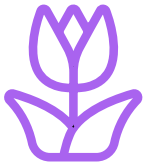


THE

INFORMANT



NEWSLETTER OF THE MAINE SECTION ASCE

April 2026

From the Editor:

April is here!

This issue of The Informant has opportunities to celebrate your peers, network, and earn PDHs. We are excited to be hosting a joint industry minigolf event in Portland this week. The ASCE Award nominations are due by 4/24, please make sure get them in!

The Annual Golf Scramble is filling up fast! We are still looking for sponsorships **and only have 5 team spots left**, please sign up ASAP, or email me to hold your spot.


We hope to see you soon!

Heather

- Page 1 – From the Editor
- Page 1 – Save the Date(s)& Reminders for the Maine Section of ASCE
- Page 2- President’s Message
- Page 3 - The Wicked Data Min-ah
- Page 4 – Industry Mini Golf!
- Page 5-7 ASCE Tech Seminar
- Page 7 – Capstone Judges Needed!
- Page 8 – ASCE Awards
- Page 9 – ASCE Golf Scramble
- Page 10 -12 – Advertisements

MAINE SECTION ASCE – SAVE THE DATE(S)

April 2026

| | | | | | | |
|---|--------------------|----|----|----------------------------------|---------------------------|-------|
| | | | 1 | 2 | 3 | 4 |
|  5 | 6 | 7 | 8 | 9 Minigolf Scramble | 10 | 11 |
| 12 | 13 | 14 | 15 | 16 UMaine Capstone Judging | 17 | 18 |
| 19 | 20 Tech Seminar | 21 | 22 | 23 | 24 ASCE Award Noms Due | 25 |
| 26 | 27 | 28 | 29 | 30 MBTA Transportation on Tap | May 1 | May 2 |

PRESIDENT'S MESSAGE

Hello Maine Section:

Happy Spring! April is already off to a showery start but hopefully that'll clear the way for some great weather in May.

Last month was a little dormant but this month we have two events to look forward to: the ASCE/WTS/AGC/MBTA joint mini golf event at Mini Bar in Portland (page 4) on Thursday April 9 and the Technical Seminar (pages 5-7) on Monday April 20. See the flyers for more information.

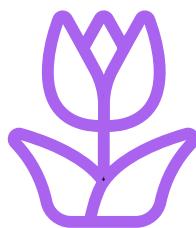
Mark your calendars for the Annual Meeting, we are back at Spring Meadows on Thursday, June 4th. Stay tuned for more information. As usual we will be recognizing those that have excelled within our engineering community and are still looking for nominations for Engineer of the Year, Young Engineer of the Year, Citizen Engineer and the Kitty Breskin Project Award (selected for a project using innovative technology and important contributions to infrastructure in Maine). Nomination information can be found on page 8. Also in June, our annual golf tournament is on Friday, June 19th at Turner Highlands!

Enjoy the Spring and I hope to see you at the Technical Seminar and for a round of mini golf!

Justin Yaitanes, P.E.

Maine Section ASCE President

P.S. If you are interested in joining the ASCE board of directors, or looking to get more involved please let us know, inductions of new office positions are held at our annual meeting!



THE WICKED DATA MIN"AH"

THE WICKED DATA MIN"AH"

#29 FREEZE THAW CYCLES

>20

number of freeze thaw cycles in a single season mostly caused by above freezing during the day and sub-freezing nights.

Source: <https://www.nrc.com/et.edu/>

80%

percent of damage for foundation failures in southern and coastal Maine is caused by freeze thaw cycles.

Source: <https://www.nrc.com/et.edu/>

<12

inches of freeze-thaw depths in Maine. In other states, it can exceed 5 feet, reducing the number of freeze-thaw cycles.

Source: <https://www.nrc.com/et.edu/>

9

percent volume expansion during freezing as water in the soil freezes.

Source: <https://www.nrc.com/et.edu/>

May 5

the official ice out data for Eagle Lake in Square Lake township, a lake consistently with ice until may for the last 20 years.

Source: https://www.maine.gov/dot/transportation/activities/iceout/ice_out_data.shtml

JOINT EVENT MINI GOLF!



[REGISTER HERE](#)

ANNUAL TECHNICAL SEMINAR

ASCE
MAINE SECTION
ANNUAL TECHNICAL SEMINAR
APRIL 20, 2026

Hilton Garden Inn Auburn Riverwatch | 14 Great Falls Plaza | Auburn, ME



REGISTRATION

Click [HERE](#) to register!

