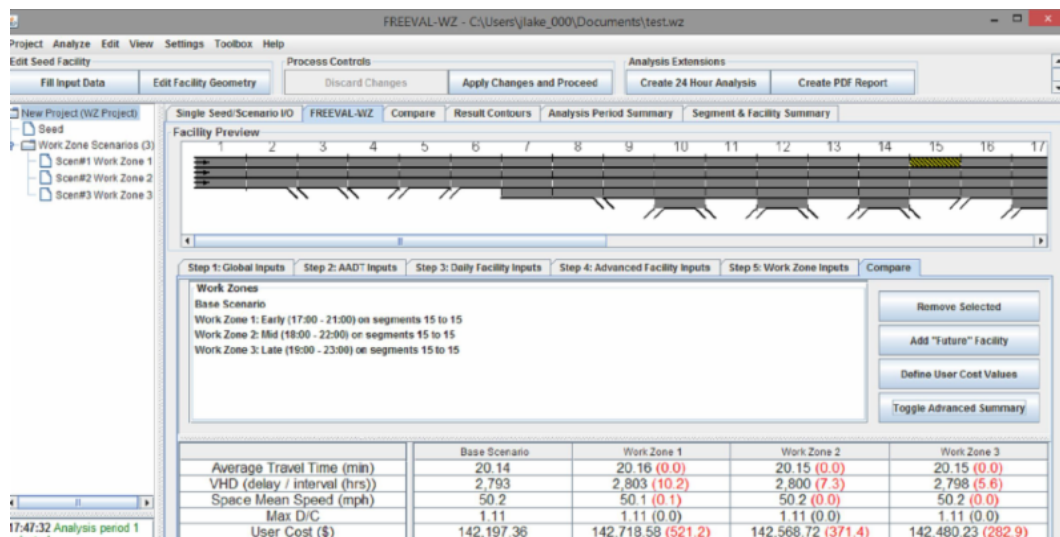
Male - Mike Phan (Stantec)
Female - Darlene Milanowicz (Village of Oak Forest)



A Review of the Institute of Transportation Engineers (ITE) Webinar: Using Technology for Practical Purposes in Work Zones

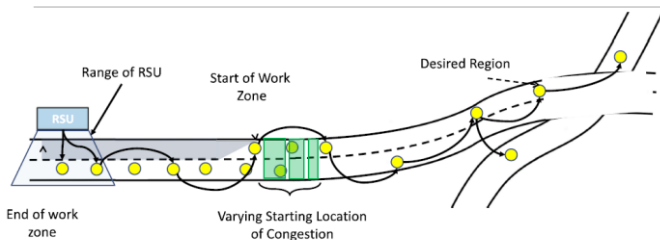
By: Jenna Brose, AECOM

On July 12th, 2016 the Illinois Section of ITE hosted a Snack and Learn for the TRB webinar: Using Technology for Practical Purposes in Work Zones. The first portion of this webinar covered how to apply the Work Zone module of FREEVAL with speakers **Bastian Schroeder** from **Kittleson and Associates** and **Behzad Aghdashi** from **North Carolina State University**. FREEVAL is free tool that implements the HCM 6th Edition Freeway Facility Analysis. The Work Zone module of FREEVAL is sponsored by NCDOT and is to be used for planning level assessments of work zone scenarios and user costs. In order to use FREEVAL software a number of inputs are necessary including roadway geometrics and AADT's. The software can then compare the performance of multiple work zone scenarios (from different lane configurations to varying the time of day closures occur) to the non-work zone scenario in terms of travel time, delay, speeds, and user cost. From here, the user can select the work zone setup that best suits their needs.



Comparison of Work Zone scenarios in FREEVAL WZ

The second portion of the webinar covered "Delivering In-Vehicle Messages in Temporary Work Zones" with speaker Navin Katta from Savari Inc. This presentation focused on SmartWorkzones, these work zones use a dedicated short-range communication (DSRC) system to transmit messages to drivers upstream of the work zone making them aware that they are approaching a work zone area. Various case studies have been conducted regarding SmartWorkzones and it was found that through message hopping drivers can be informed from a much greater range (2 miles) about lane closures and travel times through upcoming work zones.



