

SOUTHEAST BRANCH NEWS

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

PRESIDENT'S MESSAGE

Hello Southeast Branch!

It's fall in Wisconsin and that means... snow? ice? sub-zero wind chills?!? OK, Mother Nature might be a little bit confused but if you've been living in our great state for any length of time, you know you need to be prepared for anything in Wisconsin! I'm choosing to remain optimistic, with hopes that an early *start* to winter will also mean an early *end* to winter.

While most of us might not be thankful for this quick start to winter, we can all appreciate the quick start to the year for our Branch. The Younger Member Group hit the ground running with their kickoff meeting at Axe Bar MKE, a visit to the Silver Spring Neighborhood Center, and another successful STEM Expo! We also had a great turnout at our Ethics dinner, and there are more great events to come! Read on in the newsletter for all the details.

Speaking of being thankful, Thanksgiving is right around the corner, and for many that means traveling to spend time with loved ones. Whether you're traveling near or far, plan ahead and take your time. While making your way to your destination, take a look around and reflect on the work done by engineers to build our world. This reflection will likely be a reminder that the work of Civil Engineers is never complete. Our infrastructure is in constant need of updates, and that is more apparent now than ever! That said, you and I can take great pride in knowing that our profession can have a meaningful, lasting impact in our communities and the world. I'm certainly thankful to have that opportunity.

One more thought: if you happen to find yourself with a bit of spare time over the holidays, check out a free on-demand webinar. Don't let

this valuable ASCE benefit go to waste! See the link at the end of the newsletter.

As always, please contact me or any board member if you're looking for ways to get more involved, or if you have ideas for speakers, meeting topics, tours, or outreach opportunities.

Sincerely,

Nick Bobinski, P.E., M.ASCE

Wisconsin Section, Southeast Branch, President

nbobinski@kapurinc.com



November Member Meeting at MMSD

We will be holding our November lunch meeting at MMSD on Friday, November 22nd from 12:00 pm until approximately 1:00 pm. Rick Niederstadt of MMSD will be speaking on MMSD's recent efforts to implement a new project management information system, e-Builder, and its impact on MMSD project management.



e-Builder, a cloud-hosted software solution, allows project team collaboration inclusive of all internal MMSD stakeholders as well as external stakeholders (i.e., consultants, contractors, Veolia). e-Builder provides a single software solution to manage all aspects of MMSD projects including costs (i.e. budgets, contracts, contract changes, invoices, expenses), schedule, scope, and other documents.

The deadline to register is Thursday, November 21st at noon. Please contact Tony Castle at (414) 810-8264 or tony.castle@aecom.com with any questions.

[Get more information](#)

[Register Now](#)

October Ethics Dinner Recap

On October 30th we held our October Monthly Meeting and Ethics Presentation at the Wicked Hop Jackalope Lounj in the Third Ward. Southeast Branch President-Elect, Tony Castle, led over 30 members, non-members, and students in an interactive discussion about engineering ethics. Thank you to everyone who was able to attend and participate!



If you attended the meeting and did not already receive your PDH, please contact Tony Castle at (414) 810-8264 or tony.castle@aecom.com

UWM Institute for Physical Infrastructure & Transportation (IPIT) **Presents the Inaugural Fall Seminar**

Friday, November 15th
10:30 am - 11:30 am

Wisconsin Government, Industry and University Partnerships to Meet Transportation and Infrastructure Challenges

Speaker: Craig Thompson, Secretary of the Wisconsin Department of Transportation (WisDOT)

The UWM Institute for Physical Infrastructure & Transportation (IPIT) is pleased to host this inaugural fall seminar at UWM. The focus of IPIT is to find solutions to our nation's physical infrastructure and transportation problems through collaborative research, education, work force development, and technology transfer. The Institute enjoys collaboration across a wide array of disciplines through the affiliation of faculty, students, industry representatives, and others with expertise in engineering, computer science, urban planning, social science, economy, and policy.



Secretary Thompson will speak on WisDOT's vision for future transportation and infrastructure systems in the state, the role of technology integration, and how partnership between government, industry, and universities may be created and leveraged to achieve such a vision for the state of Wisconsin.

