

THE INFORMANT



NEWSLETTER OF THE MAINE SECTION ASCE

October 2021



From the Editor:

October is flying by! We hope you have some good Halloween costumes picked out and have been able to get near a local orchard for cider, apples and doughnuts! Hugh Scott put on a great, motivating presentation last month and we are excited to build off that with a tour and dinner presentation in Auburn! Additional details can be found on page 3, please RSVP to me as soon as possible.

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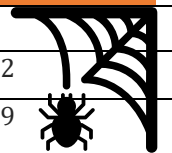
We can't wait to see you!

Heather

Maine Section ASCE - Save the Date(s)

October 2021

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3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28 Tour of ELHS & Monthly Mtg	29	30
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President's Message

Happy October Maine ASCE!

As the leaves change and air grows crisp, I'm reminded how much I love this time of year!

It was fabulous to see so many people calling in to our first monthly PDH meeting of the year last Thursday, September 30 for the presentation by Hugh Scott, P.E. titled "Do Better by Doing Less Better". It was highly motivational and really makes one think how they might be able to become more focused and efficient by focusing on one thing. For those who missed it, be sure to stay tuned in the informant for information about our upcoming meetings and PDH opportunities.

Last week, Tom and I had the opportunity to attend the ASCE Presidents and Governor's Forum. It was a great three afternoon webinar where we learned about ASCE and the resources we can utilize to help provide value to you, our members. We certainly came away with some good ideas and hope to implement them this year to help our section get back to a new normal after the last year of almost entirely virtual happenings. Thanks to the ASCE Leader Training Committee, chaired by Maine ASCE Past President Lauren Swett, for organizing a great, interactive virtual conference!

As I'm sure you are all aware, infrastructure has been a hot topic in the news this past month with the Infrastructure Investment and Jobs Act up for a vote. Without delving into the politics of this bill, I would like to encourage everyone to take another look at the Maine Infrastructure Report Card released December 2020. Here in Maine, our infrastructure received an overall grade of C-, not exactly a stellar score, but on par with the national average. Some categories were up, some were down, but the average remained the same.

One of my favorite sections of the Maine Report Card is our Solutions to Raise the Grade. There we list Five Key Solutions to help Raise the Grade. If you haven't had a chance, please take a look at our report card which can be found right on the Maine ASCE website. It truly is an important tool used by the public, municipal officials and politicians as they make decisions. Trust me when I say it is an interesting read for anyone – my uncle has had way too much fun reading the entire report and questioning me on it all summer!

I'll also use this opportunity to put a plug in for visiting one of Maine ASCE's Historic Civil Engineering Landmarks. ASCE has asked us to complete an inventory of the landmarks which consists of visiting the site, taking a few photos and filling out a simple form provided by ASCE (you can fill out as much or as little as you are able). Fall is a great time to take a drive on the weekend with your family for some leaf peeping...so why not help out ASCE on the way?! Some of our sites are in very scenic areas you won't want to miss! If you would like to help out, please contact myself (esther@main-landdci.com) or Will Haskell for more information.

Last, the ASCE board has decided to offer a couple of in person or hybrid events this fall and I'm looking forward to seeing everyone in person soon.

Esther Bizier, P.E.

Maine Section President





Maine Section ASCE Monthly Meeting TOUR & DINNER PRESENTATION!

Thursday, October 28th, 2021
RSVP By October 22nd!



The new Edward Little High School replaces the existing 1950s school building. It provides 280,000 SF of 21st century learning spaces, integrated Career Technical Programs, 1200 seat auditorium and a full complement of athletic fields. The school will serve as a Satellite Career Technical Center to the neighboring Lewiston Regional Technical Center. This partnership allows Auburn to integrate a variety of staff and students. The design process included a series of educational visioning and programming sessions led by Harriman and New Vista that resulted in a set of guiding principles and design patterns that supported the current and aspirational goals of the Auburn community.

Schedule:

4:00 – 5:00 Site Tour
 5:15 – 5:45 Registration/Social Time
 5:45 – 6:15 Dinner
 6:15 – 7:15 Presentation

Location:

Tour – 77 Harris St – Safety toe shoes, vests & hardhats required

Dinner – Hilton Garden Inn Auburn Riverwatch

Presented by:

**Harriman - Amanda Jandreau, P.E., S.E. &
 Frank Crabtree, P.E., LEED AP**

Frank received his BS degree in Civil Engineering at the University of Maine in Orono, ME. After working for 12 years in civil engineering in Old Town, ME, Frank moved to Auburn, ME to create the Civil Engineering Department at the long-established Harriman Associates, architects and engineers. Frank has more than 40 years experience in civil engineering, environmental storm water management design, and in managing the permitting and approval process required by state and municipal agencies. For the Edward Little High School reconstruction project, Frank assisted the School Department in

researching and selecting the optimum site for the new high school. The existing 60-acre high school site turned out to be the best location for the new facility. Frank oriented the buildings, drives, parking, and athletic fields to optimize the site; designed the stormwater system, utilities, grading, and site features; and prepared the permitting for the City of Auburn, Maine DEP, and Army Corps of Engineers regulatory approvals.