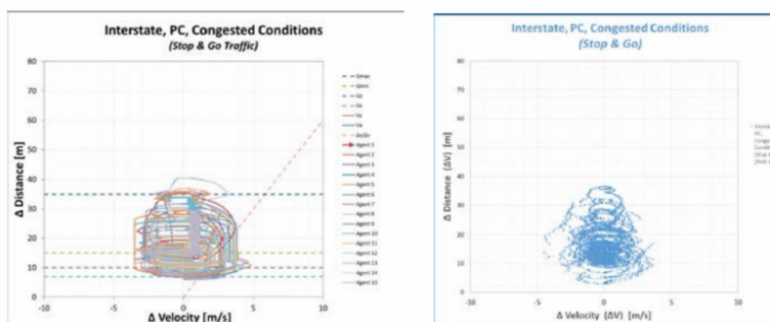
Schematic of Message Hopping

The final piece of the webinar was titled Moving FHWA Work Zone Driver Model towards Practical Application with speaker Andrew Berthume from USDOT Volpe Center and Chris Melson and Taylor Lochrance from Turner Fairbank Highway Research Center. FHWA has identified microscopic models as having the potential to better predict work zone operational impacts, however in order to do so the car-

following behavior in work zones needs to be accurately simulated. Currently this study in the midst of collecting and processing car following data from various work zones in order to create a calibrated and validated car following model. Ultimately, they are working to make this work zone software compatible with VISSIM.

The Technical Group looks forward to doing more viewings this year. We want to thank all the attendees for participating in the event and AECOM who was

generous to offer their conference room.

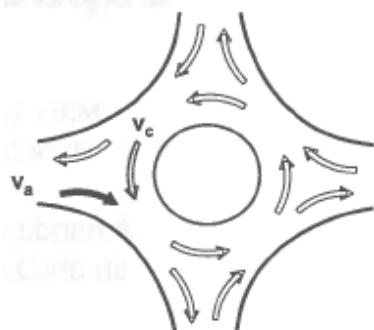


Comparison of Calibrated Model (Left) versus Field Data (Right)

A Review of the ITE Workshop: Roundabout Design and Software Training

By: Jenna Brose, AECOM

On June 26, 2016 the Illinois Section of ITE hosted a Training Workshop titled Roundabout Design and Software Training with **Mark Lenters, P.E.** and **Amanda DeAmico, P.E.** of **GHD Inc.** This was a 5 hour workshop covering roundabout planning and site selection, analysis software, and the design process. There are many benefits associated with roundabout implementation including safety, operational, and environmental. Roundabouts see a reduction in fatal and injury crashes, hours of delay throughout the day and fuel consumption, improving air quality. They also provide improved aesthetics. However, they can be difficult to implement where there is currently a coordinated signal system, significant right-of-way impacts, steep grades, and nearby railroad crossings. Many states have started using intersection control evaluations (ICE) to determine roundabout feasibility. ICE reports screen various traffic control alternatives by means of quantitative outputs such as operations (delay), safety (crash data) and cost as well as some qualitative measures such as accommodation of peds and bikes and aesthetics. Each alternative is then given a score based on how they ranked on the above criteria.



The sum of entering vehicles (V_a) and circulating vehicles (V_c) is used for capacity estimates.

The next portion of this workshop discussed roundabout capacity and analysis software. The FHWA provides general guidance on roundabout lane capacity based on the sum of entering vehicles (V_a) plus circulating traffic (V_c). FHWA estimates that when this values is 1,100 vehicles per hour (vph) or less a single lane roundabout should work, 1,100 to 1,300 vph a single lane may work, and 1,300 to 1,800 vph a dual lane should work. These are planning level estimates; to get a more detailed analysis the designer may utilize roundabout analysis software such as Arcady, Sidra, HCM, Vissim, Paramics, Synchro or Aimsun. Each of these programs has their limitations and the preferred software may vary depending the projects timeline, cost and complexity.

The Technical Group looks forward to doing more viewings this year. We want to thank all the attendees for participating in the event.

Traffic and Transportation Engineering Workshop

The Traffic and Transportation Engineering Workshop was organized by Illinois section of Institute of Transportation Engineers (ITE). The workshop was intended to provide a comprehensive overview of traffic and transportation engineering to the transportation professionals in the field. Moreover, the intent of this workshop was to enable the engineers to understand the engineering concepts as well as explore engineering strategies in solving urban and rural transportation problems to facilitate the management of transportation systems.

