

SOUTHEAST BRANCH NEWS

Civil Engineers – Designers and Builders of the Quality of Life

March 2022

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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

Hello, ASCE WISE!

I hope you are all as excited as I am for the warmer temperatures that are popping up in the forecast! I hope many of you have been able to find some time to enjoy the trends in the correct direction for the pandemic by meeting up with friends or family that may have gone too long with some quality time. As much as the news hasn't been giving us the longest list of things to celebrate, we can certainly enjoy a chance to re-connect.

For those that may not have been following some of the section and branch activity on social media, it has been a very, very busy spring in the realm of infrastructure advocacy. Our delegation of advocacy captains and report card chairpersons attended the Legislative Fly-In to Washington, D.C. at the beginning of March. In partnership with our government relations group at the Society level, we have also coordinated many different media interviews, Op-ed submittals, and more! If you are interested in learning more, please reach out to me.

I am also excited to share exciting news about several different initiatives that are currently in development. SPOILER ALERT! If all goes according to plan we have plans for reigniting our mentorship program, and will hope to have many of you step forward to engage with the younger, next generation of engineers. We have also been meeting in earnest towards the centennial celebration of the Wisconsin Section in 2023, which will be a year-long series of events and celebrations. It should be epic.

I look forward to the opportunity to gather, celebrate, encourage one another, and enjoy being a part of ASCE and this industry.

Regards,

Jake Brunoehler, P.E., M.ASCE
Wisconsin Section, Southeast Branch, President
Jake.Brunoehler@adspipe.com



Southeast Branch to Host Virtual Spring Technical Conference

The Wisconsin Section Southeast Branch of ASCE is excited to host the Spring Technical Conference virtually on Friday, April 8, 2022! Do not miss the chance to earn up to 6.5 PDH credits! Registration for the event is OPEN!

[Full detail and registration can be viewed here.](#)



Legislative Fly-In Recap

By Jake Brunoehler

The annual ASCE Legislative Fly-In returned this week to Washington, DC, for the first time in three years! The Wisconsin delegation included Ken Mika, Bob Bryson, and Jake Brunoehler who met with staff from several congressional offices to advocate towards better, more sustainable infrastructure funding. The ASCE fly-in gathered 225 ASCE members from 48 states, the District of Columbia, and Puerto Rico – most of them in person, some participating via Zoom – for a three-day program of advocacy sessions and networking, highlighted by congressional visits to discuss infrastructure.



SE Branch Scholarship Award Event

Article by Aaron Bubb

On January 27th, the Southeast Branch awarded our annual scholarships to **Gabriela Lukanus** of Marquette, **Kyle Ignasiak** of MSOE, and **Javier Retana** of UW-Milwaukee.



Gabriela Lukanus is pursuing a civil engineering degree and has previously served as ASCE's vice president and concrete canoe captain. Currently, Gabby is the ASCE student chapter president. In this role, she feels a responsibility to hold herself and others in the organization accountable for creating a space to encourage inclusion and expression of thought. Gabby is involved in the Milwaukee community by hosting food and clothing drives for the Hope House and volunteers at Make a Difference Day and Hunger Clean Up. In the future, she plans on taking the FE and obtaining her PE license. After graduation, Gabby will be pursuing a Masters Degree in Civil Engineering specializing in Transportation and Materials. She has found a passion in leadership and looks forward to the challenges that it brings.



Kyle Ignasiak is pursuing a Bachelor of Science in Civil Engineer degree. As part of ASCE, Kyle shares the secretary and professional outreach responsibilities. In this role, he organizes presentations from civil engineering professionals. In the past, Kyle has volunteered at the STEM Expo, which has taught him the importance of sparking children's interest in learning. Another way he gives back is through the Adopt-A-Highway program, where he picks up trash along STH 100 between Burleigh Street and Capitol Drive three times a year. After graduation, Kyle has already accepted a full-time position with a consulting firm and will begin his path toward becoming a professional engineer.



