

THE

INFORMANT

NEWSLETTER OF THE MAINE SECTION ASCE

Summer 2024



From the Editor:

Summer is in full swing and I can't believe that we are already closing out July!

The Maine Section excited to introduce the 2024-2025 Board of Direction to you in this issue of The Informant. This is the team that will be coordinating programs and the events for the year. If you have a presentation or project tour or would like to get involved, reach out!

We had an amazing turnout for the 2024 Golf Tournament in June and raised over \$8000 for scholarships! Thank you to everyone who participated and volunteered. We hope everyone enjoys the rest of their summer!

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 2-5 – Meet the Board!

Page 6 - Congrats Award Winners!

Page 7 – The Wicked Data Min-ah

Page 8 – Report Card Update

Page 8 - Transportation on Tap

Page 9 – YM Disc Golf

Page 10 – TIDC Conference

Page 11 – Masonry Society - Annual Meeting

Page 12 & 13 – Advertisements

Maine Section ASCE - Save the Date(s)

August 2024

				1 Transportation on TAP!	2	3
4	5	6 TIDC CONFERENCE	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

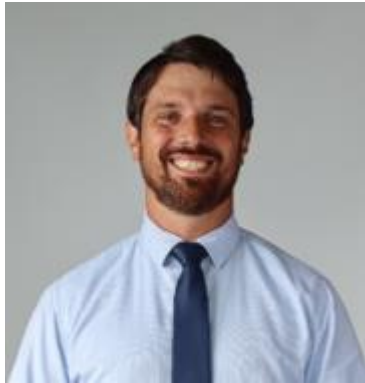


Meet the Board of Direction!



President – Nate Strout, PE

Nate is a 2011 graduate of the University of Maine, where he earned a BS in Civil and Environmental Engineering. Nate joined S. W. Cole Engineering, Inc. in 2008, initially as a seasonal technician while attending the University of Maine. He is currently a senior geotechnical engineer and branch office manager of the firm's Bangor office. Nate's engineering responsibilities include coordination and monitoring of subsurface exploration programs, geotechnical analysis and design, and the preparation of engineering reports and proposals.



President Elect – Justin Yaitanes, PE

Justin spent most of his life in Massachusetts and relocated to Portland, Maine in 2018. He graduated from the University of Massachusetts, Dartmouth in 2005 with a Bachelor's Degree in Civil and Environmental Engineering and the University of Massachusetts, Lowell in 2015 with a Master's Degree in Civil and Environmental Engineering with a concentration in structural engineering. He started his career at MassDOT as a bridge engineer and transitioned to HNTB in 2013. Outside of the office he enjoys the great outdoors and all the great things Maine has to offer with his family. He has been a member of the Boston and now Maine ASCE sections since starting his career and looks forward to becoming more involved.



Treasurer – Lynn Frazier, PE, PTOE

Lynn is a traffic operations engineer who recently moved away from the design desk and began a construction company: Frazier Signal Technologies. She graduated from the University of Maine in 2006 with her BS in Civil and Environmental Engineering. Lynn has 18 years' experience focused in Maine with the majority of her time spent on signal design, construction phasing and operational analysis. This is her 4th year serving as the Treasurer and she is also a Past-President of the Maine Section. Lynn is originally from Medway and currently resides in Enfield with her husband, Charles, and their two children.



Vice President – Ben Shaw, PE

Ben is a project engineer for Gorrill Palmer's municipal group. He joined Gorrill Palmer after graduating from the University of Maine in Orono with a degree in Civil and Environmental Engineering in 2017. He has assisted in the design of many municipal projects including roadway and sidewalk design, pavement management plans, culvert replacement, sewer separations, and wastewater pump stations. Ben was a member of the ASCE through college and has continued attending meetings through his professional career. He looks forward to taking on a larger role on Maine ASCE board and working with the amazing previous and new board members. Ben's favorite place to be outside of work is at his camp on Sebago swimming, boating, and playing with the dogs.



Secretary – Ben Smith, PE

Ben grew up in Old Town, Maine. He graduated from the University of Maine in 2017 with a Bachelor's Degree in Civil and Environmental Engineering. During his time there, he was a member of the concrete canoe team and served as the vice president of the ASCE student chapter. He then continued at UMaine to complete a Master's Degree in Civil and Environmental Engineering with a focus in structural engineering and mechanics in 2019. During this time, he was a research assistant at the Advanced Structures and Composites Center, developing a hybrid thermoplastic composite and concrete deck system. Ben currently lives in Topsham, Maine and is a bridge engineer for the Falmouth branch of T. Y. Lin International.



Director 3 – Thomas Rioux, PE

Thomas Rioux is a structural engineer at VHB. He grew up in Scarborough, Maine, and earned a bachelor's degree in civil engineering from the University of Vermont. As of January 2024, he is a licensed Professional Engineer. Thomas has assisted in numerous state and private projects throughout New England, including construction inspection for the Middlebury Tunnel in Vermont, mapping natural gas systems in Massachusetts, and bridge design for Sugarloaf in Carrabassett Valley. Thomas joined the board in May 2024 and has been a member since December 2022. He is looking forward to planning the Technical Seminar next spring and becoming a valuable part of the Maine ASCE Chapter. In his free time, Thomas enjoys surfing at Higgins Beach, reading on Mackworth Island, and fishing in Casco Bay.



