

THE

INFORMANT

NEWSLETTER OF THE MAINE SECTION ASCE

November 2020



From the Editor:

Wow! I am very excited to see the calendar filling up!

There are many things to look forward to this month, all conferences and meetings are virtual, as we work to stay the course and keep everyone safe. We are hosting an outdoor History and Heritage meet up for those interested; there is more information on page 5. It has been 4 years already, and the newest Maine Report Card will be released December 1!

This month of Thanksgiving we can't forget to mention how thankful we are for you, our members. You have adapted to the challenges faced and continued to support us by logging in to meetings and volunteering. Thank you!

We miss you all and hope to see you soon!

Heather

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Maine Section ASCE - Save the Date(s)

November 2020

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17 NH Section Conference	18	19 Virtual Monthly Meeting	20	21 H&H Meetup!
22	23	24	25	26 Thanksgiving!	27	28
29	30	Dec 1 Report Card Release Transportation Conference!	Dec 2	Dec 3	Dec 4	Dec 5



President's Message

With the leaves on the ground and the forecast calling for snow showers, it is safe to say we are wrapping up a beautiful Maine fall and headed towards winter. It is time to rake up the leaves, dust off the shovels and get out the winter toys and gear. The Farmer's Almanac predicts we will have frigid temps and above average amounts of snow. Will they be correct? Only time will tell.

On Thursday, October 22nd, we held our second ever virtual meeting with over 25 participants tuning in! Drew Gagnon and Al Palmer from Gorrill Palmer presented on the Scarborough Downs Large Scale Multi-Use Development project. It was great to see how the roadway network, stormwater infrastructure, and building development have been incorporated together to create a walkable, downtown feel. Thank you to both Drew and Al for presenting! Looking ahead to the month of November we will be hosting another free lunch time meeting on November 19th with a PDH! Kylie Mason from Sebago Technics and her team will be presenting on site development through the lens of a Landscape Architect. Please look for further details and registration information on Page 3.



We are full steam ahead on the 2020 Report Card for Maine's Infrastructure. The 16 infrastructure report chapters and grades are being finalized and we are preparing for our media release event on December 1st at 10am. Our release event will be virtual and live streamed this year, more details will be available as we work out the logistics. Look for further information about the Report Card in this Informant.

We still have our Maine Section ASCE Historic Civil Engineering Landmarks scavenger hunt going on! Grab your friends/family and head out to explore all 18 Maine Civil Engineering Landmarks and make memories that last a lifetime. This is great way to get out of the house, celebrate Maine's Bicentennial, and socially distance. Esther is hosting a meet up at one of the locations so you can check it off the list!

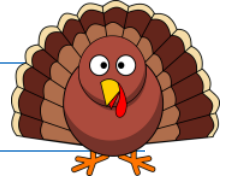
I hope you all enjoy a safe, relaxing, and Happy Thanksgiving this year!

Dan Bouchard, P.E.

Maine Section ASCE President

P.S. BIG shout out & THANK YOU to our Monmouth Theater renovation volunteers!





Maine Section ASCE Virtual Meeting

Site Development through the Lens of a Landscape Architect

Presented by:

Kylie Mason, RLA, LEED-AP

Schedule:

11:00-11:45 AM ASCE Board Meeting
12:00 PM - 1:00 PM Presentation

Date:

November 19, 2020

RSVP By November 17th!
Earn 1 PDH!

Kylie Mason, RLA, LEED-AP, is a Maine licensed landscape architect and Vice President of Project Delivery for Sebago Technics. In this role, she leads an incredible multi-faceted team in delivering complex and integrated site designs for clients all over the northeast.

Recent notable projects include Bowdoin College's Schiller Coastal Studies Center, Margaret Chase Smith – Sanford Elementary Expansion, Sanford High School and Regional Technical Center, the Morse High School project, the Scarborough Public Safety Building, and the L.L. Bean Corporate Campus. A graduate of Michigan State University, Kylie has practiced in Michigan, Alabama, Colorado, and Maine. In 2005, she relocated to Maine and lives with her family in Scarborough, Maine.

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<https://www.sebagotechnics.com/projects/l-l-bean-corporate-campus/>

To register contact **Leanne Langlois** Email: llanglois@dirigoae.com



SAVE THE DATE

DECEMBER 1st 2020!

Maine Section ASCE volunteers and industry experts have been working diligently throughout the summer on 16 draft reports for our 2020 Report Card for Maine's Infrastructure. Every four years, the Maine Section provides a comprehensive assessment which results in the *Report Card on Maine's Infrastructure*. Using publicly available data and consults with industry experts, the Report Card analyzes the current condition and needs to assign a simple A to F letter grade to 16 infrastructure categories. On December 1 at 10 am (location TBD) we will release the grades during a media event. Our intention is to provide a live video feed to share with ASCE members and other interested parties. We will have some invited guests speak on the importance of infrastructure including Dana Connors, CEO of the Maine State Chamber of Commerce. The purpose of the *Report Card* is to raise public awareness of the importance of modern and well-maintained infrastructure. Maine's infrastructure cannot be taken for granted and requires on-going maintenance and continuous planning. We believe discussion of the issues detailed in this Report Card will lead to a greater understanding of the current and future needs of our state, prompting decision makers in our communities, the state legislature, and our congressional delegation to formulate policies and provide the necessary funding to address our infrastructure needs.

