

THE

# INFORMANT

NEWSLETTER OF THE MAINE SECTION ASCE

## November 2019



### From the Editor:

“Trade your expectation for appreciation, and the world changes around you.” – Tony Robbins

The month of November brings reflection and thoughts of gratitude with the Thanksgiving holiday. As engineers we are often burdened with deadlines and workload. Take the time leading up to the holiday season to be grateful for something each day and slow down. We hope you will take time to join us at one of the many events this month.

If you have ideas, suggestions, questions, etc. please feel free to contact us at [Informant@maineASCE.com](mailto:Informant@maineASCE.com).


I hope to see you soon!

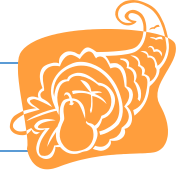
*Heather*

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 – Monthly Meeting
Page 4 – WTS Breakfast Meeting
Page 5 – 2020 Report Card
Page 5 – Get out and VOTE!
Page 5 – ASCE High School Scholarship
Page 6 – Student Chapter Update
Page 7 – Transportation Conference
Page 8 – NH Section Engineer Day
Page 9 – Call for Presentations
Page 9 – Looking for Employment
Page 10 - Advertise with ASCE
Page 10 – Advertisements
Page 11 – Maine ASCE Board & Contact

### Maine Section ASCE - Save the Date(s)

#### November 2019

					1	2
3	4	5 ELECTION DAY!	6	7 WTS Breakfast with Jane Garvey	8	9
10	11	12	13	14	15	16
17	18	19	20	21 Monthly Meeting	22	23
24	25	26	27	28 Thanksgiving  Eat TONS and take a nap.	29	30



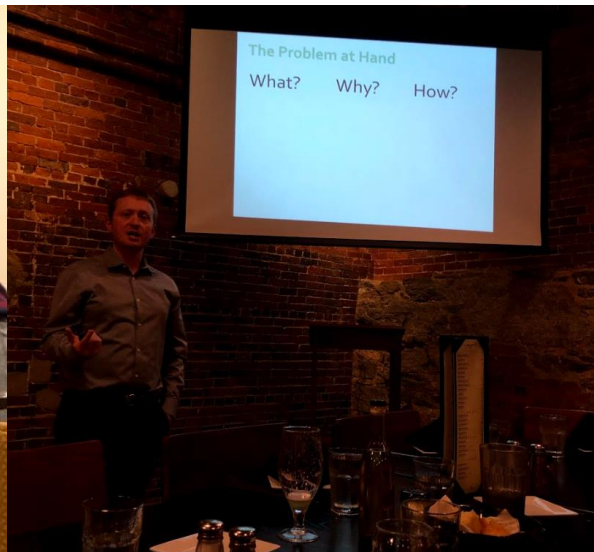
## President's Message

The days are getting shorter and the weather is turning colder. Fall color has come and gone. Daylight savings time ends the first week of November and we are diving into the holiday season. The Maine Section of ASCE is also looking forward to a busy season of meetings and events. Also on the horizon is the new Maine Section ASCE website. This has been a long time coming, but it is finally here. We are putting the finishing touches on the basic website now and will be adding and expanding over time.

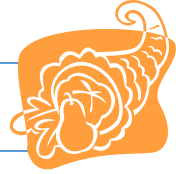
Election Day is November 5. On this year's ballot is Question 1 seeking approval of a transportation infrastructure bond for \$105,000,000 that will also make Maine eligible for Federal matching funds. We all should turn out on Election Day in support of Question 1.

On the topic of Maine's infrastructure is the Maine Section ASCE Report Card. We are gearing up for the next edition of the Report Card to come out in 2020. Peter Merfeld, our Report Card Chair, is already working on getting this great project going. He is still seeking volunteers to assist in this effort.

**John Kuchinski, PE**  
 Maine Section President



**Photo Left:** Maine Section President, John Kuchinski, kicking off the ACEC Fall Forum, **Photo Right:** Maine Section Vice President, Mat Hardison, giving the October Monthly Presentation!