Director 2 – Skyler Wright, EIT

Skyler is a Staff Civil Engineer at the James W. Sewall Company. He graduated with a BS in Civil and Environmental Engineering from the University of Maine in 2022. His project experience thus far includes assisting in road and site design for solar and wind-energy sites, shoreline stabilization along coastal Maine, cost and material estimation for road rehabilitation/reconstruction projects, site inspections, and commercial site design. He looks forward to joining the ASCE as a first-year Director and becoming familiar with the inner-workings of the Chapter. Outside of work, he enjoys finding new local walking trails. Skyler currently resides in Old Town with his wife, Lily, their son, and two dogs.



Past President – Nate Powelson, PE

Nate is a project engineer at Thornton Tomasetti. He graduated with a BS in Civil Engineering from Clarkson University in 2007 and a MS in Civil Engineering with a concentration in Structural Engineering from the University of Hawaii at Manoa in 2010. He has worked on projects throughout the country. His experience includes failure investigation, repair and rehabilitation design, bridge design, property condition assessments, and structural analysis and evaluation. He currently lives in Gorham with his family. He is an active member of Structural Engineers of Maine and ASCE.



Congratulations to the ASCE Award Winners!



Top: Timothy Bryant, PE - 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.

Middle: Drew Gagnon, PE - Young Civil Engineer of the Year – recognizes 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.

Bottom Left: Kitty Breskin Project Award – Pearl Street Reconstruction Project: Sewall Company (Janine Murchison, PE in photo), City of Biddeford, and Shaw Brothers

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-Muscongonus 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.

Bottom Right: Heather Hayes, PE - President's Award for ongoing commitment and help to the Maine Section, and involvement with the monthly newsletter, The Informant.

Don LeBlanc, PE (no photo) 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.





THE WICKED DATA MIN"AH"

#01 "ENLIGHTENING" THE WORLD

65

of lighthouses in Maine across 3,478 miles of coastline. Portland Head Light is the oldest and most famous Maine Lighthouse, commissioned in 1791.

Source: <http://www.visitmaine.com>

1500

feet from the Maine-New Hampshire border is the Whaleback Lighthouse.

Source: <http://www.visitmaine.com>

16

mile light beam that shines from the Owl's Head Lighthouse.

Source: <http://www.visitmaine.com>

133

feet tall. The Boon Island Lighthouse, on Petit Island, is Maine's tallest lighthouse.

Source: <https://www.maineightstoday.com/maine-lighthouse-facts/>

18

miles south of Mount Desert Island where you will find the Mount Desert Rock Lighthouse only viewable by boat.

Source: <http://www.visitmaine.com>



REPORT CARD UPDATE!

Happy summer everyone. Summer means draft reports are due for ASCE report card for Maine's infrastructure. 11 drafts are in. Lead authors are doing a great job as usual. I expect 2 more before the deadline of August 1. At that point we send them off to ASCE in Reston, Virginia, for review and approval. That takes until sometime in October. We plan to have more info in October about a release date likely in December. Levees, Stormwater and Drinking Water need a little more time and we hope to see those drafts in August. If anyone interested in participating, there are opportunities over next month or so. Let me know! Meanwhile send your favorite photo of Maine infrastructure into Heather. If we use it in the Informant or in the report card you will get a prize! Email Peter (pmerfeld@maineturnpike.com) or Heather (hhayes@vhb.com) for more information!

Transportation on Tap!



[REGISTER HERE!](#)

Transportation on Tap - August 1, Bateau Brewing, Gardiner

Please join MBTA Young Professionals on the next stop of their traveling happy hour series, *Transportation on Tap (T2)*. This Thursday, August 1, we will be at [Bateau Brewing](#) in Gardiner. All are welcome to this free event, but please register here: [Transportation on Tap - Gardiner](#). MBTA provides the apps and beverages are on your own. Please note: This event is open not only to "young" people, but also to those who are "young at heart," as YP Chair Patrick Brady likes to say. He says their members like to network with more seasoned professionals, so please register today! Thank you to our sponsors listed below. Sponsorships are still available for this event.

Brewhouse series sponsor



Keg sponsor





MAINE SECTION YOUNGER MEMBERS DISC GOLF



Save the Date!

Come join your friends and colleagues this fall for an afternoon of disc golf and networking! Tentatively scheduled for October 12th, 2024.

Contact Us!

Do you have a favorite disc golf course you would like us to consider?

Do you have any ideas for future ASCE Younger Members events?

Do you have interest in a group rate for a PE exam review course?

