

INFORMANT

NEWSLETTER OF THE MAINE SECTION ASCE

October 2020



From the Editor:

Happy October!

We hope you have been able to get outside and enjoy the beautiful fall weather by visiting your local apple orchard or taking a hike.

The September Monthly Meeting was a virtual success and we are looking forward to this month's presentation by Gorrill Palmer.

This issue has some great content, including volunteer, scholarship, and employment opportunities. We hope you read through and enjoy!

We miss you all and hope to see you soon!

Heather



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Maine Section ASCE - Save the Date(s)

October 2020

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11	12 Resume Reviews	13	14	15	16	17
18	19	20	21 UMaine Virtual Career Fair	22 ASCE Virtual Meeting	23	24
25	26	27	28	29	30	31 



President's Message

The weather is starting to get colder and the leaves are starting to change color. In my opinion, this is the best time of the year!

On Saturday, September 19th, a group of nine volunteers gathered at the Theater at Monmouth for an ASCE Service Day. Throughout the day we insulated walls of a stair tower, scraped and painted trim, and fixed cracks in plaster walls. The Theater was extremely grateful for the help. Thank you to everyone who showed up to volunteer!

On Thursday, September 24th, we held our first ever virtual meeting! The meeting was very successful with over 40 participants tuning in. Will Varrell from WSP and Ellen O'Brien from NorthStar Hydro presented on the MaineDOT Hampden I-95 Bridge Replacement Design-Build Project. Thank you to both Will and Ellen for presenting!

Looking forward to the month of October, we have a couple of events planned. Our ASCE Infrastructure Report Card team is going to be trained on Government Relations and Public Relations ahead of our 2020 Infrastructure Report Card release. We will also be hosting our second virtual meeting on October 22nd with a presentation on the Scarborough Downs Large Scale Multi Use Development by Gorrill Palmer. Registration details are on page 3.



We also 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.

The Maine Section Board has been made aware of Life Member eligibility and membership due changes at the National Level. All current Life Members should have received an email on August 28th. If you have not received the email or have further questions/concerns, please feel free to reach out. The Maine Section Board has reviewed the changes and is in the process of drafting a letter to the ASCE National Board of Directors with our disagreement to the changes.

Lastly we are looking to fill our History and Heritage Chair position. If you have an interest in or know someone who has an interest in Maine Civil Engineering History and Heritage, please get in contact with a board member.

Hope you are stay safe and healthy.

Dan Bouchard, P.E.

Maine Section ASCE President



Maine Section ASCE Virtual Meeting

Scarborough Downs Large Scale Multi-Use Development



The Downs - Scarborough, Maine

Photo from: <https://gorrillpalmer.com/projects/land-development/>

Presented by:

Drew Gagnon & Al Palmer Gorrill Palmer

Schedule:

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

Date:

October 22, 2020

RSVP By October 20th!
Earn 1 PDH!

Drew Gagnon – Drew Gagnon is a Project Engineer at Gorrill Palmer with over 5 years of experience in Land Development. Drew leads a team of Engineers on a variety of projects including site selection, feasibility evaluations, and civil and site design and permitting for a wide variety of projects including institutional, retail, office, hospitality and residential developments. He works with the State's most rigorous guidelines set forth by the Maine Department of Environmental Protection as well as various municipalities from concept design to construction oversight and administration. Drew is a licensed Professional Engineer in Maine and has a degree in Civil Engineering from the University of Maine.

Al Palmer - As President and Principal of Gorrill Palmer, Al Palmer is responsible for providing overall vision and executive leadership to the company. Al co-founded Gorrill Palmer with Tom Gorrill in 1998. A Professional Engineer, he brings over thirty years of site and roadway design experience, working in both the public and private sector throughout New England and the Mid-Atlantic Area. His expertise includes site selection, feasibility evaluation, civil and site design and permitting for a wide variety of land development projects. He has had senior responsibility for all phases of projects from the conceptual design phase through contract administration and inspection during construction.

Al is a past Chairperson of the Planning Board in the Town of Gray, Maine having served on the Board for seven years, a former School Board Member for MSAD #15, and past Board Member of Central Maine Adaptive Sports. Al has a degree in Civil Engineering from the University of Connecticut at Storrs.

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



Volunteers Needed for Resume Review & Mock Interview

When: Resume review will run between October 12-16
Mock Interviews will run 12:00-1:00pm and 5:00-7:00pm October 14-16, 19, and 20

Where: Online via zoom

What: Resume reviewers and mock interviewers to help UMaine students get ready for the Engineering Job Fair! Students will be signing up for interviews by October 9, we're asking interviewers to sign up for slots students have taken on October 12 and 13. After all slots have been filled we will send out meeting invites to all the pairs.