Secretary Thompson leads WisDOT, one of the largest state agencies, with 3,400 employees and a biennial budget of more than \$6 billion. Secretary Thompson served as the Executive Director of the Transportation Development Association (TDA) prior to being designated as the WisDOT Secretary in January 2019. He has over 25 years of experience working with Wisconsin businesses, communities, legislators and units of government.

Registration is complimentary and closes November 14th.

[Register here](#)

Questions? Contact Professor Ghorbanpoor at algh@uwm.edu

Paid parking available on east side of UWM Student Union.

Younger Member Group News

STEM Expo Recap

The 2019 STEM Expo took place this past weekend at the MSOE Kern Center. We had almost 50 interactive stations for the over 250 kids in attendance. A big thank you to our sponsors and volunteers!! This event can't happen without your support. Check out some photos from the event below.



Younger Member Group News (Continued)

YMG Kickoff Meeting



The Younger Member Group held their kickoff meeting on Thursday, October 24th at Axe Bar MKE. A mix of students from Marquette, MSOE and UWM attended along with YMG members, who all enjoyed some axe throwing and networking. Thanks to everyone who attended and check out the picture of a bullseye by the Branch Treasurer!



Mentorship Program

The Mentorship program is still accepting applications for Professional Mentors. Applications are due Friday, November 15th. The program is designed to pair ASCE Student Mentees with ASCE Professional Mentors and challenge them to participate in events together. Use the link below to register.

[2019 Mentor Program Application](#)

Student Scholarships

Students – don't forget to submit your scholarship applications!

The Southeast Branch will be awarding three \$3,000 scholarships to college students in the Milwaukee area this year. **Applications are due November 21st** and scholarships will be awarded in January.

Students from Marquette University, Milwaukee School of Engineering, and the University of Wisconsin-Milwaukee are encouraged to apply. Application forms and more information can be found at <http://www.ascewise.org/scholarships/>

Join the 2020 ASCE WI Section Annual Meeting Planning Committee!

The Southeast Branch will host the Wisconsin Section Annual Meeting in the Fall of 2020. We are currently forming a committee to begin the planning process. We will also be seeking speakers for the general and technical sessions.

For more information, please contact Nick Bobinski via email at nbobinski@kapurinc.com

Future City Volunteer Judges Needed

This year's Future City theme challenge is **Clean Water: Tap into Tomorrow**. Teams are asked to identify a threat to their future city's water supply and design a resilient system to ensure a reliable supply of clean drinking water. STEM Forward has begun recruiting

volunteers – mentors and judges for Virtual City and City Essay deliverables.



Mentor

If you are a STEM professional looking to engage with middle school students to help them build a city of the future - this opportunity is for you! I have a few schools that are still in need of a mentor – located in Cudahy, Waukesha, and Port Washington. **If interested**, please contact **Heather Dummer Combs**, hcombs@stemforward.org

Virtual City Judge

Teams will develop their city using Sim City and submit PDF slides for judging. Virtual City judging is completed on specified dates at area schools. No experience necessary, and training will be provided! We do ask for a minimum 2-hour commitment. Food and soft drinks provided to all who volunteer. Dates, times and locations are below. **If you're interested**, please contact WI Regional Future City Committee member and Virtual City judging coordinator, **Joe Lucchesi**, joe@buttersfetting.com

Tuesday, December 3, 4:30-7:30pm – Wisconsin Lutheran High School, Milwaukee

Thursday, December 5, 4:30-7:30pm – Wisconsin Lutheran High School, Milwaukee

Monday, December 9, 4:30-7:30pm – Waukesha STEM Academy, Saratoga Campus

Thursday, December 12, 4:30-7:30pm – Waukesha STEM Academy, Saratoga Campus

City Essay Judge

Teams will submit a 1,500 word essay on the provided topic – this year it is Clean Water. Students are asked to imagine what it would be like in a city at least 100 years in the future. Essay judging is done online using a provided rubric from late December through early January at your convenience - so you can even judge from home! No experience necessary, but we do ask that you commit to judging a minimum of 5 essays – keep in mind these are written by middle school students and they are 1,500 words or less. **If you're interested** in helping judge the City Essays, please **go to** futurecity.org to register as a judge, be sure to mark Wisconsin as your region. If you have questions, please contact WI Regional Future City Committee member and City Essay judging coordinator, **Sara Feuling**, sfeuling@AEM.org

Regional Competition

This year's Wisconsin Regional Future City Competition is on **Saturday, January 18, 2020**, at MSOE Kern Center. We will need presentation judges and other volunteers to make this event a success. Mark the date on your calendar and stay tuned for more information as the program progresses.