E-mail Ben Smith at
benjamin.smith@tylin.com

ASCE YOUNGER MEMBERS



[REGISTER](#)

August 6th – 8th

Wells Conference Center, University of Maine

Tues. Welcome Reception check-in begins 4:00 pm EST, August 6th

Wed. & Thur. Morning check-ins begin at 8:00 am EST, August 7th & 8th



The Masonry Society – ANNUAL MEETING

2024 TMS Annual Meeting

October 16-19, 2024
Portland, Maine



The Masonry Society (TMS) will be holding their Annual meeting in Portland, Maine, this fall!

From October 16th to 19th, masonry experts from all over the United States and Canada will come together at the Portland Regency Hotel to work on writing new standards documents, fine-tune existing standards such as TMS 402/602, and holding educational sessions that provide continuing education units for design professionals.

Registration is now open:

<https://masonrysociety.org/2024-annual-meeting/>.

This is the first time TMS has held a meeting in Maine, and the first time in recent history that they have held a meeting in the New England area. TMS members are excited to explore the Portland area while they are here and we want them to have a good experience. This is also a great opportunity for Maine AEC professionals to engage on a national level with a code-writing organization.

We're looking for corporate sponsorships to help keep the registration cost for attendees down, because travel to/from Portland can get expensive and since the hotel rate is the highest we've had recently.

Are you interested in sponsoring the meetings?

Information on the benefits associated with each sponsorship level is available online here: <https://masonrysociety.org/product/meeting-sponsorship/>

To learn more about TMS, please visit their website at <https://masonrysociety.org/> The schedule of upcoming meetings is located here, for reference: <https://masonrysociety.org/meetings-list/>.

TMS is currently forming a new committee devoted to developing a new Existing Masonry Standard.

Applications for membership will be accepted through August 1st, 2024.

<https://masonrysociety.org/committees/technical/existing-masonry-standards-committee/>



**Maine,
We're Hiring**

powereng.com/careers

**WENTWORTH
PARTNERS & ASSOCIATES**

*Connecticut • Florida • Maine • Massachusetts
New Hampshire • New York • Rhode Island*

31 Commercial Street
PO Box 2285
Skowhegan, ME 04976
Office: 207-858-8010 wpa-design.com

110 Haverhill Road
Building B, Suite 203
Amesbury, MA 01913
Office: 978-792-5945

Inspection of a culvert system at Newbury

**Valued Earth Work Solutions
& Value Engineered Water Solutions**

- Culvert Rehabilitation projects
- Snap-Tite, CMP, Large Diameter HDPE
- Inflow & Infiltration Solutions (Cretex)
- Pro-Ring, Pipe/MH & Frame Seals
- Low Density Cellular Concrete used for geotechnical & pipe fill applications

DLVEWS CONTACT: Don LeBlanc, P.E.
207-992-3080
don@dlvews.com

Installation of low density cellular concrete in a state building courtyard in Connecticut

ACADIA CIVIL WORKS
ENGINEERING DESIGN & CONSULTATION

Providing Civil Engineering Design and Consultation services throughout Maine with a focus on **Water Resources and Civil Infrastructure.**

207.212.9350
acadiacivilworks.com
jmclean@acadiacivilworks.com

**GORRILL
PALMER**

Relationships. Responsiveness. Results.

207.772.2515 office
www.gorrillpalmer.com

300 Southborough Drive, Suite 200
South Portland, ME 04106

**R.W. Gillespie
& Associates**

- Geotechnical Engineering
- Environmental Consulting
- Materials Testing Services

Biddeford, Maine 207-286-8008
Newington, New Hampshire 603-427-0244
Mansfield, Mass. 508-623-0101
www.rwgillespie.com




SUMMIT
GEOENGINEERING SERVICES
Geotechnical Engineering & Explorations
PO Box 515, Gardiner, ME 04345
www.summitgeoen.com

**PROUD MAINE
ASCE SPONSOR**



**INTEGRATED
OUTCOMES**
LFOD INTEGRATION SERVICES
WWW.LFOD.IO



Est. 1974
MAIN-LAND
DEVELOPMENT CONSULTANTS, INC.
Engineers, Surveyors, Scientists

Professional Land Surveying • Professional Engineering • Certified Soils Science
Wetlands Delineation • Geotechnical Engineering • Hydrogeology • Forestry

69 Main St, PO Box Q, Livermore Falls (207) 897-6752
www.main-landdci.com
367 US 1, North Building #7 1st Floor, Falmouth mainldc@main-landdci.com
Fax (207) 897-5404




Sewal
The evolution of expertise
A **TFIC** Company



30 Park Drive
Topsham, Maine 04086
207.729.1199

2211 Congress Street, Suite 380
Portland, Maine 04102
207.883.3355

**Design with
community in mind**
stantec.com



SME
SEVEE & MAHER
ENGINEERS
TRUSTED EXPERTS SINCE 1985


4 Blanchard Road
P.O. Box 85A
Cumberland, ME 04021

T: 207.829.5016
info@sme-engineers.com

*Multidisciplinary
consulting engineering services*

ENVIRONMENTAL • CIVIL • GEOTECHNICAL • WATER • COMPLIANCE

sme-engineers.com



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!

Advertise for new employees at any level – students, EITs, and PEs will all see your ad.

Job Listings

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.