Area	2008	2012	2016	2020
Aviation	B-	B	C+	?
Bridges	D+	C-	C-	?
Dams	D+	D+	D+	?
Drinking Water	C	C+	C+	?
Energy	C+	C+	B-	?
Hazardous Waste	D+	C-	C-	?
Levees	-	-	-	?
Parks	B-	C+	C+	?
Ports	C-	C+	B-	?
Rail	C	C	C	?
Roads	D	D	D	?
Schools	C-	C-	C	?
Solid Waste	C	C-	C-	?
Stormwater	-	-	-	?
Transit	C-	C-	D+	?
Wastewater	D+	D+	D+	?
Overall	C-	C-	C-	?

Get the full story on the 2016 Report Card for Maine's Infrastructure www.infrastructurereportcard.org/maine



Maine ASCE History & Heritage Meet Up!

The History and Heritage Scavenger Hunt is in full swing, but to encourage some safe, socially distanced outdoor interaction, we're trying something new...a History & Heritage Meet Up! Even if you aren't participating in the scavenger hunt, this is a great opportunity to get outside with fellow ASCE members to learn a little Maine history. Family and friends are welcome to attend. Please wear a mask!

Where: Songo Lock at Sebago Lake State Park. Meet in the parking lot beside Songo Lock

When: Saturday, November 21 at 10AM

Maine ASCE will provide hot beverages and snacks for all who attend! Following snacks and a brief history lesson, anyone is welcome to join ASCE on a walk around the hiking trails at Sebago Lake State Park. Please RSVP to Esther Bizier (esther@main-landdci.com or 207-931-8484) so we have an idea on the number of people attending and so we can contact you in case we need to postpone due to weather conditions.



Team "Keeping it Civil" got creative with photos in the 2016 Scavenger Hunt



ALL ABOARD!

MBTA Virtual Auction & Scholarship Meeting






Thursday, November 19, 2020 @ 3 p.m.



Ahoy, mateys!

Since we can't cruise together on the Maine coast, we're inviting you to cruise with us virtually for the first-ever MBTA Virtual Auction & Scholarship Meeting, Thursday, November 19 at 3 p.m.

Our cruise director has put together a great program for the afternoon:

-  You'll get an update on industry developments from MBTA President Irv Smith.
-  You'll meet our newest scholarship recipients.
-  We'll be giving out salty door prizes throughout the meeting.
-  Of course, you'll get to bid on great silent and live auction items, and proceeds go to keep the MBTA Infrastructure Fund ship-shape.
-  Plus, we will draw for winners of the MBTA Super Raffle at the meeting. One lucky matey will win \$7,000! Proceeds go to MBTA Scholarships.

REGISTER NOW, AND GET YOUR FRIENDS AND CO-WORKERS TO REGISTER, AS WELL! (DEADLINE IS NOVEMBER 9.)

IT'S FREE! AND EVERYONE WHO REGISTERS CAN BID!

DON'T FORGET TO BUY YOUR SUPER RAFFLE TICKET! ONLY 500 TICKETS WILL BE SOLD! GO TO www.mbtaonline.org AND CLICK ON "EVENTS."





Maine Section November 2020 Newsletter



3rd Annual Engineers Day Conference

November 17-19, 2020

Presented by ASCE-NH & Shea Concrete Products



Virtual Offering Via ZOOM Pro

We welcome you to participate and support the "3rd Annual Engineers Day Conference"! We are excited to offer a unique educational experience with the New England Engineering Community. This "virtual" conference offers the opportunity to earn 6-PDH's and all conference proceeds go to the ASCE-NH Scholarship Fund. ASCE-NH was able to offer \$20,000 in scholarship opportunities during the 2019/20 Program Year thanks to your support and commitment! Our goal is to match or exceed that during the 2020/21 Program Year and this events success is crucial in achieving that goal.

We will be offering two (2) presentations per day from 11/17-19/2020 as "Breakfast" (9-10am) & "Lunch" (12-1pm) opportunities. Each presentation offers a 1-PDH Certificate to all attendees.

