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ITEms 2016, Issue 4

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

Happy Holidays

PRESIDENT'S MESSAGE

By Tracy Shandor, Kimley-Horn

Happy Holidays!

As you may have seen in recent announcements, we will be celebrating our 50th year as a Section of ITE at the Annual Banquet this coming January! The first charter for our Section was approved on October 8th, 1966. Prior to becoming the Illinois Section, we were part of the Midwest Section which included Illinois, Wisconsin, Minnesota, Iowa, Kansas, Nebraska, Missouri, North Dakota, South Dakota, and Indiana. While we were part of the Midwest Section, our state hosted the ITE Annual Meeting ten times, with the first in 1931, just one year after ITE was formed.

As we look forward to 2017, let's take a moment to reflect on our rich history and our accomplishments as a Section in 2016. Here are just a few of the highlights:



Tracy Shandor, P.E., PTOE

- Revamped the Section Website ([be sure to check it out!](#))
- Updated the Section By-Laws
- Reinstated the University of Illinois Chicago Student Chapter
- Participated for the first time in the Girl Scouts Tinker Girls Event 2016 and taught girls the importance of traffic signs
- Held a panel discussion on Public Involvement and Communication Strategies for Project Success
- Hosted two training workshops (Traffic and Transportation Engineering & Roundabout Design and Software)
- Met the next generation of leaders in our industry at the Student Day Event
- Toured the IL 59 Diverging Diamond Interchange

- Made new friends at the Summer Social and the Joint Holiday Party

Most important of all, we planned and executed a tremendously successful Midwestern District Meeting. The numerous events we participated in throughout the year allowed us to share knowledge with one another, inspire young engineers, and build friendships.

Thank you to the 2016 Board and committee members and the District Meeting Planning Committee for their dedication to the Section throughout the year and for their part in making this another successful year! It has truly been an honor to be a part of this group and I look forward to what 2017 brings for the Section.

-Tracy

Post Script

Some of you may know that I recently relocated to Atlanta, so I have the unfortunate opportunity to say that the Cubs did not win a World Series while I lived in Chicago. It has been a wonderful experience being a member of the Illinois Section over the past eight years and an honor to have served as President this past year. Thank you to **John Wirtz** and the Board for helping to keep the Section running in my physical absence over the past two and a half months. I am looking forward to seeing everyone on January 27th at the Annual Banquet and continuing to watch the Section grow. Thank you all for making my time in Chicago such a wonderful experience.

INTRODUCING THE ILITE 2017 OFFICERS

President: John Wirtz, P.E., PTOE

John is running for President of the Illinois Section Board. John has served on the Illinois Section Board for the past six years: as Secretary in 2015, Vice President in 2016, and the Director of the Operations Group from 2011 to 2014. John also recently served as Co-Chair of the Technical Program Committee for the 2016 Midwestern District Conference in downtown Chicago. He led the collection and review of abstracts, helped group presentations into technical sessions and poster sessions, and coordinated with all podium and poster session presenters.

John is a project manager at Jacobs Engineering Group in downtown Chicago, with 12 years of professional experience. He is passionate about multi-modal transportation, complete streets, and traffic safety; and has served as a guest lecturer for a graduate level Complete Streets courses at the University of Illinois at Chicago and the Illinois Institute of Technology. John developed a strong understanding of traffic engineering for urban streets and municipal traffic engineering due four years as an on-site consultant for the Chicago Department of Transportation (CDOT). John has led the design of 32 miles of protected and buffered bike lanes in the City of Chicago. He has also worked on various NEPA studies, including environmental impact statements for major freight and transit projects.



John Wirtz, P.E., PTOE

John earned his bachelor's and master's degrees in civil engineering from Ohio State University and Northwestern University, respectively. He lives in Glenview, Illinois with his wife, seven-year old son, and four-year old daughter. He is looking forward to continuing his service to the Illinois Section, with a goal of increasing membership and involvement in the Section.

Vice President: Ryan Jacox, P.E., PTOE

Ryan has been with TranSystems 10 years as a Project Manager and Traffic Engineer. He was previously with Harry O. Hefter Associates in Chicago and before that was with IDOT District 1 in Schaumburg, in the Bureaus of Traffic, Local Roads & Streets, and Land Acquisition. While at TranSystems, Ryan has worked on several Phase I Studies, Traffic Impact Studies, and Traffic Signal and Interconnect Design projects. Ryan also previously served a 2-year position as one of nine commissioners on the City of Elgin's Sustainability Commission.

Ryan holds a B.S. in Civil Engineering from Washington University in St. Louis. He also holds an MBA with a concentration in finance from the Olin School of Business at Washington University in St. Louis.

Ryan has been a local ITE member for over 9 years. He previously served the Illinois Section as Director of Student Affairs and Treasurer. Ryan oversaw Vendor and Sponsor Coordination for the 2012 ITE Midwestern District Conference and served as the Chair of Local Arrangements for the 2016 ITE Midwestern District Conference. He is looking forward to the opportunity to continue to serve the Illinois Section of ITE as Vice President.



