



Wisconsin Section News

Fall 2018

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Upcoming Newsletter

If you would like something
published in the next
newsletter contact:

Jess Billmeyer

(608) 828-8157 or

jess.billmeyer@aecom.com

Feature Article

OneITE Initiative Update

By John Davis, Ayres Associates

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

MIDWESTERN/GREAT LAKES DISTRICTS REALIGNMENT

As you may recall, the Midwestern and Great Lakes Districts signed a joint resolution to realign the district boundaries to form a new district – one comprised of the Illinois, Indiana, Michigan, North Central, Ohio and Wisconsin sections. The agreement also formed a task force to work out the details to have the new district fully operating by January 1, 2021. The transition task force has been formed and has started meeting via conference calls and plans to meet monthly.

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

Impacts to our Section

What is the impact to the Wisconsin Section? The Wisconsin Section will remain as you see it today in terms of geography and governance structure. The connectivity to ITE membership services is anticipated to be enhanced. The ability to network at a regional level will be enhanced with the new relationships with ITE members in Michigan, Indiana and Ohio. There will be new opportunities to partner with ITE members in the Missouri Valley District, especially in nearby Iowa. For those desiring to serve in leadership roles of ITE, these opportunities will be increased and improved. One's member experience is generally what you make of it as much as anything, and this initiative will allow you to expand those opportunities.

Much work is yet to be done. If you have any suggestions for the "new" Great Lakes team, please reach out to John Davis, MWITE/GLDITE Transition Team chair at DavisJ@AyresAssociates.com.

TRANSITION OF SECTION AFFILIATES

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

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

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

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

Benefits of ITE membership include:

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

Be on the lookout for emails beginning in January, from membership@ite.org, that will give you details on how to take advantage of this offer. For those of you who choose not to take advantage of this offer and to join ITE as a member we encourage you to continue to be involved with the Wisconsin Section as a friend of ITE. You should expect to pay slightly higher prices at section meetings as members will receive a discount. Our goal with this promotion is to give each affiliate the opportunity to evaluate the value of ITE member benefits for the same price that you were already paying for section membership. We hope you will seriously consider this as an offer to expand your access to the ideas, people and resources that can help you be a better transportation professional and grow your career.

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

President's Message

By Yang Tao

It is hard to believe that December has come and gone. It has been an honor to serve as the 2018 Wisconsin Section President. Thank you to the Section Executive Board and the various Section Committees for making my job easier! A special thank you to the Past President Brian Porter and the 2nd Year Affiliate Director Justin Schueler for their dedicated service as their elected terms come to an end. Congratulations to Andre Ost for being elected as the Member Director and to Diego Silva for being elected as the 1st Year Affiliate Director! I also want to wish our incoming president Allan Pacada all the best in the year ahead as he takes the lead for the Section! Finally, a sincere thank you to our members for volunteering or participating in our meetings and events in the past year!

In October, student members from UW-Platteville and UW-Madison and professional members gathered in Mount Horeb. The Student Chapters gave updates on their activities over the past year. It is encouraging to see their passion and dedication to the transportation profession! Erin Schoon from WisDOT also gave a very informative presentation on a queue warning and lane closure study.

We held our annual meeting in Johnson Creek earlier this month. The board election results were announced and the 2019 Section Executive Board was sworn in by the former ITE President Ken Voigt. We presented awards including the Distinguished Service Award, Harvey Shebesta Award and the Young Professional Award. Certificates of appreciation were also given to our Committee chairs for their contribution to the Section. Finally, the evening was capped off with a fun round of Professional Traffic Bowl competition hosted by John Davis. I hope that you all can attend this meeting next year as it offered a great time to reconnect with our fellow members, reflect back on the past year, and look forward to the new year!