## Maine Section ASCE Meeting

### ***Technical Discussion of the Benefits of Buried Structures in Bridge Construction***

***Presented by: Kevin Giambrone, PE and Benjamin Myers, EI – Contech Engineered Solutions***


**Location:**

Stockhouse Restaurant  
 506 Main Street  
 Westbrook, ME 04092

**Date:**

November 21, 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!**

This presentation will look at industry trends in design and which applications buried structures are best suited. Foundations types and design considerations, typical connection details, accelerate construction techniques, and the use of multi-cell configurations will be discussed. Many local steel, aluminum, and precast projects in Maine and New England will be highlighted.

**Price:**

- \_\_\_ \$35 ASCE Members before RSVP (November 14<sup>th</sup>)
- \_\_\_ \$45 Non Members and Members after RSVP
- \_\_\_ \$25 Government Employees
- \_\_\_ \$10 Students
- \_\_\_ \$0 Life Members

**RSVP By November 14th!**

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We reserve the right to invoice no-shows.

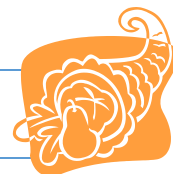
Name: \_\_\_\_\_

Life Member: \_\_\_\_\_ Yes \_\_\_\_\_ No

Organization: \_\_\_\_\_

To Register or for more information, contact **Mat Hardison** (ASCE Maine Section Vice President)

Email: [mhardison@summitgeoeng.com](mailto:mhardison@summitgeoeng.com)



## 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 31<sup>st</sup>** by emailing  
Meredith Kirkmann at

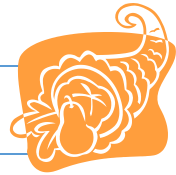
Meredith.Kirkmann@maine.edu

ATTENDEES  
ELIGIBLE TO  
EARN 1 PDH



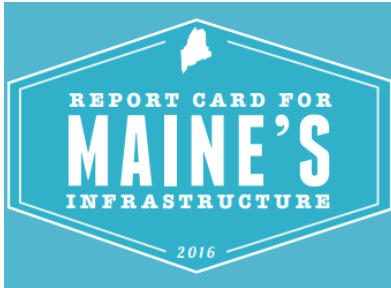
Advancing Women in Transportation  
Maine Chapter





## 2020 Report Card!

### 2020 Report Card for Maine's Infrastructure



We are seeking interest in participating in the Report Card Committee for 2020. **As of October 18 I do not have any volunteers for Passenger Transportation, Wastewater, Contaminated Site Remediation or Solid Waste. Several areas only have one volunteer so far such as Drinking Water & Ports.** Other areas can always use your expertise too. Please join us! Members will volunteer to one or more infrastructure areas for research, writing and grade assignment. I expect the kick off with ASCE to occur in January with final drafts due no later than August 5<sup>th</sup> 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](mailto:pmerfeld@maineturnpike.com) or call 207-485-2036.

## VOTE!

### Transportation Bond on November 5 Ballot

On Tuesday, November 5, Maine voters will be deciding on Question 1, the \$105 million transportation bond. Please see more information, and remind colleagues, family and friends that the transportation bond is on the ballot. For more information or to request an absentee ballot: [www.keepmainemoving.org](http://www.keepmainemoving.org). If the bond doesn't pass, over a hundred million dollars in projects will be put off.