A 2-day workshop on September 7th and 8th in 2016, was conducted by the Center for Public Safety of Northwestern University, located at George W Dunne Cook County Administration building in downtown Chicago. There were two experienced instructors, namely, **Professor Robert Seyfried** and **Mr. Joe Wesner, P.E.** who gave lectures during this workshop. Both of them lectured about interesting topics and presented passionately in the areas of challenges and conventional traffic engineering practices. They also shed lights on their innovative thought process in tackling various challenges they came across in different aspects of transportation design, operation, and safety.

There were 23 participants from a variety of public and private agencies that attended this workshop. The participants were very enthusiastic with their questions to the instructors. At the end of each topic area, they participated in group discussion by sharing their experiences with different challenging aspect of traffic and transportation engineering work they are currently involved in. The lectures covered wide range of interesting and challenging topic areas such as:

- Intersection Analysis and Control
- Traffic Signal Operation
- Access Management
- Traffic Calming Techniques
- Principles of Geometric Design
- Intersection Design and Channelization
- Design and Operation of Roundabouts
- Pedestrian Facility and School Zone Planning and Design
- Bicycle Facility Planning and Design

The classroom was equipped with modern facilities, which helped instructors coordinate throughout the workshop. The Center for Public Safety at Northwestern University and ITE Illinois section provided 15 Professional Development Hours (PDH) to the participants for successfully completing the workshop. The participants also provided the feedback to the instructors on the quality of course materials, presentation and overall discussion of topic as part of the course evaluation set by the Center for Public Safety at Northwestern University. The participants received a flash drive with the course material and training supplies for this workshop.

For further queries, please do not hesitate to contact the Technical Group at illinoisite+technical@gmail.com.

Professional Development Seminars

65th Annual Traffic Engineering and Safety Conference

Registration for the [65th Annual Traffic Engineering and Safety Conference](#) is now open!

Dates: October 19 and 20, 2016 with pre-conference activities on October 18

Location: [Hotel and Conference Center](#), Champaign, Illinois

2016 Registration Fees

\$150.00 per person and includes the Wednesday Luncheon

Onsite Registration Fee: \$160.00 per person (After October 17)

[REGISTER NOW!](#)

Interested in exhibiting at or sponsoring the 65th Annual Traffic Engineering and Safety Conference?

[Exhibit and Sponsor Opportunities](#)

If you have any questions, please contact Megan Everette at meganev@illinois.edu or 217-333-9672.



NACTO Urban Bikeway Design Training

Tuesday, September 20, 8:30 am - 3:00 pm

Normal Public Library, 206 W. College Ave.

Registration - \$100, NACTO Guidebook - \$40

The day after the summit, professional engineers and planners will be the primary intended audience for a training on NACTO's Urban Bikeway Design Guide and related suburban/rural content. The highly-acclaimed class will be taught by T.Y. Lin International's Nate Roseberry, with 6 continuing education credit hours available for engineers and planners.

Participants will learn state-of-the-practices for on-street bikeways, based on lessons learned from the world's best bicycling cities. The design charrette format incorporates classroom and field activities, and provides a forum for dialogue and engagement between engineers, planners, and other professionals.

Objectives:

- Become familiar with innovative bike facilities covered in the Urban Bikeway Design Guide, including cycletracks, protected bike lanes, and bicycle boulevards.
- Learn how to tailor on-street bikeway solutions to local communities
- Apply principles of the Urban Bikeway Design Guide, including short-term and long-term strategies
- Learn appropriate context and warrants for facility implementation.

[More information.](#)

ITS Midwest Hosts Professional Capacity Building Training

Wednesday, October 12, 2016
Indiana State Police Museum
8660 East 21st Street
Indianapolis, Indiana
10:00 A.M.-3:30 P.M.

Connected Vehicle 102 - Applications and Planning for Implementation

Audience: Anyone who is interested in learning more about the Connected Vehicle Program and its benefits and implications for public agencies.

This 4 hour instructor-led workshop provides details about the two categories of connected vehicle initiatives: Vehicle-to-Vehicle (V2V) and Vehicle-to-Infrastructure (V2I). The purpose of CV 102 is to describe and explain the various connected vehicle applications, how they work, and what needs they might address, including when an agency might want to pursue their use. The course will describe initial considerations for deploying the enabling technology such as: identifying regional and local transportation needs and challenges and setting performance goals and targets. The workshop also provides implementation information and considerations to help agencies get started incorporating connected vehicle solutions into their transportation planning process. The objective of the workshop is to prepare transportation managers, project engineers, and operations staff for participating in a connected vehicle pilot deployment. This might also be of interest to automotive component and communication system manufacturers, researchers and any others who may play a role in deploying V2V and V2I technologies at some point in the future.