I am pleased with how 2018 turned out. The Executive Board secured cost-effective insurance for the Section to protect our financial stability, started to work on tax exempt status for the Section, and initiated the Drive Smart program to educate young drivers on safe driving habits and to encourage careers in transportation. Our achievements have been recognized. I heard "complaints" from other Sections that the ITE International and Midwestern awards were dominated by the Wisconsin Section this year! We want to congratulate the following members and organizations for their outstanding achievements in 2018:

- **Ken Voigt:** ITE International Burton W. Marsh Award for Distinguished Service
- **Dr. Bin Ran:** ITE International Wilbur S. Smith Distinguished Transportation Educator Award
- **Yang Tao:** ITE Midwestern Transportation Professional of the Year Award
- **City of Madison** (City of Madison Smart City Initiative):
 - ITE International Transportation Achievement Award for Planning
 - ITE Midwestern Transportation Achievement Award for Planning
- **WisDOT** (Dynamic Yellow Arrow Operations Project): ITE Midwestern Transportation Achievement Award for Operations
- **WisDOT and Strand Associates** (US Highway 18/151 and Verona Road Project): ITE Midwestern Transportation Achievement Award for Design

I hope that you will continue to be involved as we move to 2019! Please remember to renew your membership. For current Affiliate members, I encourage you to take advantage of ITE International's transition program. For 2019, you can become an International member by paying the same low cost of the previous Affiliate membership fee. Above all, I hope you continue to attend our events and become more involved when you can!

Our next Section meeting will be on January 23rd in Madison. This will be our annual public service appreciation luncheon.

Thank you for the opportunity to serve you and ITE! Best wishes to all of our members for the upcoming 2019!

Yang Tao
ITE Wisconsin Section President

Recent Meetings, Events, and Awards

ITE Wisconsin: UW & UW-Platteville Student Night – October 10, 2018

By Brian Porter

On October 10th, the ITE Wisconsin Section hosted the annual UW-Platteville / UW-Madison Student Night meeting at the Driftless Historium Museum in Mount Horeb. Yang Tao hosted the meeting and thanked everyone for coming. The group then had the customary self-introductions. Kelly Greuel read the treasurer's report. John Davis gave an update on the OneITE initiative and explained upcoming changes to the Affiliate Membership (see feature article on Page 1 for more information).

The UW-Platteville Student Chapter Board spoke about why they joined ITE and provided an update on what they have been involved in over the past year. The student chapter has hosted a few professional speakers on campus, completed a project to improve bicycle detection at a signalized intersection, took a field trip to the Traffic Management Center in Dubuque, IA, participated in adopt-a-highway and attended some workshops including the Traffic Engineering Workshop, ITS Forum and Student Leadership Summit.

Dr. Kristina Fields from UW-Platteville spoke about her summer class on Cycling Infrastructure in the Netherlands. Dr. Fields talked about Sustainable Safety and how they work toward that in the Netherlands.



She talked about the different things they do for the course including take field trips, look at cycling culture, visit unique cycling facilities, and visit with product vendors.

Beau Burdett provided an update on what the UW-Madison Student Chapter has been involved in over the past year. They attended the Traffic Records Forum held in Milwaukee over the summer, some members attended TRB, they helped with an autonomous shuttle demonstration, some attended the EAA fly-in, they developed a parking plan for Horicon, WI and they are planning to attend a AAA forum on vehicle technologies and automation.



The featured speaker for the meeting was Erin Schoon from WisDOT's Bureau of Traffic Operations. Erin presented on a Queue Warning System (QWS) and Lane Closure Study. Erin provided some statistics on work zone crashes in Wisconsin, she explained which messages are being used for queue warning systems, she explained that WisDOT received an FHWA AID grant to help fund the QWS installation. WisDOT installed a QWS on I-43 in Sheboygan County in 2017 as part of a mill and overlay project because significant queues were expected. Eight portable changeable message signs (PCMS) and eight doppler sensors were deployed. Sensors were placed every mile starting 1 mile upstream of the lane closure. Two portable cameras helped to monitor work zone and Armadillos were used to collect speeds. QWS signs were field located. The QWS project exhibited some speed and crash reductions which was positive. WisDOT is working on a decision-support tool for QWS to help evaluate candidate projects. The cost of QWS is around \$500-\$800/day, which is not a significant amount for a larger project but they are still looking at ways to reduce costs. Erin also spoke about temporary portable rumble strips (TPRS) that are used for lane closures on 4-lane divided highways. WisDOT has been deploying 3 arrays with 3 TPRS in each array. Erin and others in BTO are currently updating FDM 11-50, working on development of TMP 2.0 and LCS 2.0 on the WisTransPortal and also doing a lot of work zone data collection and analysis.