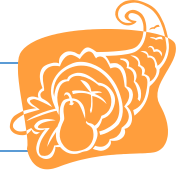
**Please don't forget to vote!**

## 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 postmarked by January 31, 2020. 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](mailto:leslie.corrow@kleinschmidtgroup.com)



## Student Chapter Update

### **P3: Practitioner Presentations & Pizza**

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

- October 2<sup>nd</sup>: Jeff Aceto from SMRT spoke about preparing for the UMaine Engineering Career Fair
- October 9<sup>th</sup>: Curtis Thompson from Sebago Technics spoke about traffic signal designs and operations across the state

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

### **Engineering Career Fair**

This month UMaine held the Engineering Career Fair on October 16. The day before we held a resume review and panel discussion with the help of the Maine Section of ASCE. We'd like to thank these people for providing insight and tips for the career fair:

- Meredith Kirkmann – University of Maine
- Jim Anderson – WSP
- Barbara McKeen – Maine Department of Transportation
- Adam Henckler – Portsmouth Naval Shipyard
- Sonja Robert – Portsmouth Naval Shipyard
- Cecelia Walton – VHB
- Mackenzie Bowe – VHB
- Timothy Aguilar – McFarland Johnson
- Jean Graunke – R.W. Gillespie & Associates

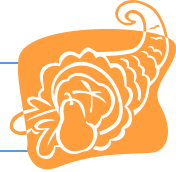
### **Mentorship Program**

This month our Student Chapter kicked off a mentorship program with freshman civil engineering students and upperclassmen. Over 30 freshmen wanted a mentor! We've paired off the upperclassmen with the freshmen and the Civil Engineering Department provided gift cards to a café on campus for each mentor and mentee pair.

### **Social Events**

Each month we like to schedule social events to hang out and network with our professors and fellow civil engineering students. We held a Homecoming version of CIE 1000 with alumni at Buffalo Wild Wings on October 25. CIE 1000 is an evening of food and beverages for all with our professors and other classmates.

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



# TRANSPORTATION FOR THE FUTURE

## 69TH MAINE TRANSPORTATION CONFERENCE

### THURSDAY, DECEMBER 5, 2019

Presented by



Please join us as we gather with regional and national leaders in the transportation field for the 69th Maine Transportation Conference, Thursday, December 5, 2019.

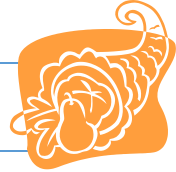
Our keynote speaker will be Allie Kelly, executive director of The Ray, an organization serving as a proving ground for the evolving ideas and technologies that will transform the transportation infrastructure of the future, beginning with the corridor of road that is named in memory of Ray C. Anderson (1934-2011). Anderson was a Georgia entrepreneur who challenged his company and others to pursue innovation and sustainability. The 18-mile stretch of Ray highway on I-85 in west Georgia includes several groundbreaking pilot projects, including solar-powered vehicle charging, a drive-through tire safety check station, a solar-paved highway, right-of-way farming, bioswales, right-of-way solar projects and other sustainable transportation pursuits.

**The Maine Transportation Conference will feature a full day of technical and policy track discussions** examining a range of topics from advances in ITS and funding policies to resiliency and sustainability of road surface materials and the use of "big data" in transportation planning and management. There also will be plenty of opportunities to network, student paper presentations and the popular Bridge Breaking Competition.

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Questions? Please contact the MBTA office: 207-622-0526 or [Cynthia@MBTAonline.org](mailto:Cynthia@MBTAonline.org).

[Register Today!](#)



Wednesday, November 13<sup>th</sup>, 2019 7:15 AM – 3 PM  
Puritan Conference Center 245 Hooksett Rd, Manchester, NH 03104

## 2nd Annual Engineers Day Conference

[Register Now!](#)

Please join ASCE-NH and Shea Concrete Products on **November 13th** for our  
2<sup>nd</sup> Annual Engineers Day Conference!

***All Proceeds go to the ASCE-NH Scholarship Fund.***

Last year the "1<sup>st</sup> Annual" Engineers Day Conference raised \$10,500 for the  
ASCE-NH Scholarship Fund and our goal is to raise **\$20,000 this year**.

**Earn 5 PDH** at this great educational and networking event while also giving back to the next  
generation of engineers.