Amanda received her BS in Civil Engineering from the University of Maine at Orono. She has 13 years of experience designing structures throughout Maine and New England. While at Harriman she has been the structural engineer of record for numerous K-12 schools, water treatment facilities, higher education buildings, medical office buildings and more. She resides in Caribou with her family.

To register contact **Heather Hayes** Email: heather.hayes@sewall.com

**\$30 ASCE Members
 \$40 Non-Members
 LM'S FREE**



ASCE Historic Civil Engineering Landmark Inventory!

Planning an October leaf peeping adventure? Why not visit one of Maine's Historic Civil Engineering Landmarks on your drive?! Lend a hand to the History and Heritage Committee and assist with an inventory of Maine's Historic Civil Engineering Landmarks. All you have to do is visit the site, take some photos and make a few easy observations using a form provided by ASCE. The following sites are up for grabs:

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

If you are interested in visiting any of the sites please contact Esther Bizier (esther@main-landdci.com) for more information and the inventory form.





Looking for Employment?



The Maine Turnpike Authority (MTA), located in Portland, Maine seeks a full-time **Project Manager** to join its Engineering team. This is a highly skilled, professional level position acting as the Authority's representative managing engineering consultants involved with design, plans, specifications and other project development duties for Authority construction projects. This position will work closely with consultants and other staff to coordinate project design and development, perform project design and support, and monitor quality assurance on contracted construction projects. Professional contact with staff, consultants, suppliers, contractors, and the general public is a critical responsibility of this position.

For complete job description, please visit our website at: <http://www.maineturnpike.com/About-MTA/Employment>. Salary range is \$36.45 to \$60.07 plus a comprehensive benefits package that includes health insurance, dental insurance; retirement plan; paid vacation and sick leave and 12 paid holidays.

Interested applicants shall forward a cover letter and resume by email to: jobapplications@maineturnpike.com, or by mail to: Maine Turnpike Authority, HR Department, 2360 Congress Street, Portland, ME 04102.

The Maine Turnpike Authority is an EEO Employer.

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RLC is seeking a **Senior Civil Engineer** to join the growing civil/structural engineering team. This position will entail work on a variety of electric power projects including substations, transmission lines, wind and solar generation plants, and battery storage facilities. This individual must be self-motivated and eager to support the growth and development of the civil/structural engineering team. Depending on the team member's location, this individual will report to either RLC's Hallowell or Falmouth office.

Essential Functions of Position:

- Prepare plan sets, calculations, and specifications for grading, stormwater management systems, roadways, erosion control, and water/sewer infrastructure.
- Prepare permitting applications and associated engineering documents.
- Sign and seal documents as the engineer-of-record.
- Prepare budget estimates and proposals.
- Coordinate with internal design team(s) and with sub-contractors.
- Interface with clients, permitting agencies, planning boards, and contractors.

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CONTACT: Don LeBlanc, P.E.
 207-892-3080
 don@dlveys.com



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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.ASCMaine@gmail.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.



MaineASCE Board & Committee Contacts

NAME	POSITION	COMPANY	EMAIL
Leadership Board			
Esther Bizier	President	Main-Land Development Consultants, Inc.	President.ASCEmaine@gmail.com
Tom Perkins	President-Elect	Dirigo Architectural Engineering	ElectPresident.ASCEmaine@gmail.com
Heather Hayes	Vice President	Sewall Company	VicePresident.ASCEmaine@gmail.com
Lynn Frazier	Treasurer	Sewall Company	Treasurer.ASCEmaine@gmail.com
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CeCe Walton	Director (Year 2)	VHB	Director2.ASCEmaine@gmail.com
Nathan Strout	Director (Year 1)	S.W. Cole Engineering, Inc.	Director1.ASCEmaine@gmail.com
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Tom Perkins/Heather Hayes	A/E Golf Tournament		
Phil Dunn	Awards	University of Maine	Philip.Dunnjr@Maine.edu
Esther Bizier	Diversity	Main-Land Development Consultants, Inc.	
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
Dan Bouchard	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
Nate Powelson	Technical Seminar		
Chris Daubert	UMaine Student Advisor/Practitioner		
	UMaine Faculty Advisor	University of Maine	landis@maine.edu
Eric Landis	Transportation		
Heather Hayes	Conference		