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The Southeast Branch News is published monthly by the Southeast Branch of the Wisconsin Section of ASCE. Change of street and/or e-mail address should be sent to ASCE, 1801 Alexander Bell Drive, Reston VA 20191 (800/548-ASCE). You may update your own information at the Members Only page of WWW.ASCE.ORG

The deadline for articles for the next newsletter is the first of the month.

PRESIDENT'S MESSAGE

Greetings,

I am very excited to reach out to all of you with my first's president's message! I am honored to be the President of such a devoted group of engineers. In September I attended the Presidents and Governors Forum in Reston, VA at ASCE National in which I was able to talk about all of the great qualities our Branch has to offer from our mentors meeting, to our scholarship dinner and the golf fundraiser, as well as the YMG and their STEM Expo. Our members truly make our Branch successful!

I am looking to hear from members this year on what they would like to see more of from our Branch. I am a believer in that we do not know what the best way is to do things, we just know how to do things at this current time. I am always looking for process improvements and if there is a process improvement that the Branch could take on to better meet the needs of our members I would love to hear about it. Please feel free to reach out to me at my email address (kmika@naturalrt.com).

Lastly, one item I am already working on this year is having the Milwaukee Public Museum (MPM) show the *Dream Big* film (<http://www.asce.org/dream-big/>), which is scheduled for release in February 2017. I was able to see the rough cut at the ASCE Convention in Portland, OR and it was awesome! If we are able to get this movie at the MPM, we will be trying to host an event with MPM and other STEM related groups, please let me know if you have any interest in planning an event.

Ken

Southeast Branch October Meeting

Please join us for the ASCE Wisconsin Section Southeast Branch October Meeting on Wednesday, October 26 at the Best Place at the Pabst Brewery.



This dinner meeting will feature Bob Cook from the Milwaukee Bucks speaking on the political dynamics that resulted in a \$500 million public/private partnership to construct a new sports and entertainment arena and adjacent development. In addition, he will provide background on the development process for the arena, live block, parking structure, and practice facility currently under construction and the plans for future development.

Speaker: Bob Cook, Vice President, Milwaukee Bucks

Topic: Political Dynamics in Funding the Bucks Arena

Date: Wednesday, October 26, 2016

Time: 5:00 Registration and Social
5:30 Dinner with Presentation

Location: Best Place at the Pabst Brewery
901 W. Juneau Ave.
Milwaukee, WI 53223

Meal: Saz's Catering including Chicken Schnitzel with Lemon Butter Sauce, Usingers Stuttgarter Knackwurst with Sauerkraut, Roasted Pork Loin with Gravy, Spaetzle, Steamed Vegetables, Garden Salad

Cost: \$30 Members
\$35 Nonmembers
\$15 Students

An invitation to register was sent to all branch members, but in case you didn't receive or can't find the email, use the following link:

<http://events.r20.constantcontact.com/register/event?llr=cvve7pkab&oeidk=a07edbht6a9f5206edc>

Registration Ends Monday, October 24 at Noon

Please contact Jared Wendt at 414-847-0487 or jared.wendt@ch2m.com with any questions.

5 FREE PDH hours through ASCE

Article By: Chris Robb

Don't forget your annual ASCE membership includes five free professional development hours (PDH). Those PDHs can be redeemed using the On Demand Webinar offering available on the ASCE website. The ON Demand Webinar series can be accessed using the weblink below:
<https://secure.asce.org/ASCEWebsite/Benefits/Membership/FreeOnDemandWebinars.aspx>



Please note the 2016 PDHs must be utilized no later than December 31st.

Scholarship applications due October 31

Article By: Brad Seubert

The school year is starting soon and that means it's scholarship season. With the huge success of the golf outing the southeast branch is happy to announce that we will again be offering four scholarships for college students this year. Applications are due October 31st and will be awarded in January.

Application forms and more information can be found at <http://www.ascewise.org/scholarships/>

YMG News

Article By: Larry Buechel

2016 STEM Expo at MSOE

Article By: Pat Flaherty



The YMG held its 4th annual STEM Expo on Saturday October 8th, and the event was once again a success! Between the event's planning and execution, there were almost 100 volunteers involved in helping out since this past spring; the efforts of which drew over 350 total attendees at this year's Expo! Furthermore, the event was also supported by 20 total sponsors from firms all over southeastern Wisconsin. Tremendous thanks go out to all who have supported this event in the past and continue to do so, it is because of your efforts that the YMG continues to hear rave reviews from attendees about how much their family enjoyed attending this fun and educational event! Pictures from this year's Expo will soon be uploaded to the website.