Thanks to the UW-Platteville and UW-Madison students for sharing their experiences and to Erin Schoon for the great presentation!

ITE Wisconsin Annual Meeting – December 5, 2018

By Jess Billmeyer

On December 5th, ITE Wisconsin hosted their Annual Meeting at Hi-Way Harry's in Johnson Creek. Yang Tao hosted the meeting and thanked everyone for the honor of serving as the Section president in 2018. Everyone at the meeting introduced themselves. Kelly Greuel gave the Treasurers report. Allan Pacada gave the membership report. Jeff Held announced the results of the Wisconsin Section Election. Diego Silva was elected to be the Affiliate Director (1st Year) and Andre Ost was elected to be the Member Director. Thank you to Glen Morrow and Andy Utic for running this year!

The Annual Meeting is a chance for the Wisconsin Section to recognize the accomplishments of the year. The following people and awards were recognized:

- **Outgoing Past President:** Brian Porter
- **Outgoing Affiliate Director:** Justin Schueler (received his plaque after the Board meeting)
- **Harvey Shebesta Award:** Beau Burdett
- **Young Professional Award:** Eric Frailing; Eric wrote about the skills needed for future engineers. Versatility and collaboration, balancing the needs of a wider range users and abilities.
- **Distinguished service award:** John Bruggeman; John has 14-years of continuous service to the ITE WI Section, in addition to many other volunteer opportunities.
- **Meeting Arrangements Committee Chair:** Kait Sanford
- **Social Events Committee Chair:** Tristan Hickman
- **Section Administrator:** John Bruggeman
- **Harvey Shebesta Award Committee Chair:** Allan Pacada
- **Distinguished Service and Young Professional Award Committee Chair:** Brian Porter
- **Traffic Engineering Workshop Committee Chair:** John Bieberitz
- **Ken Voigt, Martin Bruening and Section Board Nominations Committee Chair:** Rich Coakley
- **SimCap Group Chair:** Rob Beuthling

Yang reminded the attendees that it's time to renew their membership.

Ken Voigt swore in the 2019 ITE Wisconsin Section Board.



John Davis provided an ITE International Update. The 2019 Midwestern District ITE Conference is in St Louis June 19-21. The call for presentations is out. The 2019 ITE International Annual Meeting is in Austin July 21-24. John covered a 2018 year in review. In 2018, ITE International accomplished many objectives including an updated strategic plan, updated website, a new mentoring program, a curbside

management practitioners guide, ITE Vision Zero products, and the OneITE Initiative. The Midwestern District ITE hosted the ITE Annual Meeting in Minneapolis in 2018, with over 1200 attendees, and hosted the student leadership summit with 70 students representing 15 schools. The District voted to join with the Great Lakes

District and spin off MOVITE into a new district. The MWITE Student Endowment fund is in full swing and is trying to raise money for advancing the profession and bring new members in.

John closed by discussing the OneITE changes. The goal is to provide better definition of what being a member means. In 2019, there will be a transition away from Affiliate Members, which will either become Members or a Friend. A Member is a member of a Section, District and International. If you paid 2017 and 2018 Affiliate Member dues, you can be a Member of ITE in 2019 for the cost of your old Affiliate Membership (\$25).

The night concluded with a spectacular edition of the Traffic Bowl! The group divided into 4 teams and competed. The winners were Michael DeAmico, Amanda DeAmico, Eric Frailing, Seth Johnson, Ken Voigt, and Wayne Higgins.