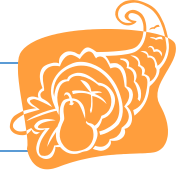
**Break-Out Session Topics:**

- Track #1: Resilient & Innovative Construction Practices
- Track #2: NH-Based Research Driving Progress Throughout the Granite State
- Track #3: Principles of Effective Leadership, High Performance Teams, and Competent Communication

[Register Today!](#)

Please utilize email correspondence with any questions or comments to [newhampshire.asce@gmail.com](mailto:newhampshire.asce@gmail.com) and Cc: [hscott@sheaconcrete.com](mailto:hscott@sheaconcrete.com).





## 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!

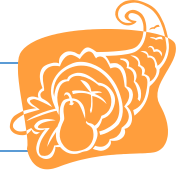
Technical Seminar Date: **Thursday, March 19<sup>th</sup>, 2020.**

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

## Looking for Employment?

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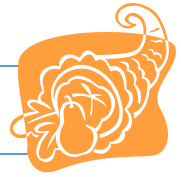




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Would you like to advertise in the Informant? Take a look at our rates below, and contact the editor at [Informant@MaineASCE.com](mailto:Informant@MaineASCE.com) with any questions.

### 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

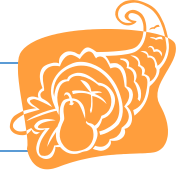
Half Page (7.5"x5") - \$75 for 1 month

- \$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 20<sup>th</sup> of each month prior to publication.**



## MaineASCE Board & Committee Contacts

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Mat Hardison	Vice President	Summit Geoengineering Services, Inc	<a href="mailto:vice-pres@maineasce.com">vice-pres@maineasce.com</a>
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Tom Perkins	Secretary	Dirigo Architectural Engineering	<a href="mailto:secretary@maineasce.com">secretary@maineasce.com</a>
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Mat Hardison	YM Social Chair	Summit Geoengineering Services, Inc	
Heather Hayes	YM Public Outreach Chair	Sewall Company	<a href="mailto:heather.hayes@sewall.com">heather.hayes@sewall.com</a>
<b>Committee Chairs</b>			
Derek Allan	A/E Golf Tournament	Base Design Group	<a href="mailto:DAllan@basedesigngroup.com">DAllan@basedesigngroup.com</a>
Phil Dunn	Awards	University of Maine	<a href="mailto:Philip.Dunnjr@Maine.edu">Philip.Dunnjr@Maine.edu</a>
Esther Bizier	Diversity	Main-Land Development Consultants, Inc.	<a href="mailto:Diversity@maineasce.com">Diversity@maineasce.com</a>
Erik Wiberg	E-Week Organizing Committee	RW Gillespie	<a href="mailto:ewiberg@rwg-a.com">ewiberg@rwg-a.com</a>
Will Haskell	History & Heritage Co-Chair	Gorrill-Palmer	<a href="mailto:WHaskell@gorrillpalmer.com">WHaskell@gorrillpalmer.com</a>
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Peter Merfeld	Infrastructure Report Card	Maine Turnpike Authority	<a href="mailto:pmerfeld@maineturnpike.com">pmerfeld@maineturnpike.com</a>
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Lucas Stiles	Membership		
	Nominating		
Heather Hayes	Program	Sewall Company	<a href="mailto:heather.hayes@sewall.com">heather.hayes@sewall.com</a>
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Mike St. Pierre	Public Relations	S.W. Cole Engineering, Inc.	
Leslie Corrow	Scholarship	Kleinschmidt Associates	<a href="mailto:Leslie.Corrow@KleinschmidtGroup.com">Leslie.Corrow@KleinschmidtGroup.com</a>
Heather Hayes	Technical Seminar		
CeCe Meachern	UMaine Student Advisor/Practitioner		
Eric Landis	UMaine Faculty Advisor	University of Maine	<a href="mailto:landis@maine.edu">landis@maine.edu</a>
Heather Hayes	Transportation		
	Conference		
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