YMG News (cont'd.)**YMG Annual Kickoff Meeting**

Article By: Brett Kash

The YMG Annual Kickoff Meeting is scheduled for Thursday, October 27th at 6PM at Evolution Milwaukee on Old World Third St. Come join the YMG for an evening of networking with local young professionals and students at the area universities over epic ping pong battles. The event is free to attend, food and drinks will be available to purchase. Click [here](#) to register. Contact Brett Kash (brett.kash@mortenson.com or 607-423-5292) with any questions.

**Fall 2016 Adopt-A-Highway cleanup**

Article By: Pat Flaherty



It's that time of year once again! After wrapping up a busy, fun-filled summer the YMG will return to their stretch of highway (I-43 east frontage from Chase Ave to Mitchell Ave) for their fall cleanup on October 23, 2016 at 9:00AM. For a year now the YMG has been helping to keep this stretch of highway picturesque as part of a state-wide effort to keep Wisconsin's highways beautiful. Anyone who is interested in helping keep our streets litter free is more than welcome to come out and help; we will be meeting in Baran Park in Milwaukee at 9:00AM and then the pickup will go from there. Anyone interested can contact Pat at patrickf@rileycon.com for further details.

Silver Spring Neighborhood Center STEM Program

Article By: Tony Castle



YMG is in need of volunteers to participate in a visit on Thursday, November 3 to the Silver Spring Neighborhood Center. The volunteers will give a short presentation and do a STEM inspired activity with the children. Please contact Tony Castle at acastle@emcsinc.com or (414) 810-8264 if you are interested in helping out.

Envision Workshop

The ASCE Wisconsin Section, ASCE Southeast Branch and GRAEF are proud to present:



Envision Sustainable Infrastructure Rating System Training Workshop

This full-day workshop will equip participants to take the Envision Sustainability Professional (ENV SP) exam. This workshop can be taken in lieu of the online training course available on the ISI website. The workshop presentations, discussions, and group exercises will be facilitated by an ISI-approved Envision trainer, Bridget S. Henk, P.E., ENV SP, LEED AP BD+C.

Participants will learn how to use the Envision rating system to aid in sustainable infrastructure planning and design. Participants will receive access to the presentation slides, online training course, Envision guidance manual, references to additional resources, and links to social media venues for continued involvement in the Envision professional community.

Upon completion, participants will be eligible to apply for the online ENV SP exam. Some additional self-study is recommended prior to applying to take the exam. Examination and exam fees are not included as part of this workshop. Frequently asked questions on the ISI Envision Credential can be found on the ISI website at: <https://www.sustainableinfrastructure.org>

Six Professional Development Hours are available for the workshop. Space is limited. Registration Deadline is November 21. No walk up or day of registrations permitted. Fees must be received by November 21 to qualify for the training.

Workshop Information:

Date: Wednesday, November 30, 2016

Time: 8:30 AM to 4:30PM

Location: GRAEF
125 South 84th Street, Suite 401
Milwaukee, WI 53214

Application and Training Fees*:

Private Sector: \$350

Public Sector: \$250

Full Time Faculty: \$250

Qualified Students: \$150

*Fees do not include exam fees. ASCE Wisconsin Section or Southeast Branch Members receive a \$20 discount on application and training fees.

A light breakfast, refreshments, lunch and workshop materials will be provided. To apply please fill out the attached application and send the fee (Checks made payable to the ASCE SE Branch) to:

GRAEF

Bridget Henk

125 South 84th Street, Suite 401

Milwaukee, WI 53214

Sign up is available electronically at <http://events.constantcontact.com/register/event?llr=cvve7pkab&oeidk=a07edbn4ftw39ba67bb>

Flyer & application: <http://files.constantcontact.com/2a652cf9201/fccc46cd-17ab-4c43-9255-1adde786d51e.pdf?ver=1476220154000>

Applications can be emailed to Bridget.Henk@graef-usa.com.



Become a STEM mentor for Future City teams

Article By: Pat Flaherty

Middle School students all over greater Milwaukee are currently forming teams for the 2016 Wisconsin Regional Future City competition. Future City is a program where small groups of students work with a teacher and a STEM (Science, Technology, Engineering, Math) mentor to develop a city of tomorrow. We've got the teams and the teachers - now we need the mentors! Mentor commitments can be anywhere from once a week to a couple times a month.