Ryan Jacox, P.E., PTOE

Secretary: Brian Roberts, P.E., PTOE

Brian has been an ITE member since graduating from the University of Illinois at Urbana-Champaign with a Bachelor of Science degree in Civil & Environmental Engineering. Over the last 4-5 years, Brian has become increasingly more active with the Illinois Section of ITE (ILITE), taking on the following positions:



Brian Roberts P.E. PTOE

- ILITE Treasurer
- ILITE Director of Student Affairs
- ILITE Liaison to the Midwest ITE Student Affairs Committee
- ILITE Section Sponsorship Chair
- ILITE Chair of Records & Mailings
- Midwest ITE 2016 Conference Planning Committee

Brian currently manages a transportation/traffic engineering group at the Chicago Department of Transportation (CDOT) that focuses on multimodal safety and operations. Prior to joining CDOT full-time, Brian was a transportation engineer with Sam Schwartz Engineering, mainly serving as an in-house consultant at CDOT. During his tenure at CDOT, Brian continually focuses on safety and congestion countermeasures on both an intersection and corridor-wide scale, leading projects ranging from intersection geometrics and redesigns, traffic signal improvements, road diets, and bike facilities, to review of traffic impact studies and Phase 1 roadway plans. Brian began his career with Metro Transportation Group, working on traffic impact analyses, traffic signal timing projects, transportation planning studies, and parking and safety studies. He looks forward to continuing his commitment to the Illinois Section of ITE as Secretary in 2017.

Treasurer: Josh Harris, P.E., PTOE

Josh has been an Illinois Section of ITE (IL Section) member since graduating in 2007. His responsibilities to the IL Section have increased over his membership as shown by the positions he has fulfilled:



Josh Harris, P.E., PTOE

- 2014-2016: Co-Chair of 2016 Midwestern/Great Lakes Districts Conference - Along with Erik Cempel, Conference Co-Chair, and a great conference planning committee, Josh planned and organized the three-day conference that welcomed nearly 350 people from across 14 states to Chicago. The conference included 16 podium sessions, 2 poster sessions, 3 keynote presentations and discussions, 3 technical tours, 6 social events, 6 student events, 21 vendors, and 24 sponsors. The Conference made a profit which the two Districts can use to continue helping students and members within their Districts.
- 2016: Technical Event Development Committee Member - Josh helped the Technical Group Director, Jenna Brose, plan and organize webinar lunch and learns, and seminar events that included a Roundabout Workshop and FREEVAL Software Workshop at the 2016 Conference, and Traffic and Transportation Engineering Workshop through Northwestern Center for Public Safety.
- 2014-2015: Technical Group Director - Josh planned and organized 10 technical events that included webinar lunch and learns, and a two-day HCS 2010 Workshop through McTrans.
- 2011-2012: Student Affairs Director - Josh planned and organized visits to each student chapter, the scholarship program, student paper program, and Student Days at IIT, which hosted students to a transportation engineering career fair and roundtable discussion with practicing professionals each year. Josh also kept the student chapters informed about the IL Section, encouraged students to become International ITE members, and tried adding more student chapters to the IL Section.

- 2007-2010: House and Special Events Committee Member - Josh helped plan and organize over 30 events that included luncheons, annual banquets, golf outings, and social events.

Josh graduated from the Valparaiso University with a Bachelor of Science degree in Civil Engineering. He currently works for Willett, Hofmann & Associates, and has previously worked for Civiltech Engineering and Clark Dietz during his nine years within the transportation engineering profession. He has worked a variety of traffic and transportation projects that include highway and roadway design, environmental and location design studies, traffic engineering and impact studies, traffic signal design, and safety studies. Josh is excited to use his passion and experience for the IL Section as Treasurer.

Director of Student Affairs: Ashley Hochstatter, P.E.

Ashley obtained her Bachelor's degree and Master's degree in Civil Engineering from Bradley University. While obtaining her Master's degree she worked on several research efforts, including her thesis, related to the operations and safety of flashing yellow arrows used for protected/permitted phasing at signalized intersections. Since graduating in 2012, she has been employed with HDR as a Phase I Transportation and Traffic Engineer. Her experience primarily focuses on traffic impact studies, traffic microsimulation and operations analysis, and Phase I Engineering; however, she also has experience with Environmental Assessments and Public Involvement.

Ashley has been actively involved with ITE since moving to Chicago and beginning her career with HDR. For the past 2 years she has served on the IL ITE Operations Committee as the newsletter (ITEms) editor and was on the planning committee for the Midwestern and Great Lakes District Meeting held in Chicago this year. Outside of her involvement with ITE, Ashley is actively involved in her community, volunteering for Working in the Schools (WITS), where she reads with a 3rd grader at a Chicago grade school every other week, as well as Canstruction, an annual charity event sponsored by the Greater Chicago Food Depository. She has also held local and national chair positions on HDR's employee recognition program, the Pathfinders Awards. Ashley looks forward to the opportunity to continue and expand her involvement in the ITE and local community.