This workshop answers the following questions:

- How can connected vehicle applications be used to solve transportation challenges?
- What applications are used in the connected vehicle program?
- How do agencies plan, design, and implement connected vehicle applications to operate within the existing infrastructure?
- What are the communication and security requirements to deploy connected vehicle applications?
- What are the data considerations?
- What resources are available from the Connected Vehicle research program?

This workshop (training) is available at no cost to registrants. To register for this PCB Training Class, please complete the following [registration information](#) and email your completed form to **Dan Shamo (AECOM)** at dan.shamo@aecom.com. Mr. Shamo may also be reached by phone at (317) 532-5423. Registrations must be submitted no later than Tuesday, September 27, 2016. Free parking is available at the ISP Museum location.

This PCB class will begin at 10 a.m. and conclude at approximately 3:30 p.m. There will be a lunch break. Several restaurant options are available nearby. AS A BONUS FEATURE - A 30 MINUTE TOUR OF THE InDOT TMC AND THE HOOSIER HELPERS OPERATIONS WILL BE OFFERED TO CLASS ATTENDEES A HALF HOUR PRIOR TO, AND A HALF HOUR AFTER, THE CVS102 CLASS. The InDOT TMC is located across the street from the Museum. All are welcome to attend.

We look forward to your participation in this upcoming PCB training.

ITS Midwest Hosts Professional Capacity Building Training

Tuesday, November 1, 2016
Illinois Department of Transportation
Hanley Building Headquarters
2300 South Dirksen Parkway
Springfield, Illinois
Lower Level Auditorium
10:00 A.M.-3:30 P.M.

Connected Vehicle 201 Understanding the Connected Vehicle Technical Environment: Preparing for Future Connected Vehicle Deployment

Audience: Transportation operations/traffic engineers or managers, public or private who want a better understanding of the enabling technologies involved in vehicle to vehicle and vehicle to infrastructure deployment.

This 4-hour workshop is the third in a series of Connected Vehicle courses offered by the ITS JPO Professional Capacity Building program. CV 201 broadens each participant's understanding of the technology and systems engineering activities required to support a connected vehicle environment through the use of activities and examples from the CV Pilot sites and other ITS deployments. The workshop introduces the impacts of connected vehicles on transportation planning and funding, details necessary information and steps enabling development of a meaningful Concept of Operations, explains how to develop System Requirements for a CV deployment, and discusses how to bring together resources, documentation, and findings to develop a Comprehensive Deployment Plan. The workshop also introduces tools and resources to help empower organizations developing CV deployments, including the Connected Vehicle Reference Implementation Architecture (CVRIA), communications technologies and standards, and the Security Credential Management System (SCMS) as a method for protecting security and privacy. CV 201 practically applies the concepts introduced in the previous two courses in a way beneficial for organizations interested in connected vehicle deployments.

This workshop (training) is available at no cost to registrants. To register for this PCB Training Class, please complete the following [registration information](#) and email your completed form to **Charles Sikaras** (Illinois Department of Transportation) at Charles.Sikaras@illinois.gov. Mr. Sikaras may also be reached by phone at (847) 705-4800. Registrations must be submitted no later than **Tuesday, October 25, 2016**.

This PCB class will begin at 10 a.m. and conclude at approximately 3:30 p.m. There will be a lunch break. Several restaurant options are available within one mile of the Hanley Building.

We look forward to your participation in this upcoming PCB training.

TRB Webinar

The Transportation Research Board (TRB) hosts several conference recording and webinars on their site. The recordings and webinars cover a wide range of topics in the transportation field. Select, live webinars are available for Professional Development Hours (PDH). Check out the TRB Webinar and Conference Recording Program [HERE](#).

ITE Web Seminars

Several ITE webinars are available through Learning Hub at <http://www.ite.org/learninghub/>. Log in today to check out upcoming events.

T3 Webinars

Talking Technology and Transportation (T3) Webinars are designed to help agencies feel confident about deploying ITS technologies as a means to address challenges in their transportation systems. These free, 90-minute, interactive online meetings offer knowledge sharing on topics related to ITS planning, design,

procurement, deployment, and operations. T3 current and archived webinars are available at http://www.pcb.its.dot.gov/t3_webinars.aspx.