Javier Retana is pursuing a Bachelor's Degree in civil engineering. Javier is the president of the Society of Hispanic Professional Engineers where he has organized a resume workshop which brings in professionals to offer their insights and provide useful interview tips. When the COVID vaccines came out, Javier helped with the registration process and used his bilingual skills to translate for the Hispanic community. After graduation, Javier will be pursuing a Master's Degree in structural engineering and plans to sponsor a scholarship and provide mentoring for UWM students studying civil engineering because he has been fortunate to have had many great mentors.

Thank you to our Scholarship Committee who reviewed the applications.



After the scholarships were awarded, **John R. Campbell IV** of Traffic Analysis & Design Inc. spoke about the Village of Whitefish Bay's Safety Improvements. After years of increasing crashes in the community, safety improvements have now put a smile on residents' faces as crashes have been reduced 39% since 2015 through federally supported projects and innovative engineering solutions. John's presentation discussed the safety improvements implemented including a "Danish Offset" pedestrian crossing, high-friction surface treatment on urban curves, leading pedestrian intervals at signals, rectangular rapid flashing beacons, and other low-cost treatments.

Get to Know Your Board – Tony Castle, PE

1. **Tell us about yourself:** I am the Southeast Branch Past-President and also currently employed as a Structural Engineer at AECOM in Milwaukee. I am happily married to my wonderful wife Kimberly and we have two beautiful children.
2. **Where did you go to school?** I graduated with a B.S. in Civil Engineering from UW-Milwaukee in May 2009 and received my M.S. in Structural Engineering from the Milwaukee School of Engineering in March 2014
3. **Do you have any hobbies?** I enjoy golfing, bowling, running and am an avid fan of the Brewers, Packers, and Bucks!
4. **What is your favorite television show(s)?** I am on pins and needles waiting for the final season of Better Call Saul. I also recently binged The Crown and Schitt's Creek on Netflix. Dave on FXX is one of my favorites too.
5. **What is the highlight of the past year?** The birth of my son. His laugh and smile instantly puts me in a better mood.
6. **What did you want to be when you grew up?** I think at one point I wanted to be an Astronaut, but when I got to college I was torn between a gym teacher and engineer. I figured out pretty early that I wanted to be an engineer, and I like to think I picked the right choice.
7. **What is the best place you have visited?** The Florida Keys were pretty fun.
8. **What is a place you would like to visit before you die?** I've never been to Europe, it would be nice to do some sight seeing there. I have extended family that still lives in Germany, it would be nice to see/meet them one day.
9. **How did you get involved in ASCE?** I had Co-workers who were involved in YMG and suggested I get involved. I went to a few functions and got hooked.
10. **What do you like most about ASCE?** I like the diversity of civil engineers in ASCE. A lot of times organizations are too specialized. ASCE gives you the opportunity to meet and socialize with engineers who might not do exactly what you do but are still in the same "civil" umbrella.



11. What advice do you have for ASCE members? Don't be afraid to get involved. Volunteering (ie board position, hint hint) always seems more daunting than it actually is. But once you start doing it, I've always found it's more fun than you think!

Student Affairs Update

From John Bowen and Gabby Lukanus

Marquette's concrete canoe team finished their concrete canoe pour this month and had an awesome turnout! A few members from Marquette's EWB chapter stopped by for the really great learning experience as this is the first canoe we've been able to pour since COVID.

Marquette has also had the opportunity at their last General Body meeting in February where their past president, Teddy Martin, presented on the transition from school to industry.



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:

Jake Brunoehler, P.E. — 262-794-2306 — Jake.Brunoehler@adspipe.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.



**VILLAGE OF COTTAGE GROVE, WISCONSIN
DEPUTY DIRECTOR OF PUBLIC WORKS & UTILITIES**

Village of Cottage Grove, Wisconsin (7,303). The Village seeks a skilled professional to direct and manage the Village's Public Works Department, including water and sewer utilities. This newly created position will be important addition to the Village's management team, working cooperatively with the Director of Public Works/Deputy Village Administrator. Cottage Grove is a full-service municipality.