Ashley Hochstatter, P.E.

Director of Operations: Katelyn Bleach, P.E.

Katelyn Bleach has worked for Jacobs Engineering Group since her sophomore year at Marquette University and has been active in ITE since her junior year. As a student she participated in many IL ITE events, which she credits with getting her involved within the IL section from an early time in her career. Her involvement with the successful 2012 District Meeting held in Chicago inspired her to take a greater role in the recently held 2016 Joint District Meeting. As part of the planning committee for the 2016 District Meeting, Katelyn held the role as chair of the Visiting Chicago Committee and oversaw the events that welcomed attendees to our awesome city. She was privileged to take part in such a successful event and hopes the event speaks volumes to all the hard work the Planning Committee put into it. In addition to her role on the 2016 District Meeting planning committee, Katelyn has served as the Director of Operations for the Illinois Section for the last two years and is excited to continue to serve in this role. As Director of Operations, she will continue to expand the successful sponsorship program to many new firms, enhancing the corporate engagement of IL ITE.



Katelyn Bleach, P.E.

Katelyn has been working full time at Jacobs for 3½ years as a Transportation Engineer working on various traffic and transportation projects throughout the Chicagoland area. She has worked on both Phase I and II projects for CDOT, including streetscape and traffic programs. In addition she has worked on ITS projects for clients such as IDOT and the Illinois Tollway, recently working on the Central Tri-State Tollway Master Plan. She looks forward to continued work throughout the region as well as serving the dedicated members of IL ITE in the future.

Director of Activities: Thomas Szabo, TOPS, TSOS

Tom has 30 years of transportation engineering experience in both the public and private sectors of which 26 years were spent with the Kane County Division of Transportation (KDOT), where he held the position of Traffic Manager for 13 years. In that time, Tom led various initiatives for KDOT including the planning and deployment of the County's Ethernet

traffic network, central office traffic management system and Arterial Operations Center (AOC) projects. He also led numerous safety improvement projects including the first deployment of Flashing Yellow Arrow (FYA) traffic signals in northeastern Illinois. In 2014, Tom joined Christopher B. Burke Engineering, Ltd. (CBBEL) where he currently works as a Project Manager in the Traffic Operations Department and has managed numerous traffic engineering projects for a variety of public sector clients over the past two years.

Tom is certified as a Traffic Operation Practitioner Specialist (TOPS) and Traffic Signal Operations Specialist (TSOS) both with the Institute of Transportation Engineers (ITE), as well as numerous other certifications related to transportation engineering and traffic operations. Tom also is a member of the Illinois Section of ITE, where he currently sits on the Technical Committee. In past years, he also sat on various regional committees including the CMAP Regional Transportation Operations Committee (RTOC) and the Advance Technology Task Force (ATTF).



Thomas Szabo, TOPS, TSOS

As Director of Activities, Tom will use his experience and knowledge to ensure the Illinois Section of ITE continues to provide to its members, a high level of enrichment and support in the area of transportation engineering.

Directors Serving Second Year:

The new directors will join two existing directors on the Board serving the second year of their two-year term: Public Affairs Director Monica Shei, EIT (Jacobs) and Technical Director Jenna Brose, P.E., PTOE (AECOM).



Jenna Brose, P.E., PTOE



Monica Shei, EIT

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.

2016 Scholarship and Student Paper Competitions

Scholarship and Paper submissions are in and currently being reviewed by our judges! Good luck and thank you to each of the students who submitted, we have some very strong candidates this year. Winners will be announced at the ILITE Annual Banquet in January.

Recent Student Events

The ITE Illinois Section is pleased to report that three successful student events were held in October and November. These events have very limited participation by professionals, so if you would like to volunteer for future events, please email the Student Affairs director at illinoisite+studentaffairs@gmail.com

[Student-Practitioner Forum - October 19 \(Champaign, IL\)](#)

In conjunction with the Traffic Engineering & Safety Conference held in Champaign, the ITE Student Affairs Group and the ITE student chapter at the University of Illinois Urbana-Champaign teamed up to host the annual Student-Practitioner Forum. This event gives the students in attendance the opportunity to ask anything and everything of the professionals, from what they enjoy about their jobs to helpful advice as students enter the workforce.



Speed



Networking - October 27 (Chicago, IL)

Teaming up with Young Professionals in Transportation (YPT), Women's Transportation Seminar (WTS), and Conference of Minority Transportation Officials (COMTO), the Illinois Section of ITE jointly hosted a speed-networking event for students. The event format provided students with varying majors and interests an opportunity to have three-minute conversations with over 20 professionals representing a wide array of backgrounds and industry roles. The students were able to ask for advice and get a better handle on the different sectors within the field of transportation. Thanks again to the professionals who volunteered their time to help out!