Sign-Up: Sign up to be a resume reviewer and/or mock interviewer by emailing either:
Andrew Manzi (andrew.manzi@maine.gov) or Cece Walton (cwalton@vhb.com)

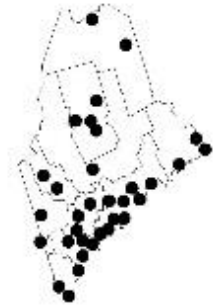


"I think I'm most interested in hearing about the part of your resume titled 'Stuff I Totally Rocked.'"



Maine ASCE History & Heritage Scavenger Hunt!

Greetings Maine ASCE! It's been a long few months as we all learn to adjust to a pandemic world and while we still can't gather in our usual way for our monthly section meetings, we wanted a fun way to encourage our members to get out and explore in small groups or with family members. It seemed like the perfect time to revisit the Maine ASCE Historic Landmark Scavenger Hunt! This event had a great turnout several years ago when we introduced it and since everyone is looking for safe ways to get out of the house, what better way by making the trip to one or several Historic Civil Engineering Landmarks? As always, the scavenger hunt is open to all Maine ASCE members as well as family and friends.



Goals:

- Share our love for Civil Engineering
- Take photos of our landmarks to share on social media and our Section website (yes, it's up and running!)
- Create a little friendly-competition within the Maine section, while having FUN!
- Visit places we may have never thought to visit or have not had time to visit before
- Help out ASCE in their Historic Civil Engineering Landmark Inventory Project (details of how you can help will be sent to each team that registers)

"Rules"

- Create a team of 2-6 Members. At least 1 member on each team must be a member of the Maine ASCE Section. Looking to join a team, but can't entice any friends? Not a problem, we are happy to set one up for you. Contact Esther Bizier (esther@main-landdci.com) today!
- Pick a fun and creative team name!
- Visit as many of the selected Maine ASCE Historic Civil Engineering Landmarks from the list on the next page as possible, from now through the 2021 Maine Section Annual Meeting.
- Take a photo at each location you visit of the landmark and the ASCE Historic Landmark plaque. At least one team-member MUST be in the photograph you submit. If you do not wish to have your photo shared on our website or social media pages, please put a disclaimer in the e-mail. E-mail photographs to Esther with "ASCE Scavenger Hunt" in the subject line. Please also note the location, date and team members who visited the site. Feel free to submit multiple photographs of each location that you are willing to share. Upload your photos to your own Facebook page or Instagram account with the hashtag #maineasce or #maineascehistoryandheritage

Judging:

- Prizes will be awarded at the completion of the event.
- Things to keep in mind – Creative team name, widest age spread on Life Member – Younger Member Team, Number of landmarks you were able to visit, Creativity of photographs taken, Artistic ability of photographs taken, and more!



Historic Civil Engineering Landmark Sites to Visit!

- Acadia Carriage Roads**
- Androscoggin Swinging Bridge**
- Bailey Island Bridge**
- Bangor International Airport**
- Cumberland & Oxford Canal**
- Dragon Cement Plant & Quarry**
- Hemlock Bridge**
- Maine Turnpike**
- Poland Spring Bottling Plant & Spring House**
- Portland Head Light**
- Portland Observatory**
- Robyville Bridge**
- Sewall's Bridge**
- Songo Lock**
- Thomas Hill Standpipe**
- Waldo-Hancock Suspension Bridge**
- Watson Settlement Bridge**
- Wire Bridge**






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."





Student Chapter Update

From P3 to P2: Practitioner Presentations, but no Pizza

Like so many across the country right now, UMaine's ASCE student chapter has adapted to the unprecedented times we're currently living in. In order to keep everyone safe, we have transitioned to fully online meetings that occur over Zoom. Without the pizza to bring members in, it's definitely been harder to keep attendance up, but we've had two successful meetings so far!

- On September 16th, Captain David Harvey and Commander Ryan Clapp from the Indian Health Service spoke about their experiences as commissioned officers of the U.S. Public Health Service. In particular, they shared the work they've done since the beginning of COVID-19 to improve access to water on the Navajo Reservation. They have installed several pumps, collected massive amounts of data, and supplied tens of thousands of containers and chlorine tablets for residents to store their water in.
 - A video recording of their talk can be found at this link https://video.maine.edu/media/UMaine+ASCE+9+16+20+Meeting+IHS/1_4gkr5zil
- On September 23rd, Paul Giroux (Dist.M.ASCE) from Kiewit gave a presentation on the construction of Hoover Dam. Paul was happy to finally get to present to UMaine, as a large portion of his talk focuses on Frank Crowe, a 1905 UMaine civil engineering graduate! Although we could not record Paul's talk, we hope to have him back to speak in the future on another one of the great civil engineering landmarks.