PRICING

- Government/Municipal Official (before 4/13): \$135
- Maine ASCE Member (before 4/13): \$155
- Non-Members and Late Registration (after 4/13): \$180
- Students, Retirees, Life Members, and Unemployed Members: \$65

SCHEDULE

- 7:30am - 8:00am | Registration & Breakfast Buffet
- 8:00am - 12:00pm | Speakers
- 12:00pm - 1:00pm | Lunch Buffet
- 1:00pm - 4:00pm | Speakers
- 4:00pm - 5:00pm | Happy Hour with Cash Bar



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SPONSORSHIPS

Sponsorship Amount: \$250

The name of the sponsoring organization will be displayed on a table, and we welcome organizations to bring a free-standing banner to display for the duration of the seminar. Sponsoring companies will also receive one free registration.

Questions?

Email Marco Manfra at mmanfra@reed-reed.com



ASCE
MAINE SECTION

**ANNUAL
TECHNICAL SEMINAR
APRIL 20, 2026**

Hilton Garden Inn Auburn Riverwatch | 14 Great Falls Plaza | Auburn, ME

EVENT PROGRAM

Presenter: Annavitte Rand, P.E., Project Engineer - Thornton Tomasetti

Title: UMaine GEM & Mass Timber Success

Description: The University of Maine's Advanced Structures and Composites lab is expanding with the new GEM building currently under construction. This presentation will explore the structural system of the new building and how it responds to the client's goals, along with best practices for successfully integrating mass timber into a local project.

Presenter: Andrew Jefferson, Project Manager - Helical Drilling Inc. (HDI)

Title: Rigid Inclusions: Critical Design Considerations and Case Study Applications

Description: This presentation reviews how rigid inclusions (RIs) interact with foundations, focusing on load transfer mechanisms, footing shear and bending, overstress mitigation, and touch on key considerations for FEA modeling. It highlights coordination among geotechnical, structural, and RI designers and presents case studies illustrating effective strategies for integrating RIs into foundation systems.

Presenter: Owens McCullough, P.E., Sr. Vice Present - Sebago Technics

Title: Lewiston Auburn Clean Water Authority (LACWA), Design-Build CSO Project

Description: Design-Build Delivery for a 2.1 million-gallon above-ground CSO Storage Facility and Supporting Infrastructure. In 2023, LACWA retained Sebago Technics, Inc, and its Partner (AECOM) to assist in developing a Design-Build RFP for the CSO storage project. Project construction was initiated in the fall of 2024 and is expected to be completed in the summer of 2026.



ASCE
MAINE SECTION

**ANNUAL
TECHNICAL SEMINAR
APRIL 20, 2026**

Hilton Garden Inn Auburn Riverwatch | 14 Great Falls Plaza | Auburn, ME

EVENT PROGRAM

Presenter: Brian M. Twomey, P.E., Sr. Project Manager - Simpson Gumpertz & Heger (SGH)

Title: Maine Medical Center Malone Family Tower

Description: Part of Maine Medical Center's phased campus modernization plan included demolishing an existing parking structure to construct a new patient care building. The Malone Family Tower includes spaces designed for future adaptation and connection with the outdoors. The tower adds ninety-six patient rooms, nineteen operating and procedure rooms, a pre- and post-procedure care area, and a sterile processing department that serves the entire medical center. SGH provided geotechnical and structural engineering services to design a permanent support of excavation system and also provided structural engineering and building enclosure consulting services for the new tower.

Presenter: Rebecca Bentley, P.E., Sr. Project Manager - Tighe & Bond

Title: TBD

Description: Coming Soon!

NEED CAPSTONE JUDGES!

Greetings engineers! UMaine's Civil & Environmental Engineering capstone class is getting ready to present their projects and they need you! The CIE students have been working all semester on design projects around the state. Their online Town Hall judging event is April 16th from 4:30 PM to 8:00 PM. On April 13th, the teams release 20-minute videos presenting their work. On the 16th, each team will be available for 20 minutes to answer questions from you. Each judge will watch three or four videos ahead of time, question those three or four teams, and then fill out and submit a short form with their feedback on each team. Judges work in groups of three to question each group. Civil engineers of all stripes and experience level invited. If you are interested, please email edwin.nagy@maine.edu. If you're not, get one of your colleagues to volunteer.

MAINE ASCE AWARDS

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.

For 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 Justin Yataines, Maine Section ASCE President, 2025-2026. jyaitanes@HNTB.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 sharefile 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.



AMERICAN SOCIETY OF CIVIL ENGINEERS

Nominations will be received until **April 24, 2026**. Please email Heather Hayes, hhayes@vhb.com, for applications!

ASCE GOLF SCRAMBLE

MAINE SECTION ASCE - - 33ND ANNUAL

SCHOLARSHIP GOLF TOURNAMENT

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JUNE 19TH, 2026**

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Job advertisements are posted in one issue of the Informant and on our Facebook page.
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)

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