

THE

INFORMANT

NEWSLETTER OF THE MAINE SECTION ASCE

October 2019



From the Editor:

"The single biggest problem in communication is the illusion that it has already taken place." – George Bernard Shaw

The Maine Section ASCE newsletter, The Informant, is a great way for our section to communicate upcoming PDH opportunities, networking events, and member news. We use the Maine Section ASCE Facebook page to send out reminders for specific events closer to the date and now for job advertisements! October is gearing up to be a busy month with the section meeting, engineering job fair at UMaine, and Halloween. Read further in this issue to get more information!

If you have ideas, suggestions, questions, etc. please feel free to contact us at Informant@maineASCE.com.

I hope to see you soon!

Heather

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Maine Section ASCE - Save the Date(s)

October 2019

October 2019						
		1	2	3	4	5
6	7	8 WTS Trail Walk	9	10	11	12
13	14	15 Mock Interviews	16 UMaine Engineering Job Fair	17 Monthly Meeting	18	19
20	21	22	23	24 ACEC Fall Forum	25 ACEC Fall Forum	26
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President's Message

The weather is getting cooler and the leaves are changing color. It is a great time of year, it also a good time to get involved in ASCE. The Younger Member group is looking for some new faces to help lead the way and have some fun activities. We are working on next year's golf tournament planning. Anyone interested in volunteering to help plan this annual scholarship event is welcome to come to the Board meeting or contact the Golf Tournament Chair Derek Allan.

This fall there are ongoing discussions with the Maine Board of Professional Engineers on decoupling the Professional Engineering exam and the experience requirements for licensure. An initial meeting occurred on September 19. ASCE's position is that the exam should occur after the experience requirement has been met. I attended the meeting along with Michael St. Pierre, our Legislative Affairs Committee Chair. Representatives from ACEC and SEAM were there expressing a similar stance on decoupling.

We are also starting to work on the next release of the Maine Section ASCE Report Card. Please contact Peter Merfeld at MTA to volunteer for this important project.

John Kuchinski, PE
Maine Section President





Maine Section ASCE Meeting

Cone Penetration Testing – A Tool for Contending with the Challenging Presumpscot Clay

Presented by: Mat Hardison, PE – Summit Geoengineering Services

Location: Davinci's Eatery
150 Mill Street
Lewiston, ME

Date: October 17, 2019

Schedule:

4:30 - 5:30 ASCE Board Meeting
5:00 - 6:00 Registration, Social Hour
6:00 - 7:00 Dinner
7:00 - 8:00 Presentation

Earn 1 PDH!



The cone penetration test (CPT) is a geotechnical investigation technique which has been used to supplement or replace traditional geotechnical boring explorations to obtain a continuous profile of the subsurface and develop in-situ soil properties with empirical correlations. In Maine, geotechnical engineers face many challenges when new construction is built on top of (or cut in to) the soft Presumpscot Clay. This presentation discusses the advantages and limitations of the CPT in soft ground conditions, particularly Presumpscot Clay, for evaluations of settlement predictions, preload designs, bearing capacity analyses, and seismic site classification. Multiple case studies will be discussed where the CPT played a vital role in the success of the project.

Price:

___ \$35 ASCE Members before RSVP (October 10th)
___ \$45 Non Members and Members after RSVP
___ \$25 Government Employees
___ \$10 Students
___ \$0 Life Members

RSVP By October 10th!

Now Accepting Credit Card Payments!

Make checks payable to: **Maine Section ASCE**
We reserve the right to invoice no-shows.