A STEM mentor provides guidance and support to a team of 3-5 students throughout the project. Teams start in September and finish by presenting their cities at the WI Regional Competition on January 21st at MSOE. Mentors provide feedback, insight and advice to the team by meeting, calling or emailing with them several times a month.

Being an STEM mentor is not a huge time commitment, but the impact you will have on the students is immense. They look to you for advice and encouragement, and your support is crucial to their success. Please consider contributing a couple hours a week to this great program.

For more information, check out the the competition's website! <http://futurecity.org/wisconsin>

Anyone interested in volunteering as a mentor can reach out to Pat Flaherty (patrickf@rileycon.com) to get signed up!

Thanks to all those who are interested in helping out; as well as all those who have helped with this competition in the past!

Renew your ASCE membership

Article By: ASCE National

As a current ASCE member we thank you for your past support and hope you were able to take full advantage of your membership benefits. To encourage members to renew early this year we are offering some great Amazon gift card prizes*.

Here are the early bird renewal prizes you could be eligible for:

- A \$500 Amazon gift card if you renew by September 20, 2016
- A \$250 Amazon gift card if you renew by October 18, 2016
- A \$100 Amazon gift card if you renew by November 15, 2016



To sweeten the deal, we'll enter you into all of the drawings that occur after your renewal, so the earlier you [renew](#) the more chances you have to win. Everyone that renews by December 12, 2016 will also be eligible for our grand prize drawing for a **\$1000 Amazon gift card***.

Renew at:

<https://secure.asce.org/ASCEWebsite/SECURE/SignIn/SignIn.aspx?ASCEUrl=/ASCEWebsite/Secure/MembershipRenewal/MembershipRenewal.aspx>

Prefer to renew by phone? ASCE's Customer Service is available at **(800) 548-ASCE (2723)** between 9:00 a.m. – 6:00 p.m., E.T., Monday to Friday.

ASCE Member Spotlight: John Corbin

Article By: Nick Bobinski

This month we are shining a spotlight on John Corbin, who recently achieved the membership grade of Fellow in ASCE. Below is a summary of John's accomplishments and a Q&A with John.

ASCE Fellows have made substantial contributions and developed creative solutions that change lives around the world. It is an honor held by fewer than 3.5% of ASCE members.

John Corbin completed his Bachelor's degree at UW-Milwaukee and earned a Master's degree from UW-Madison. John also holds a Certificate in Public Administration, is a registered P.E. in Wisconsin, and is a Certified National Professional Traffic Operations Engineer.

John's professional career began with the Illinois DOT, and continued as a Traffic Control Engineer for the City of Milwaukee. The bulk of John's career was spent at the Wisconsin DOT, where he was a Freeway Operations Engineer for 10 years, State Traffic Engineer for 8 years, and Director of Traffic Operations for 4 years. John then spent a year as Director of Traffic Operations for the Iowa DOT, and is currently a Transportation Specialist for the Federal Highway Administration (FHWA) as well as an Adjunct Professor at UW-Madison.

John has consistently served the traffic operations committees of ASCE as an active member for nearly 20 years. He has built relationships with and represented ASCE traffic operations committees as a liaison with related committees of the Institute of Transportation Engineers (ITE), the American Association of State Highway & Transportation Officials (AASHTO), the Transportation Research Board (TRB), and the Intelligent Transportation Society of America. He represented and engaged ASCE as he led the formation of and chaired the National Traffic Incident Management Coalition in creating the National Unified Goal for Traffic Incident Management. He similarly strategically represented ASCE as a Vice Chairperson of the Technical Coordinating Committee of the Strategic Highway Research Program, and has initiated partnership of ASCE with the resulting National Operations Center of Excellence. He is correlating emergent TRB initiatives with his membership in multiple committees of the ASCE Infrastructure Resilience Division.

John led the creation of metropolitan traffic engineering programs in freeway traffic management systems & Intelligent Transportation Systems (ITS) in Metropolitan Milwaukee. He directed the development of a regional traffic incident management & integrated corridor traffic management program that was recognized by national awards. John directed the creation and administration of WisDOT's statewide ITS deployment planning document and process that was also recognized by national award. John also directed the nation's second state truck size & weight study under state legislative oversight, and later conceptualized and directed initial phases of the nation's first recognized Transportation Systems Management & Operations (TSM&O) Program Plan.