Company Visit Day - November 4 (Chicago, IL)

The ITE student chapter at the University of Illinois Urbana-Champaign, for the third year in a row, got a group of around 15 students to make the trip to Chicago in order to visit actual engineering company offices. The intent of the event was to show students what real-world workplaces look like, and to talk to representatives from the companies themselves. Many thanks to Jacobs, Primera Engineering, Civiltech, and Cambridge Systematics for volunteering to host the students!

Midwest Student Leadership Summit - September 16-18 (Ames, IA)

The first ever Midwest Student Leadership Summit was held at Iowa State this fall. Over a weekend in September 82 students gathered to improve their interview skills, learn from professionals, and network with other students across the Midwest. By all accounts the Summit was a great success. Next year's Summit will be held at Purdue University. For more information, check out the article on page 12 of the December 2016 issue of the ITE Journal (<https://mydigitalpublication.com/publication/?i=362529>).

The ITE Illinois Section is always looking to assist ALL of our student chapters to the best of our ability. If there is anything you feel the Illinois Section can do to assist your student chapter, please contact ITE Student Affairs at illinoisite+studentaffairs@gmail.com. We welcome the opportunity to assist you and your members!

Student Day Career Fair + Luncheon

The ITE Illinois Section is currently planning its annual ILITE Student Day Career Fair + Luncheon for Friday, March 3, 2016. Please watch your e-mail and upcoming ITEms issue for additional information!

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 Sponsorship Program

The Illinois Section of the Institute of Transportation Engineers (ILITE) is excited to once again offer an opportunity to sponsor the section for 2017. Through our sponsorship program we offer unique opportunities which will benefit your organization and help further ITE's goals for 2017. We're reaching out to you to ask that your organization partner with Illinois ITE in advancing these goals.

In 2016, ILITE completed its second successful year with the section sponsorship program, and we are pleased to have so many new corporate partners! Corporate sponsorship will be paramount in ensuring that meaningful programs and the scholarship program can continue. ILITE prides itself on its ability to provide scholarships to students pursuing studies in the transportation field, and with the help of our corporate sponsors, our student scholarships can continue to thrive.

ITE has long striven to be an organization which promotes leadership, networking, and education. Each year, our officers and committee volunteers spend countless hours to unite members of your organization with engineers and other transportation professionals in the spirit of these objectives.

Furthermore, by the end of this year, ITE will have provided for its network of transportation professionals:

- 4-5 technical luncheons
- 6-7 discussion-based webinars
- 2 social events
- Annual golf outing (joint event with WTS)
- Annual banquet
- Student Day career fair and networking event

ITEMs

With her new role on the ILITE board as Director of Student of Affairs in 2017, the time has come for **Ashley Hochstatter** to pass the baton as the ITEMs editor and welcome **Thomas Glueckert**. Thomas looks forward to the opportunity to work with the ILITE community and bring them all the great section news we have to share with you all.

Thomas began his involvement with ITE in 2010 while pursuing his Master's Degree at the University of Iowa in Transportation Infrastructure Systems. Thomas became involved with the Illinois Section of ITE in spring of 2015 when he was informed that there were openings on the planning committee for the 2016 Midwestern and Great Lakes District Meeting. While several positions on the committee were open, Thomas was determined to make a large impact from the start of his involvement and took on the role of Director of Registration. As the Director of Registration, Thomas spearheaded the creation of the registration website using the Section's Constant Contact platform and was tasked with the design, creation, and distribution of District Meeting Badges. Thomas readily took on any additional tasks that Co-Chair's required assistance with; earning him the title of "Batman" for his ability to swoop in and solve problems before others even knew they existed.



Thomas Glueckert, P.E.

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 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 January 26 to celebrate our 50th Anniversary of the Illinois Section at our 2017 Annual Banquet. The banquet will be held at Carlucci in Rosemont beginning at 6:00 PM. The banquet registration includes a seated dinner, 3 hour open bar, raffle prizes, silent and live auctions (proceeds will go toward student scholarships), and awards presentation along with the installation of our new board! Check out the [Upcoming Events](#) section of this issue for registration information about this event.



Deadline Extended!
Submit Your Data through January 6, 2017

We've already received a significant amount of data from the transportation community. Another thank you to those who have already submitted data to help ITE produce the 10th edition of the Trip Generation Manual.

Planning to submit data and ran out of time? Good news! In order to give you some more time to submit data, the deadline has been extended to January 6, 2017. Your participation is is critical to produce this valuable reference.

It's also easy to submit your data! Data can be submitted to us via [our online portal](#) or via [hard copy](#) . If you are short on time and/or resources, you can submit the data you have directly to us without entering it into either data collection tool by submitting directly to [Lisa Fontana Tierney](#) .

Act Now! Help us help you do your jobs better by making sure the 10th edition of the *Trip Generation Manual* has the data you need. Submit your data by January 6th.

What Has The Illinois Section Been Up To?