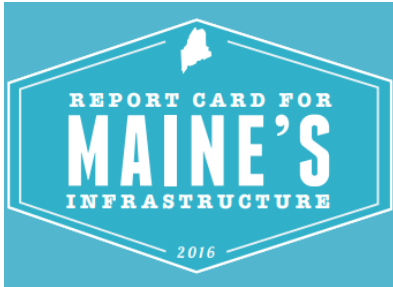
Name: _____
Organization: _____

Life Member: ____ Yes ____ No

To Register or for more information, contact **Mat Hardison** (ASCE Maine Section Vice President)
Email: mhardison@summitgeoeng.com



2020 Report Card!



2020 Report Card for Maine's Infrastructure

We are seeking interest in participating in the Report Card Committee for 2020. Members will volunteer or be assigned to one or more infrastructure areas for research, writing and grade assignment. We have had great participation in the past, and expect again but always looking for new insights and expertise. I expect the kick off with ASCE to occur in January with final drafts due no later than August 5th and an unveiling in late fall 2020. Check out the latest report

card at <https://www.infrastructurereportcard.org/state-item/maine/>

If interested, please contact me before December 6, 2019. Email works best at pmerfeld@maineturnpike.com or call 207-485-2036.

Student Chapter Update

P3: Practitioner Presentations & Pizza

We would like to thank our speakers for coming to speak at our meetings this month!

- September 18: Dr. Jason Bolton from UMaine's School of Food and Agriculture spoke on his research in the areas of food processing and brewing sciences and teaches courses on commercial brewing and food safety

These presentations are a great way for our student members looking for summer internships and full-time positions to network and relate course content to the broader profession. Please contact Alden Burns (alden.burns@maine.edu) to inquire about getting on the schedule.

Social Events

Each month we like to schedule social events to hang out and network with our professors and fellow civil engineering students. One of these events, CIE 1000, is an evening of pizza and beverages for all with our professors and other classmates. We held the first CIE 1000 of the semester at Pats Pizza on September 21. The week before, on September 13, we held a kickoff BBQ outside of Boardman Hall. At the BBQ, we met new faces and even played a game of kickball on the Mall using pizza boxes from our weekly meetings as bases!



We at UMaine ASCE thank you so much for your support!

Erin Brewer
UMaine ASCE President



WOMEN'S TRANSPORTATION SEMINAR INTERNATIONAL – MAINE CHAPTER MEETING

Thursday, November 7, 2019

SAVE THE DATE A Conversation With The Honorable Jane F. Garvey

**Former FAA Administrator and
Former FHWA Acting Administrator and Deputy Administrator,
Currently North America Chairman of Meridiam Infrastructure and
Chairman of United Airlines Board of Directors**

**Please join
WTS-Maine Chapter for breakfast and
an engaging conversation with
Jane Garvey!**



The Honorable Jane F. Garvey, North America Chairman of Meridiam Infrastructure, has spent a distinguished career in the public arena, leading some of the nation's most complicated and complex transportation initiatives. Since May 2018, she has also served as Chairman of United Airlines Board of Directors.

Prior to her current roles, Ms. Garvey led the U.S. Public/Private Partnerships advisory group at JP Morgan, where she advised states on financing strategies to facilitate much-needed project delivery for state governments.

During her career in public service, Ms. Garvey served as the 14th Administrator of the Federal Aviation Administration (FAA) from August 1997 to August 2002; she was the first woman Administrator and the first Administrator to serve a full five-year term. As Administrator of the FAA, Ms. Garvey guided the agency through many safety and modernization milestones. She pioneered the FAA through Y2K preparation and implementation. She led the agency through the extraordinarily formidable events of September 11, 2001 with compassion and assurance of mission.

Ms. Garvey is recognized for her breadth of experience at all levels of government. She served as Acting Administrator and Deputy Administrator of the Federal Highway Administration (FHWA). Among her accomplishments at FHWA, she conceived and developed the Innovative Financing Initiative —properly named GARVEE bonds, enabling states to use federal highway funds more effectively. Before leading the FHWA, she was director of Boston's Logan International Airport. From 1988 to 1991, she was Commissioner of the Massachusetts Department of Public Works.

Ms. Garvey has received numerous awards of distinction and recognition for her leadership and public service, and is recognized for her deliberate collaboration and ability to bring all stakeholders together.