2018 International and Midwestern District Awards

By Jess Billmeyer

Members of the Wisconsin Section of ITE won several awards in 2018 from both International ITE and the ITE Midwestern District. Awards were presented at the joint 2018 ITE International / Midwestern District Annual Meeting in Minneapolis. If you see these award winners, please congratulate them!

ITE International Burton W. Marsh Award for Distinguished Service

Kenneth Voigt

The Burton W. Marsh Distinguished Service Award recognizes an individual who has contributed to the advancement of the Institute of Transportation over a period of years in an outstanding fashion.

Ken was selected for the Marsh Award for his sustained leadership to ITE and the profession. Ken has been an active contributor to ITE for decades and has continued to take on important responsibilities long after having served as International President in 2009. Most recently, he was a major contributor to ITE efforts to establish a new strategic plan for 2018–2020.



Kenneth H. Voigt, P.E. (F)
Senior Traffic Engineer
Ayres Associates
Brookfield, Wisconsin, USA

ITE International Wilbur S. Smith Distinguished Transportation Educator Award

Dr. Bin Ran

Dr. Ran has distinguished himself, and made outstanding contributions to transportation, by relating academic studies to the actual practice of transportation. During the past 20 plus years, he has been instrumental in his students advancing their professional development, networking with practicing transportation professionals, and becoming active participants in the profession. Dr. Ran has trained generations of transportation professionals worldwide since 1993. Specifically, Dr. Ran has served as the advisor for 42 Ph.D.s, 55 M.S. students, and more than 130 post-doctoral researchers and visiting scholars.



Dr. Bin Ran
Vilas Distinguished
Achievement Professor
University of Wisconsin
at Madison
Madison, Wisconsin, USA

ITE International Transportation Achievement Award: Planning

ITE Midwestern District Transportation Achievement Award: Planning

City of Madison Smart City Initiative

Madison, in partnership with the University of Wisconsin-Madison and a consortium of public and private sector entities, is innovating to deploy a next-generation transportation system to address the city's challenges and promote economic growth, equity, mobility, public health, safety, and a clean environment. The project has already made a profound impact on the community and the transportation industry, and is contributing to a Smart America.

ITE Midwestern District Transportation Achievement Award: Design

US 18/151 and Verona Road Project

The winner of the 2018 award is the Wisconsin Department of Transportation and Strand Associates for the US State Highway 18/151 and Verona Road Project. This project combined multiple innovative ideas and concepts to positively impact the local economy and environment, the traveling public, and community safety at the US

Highways 18/151 and Verona Road interchange which is located on one of the busiest corridors in the Madison metropolitan area.

ITE Midwestern District Transportation Professional of the Year

Yang Tao, PhD, PE

The Midwestern District established the Transportation Professional of the Year Award to recognize an individual who has made outstanding contributions to the Midwestern District, their Section, and ITE, or through achievements in the transportation profession. The 2018 winner is Yang Tao, PhD, P.E.

Yang has distinguished himself through his career involvement in ITE. He currently serves as the Interim City Traffic Engineer in Madison, Wisconsin, where he has played a leadership role in Madison's Smart Cities Initiatives, a program that was awarded the 2018 District and International Transportation Achievement Awards. He serves as the chair of the ITE Smart Communities Task Force, where he reorganized and formed a strong team with diverse backgrounds, ranging from ITE President to student members. Under his leadership, the team formalized its mission statement, developed a strategic action plan, and scoped for opportunities to educate, engage and assist the ITE membership on smart community projects. Other areas of Yang's involvement with ITE include serving as the Vice Chair of the Transportation Systems Management and Operations Council, serving as a Public Agency Representative on the Roadway Transportation System Cybersecurity Framework and Tools Working Group, as well as serving on the Wisconsin Section Board of Direction since 2014, currently the 2018 President.



Congratulations to the award winners!