Illinois ITE/WTS/ISPE/APWA Holiday Party Recap

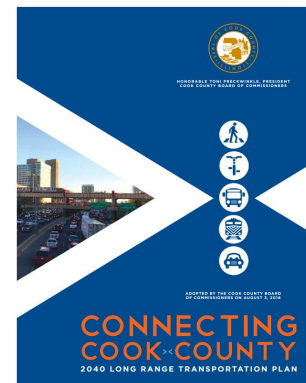


This year, ITE, WTS, ISPE, and APWA came together for a joint holiday party that ended in a huge success! Over 80 professionals were in attendance at the downstairs space of Elephant and Castle on Wabash. The evening was filled with drinks, yummy appetizers, and mouthwatering desserts that left everyone feeling full and satisfied. Conversations were lively as some caught up with old friends and others made new ones. Everyone had a wonderful time!

September Luncheon: Connecting Cook County: 2040 Long Range Transportation Plan

By: Ybette Ochoa, CDM Smith

In September, fifty people joined us at the River Roast restaurant to hear Maria Choca, Cook County's Director of Planning and Development, discuss about the County's Long Range Transportation Plan. 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. Maria shared the county's vision and policy priorities that aim to serve as the foundation for collaborative efforts with the many other public and private agencies responsible for providing transportation services.



More information on Connecting Cook County: 2040 Long Range Transportation Plan and the full report can be found at <http://www.connectingcookcounty.org/>

A Review of the Technical Webinar: Vulnerable Road Users Safety: What Cities Can Do to Make Things Better?

By: Dr. Mouyid Islam, CH2M

On September 27, 2016, the Illinois Section of ITE hosted a snack and learn webinar event to learn about road safety issues with vulnerable road users. The three webinar instructors were **Robert Hull** from **Cambridge Systematics**, **Emma Yamamoto** from **City of Philadelphia**, and **Chava Kronenberg** from **San Francisco Municipal Transportation Agency (SFMTA)**. The ITE webinar was held in Chicago, Illinois and CH2M kindly volunteered to offer their conference room for this webinar.

This webinar had three presentation components, which were presented sequentially with 1) Vulnerable Road Users Safety, 2) It's Road Safety, Not Rocket Science, and 3) Engineering Zero Deaths in San Francisco.

The recent fatality increase for vulnerable road users, namely, pedestrians, pedal cyclists, and motorcyclists clearly indicate escalating safety concerns in these areas. The Fatality Analysis Reporting System (FARS) data shows that the fatality increase for pedestrians was 13%, pedalcyclist 10%, and motorcyclist 9% in 2015, relative to 2014. Mr. Hull emphasized on the Towards Zero Death (TZD) commitment on identified Emphasis Areas particularly the vulnerable road users. He pointed out effective safety strategies focusing on pedestrians and pedalcyclists. He presented an example based on National TZD strategies in Salt Lake City, Utah on curbing pedestrian and pedalcyclist fatalities for school age children. A new technology was initiated by Utah Department of Transportation (UDOT) in Student Neighborhood Access Program. A cell phone application, named "Walking School Bus" was proven to be successful in reducing the number of car trips significantly, making a safer environment for non-motorized users. This program was clearly aligned with the TZD national strategies for better traffic control with longer "walk time" during the peak hours. Also, this program yielded a Pedestrian and Bicycle Master Plan for Salk Lake City, Utah. Figure 1 shows the application in a cell phone with guidance on crossing guards fundamentals.

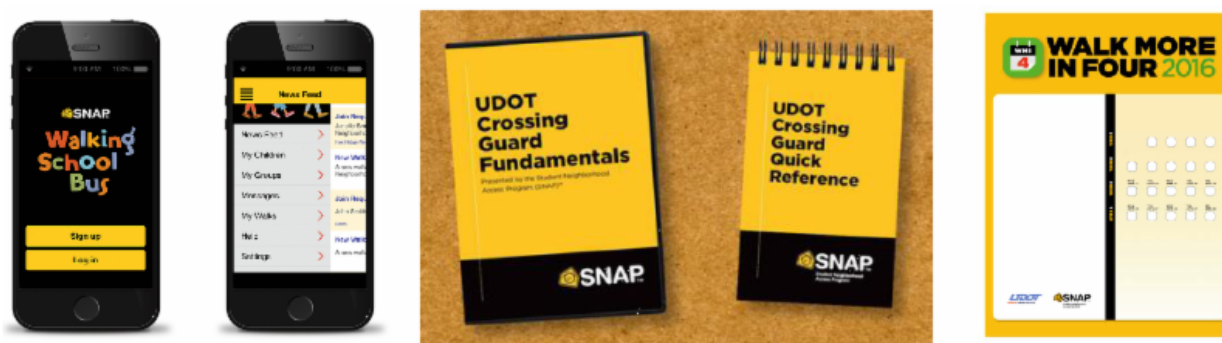


Figure 1. Student and Neighborhood Access Program by UDOT

The second component discussed the strategies, education and enforcement programs on pedestrian safety, presented by Emma Yamamoto. Ms. Yamamoto introduced the city of Philadelphia as being a multimodal city with the recent safety trends. The safety trends clearly showed the increasing safety concerns for pedestrians, pedalcyclists, and motorcyclists. The City of Philadelphia adopted education and enforcement programs focusing on pedestrian safety, with the following approaches based on lessons learned -