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

Upcoming speakers include Ellen O'Brien (North Star Hydro) on September 30th, Tim Cote (HNTB) on October 7th, and Paul Godfrey (HNTB) on November 4th!

Call for Virtual Site Tours

This semester, we want to try having "virtual site tours"! This idea was brought up at a recent virtual WSCL. Our first attempt will be to visit the site of the new Ferland Engineering and Design Center, and we will be looking for more sites to "visit" in the future.

If your company is working on an exciting job site and you'd like to take a video and explain a little bit about what's happening, we would love to show it at a special site tour meeting! It would probably be easiest to have the actual "tour" be asynchronous (so just a video), either with synchronous commentary (so you'd come onto a meeting and talk about it) or asynchronous commentary (you'd talk about it during the recorded video). If you are interested, please reach out to Vice President Alden Burns at alden.burns@maine.edu.

New Goals for a Time of Change

These past few months have only amplified issues that have been present in our country for a long time--socioeconomic inequality, racial injustice, oppression of indigenous peoples, and the destruction of the environment, to name a few. Lately, I have often found myself asking: what can I, as a student leader and future civil engineer, do about what's happening right now?



For now, my goal is to learn and ask questions on the intersections of civil engineering and structures of oppression. What is environmental racism? What infrastructure inequalities exist within the U.S.? Who is bearing the brunt of climate change? Why are people of color, LGBTQ folks, and women still rare in civil engineering, especially in Maine? This semester and beyond, I hope for our student chapter to collaborate with groups like the Society of Women Engineers and the National Society of Black Engineers, along with the Maine Section, to dive deeper into these topics. If you are interested in discussing these topics, either privately or with the student chapter, please don't hesitate to contact me.

Sincerely,

Maeve Shea

Student Chapter President

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:

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



Looking for Employment?



Stantec's New England Transportation group has an immediate need for a talented, team focused Senior Transportation Engineer with a minimum of 10 years of experience in roadway/highway design and pedestrian/bicycle facility design. The position is located in our Portland, Maine office. This position is for an individual with 10+ years design experience looking to challenge themselves on a variety of transportation projects in the region.

- Design roadways in accordance with AASHTO, MaineDOT and Maine Turnpike specifications and CADD Standards using Microstation and InRoads.
- Develop and oversee design plans and calculations, technical specifications, and construction cost estimates.
- Prepare engineering reports and technical studies such as design memos, feasibility studies, and concept design reports.
- Collaborate with other disciplines such as structural and environmental services.
- Interact with and present project designs to clients, agencies, and the public.
- Maine PE or ability to obtain within six months

Position will primarily work in an office setting; may require some field work.

Stantec is a place where the best and brightest come to build on each other's talents, do exciting work, and make an impact on the world around us. Join us and redefine your personal best.

Interested applicants can apply online: [Stantec - Civil Engineer Position](#)

Sewall, a dynamic engineering/survey/GIS/natural resources consulting company, offers flexible work hours with headquarters located close to the University of Maine, mountains, coast, and the City of Bangor. Additional Maine offices are located in Yarmouth, a 15-minute drive from Portland, and Augusta. The cities of Bangor and Portland encompass some of the nation's youngest in average population age and are home to many professional groups, arts, and entertainment. Remote work sites are also supported. Enjoy working at a company that can offer diverse work experiences and learning opportunities! Sewall is currently seeking a Civil Staff Engineer, a Civil Engineering Technician, and a Civil Engineering Project Manager. If interested please email questions to Rachel at Rachel.foley@sewall.com or visit <https://sewall.com/careers-at-sewall/>.





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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

NAME	POSITION	COMPANY	EMAIL
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Dan Bouchard	President	WSP	President.ASCEmaine@gmail.com
Esther Bizier	President-Elect	Main-Land Development Consultants, Inc.	ElectPresident.ASCEmaine@gmail.com
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Lynn Frazier	Treasurer	Sewall Company	Treasurer.ASCEmaine@gmail.com
Heather Hayes	Secretary	Sewall Company	Secretary.ASCEmaine@gmail.com
Don LeBlanc	Director (Year 3)	DLVEWS, Inc.	Director3.ASCEmaine@gmail.com
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Nate Powelson	Director (Year 1)	Criterion Engineers	Director1.ASCEmaine@gmail.com
John Kuchinski	Past President	City of Lewiston	
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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
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	School Age Outreach		
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Heather Hayes	Technical Seminar		
CeCe Mceachern	UMaine Student Advisor/Practitioner		
Eric Landis	UMaine Faculty Advisor	University of Maine	landis@maine.edu
Heather Hayes	Transportation Conference		