Upcoming Awards

Martin Bruening Award

Mr. Martin Bruening worked from 1924 until 1972 for the City of Milwaukee in the area of Traffic Engineering. He was not only a leader in Milwaukee but was recognized as a national leader. During his illustrious career, he was an advocate and supporter of the three "E's" of traffic safety: Engineering, Education and Enforcement, and his sound geometric design principles and early attention to good traffic signal design and operation were partly responsible for Milwaukee's consistent first place ranking in traffic safety for cities in its population class.

Although Bruening believed in and was professionally involved in the planning and design of Milwaukee's freeway system to ensure the coordination and design for traffic operations on the local street system, he consistently warned of the necessity for a balanced transportation system. He authored several reports on the financially favored position of the automobile over mass transit, and advocated a metropolitan transit authority and mass transit subsidy.



The Wisconsin Section of ITE, in recognition of Martin Bruening, has an annual award for papers by its members. The Martin Bruening Award Committee is again calling for technical papers to be submitted to compete for this annual award.

Photo of Martin Bruening
from www.ite.org

ELIGIBILITY REQUIREMENTS:

Any member of the Wisconsin Section of the Institute of Transportation Engineers or its student chapters may submit a candidate technical paper. The paper must result from a study or design project in the field of transportation or traffic engineering in which the author served as a principal participant. The paper:

- a) Must have been completed within two years of the deadline date for the award
- b) May have been previously submitted to another group or publicized in another media
- c) May be an expansion or revision of a paper previously submitted
- d) May be a work related study, a design project, or a research investigation
- e) May be co-authored

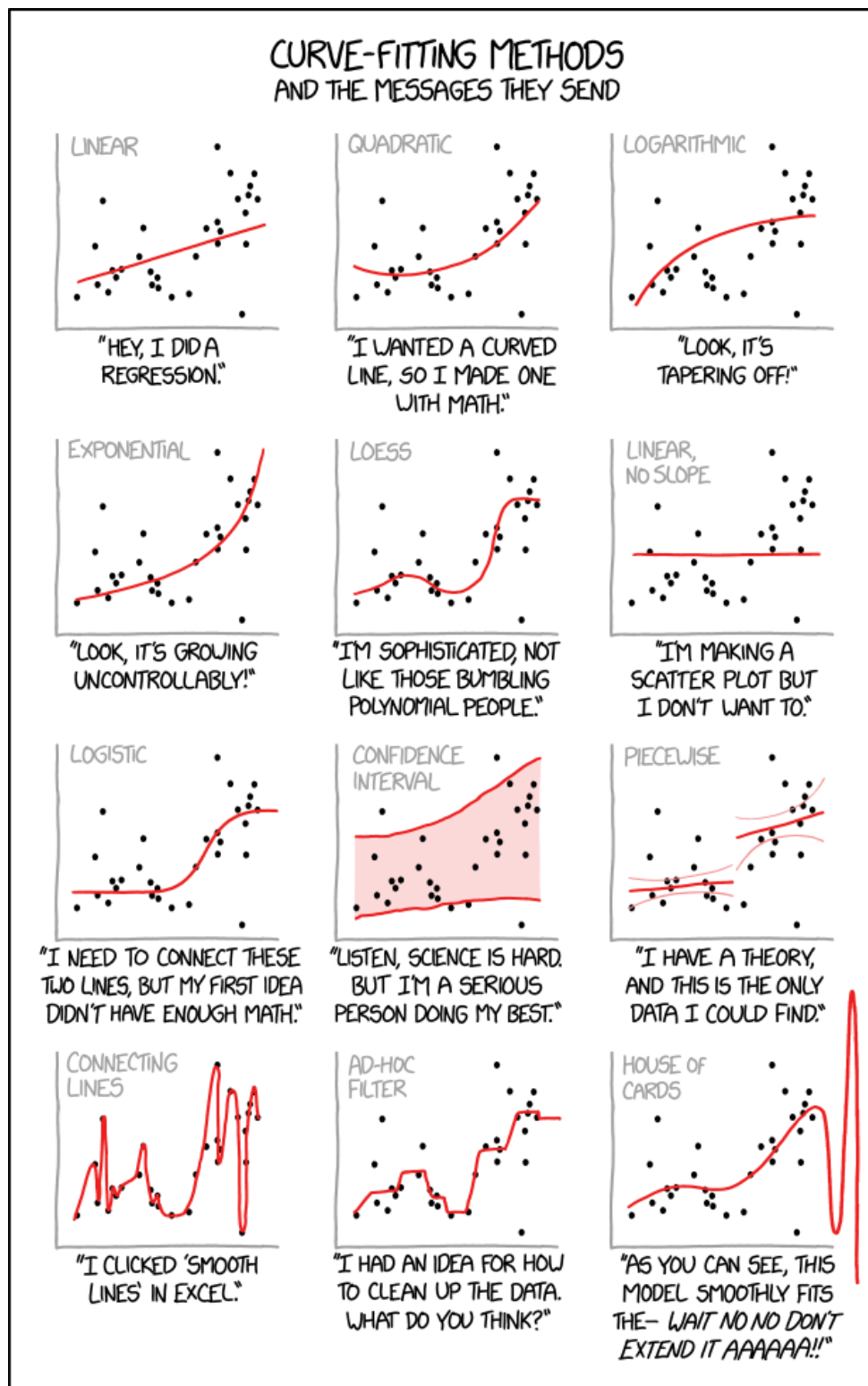
Papers submitted for the student category may be completed by full time or part time students. Papers submitted for the student award shall be the culmination of a research or design project completed by the student as part of their academic studies. Papers co-authored by university professors, or professionals that are not actively enrolled in a graduate or undergraduate program are not eligible for the Martin Bruening Student Award, but their paper can be submitted for the Martin Bruening Professional Award.