1. Enforcement:

- Anticipate challenges
- Make reporting as easy as possible
- Identify a champion

2. Engagement:

- Establish focus groups for public safety media campaigns
- Spread out public events to encourage more peaks in engagement
- Reach more people

3. Safe Routes Philly:

- Leverage existing walkability audits
- Connect with peer cities
- Celebrate your local champions
- Get the message into the communities

4. Training Videos:

- Make the most of production
- Be flexible
- Go electronic, if at all possible

Beyond these approaches, City of Philadelphia also adopted walkability audits to make the environment safer for pedestrians, especially school age children. Yamamoto also shared the lesson learned through the process of the applied program for upcoming events.

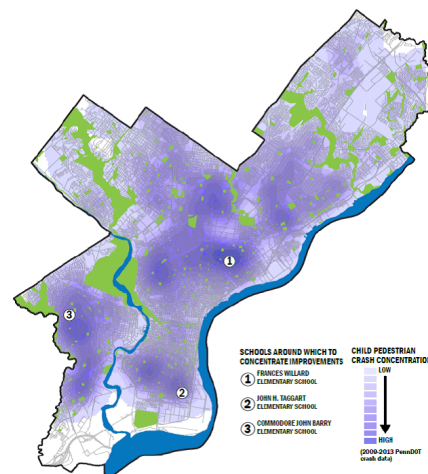


Figure 2. Upcoming Walkability Audits by PennDOT (Click to enlarge)

The third component of the presentation by Chava Kronenberg highlighted that San Francisco is on target to reach zero pedestrians fatalities by 2024. With a quite optimistic target, city of San Francisco set up vision zero by following engineering, education, enforcement, evaluation and monitoring, and policy implementation in cooperation with different stakeholders. With the Engineering Pedestrian Safety, SFMTA followed the data-driven approach as shown in Figure 3.



Figure 3. Engineering Pedestrian Safety Program by SFMTA

With this program, two datasets, namely, environmental and injury data were combined to develop the TransBASE database. Then, TransBASE and High Injury Network are analyzed for intersections and corridors using Collision Profile analysis interface to understand the crash characteristics and the contributing factors. This resulted in WALKFIRST collision profile with different priority level of intersections and corridors. With that, intersection and corridor specific safety improvements are suggested for implementation. This provides an opportunity for quick and effective countermeasures and policy implementation (e.g., Leading Pedestrian Intervals). Ms. Kronenberg explained the process, providing an example of 19th Avenue at Taraval in San Francisco. This particular example also helped the audience to understand level of effort beyond Engineering with Education (e.g., "It Stops Here," Anti-speeding program, etc.) Enforcement, Evaluation, and Policy (e.g., automated speed enforcement). The presentation ended with the impact of vision zero highlighting proactive approach, defensible recommendations, highest need locations, shared information, data reporting, coalition for safety, and media attitude.

This particular webinar was well attended by the professional traffic and safety engineers. The Illinois section thanks all the participants for attending and CH2M for providing the venue for such an important webinar.

October Luncheon: Public Involvement and Communications Strategies for Project Success

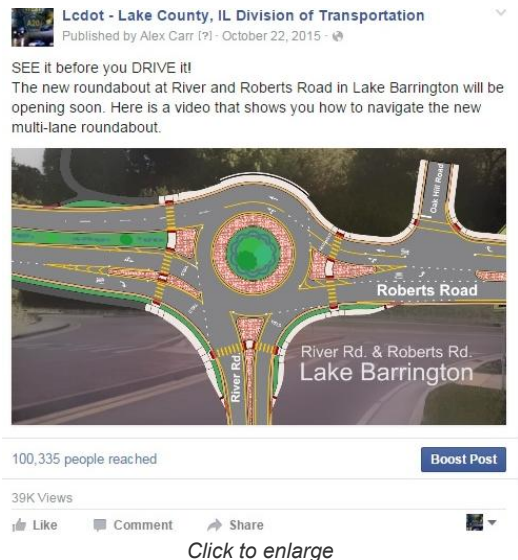
By: Kelly Dunne, City of Naperville

The October Lunch Event was a great success; over 60 professionals came out to Maggiano's in Schaumburg on October 25 to learn about Public Involvement and Communication Strategies for Project Success. Three County DOTs coordinated to give an insightful presentation on communicating with the public. ITE was privileged to hear about experiences and strategies from **Paul Krueger (DuPage County)**, **Jeff Young (McHenry County)**, and **Brooke Hooker (Lake County)**.

Assistant County Engineer Jeff Young introduced the concept that transportation professionals must utilize communication skills and tools in order to successfully deliver their message to the public. Chief Highway Engineer Paul Krueger shared DuPage County's recent experience with successful public communication during the Highland Avenue Bridge Rehabilitation. Efficient preliminary planning and outreach resulted in a successful project with no complaints from the affected businesses.