BREAKFAST MEETING

Thursday, November 7, 2019

**7:30 - 8:30 am Registration
& Breakfast**

8:30 - 9:30 am Presentation

9:30 - 10:15 am Networking

**AC Hotel Portland
Downtown/Waterfront, ME
158 Fore Street
Portland, ME 04101**

**Cost: \$35 government/students
\$50 members
\$65 non-members/walk-ins**

**Pay at the Door
Make Checks Payable to:
WTS Maine Chapter**

WTS reserves the right to bill no-shows

**Please RSVP by October 31st by emailing
Meredith Kirkmann at**

Meredith.Kirkmann@maine.edu

**ATTENDEES
ELIGIBLE TO
EARN 1 PDH**



Advancing Women in Transportation
Maine Chapter



Volunteers Needed for Panel Discussion with the UMaine Student Chapter

When: Tuesday, October 15, 2019 from 5PM – 6PM, Resume Review to follow from 6PM – 7PM

Where: Boardman Hall, University of Maine

What: Come meet with Civil Engineering students at the University of Maine and help them prepare for the Engineering Job Fair. ASCE is partnering with WTS to provide this program for students the day before the Engineering Job Fair. Professionals are needed to meet with students to discuss how students can better market themselves to employers. Following the panel discussion, a resume review will be held from 6 to 7PM to go over what employers are looking for, how to market yourself, and to give students the opportunity to ask questions. This is a great opportunity to meet students looking for internships and jobs!

Contact Cece McEachern (cmceachern@vhb.com) for more information if you are interested in helping out.





ACEC of Maine Fall Forum
Moving Maine Forward: Resiliency in the 21st Century

Thursday, October 24, 2018 | 5:30 - 7:30 p.m.

President's Reception & ACEC/PAC Event

DiMillo's on the Water, 25 Long Wharf, Portland

ACEC of Maine President Carolyn Bird invites you to a Reception to begin the ACEC of Maine Fall Forum. Again this year, the President's Reception will also double as a fundraiser for the ACEC/PAC*. Please join us for a relaxing opportunity to connect with your ACEC peers.

Governor Janet Mills has been invited as a guest speaker.

Friday, October 25, 2018 | 8:00 a.m. - 3:00 p.m.

Fall Forum and Engineering Excellence Awards

Clarion Hotel, 1230 Congress Street, Portland

This year, the Fall Forum will feature an informative discussion related to Moving Maine Forward: Resiliency in the 21st Century. We will hear from several State agencies regarding their plans as the Mills administration implements its agenda. In addition, there will be a panel discussion about building resiliency into Maine's infrastructure as we prepare for the future. The Forum will conclude with the presentation of the 2019-20 Engineering Excellence Awards, recognizing the best work of Maine's engineering community. Please join us!

[Register Today!](#)



Call for Presentations!

There is nowhere to hide from the discussions surrounding designing for resiliency and climate change. Do you have an interesting project or technical design specification knowledge base related to resiliency and climate change that you would like to present at the 2020 ASCE Technical Seminar? We would love to hear from you!

Technical Seminar Date: **Thursday, March 19th, 2020.**

Email Heather Hayes (heather.hayes@sewall.com) for more information or to offer a presentation!

Looking for Employment?

Stantec's New England Transportation group has an immediate need for talented, team focused Civil Engineer with experience in specialty areas including roadway/highway design and utility design. This position is for an individual with 5+ years design experience looking to challenge themselves on a variety of transportation projects in the region.



- *Performs more complex engineering design tasks on assigned roadway/highway -related projects under supervision of Project Engineer or Project Manager, including engineering drawings, engineering reports and required applications to regulatory agencies.*
- *Manages the design and construction of projects and provides input.*
- *Involved in the permitting process of projects, which may require meeting with clients, contractors, reviewing agency personnel.*
- *Proficient in relevant design software, which may include AutoCAD Civil3D, Microstation*
- *Bachelor's degree or equivalent in Civil Engineering or related field.*
- *Minimum of 6 years of experience.*
- *EIT certification required; PE highly preferred.*

This description is not a comprehensive listing of activities, duties or responsibilities that may be required of the employee and other duties, responsibilities and activities may be assigned or may be changed at any time with or without notice.

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<https://stantec.jobs/scarborough-me/transportation-engineer/853BC263A8784047B9E700624C3DA621/job/>



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

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)

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



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Heather Hayes	Transportation		
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