The Deputy Director of Public Works & Utilities is responsible for directing and administering the activities of the Public Works Department. This position involves planning and coordinating the programs and services of the department. The Deputy Director helps prepare and present the operating and capital budgets for public works and both utilities totaling more than \$5.3 million (over three funds).

The Deputy Director will be responsible for the supervision of all Public Works & Utilities staff, currently comprised of seven FTEs plus two seasonal employees, including one utility clerk, one foreman, four public works technicians and one utility operations technician. Cottage Grove utilities consist of three community wells, 37 miles each of separate water and sewer mains, and four lift stations; it serves approximately 2,500 residential and commercial customers.

Qualified candidates should have:

- Associate's degree; Bachelor's degree in Business, Public Administration, or Civil Engineering is a plus.
- 5+ years of progressively responsible positions in municipal public works, utilities or any combination of education and experience that provides equivalent knowledge, skills, abilities, including supervisory experience.
- Ability to obtain Wisconsin DNR operator certifications for water and wastewater utilities within 12 months of employment.
- Ability to obtain a Wisconsin Commercial Driver's License (CDL) Class B within six months of employment.
- Well developed skills in effective service delivery, project and time management, creative problem solving and team building.
- Excellent interpersonal, communication and listening skills
- Have a record of responsiveness, problem solving and decisiveness
- Possess a passion for public service; and
- Have a desire to work collaboratively with Village departments in the delivery of Village services

The Village is most interested in finding the best candidate for the job, and that candidate may be one who comes from a less traditional background. The Village will consider any equivalent combination of knowledge, skills, education, and experience to meet minimum qualifications.

Starting salary: \$82,000 +/- DOQ, plus exceptional benefits. Candidates should apply by March 28, 2022 (Open until filled) with resume, cover letter and contact information for three work-related references to www.GovHRjobs.com to the attention of Lee Szymborski, Senior Vice President, GovHR USA, 630 Dundee Road, #225, Northbrook, IL 60062. Tel: 847-380-3240. The Village is an Equal Opportunity Employer.

[Click Here to Apply](#)

**WATER UTILITY SUPERINTENDENT
PORT WASHINGTON, WISCONSIN**

Water Utility Superintendent, Port Washington, WI (12,353). The City seeks a Water Utility Superintendent.



The new Superintendent can expect to:

- Operations of four MGD surface water filtration plants, three elevated storage tanks, 68+ mile distribution system, over 5,000 metered customers.
- Supervises four plant operators and five employees who perform maintenance duties at the plant, pump stations, towers, and distribution system.
- Helps prepare and manage operating and capital budgets (\$3.2 million, plus capital spending).
- Work with Street Commissioner and Wastewater Superintendent, reports to Director of Public Works
- Lead the water utility as it undertakes in 2023 a \$17 million plant improvement project adding UV treatment, emergency power supply and with other electrical upgrades
- Guide the Water Utility toward compliance with upcoming lead abatement requirements within the distribution system including lead service pipe replacement
- Take on full conversion to an automated radio read system of water meters
- Undertake annually one mile of water-main replacements
- Meet the high standards of service quality that the utility's customers have come to enjoy assuring that the organization's culture is focused on responsiveness to the community; and
- Examine staffing levels, workforce deployment and retention issues, and succession planning needs

Qualified candidate will:

- Associate's degree; Bachelor's degree in water science, business, public administration, or civil engineering is a plus.
- Four (4) plus years of progressively responsible positions in municipal public works, utilities or any combination of education and experience that provides equivalent knowledge, skills, and abilities, including supervisory experience.
- Obtain a Surface Water Grade 1 and Distribution Grade 1 Operator DNR certifications within six months of employment.
- Obtain a Wisconsin Commercial Driver's License (CDL) Class B within six months of employment.
- Have a record of responsiveness, problem solving and decisiveness
- Have a desire to work collaboratively with City departments in the delivery of City services
- Possess well-developed skills in effective service delivery, project and time management, creative problem solving and team building
- Have excellent interpersonal, communication and listening skills; and
- Ideally have some supervisory experience.