Communications Coordinator Brooke Hooker relayed Lake County's strategies for making a connection with the public: be a real person, be transparent, be the source, get create, take us behind the scene, and tell and show. The Lake County Division of Transportation routinely uses Facebook as a technology tool to connect to residents.

McHenry County Division of Transportation also uses Facebook to creatively get their message out. Jeff Young showed how humor can be used to communicate effectively with a wide audience and also shared insight on dealing with challenging comments from members of the public. Attendees of the October Lunch Event gained knowledge and tips on how they can implement successful public engagement through the use of technology.



Girl Scouts Tinker Girls

By: Monica Shei, ILITE Public Affairs Director

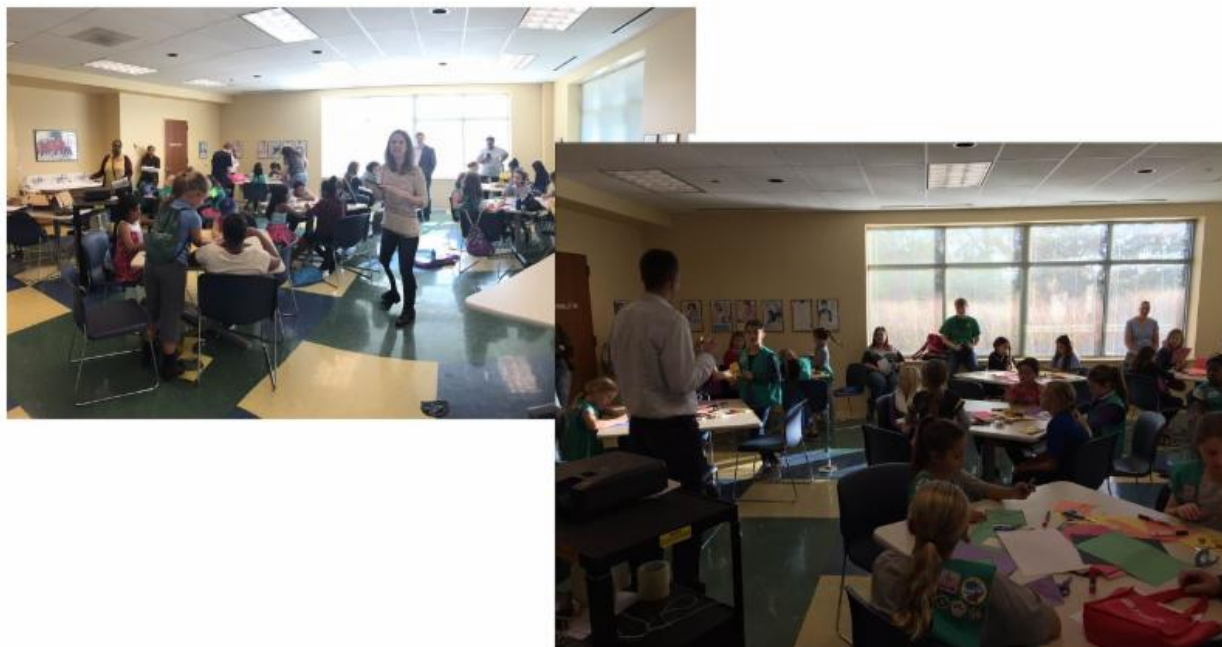
ILITE attended the 2nd Annual Girl Scout Tinker Girls event on November 5th in Vernon Hills, IL. The Girl Scout Tinker Girls event allowed girls of all ages to have a hands-on experience with skills in technology and engineering. The event was split into four break-out sessions separated by age group (4th grade to 8th grade).

ILITE presented on the importance of traffic signs and referenced the Manual on Uniform Traffic Control Devices (MUTCD). We provided examples of existing signs based on the type (regulatory, warning, guide, informational, recreational, temporary, tolling) and the importance of its corresponding colors. We allowed volunteers to explain why they felt sign type was important and how they had encountered it while in the car with their parents. We then proceeded to the "Sign Design" activity for the day. The focus of the activity was to design a new sign that each girl believed should be added to the MUTCD and explain how it would be useful in her life. They were asked to design a sign that fulfills a specific need and conveys a clear, simple meaning.

This activity allowed for a lot of creativity within each group of girls. Examples of the signs created included regulatory signs to keep out siblings, warning signs for a unicorn crossing, and guide signs for donut shops. ILITE then gave each girl the opportunity explain to the class the purpose of their sign and what type of sign

it was. We then wrapped up the presentation by testing the girls' knowledge of the MUTCD by having them point out signs that did not belong in a group.

The event was attended by **Monica Shei (Jacobs)**, **John Wirtz (Jacobs)**, **Ashley Hochstatter (HDR)**, and **Thomas Szabo (Christopher B. Burke Engineering)**. Thank you to all the volunteers who attended this exciting event! ILITE is looking forward to more future events with the Girl Scouts. A huge thank you to **Candice Schmidt**, Director of Program at **Girl Scouts of Greater Chicago and Northwest Indiana**, for putting together this great event!