- Sponsorship Opportunities: **Please note all sponsorship support is tax-deductible!**

"2021" Sponsorships are being offered at \$221 (priced for the 2021 scholarship award year) and include: (Unlimited Opportunities)

- Logo acknowledgement in all conference marketing (including the November 2020 Monthly Newsletter) & email blast initiatives
- Logo acknowledgement during each conference presentation (x6)
- Logo acknowledgement in the ASCE-NH December 2020 Monthly Newsletter



Exhibitor Sponsorships are being offered at \$500 and include: (Unlimited Opportunities)

- Logo acknowledgement in all conference marketing (including the November 2020 Monthly Newsletter) & email blast initiatives
- Logo acknowledgement during each conference presentation (x6)
- 1/2-Page Marketing Opportunity in the ASCE-NH December 2020 Monthly Newsletter
- One (1) full conference registration





3rd Annual Engineers Day Conference

November 17-19, 2020

Presented by ASCE-NH & Shea Concrete Products



Presentation Sponsorships are being offered at \$750 and include: (4 Available Opportunities)

- Logo acknowledgement in all conference marketing (including the November 2020 Monthly Newsletter) & email blast initiatives
- Logo acknowledgement during each conference presentation (x6)
- Full-Slide (each sponsor to design their own PowerPoint Slide to be shown during their specific sponsored technical presentation) acknowledgement during their specific sponsored technical presentation
- 1-Page Marketing Opportunity in the ASCE-NH December 2020 Monthly Newsletter
- One (1) full conference registration



Conference Sponsorship is being offered at \$1,000 and includes: (Filled!)

- Logo acknowledgement in all conference marketing (including the November 2020 Monthly Newsletter) & email blast initiatives
- Logo acknowledgement during each conference presentation (x6)
- Full-Slide (each sponsor to design their own PowerPoint Slide to be shown during each of the 6 technical presentations) acknowledgement during each conference presentation (x6)
- 2-Page Marketing Opportunity in the ASCE-NH December 2020 Monthly Newsletter
- One (1) full conference registration





Student Chapter Update

From P3 to P2: Practitioner Presentations, but no Pizza

We would like to thank the speakers who presented virtually in the month of October.

- Ellen O'Brien and Nicole Buck from North Star Hydro spoke about hydraulic modeling methods around bridges on September 30th.
- Jeff Aceto from SMRT recorded a presentation on preparing for the virtual job fair, which we showed during the October 14th meeting.
- Tim Cote from HNTB spoke on October 28th about the Veranda Street bridge replacement project on 295 in Portland.

Attend a Virtual Meeting!

Alumni and Maine Section members are always welcome at our zoom meetings. We still hold them on Wednesday at noon weekly, and the link is always the same.

<https://maine.zoom.us/j/96631134341?pwd=dUdSY3hlakF2SXUvaC8xK1VzL0xndz09>

Password: ASCE

Ferland Engineering Education and Design Center Site Tour

On October 5th, Dean Dana Humphrey gave several ASCE members a socially distant tour of the site of the Ferland Engineering Education and Design Center. When our members visited, the foundation was being constructed! According to Dean Dana, the steel frame will be put up over the winter.



Resume Review

Thank you to the members who participated in the virtual resume review that occurred this month ahead of the UMaine engineering job fair! The feedback you gave was crucial for students preparing for the fair.

Sincerely,

Maeve Shea

Student Chapter President




Unexpected DETOURS
Smooth sailing through rocky waters
Maine Transportation Conference | December 1-3, 2020

PRESENTED BY





Please join us as we gather with regional and national leaders in the transportation field for *Unexpected Detours: Smooth sailing through rocky waters* – the 70th Maine Transportation Conference – December 1-3, 2020.

Scholarship Opportunity

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, 2021. 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:

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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.



MaineASCE Board & Committee Contacts

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Phil Dunn	Diversity	Main-Land Development Consultants, Inc.	
Esther Bizier			
Lauren Swett	E-Week Organizing Committee	Woodard & Curran	Lswett@woodardcurran.com
Will Haskell	History & Heritage Co-Chair	Gorrill-Palmer	WHaskell@gorrillpalmer.com
Heather Hayes	Informant Chair	Sewall Company	Informant.ASCEmaine@gmail.com
Peter Merfeld	Infrastructure Report Card	Maine Turnpike Authority	pmerfeld@maineturnpike.com
Mike St. Pierre	Legislative Affairs	S.W. Cole Engineering, Inc.	
Tim Merritt	Life Member Activities	Stantec Consulting Services	tim.merritt@stantec.com
John Kuchinski	Membership		
	Nominating		
Don LeBlanc	Program		
	School Age Outreach		
Mike St. Pierre	Public Relations	S.W. Cole Engineering, Inc.	
Leslie Corrow	Scholarship	Kleinschmidt Associates	Leslie.Corrow@KleinschmidtGroup.com
Heather Hayes	Technical Seminar		
CeCe Mceachern	UMaine Student Advisor/Practitioner		
	UMaine Faculty		
Eric Landis	Advisor	University of Maine	landis@maine.edu
Heather Hayes	Transportation Conference		