THE

INFORMANT

NEWSLETTER OF THE MAINE SECTION ASCE

January 2023

From the Editor:

Happy New Year!

I hope you have settled back into the post-holiday work schedule with ease. It is 2023, and as we reflect on the last year and create goals for the year to come, the Maine Section of ASCE is here to help you. If your goal is to learn something new, advance/promote our profession, present to colleagues, meet new people, or volunteer, ASCE has many opportunities for success. The first meeting of the year is a joint meeting with SEAM and presentation on the Veranda Street Bridge Replacement Project. We are always looking for help on various committees and Board activities.

We hope to see you soon!

Heather

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Maine Section ASCE - Save the Date(s) January 2023							
8	9	10	11	12	13	14	
15	16	17	18	19 ASCE/SEAM Joint Meeting	20 g!	21	
22	23	24	25	26	27	28	
29	30	31	Feb 1	Feb 2	Feb 3	Feb 4	







President's Message

Happy New Year everyone! I hope you all had a chance to spend time with family and friends. I am very excited to see what 2023 has in store for us.

We will have an opportunity to have a joint meeting with SEAM on January 19th. This presentation will feature the Veranda Street Bridge project on Interstate 295. This is a fantastic project and I highly encourage you to attend. Details are on page 3 of The Informant for signing up.

Planning of Ski Day should be right around the corner and I am very excited to find as many reasons as possible to get some skiing in this year. Please feel free to reach out to the board if you have interest in participating in Ski Day.

The ASCE Technical Seminar is planning is commencing. We are actively looking for presentation volunteers for the Tech Seminar. Our theme is yet to be determined, but we will certainly keep everyone advised as we move further along.

I look forward to seeing you all in 2023! Wishing it brings us all good health and prosperity.

Thanks, **Don LeBlanc, P.E.** Maine Section ASCE President











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SEAM & Maine Section ASCE - Joint Meeting I-295 Bridge Replacement over Veranda Street Thursday, January 19th, 2023



Earn 1 PDH! – Register HERE

Photo courtesy of MaineDOT

Location:

Portland Sheraton at Sable Oaks 200 Sable Oaks Drive South Portland, Maine

Schedule:

5:00 pm – 6:00 pm Registration/Social 6:00 pm – 6:45 pm Dinner 6:45 pm – 7:45 pm Presentation

Cost:

ASCE/SEAM Members - \$50 Non- Members - \$60

SEAM/ASCE Maine Chapter Joint Meeting: I-295 Bridge Replacement over Veranda Street, Portland

In one weekend, the MaineDOT replaced a 60-year-old structurally deficient bridge, carrying I-295 over Veranda Street in Portland Maine. Work began to remove the existing structure on Friday at 7 p.m. and by Monday at 7 a.m. the new bridge was in place, paved, striped and open to traffic.

To reduce the long-term congestion of a multi-year replacement and increase the safety of the traveling public and workers during construction, the bridge replacement was completed using Accelerated Bridge Construction (ABC). The method of ABC selected for this project involved building the upper portion of the new bridge to the side of the existing one on temporary supports. At the same time, the new bridge foundations were built beneath the existing bridge. Then, while the roadways were closed, the new bridge was lifted and driven into place using a self-propelled modular transporter (SPMT).

The successful MaineDOT project was a team effort including contracting partners HNTB, Cianbro, Shaw Brothers and others. We feel very fortunate to have three team members Devan Eaton, P.E. (MaineDOT), Tim Cote, P.E. (HNTB), and Harold Walton, P.E. (HNTB) join us to discuss this innovative project.

PLEASE RSVP BY Thursday, January 12th! Email Nate Strout for more information: <u>Nate.Strout@swcole.com</u>



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High School Scholarship!

MAINE SECTION ASCE HIGH SCHOOL SCHOLARSHIP

The ASCE Maine Section is seeking applicants for its *Civil Engineering High School Scholarship*. There will be one \$2,000 scholarship awarded to an outstanding high school senior from Maine who plans to major in civil engineering in college. The student selected must show proof of enrollment in a four year ABET accredited Civil Engineering program. This scholarship has been highly successful in past years and typically attracts many students who are in the top 5% of their graduating class. The application and all its attachments must be emailed (preferred) or postmarked by March 1, 2023. If you know anyone who might be interesting in applying, please encourage them to obtain further information and applications from their guidance counselor or from:

Leslie L. Corrow, P.E. Kleinschmidt Associates 141 Main Street PO Box 650 Pittsfield, Maine 04967 Phone: 207-416-1243 Email: leslie.corrow@kleinschmidtgroup.com

Call for Technical Presentations

MAINE ASCE CALL FOR TECHNICAL PRESENTATIONS

Have you used an innovative solution to solve a complex problem recently? Have you used innovative technology to help your project be successful? Did you have a project that was just really cool and interesting? If so, MaineASCE invites you to share!