Starting salary: \$82,000 +/- DOQ, plus exceptional benefits. Candidates should apply by April 11, to www.GovHRjobs.com to the attention of Lee Szymborski, Senior Vice President, GovHR USA, 630 Dundee Road, #225, Northbrook, IL 60062. Tel: 847-380-3240. The City is an Equal Opportunity Employer.

Moline IL Director of Engineering

The City of Moline, IL (population 42,985) is seeking a Director of Engineering to lead the Engineering Department's 16-member professional staff and direct the design and construction of major municipal infrastructure and facility projects.

The City of Moline is in Rock Island County, Illinois, and makes up part of the "Quad Cities" along with East Moline, Rock Island, Bettendorf, and Davenport. Chicago is 175 miles to the east of Moline and Des Moines is 160 miles to the west. Infrastructure, ranked as a priority by residents in the City's 2022-2024 strategic plan, encompasses water, sewer, street, sidewalk, and transportation projects that will be a primary focus for the Director of Engineering.

The Director of Engineering oversees an annual operating budget of \$1.7 million and an average annual capital budget of \$17.2 million. As a department head, this position serves as a member of the City's management team and works in collaboration with other City departments and government entities to address engineering design needs and ensure the safety of public infrastructure. The Director of Engineering has the discretion to augment the City's engineering staff by drawing on needed talent from an approved pool of consulting engineering firms.

The salary range for this position is \$110,455 - \$154,637. The anticipated starting salary is \$132,546 +/- DOQ/E. The City provides health insurance benefits and participates in the Illinois Municipal Retirement Fund, which includes pension, short-term disability, and permanent disability programs.

The Director of Engineering position requires a bachelor's degree and seven years progressively responsible experience in civil engineering, including at least three years of supervisory experience; or equivalent combination of training and experience, which provides the required knowledge, skills and abilities. The successful candidate must be licensed as a professional engineer (PE) in the State of Illinois or able to obtain such licensure in a reasonable period of time.

Qualified candidates please submit your cover letter and resume online by visiting our website at:

<https://bakertilly.recruitmenthome.com/postings/3293>

This position is open until filled; however, interested applicants are strongly encouraged to apply no later than Monday, March 14, 2022. For more information, please contact Sharon Klumpp at sharon.klumpp@bakertilly.com or by calling 651-223-3053 or Anne Lewis at anne.lewis@bakertilly.com or by calling 703-723-8214. EOE.

**TRANSPORTATION ENGINEER – CITY OF MADISON, WI**

SALARY: \$72,346.82 - \$86,947.64 Annually

CLOSING DATE: 3/21/22 11:59 PM (Has Been Extended)

GENERAL DESCRIPTION:

The City of Madison is aggressively pursuing transportation initiatives that increase roadway safety and promote sustainable transportation choices. This journey-level professional engineering position will support these efforts to create a more human centered transportation system. Activities associated with this position include identifying candidate projects, performing preliminary horizontal and vertical design, determining project feasibility, and estimating construction costs. Other work efforts could include preparing engineering studies, researching state of the practice, pursuing grant opportunities, and assisting in transportation improvements prioritization. Duties will include presenting projects and design concepts to committees and in public meetings; and interacting with other City and State agencies to move transportation projects forward.

The work is characterized by the exercise of technical and professional judgement. The work is performed under the general direction of the Director of Transportation, and includes extensive interaction with Transportation and Engineering staff.

MINIMUM QUALIFICATIONS:

Two (2) years of professional engineering experience in the design and construction of public works projects.

Bachelor's degree in civil engineering or a closely related field.

SPECIAL REQUIREMENTS:

Possession of a valid Certificate of Engineer in Training in the State of Wisconsin upon appointment.

Please apply here: [Transportation Engineer](#)