[Southeast Branch Facebook Page](#)

The Southeast Branch has revamped our Facebook page! A link to the new site can be found below. Be sure to Like and share our page to stay up to date on future Southeast Branch news and events.



[Meeting Sponsorship Opportunities](#)

Is your company interested in a unique sponsorship opportunity? Our monthly member meetings are a great way to connect with Civil Engineers in Southeast Wisconsin! Contact Kyle Bareither (Kyle.Bareither@ramboll.com) to discuss upcoming sponsorship opportunities.

[Speakers](#)

The Southeast Branch is developing a speaker list. If you would like to present at one of our monthly meetings in the area, please reach out to Kyle Bareither (Kyle.Bareither@ramboll.com). This would also be used to provide speakers to our three local student chapters; please consider reaching out and passing on your knowledge!

[10 FREE PDH hours through ASCE](#)

Annual ASCE membership now includes TEN free on-demand webinars worth up to 15 PDHs! Take advantage of this benefit before the end of the year!

[Courses are available in numerous disciplines!](#)

[Free on-demand webinars](#)



[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:

Kyle J Bareither, P.E. – 414-837-3574 – Kyle.Bareither@ramboll.com

or by visiting the employment page on our website (<http://www.ascewise.org/employment/>)

*Deadline for next issue is the first of the month.

The following are paid advertisements and are not affiliated with ASCE.



CREATIVITY BEYOND ENGINEERING

raSmith Structural Bridges Leader Job Posting

raSmith is a consulting civil engineering and land surveying company dedicated to our clients, employees and profession. Our clients come to us for creative and effective solutions for their projects. Our work includes both private and public sector projects in land development, transportation/traffic, structural, municipal and ecological areas. We work on projects nationwide from our eight locations in Wisconsin, Illinois and California.

We have an opportunity for an individual with a strong structural and bridge design background and leadership experience. We are seeking an individual to manage and grow the Firm's bridge design practice, which is a sub-discipline of our Structural Division. We are looking for a team-oriented person who has well-rounded engineering experience working in concrete and steel bridge design and project management with a Wisconsin DOT focus.

As a seller-doer, this person will serve as project manager or technical lead on bridge-related projects. Technical responsibilities include:

- Performing NBIS bridge inspection services of routine and complex structures
- Active participation in business development activities including project pursuits, client management, and organizational involvement
- Working in collaboration with the firm's Transportation Division to develop relationships with targeted clients and pursue transportation infrastructure projects for state and local clients in Wisconsin and the Midwest

Requirements:

- Bachelors of Science degree in Civil Engineering is required, Masters of Science degree in Civil Engineering is preferred.
- Ten (10) plus years of bridge design experience including structural design of local, highway, and interchange bridges and ancillary structures. Three (3) plus years of bridge design experience as a Bridge/Structures Technical Lead or Project Manager.
- Wisconsin Professional Engineer Licensure required, Illinois Structural Engineer Licensure preferred.
- Strong knowledge of Wisconsin DOT Facilities Development Manual and BOS Bridge Manual including standards, specifications, and procedures.
- Strong working relationship with WisDOT BOS staff and WisDOT project development project managers.
- WisDOT Certified Bridge Inspector Team Leader required
- Proficient in AASHTO LRFD design of bridges, retaining walls, culverts, and other ancillary transportation structures.
- Experience with bridge analysis and design software including MDX and LEAP Bridge Suite.
- Experience with AutoCAD and MicroStation.
- Structural design of buildings and related structures a plus.

We are proud to be an EOE/Affirmative Action/Veterans/Disabled employer.

Please visit our career page at: <https://www.rasmith.com/careers/career-opportunities/> to apply for this opportunity.