A Review of the Technical Webinar: Integrating Safety into Transportation Planning

On December 7th, 2016 the Illinois Section of ITE hosted a Snack and Learn for the TRB webinar: Integrating Safety into Transportation. This session was based on the NCHRP 811 research discussing the seven principles for safety integration.

1. Public Involvement - collect information on what the public's needs and issues are through surveys and comment cards, open house materials, safety summits, and other outreach materials.
2. Multidisciplinary Coordination - make sure safety is a part of the planning process. Develop a safety committee.
3. Data Collection and Analysis - collect and analyze safety data including both the state's database and local law enforcements. Look at items like crash data and roadway volumes. Use this data for benchmarking, identifying trends, and network screening.
4. Goals and Objectives - develop in planning documents by using feedback from stakeholders and the public, other plans, and data. Including safety is a federally required planning factor.
5. Performance Measures and Targets - be able to track progress toward safety goals.
6. Project Prioritization and Programming- safety should be part of the solution in programmed projects including maintenance projects and ITS solutions.
7. Monitoring and Evaluation - track progress in order to relay performance and results.



The Technical Group looks forward to doing more viewings next year. We want to thank all the attendees for participating in the event and AECOM who was generous to offer their conference room.

Professional Development Seminars

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

Elaine Chao Tapped for Transportation Secretary

President-elect Donald J. Trump has named Elaine Chao as his choice to be the next Secretary of Transportation. Chao will likely be tasked with fighting for the passage of the American Energy & Infrastructure Act, which looks to spur \$1 trillion in infrastructure investment over 10 years by leveraging public-private partnerships and private investments through tax incentives. This will be Chao's second time serving in a White House cabinet, if confirmed. She served for 8 years as the Secretary of Labor under George W. Bush.

http://www.nytimes.com/2016/11/29/us/politics/elaine-chao-transportation-trump.html?_r=0

<http://www.politico.com/story/2016/11/elaine-chao-transportation-secretary-231925>

<http://www.usatoday.com/story/tech/news/2016/12/13/ride-hailing-has-friend-chao-but-does-self-driving/95164016/>

Michigan Legalizes the Testing and Certification of Autonomous Vehicles

Michigan Governor Rick Snyder signed four bills in early December that establish regulations for testing, use, and the eventual sale of autonomous vehicle technology. The new laws allow vehicles without steering wheels, pedals, or the need for human control to be tested on public roadways. One of the signed bills, SB 996, establishes the SAVE project which is an initiative that allows automakers to deploy a network of on-demand self-driving taxis.

<http://fortune.com/2016/12/09/michigan-self-driving-cars/>

<http://www.legislature.mi.gov/documents/2015-2016/billenrolled/Senate/pdf/2016-SNB-0995.pdf>

<http://www.legislature.mi.gov/documents/2015-2016/billenrolled/Senate/pdf/2016-SNB-0996.pdf>

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ILITE Officers

The success of the Illinois Section is due to the hard work of our volunteers who serve on

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/>

Denver Smart City Moves Closer to Becoming a Reality

Denver's futuristic smart city, Peña Station Next, continues to move forward as networking technologies have been installed in lights near the Peña Station rail stop. Peña Station Next is a collaboration between public and private forces, anchored by the tech giant Panasonic, which chose Denver as the location for its new headquarters. Within the upcoming months, autonomous shuttles, high-density Wi-Fi and air quality monitors will be coming online to serve a 400-acre community. Peña Station Next is modeled after the Japanese smart city Fujisawa.

<http://www.denverpost.com/2016/12/11/pena-station-next-panasonic-smart-city/>

<http://www.penastation.com/Home.aspx>

<http://panasonic-betterlife.com/predictive-adaptive-responsive-thats-life-in-the-big-city-now/>

Upcoming ITE Events

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

[ILITE Event Calendar](#)



When: Friday, January 27, 2017

Time: 6:00 pm - Reception, 7:00 pm - Dinner, 8:00 pm - Program

Where: Carlucci Rosemont, 6111 N River Road, Rosemont, IL 60018

Come celebrate the 50th Anniversary of the Illinois Section at our 2017 Annual Banquet!!

the Executive Board, as Group Directors, and on our many committees.

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You can read more about our officers' Roles & Responsibilities and download the many materials that they produce to keep our section running by clicking on the links above.

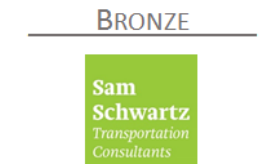
There are several open committee positions! Get involved today!

**Thank you to all
our 2016 ILITE
Section Sponsors!**

The banquet registration includes a seated dinner, 3 hour open bar, raffle prizes, silent and live auctions (proceed will go toward student scholarships), and awards presentation along with the installation of our new board!

To Register: [Click Here](#). Registration deadline is January 20th at 5 pm.

If you are interested in donating prizes for the raffle or auction, please contact the planning committee at: illinois+activities@gmail.com



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