Come share your presentation with the engineering community at the Annual *MaineASCE Technical Seminar* in Spring 2023. We are looking for presentations with innovative technical solutions to help Maine's infrastructure.

The technical seminar is a great way to get your name out to the engineering community. Each year, the conference is attended by 100 or more engineers, planners and town officials.

Please contact Justin Yaitanes jyaitanes@hntb.com to submit your presentation!





Awards Season!

Our Section continues to win national awards because of all our great members! To help say thank you, each year, the Maine Section ASCE recognizes an Engineer of the Year, a Young Engineer of the Year, and a Citizen Engineer. Many of our colleagues often go unrecognized for their contributions, and this is the opportunity to express gratitude for the good work and service to the community that they provide. Please consider submitting a nomination for one or more of the awards this year.

Civil Engineer of the Year – presented annually to an individual who is a P.E. in Maine, has demonstrated noteworthy engineering skills, and commendable contribution of their time to the betterment of society.

Young Civil Engineer of the Year – recognize the professional contributions of younger civil engineers. The recognition is made to an engineer who is an EIT or PE in Maine and is 35 years of age or less on May 1st of the year of the award and has attained professional achievement.

Maine Section Citizen Engineer – This award is to recognize Civil Engineers who are known for volunteering their expertise to help in their community or at a national level. These individuals have contributed significant personal energy to enhance the recognition of civil engineering as a respected profession through their involvement.

Submit your nomination forms and supporting information to the chair of the awards committee chair, Philip Dunn at the following mailing address: University of Maine, School of Engineering Technology, 5711 Boardman Hall, Room 119, Orono, ME 04469-5711 or through email at philip.dunnjr@maine.edu.

Kitty Breskin Project Award -

Maine ASCE has instituted the project award in honor of the late Kitty Breskin, P.E., a Maine Department of Transportation engineer and a past-president of Maine ASCE. The inaugural winner of the Kitty Breskin Project Award, presented at the May 14, 2015 annual meeting, was in fact the MaineDOT's Kitty Breskin-Muscongus Bridge Project. The project was honored for its innovative use of technology and important contribution to infrastructure in Maine.

In order for other projects to be considered for the award they will have to show the same innovation and contribution to the community as the inaugural award. The Maine Section Award committee will review nominations and notify the winner by May 15th. The award presentation will be made and the project will be featured at the Maine Section annual meeting typically held the third week in May. Nominations are to be submitted via mail to the ASCE President and received by 5 p.m on April 30. This year's projects will be submitted to Don LeBlanc, Maine Section ASCE President, 2022-2023. Don LeBlanc don@dlvews.com

The nomination material should provide information on the project and its features. Examples to include would be how the project provided safety improvements, environmental benefits, was cost effective, had a shortened schedule, charitable aspect, unique design for Maine, or was first of its kind in Maine. Every project nomination does not need to have all of these mentioned but should showcase if applicable as they will be weighed heavily. Nominations should be limited to 6 pages total not including pictures (3 pages double sided or 6 single sided pages). Pictures need to be provided on a cd or memory stick and become the property of Maine Section ASCE to display as part of the award process. The project must be substantially built by April 15th of the year being nominated for and the design team and/or the project must be based in Maine.



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ATFC Company

Business Cards

Do you run your own consulting firm, or have a business that the Maine engineering community should know about? Advertise with a business card! Business card listings run for 1 year, including 9 issues of the Informant and full time on the website. Cost: \$150.00 Discounts Available: Purchase a 1-year Business Card ad and receive a \$25 discount on a Job advertisement!

Job Listings

Advertise for new employees at any level – students, EITs, and PEs will all see your ad. Job advertisements are posted in one issue of the Informant, and will run on the website for one month. Cost: Quarter Page (3.75"x5") - \$35 Half Page (7.5"x5") - \$75 for 1 month - \$500 for 1 year (9 issues) Full Page (7.5"x10") - \$150 for 1 month -\$1000 for 1 year (9 issues)

Would you like to advertise in the Informant? Take a look at our rates above, and contact the editor at Informant.ASCEMaine@gmail.com with any questions

The deadline for submissions is the 20th of each month prior to publication.