Legislative Corner

Compiled by Thomas Glueckert, *Stanley Consultants*

Illinois Stopgap Budget Signed

The Illinois DOT was able to continue work in both engineering and construction phases, after a 6 month stopgap budget passed both chambers and was signed by Governor Bruce Rauner (R). The deal progressed as both sides of the aisle were vulnerable to the pressure of being blamed for construction stoppages, a decline in social services, and school shutdowns.

<http://www.chicagotribune.com/news/local/politics/ct-illinois-budget-impasse-madigan-rauner-met-0701-20160630-story.html>

<http://abc7chicago.com/politics/governor-signs-stopgap-budget-for-illinois/1407940/>

<http://www.journalstandard.com/news/20160630/illinois-legislature-passes-partial-budget-amid-historic-standoff-averts-shutdown-of-schools/?Start=1>

New York State Bolsters Capital District Transit Authority (CDTA); Paves the way for Ride-Sharing Services

Governor Andrew Cuomo (D) signed legislation that allows local municipalities to enter into agreements with the CDTA to "share certain administrative responsibilities as well as to "coordinate and standardize" regulatory and administrative procedure, with respect to taxicab services..." The legislation allows for drivers to purchase medallions directly from the CDTA instead of purchasing it from individual municipalities with differing requirements. The centralized administration also hopes to make it easier to regulate the ride-sharing industry.

<http://spotlightnews.com/news/2016/08/21/cuomo-signs-cdta-taxi-legislation-paves-way-for-ridesharing-possibilities/>

Michigan Legislators to Vote on Sweeping Autonomous Vehicle Bill

The Michigan Senate's Economic Development and International Investment Committee is expected to send bills to the senate floor in the upcoming weeks that would allow autonomous vehicles to use Michigan roads without a human driver behind the wheel. These new bills would allow "on-demand, ride-sharing autonomous vehicle networks to be operated by auto manufacturers." Michigan law currently requires a human operator to travel with a self-driving car and take control if necessary.

<http://www.detroitnews.com/story/business/autos/2016/08/31/michigan-senate-committee-expected-approve-autonomous-car-bills/89611452/>

<http://www.crainsdetroit.com/article/20160830/NEWS/160839974/michigan-senate-committee-to-hear-testimony-on-autonomous-vehicle>

<https://michiganpeninsulanews.com/featured/1153-kowall-michigan-must-not-hobble-autonomous-vehicle-growth-restrictive-laws/>

Autonomous Buses Start One Month Trial in Helsinki

Two twelve-seat autonomous buses have started a one month trial on public roads in the Finnish capitol city. The buses will travel along a set route and can be controlled remotely if the need arises. Finland is one of the only countries that does not require every vehicle to have a driver.

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<http://www.curbed.com/2016/8/31/12691516/self-driving-bus-vehicles-finland-helsinki-transportation>

<https://www.meritalk.com/articles/finland-debuts-driverless-bus-as-u-s-proceeds-with-caution/>

Upcoming ITE Events

Check out our ILITE Event calendar for ILITE events and other transportation events happening!

[ILITE Event Calendar](#)

September 2016 Lunch Program Connecting Cook County: 2040 Long Range Transportation Plan

When: September 26, 2016

Where: River Roast, 315 North LaSalle, Chicago, IL 60654

Connecting Cook County, the County's first strategic transportation plan in 70 years, was developed to guide where and how the County invests in transportation to more fully realize its opportunities to attract and retain businesses, people, capital, and talent. As the largest freight hub and second most populous county in the U.S., Cook County serves as the center of the nation's transportation infrastructure. Demand on the County's transportation system is immense: 20 million trips per day, continued population and job growth, and 925 million tons of freight movement. Cook County enjoys a network of public and private transportation assets featuring two major airports, ten interstate expressways, and one of the country's largest public transit and rail networks. However, the long-term sustainability of these assets and, more importantly, the regional economy are threatened by a lack of vision and investment in aging infrastructure.

Join us to hear the County discuss the five policy priorities that have been developed to shape the County's transportation policies and capital improvement program and to serve as the foundation for collaborative efforts with the many other public and private agencies responsible for providing transportation services.

Registration Deadline is Friday, September 23rd.

[Click here for more information or to register](#)

Roadway construction season is in full swing!

Be sure to drive safely in construction zones, and stay up-to-date by checking for closures, detours, and more at

<http://www.gettingaroundillinois.com/>

and <http://www.cmap.illinois.gov/mobility/strategic-investment/construction-planning>



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There are several open committee positions! Get involved today!

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