EVALUATION CRITERIA

Papers will be evaluated on the basis of organization, clarity and usefulness of tables and figures, adequacy and conciseness in covering the subject, simplicity and effectiveness of language, proper support of conclusions, completeness of credits and references, and relevancy of transportation engineering.

The principal author of the winning student paper and the winning professional paper will each receive a check for \$750. All winning authors and co-authors will receive a Certificate of Award. The winning authors and/or co-authors will be invited to the March Wisconsin Section dinner meeting as a guest of the ITE Wisconsin Section free of charge. The student and professional awards will be presented at this meeting. The winning papers will also be posted on the section website. Papers are due by January 31, 2019. Please email papers in Adobe pdf format to Stacey Pierce at Stacey.pierce@dot.wi.gov.

Transportation Funnies



Source: <https://www.xkcd.com/2048/>

<Don't click the link, you'll spend an hour reading comics>

Upcoming Events

January 13-17, 2019	TRB Annual Meeting, Washington, DC
January 23, 2019	ITE Wisconsin Public Service Appreciation Meeting
March 5-6, 2019	ACEC / WisDOT Transportation Improvement Conference
March, 2019	ITE Wisconsin UWM / Marquette Student Night
April 9, 2019	ITE Traffic Engineering Workshop and Transportation Planning Forum
May, 2019	ITE Wisconsin Fox Valley / Green Bay Section Meeting
June 19-21, 2019	ITE Midwestern District Meeting, St Louis, MO
	
July, 2019	Joint ITE Wisconsin / ITS Wisconsin Meeting
July 21-24, 2019	ITE Annual Meeting, Austin TX
	
September, 2019	Joint ITE / WTS Meeting
October, 2019	ITE Wisconsin UW-Platteville / UW-Madison Student Night
October / November, 2019	ITS Forum
December, 2019	ITE Wisconsin Annual Meeting

Do you have some information or a transportation haiku to share? The ITE Newsletter is an excellent medium for reaching section members. If you would like something published in the upcoming newsletter, please contact the 2018 Wisconsin Section Member Director, Jess Billmeyer at (608) 828-8157 or jess.billmeyer@aecom.com.

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Please contact [Justin Schueler](#)