John has served as President of the Wisconsin Section of ITE, and is an active member at the Fellow grade and International level of ITE's TSM&O Council Executive Committee. He has been an international member of ITE since 1986. He has served vice chairperson of the AASHTO Subcommittee on TSM&O, vice chairperson of the TRB Strategic Highway Research Program Reliability Technical Coordinating Committee, and chairperson of multiple TRB project panels on topics related to traffic operations engineering. He was a member of AASHTO committees from 2003 to 2015, and has been a member of TRB committees since 2005.

ASCE Member Spotlight: John Corbin (cont'd.)

Q&A with John Corbin:**Why did you choose to become a Civil Engineer?**

Construction amazed me at an early age, and my dad took a day of vacation to visit a site with me when I was about four years old. It happened to be a highway construction site for a portion of the Milwaukee expressway system, which was very actively under development at that time. That experience made an impression that was validated by other encounters, and I ultimately pursued civil engineering as an undergraduate degree with the primary intent of becoming a construction engineer. As I entered the field as a construction engineer with the Illinois DOT, it seemed that the construction field operations oversight work which had attracted me was becoming less of an engineering discipline and more of a project management and administration function led increasingly by non-engineers. The diversity of opportunities and technical challenges that I experienced within a state transportation agency evolved my interest and passion towards transportation engineering in general, and traffic engineering in particular. This career direction has been personally validated by the publicly visible and tangible nature of transportation infrastructure systems, the expanding diversity of associated technologies and applications, and the very direct community relevance of next generation transportation system solutions – particularly those involving integrated vehicle-infrastructure technologies.

What is the most interesting/notable project you have worked on?

I was blessed with the opportunity to work for both the City of Milwaukee and the Wisconsin DOT in the formative years of the Metropolitan Milwaukee freeway traffic management and ITS program. I was able to develop personally and professionally at the staff level as a project manager, a program manager, and eventually a senior organizational manager with WisDOT while developing the Southeastern Wisconsin traffic operations and ITS program and expanding it to a statewide program model. Specific elements included operations software and communication network development, traffic operations center planning and management, traffic incident management and emergency response program creation, and Integrated Corridor Management prototyping. WisDOT is an amazing organization, and continues to be recognized at the national level for its ongoing leadership in traffic operations and highway safety program areas. While on the WisDOT team and subsequently with the FHWA, I have been afforded opportunities for national leadership in initiatives related to traffic operations and ITS that include most recently planning and preparing for the Connected Vehicle. It has been extremely fulfilling to be part of early metropolitan ITS project experience that is now being extrapolated into the excitement of 21st Century Transportation Systems Management & Operations.

Discuss one of your mentors and the most important thing they taught you:

Ron Sonntag is one of the most profoundly professional civil servants that I have met, and I had the privilege of supporting his leadership when I joined WisDOT in the early 1990's. Ron had patiently and painstakingly spearheaded vital regional planning and partnership development work, as well as the detailed technical analysis and internal championing to align DOT's support enabling the Metropolitan Milwaukee ITS program. He built and led the organizational part of the DOT that planned, deployed, and operated the early freeway traffic management system; and was also instrumental in conceptually defining the origins of the freeway system reconstruction and modernization program that is now underway. Ron modelled effective servant leadership by deferring credit and opportunity to those that he led, by recognizing our success, and by encouraging us to persevere and learn from our missed opportunities. Ron served the professional community as adjunct faculty at Marquette University upon retirement from the DOT, and remains an accessible and active member of the transportation engineering community. Over the past 25 years, Ron's patient one-on-one conversations, memorable example, and other mentoring

ASCE Member Spotlight: John Corbin (cont'd.)

investments have taught me that sustained passion must be integrated with persistent professionalism to effect meaningful change in the public sector.

What is most valuable part of membership in ASCE?

ASCE is a community serving community. Experiences as an ASCE student chapter member at UW-Milwaukee, involvement in the Wisconsin Section, and engagement at the national level have established the cornerstone of my professional network. It is this connection with other professionals within the motivating context of a structured and accountable organization that defines professionalism for me, and is the most valuable part of membership in ASCE. This professional community of friends and peers has been a vital resource in defining a career path and pursuing employment, in exploring personal development in state and national professional leadership, in partnering for research and knowledge development, and in maintaining a healthy balance between production and relationship. I anticipate that this community will become even more vital and valuable as we as civil engineers adapt to integrate transportation systems into broader cross-disciplinary and connected infrastructure and community systems solutions.

Newsletter Publication

We welcome your articles, letters & news items for publication in the ASCE SE Branch Newsletter.

Advertisements and job postings are also accepted by contacting:

Brian Genduso, P.E. – 414.278.9200 – bjg@spireengineer.com

Deadline for next issue is the first of the month.