

THE

INFORMANT



NEWSLETTER OF THE MAINE SECTION ASCE

December 2023



From the Editor:

Happy Holidays!

Thank you to everyone who came to Scarborough Downs last month for the presentation about the latest phases of development and the cool stormwater system! This month kicks off with the 72nd Annual Transportation Conference **this THURSDAY!** Stop by the ASCE booth and buy some raffle tickets to support the Student Section. We are also sponsoring an ABC Bridge Building competition - so find some friends and see how your construction stacks up! We hope to see you soon!

Heather

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Maine Section ASCE - Save the Date(s)

December 2023

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3	4	5	6	7 Transportation Conference Happy Hanukkah!	8	9
10	11	12	13 All Industry Meeting	14	15	16
17	18	19	20	21	22	23
24 31	25 Merry Christmas!	26	27	28	29	30



President's Message

Time flies, it feels like summer was just a couple weeks ago. I hope that everyone has had a great year.

Special thanks to Drew Gagnon for presenting on the Downs development at the Throttle Car Club. It was very informative on the progress made to date, progress yet to come, and the impact of COVID and how that affected the master plan for the development.

We are excited to partner with WTS and host the new Accelerated Bridge Construction bridge breaking contest at the Maine Transportation conference, teams of up to 4 have 30 minutes to build a bridge! Email Kristi Van Ooyen kvanooyen@maineturnpike.com to sign up. There will be prizes. Hope to see you there.

As we are rounding the corner on 2024, everyone knows what that means... time for the ASCE Report Card Update! We are looking for volunteers for the report card, check out page 6 for more information and look for emails in the near future looking for volunteers.

Happy Holidays to you and your families. See you in 2024!

Thanks,

Nate Powelson, P.E.

Maine Section ASCE President





All Industry Meeting!



Maine Section 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 emailed (preferred) or postmarked by **March 1, 2024**. 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. at: leslie.corrow@kleinschmidtgroup.com



THE WICKED DATA MIN"AH"

#05: WICKED GOOD GROUNDWATER

32

billion gallons of groundwater that Mainers use annually. This is about about 1% of the 4 trillion gallons of precipitation that soak into the groundwater.

Source: <https://www.maine.gov/fac/>

8.5

billion gallons that Greater Portland that withdraws annually from Sebago Lake.

Source: <https://www.maine.gov/dacf/mfs/explore/water/facts/water.htm>

1300

sq. mi. of Maine's landscape of mapped sand and gravel aquifers.

Source: https://www.maine.gov/dacf/mfs/projects/fair_forest/forestfacts.html

40

% of Maine's citizens use a private groundwater well for their household water supply.

Source: <https://www.maine.gov/dacf/mfs/explore/water/facts/water.htm>

42

degrees farenheit is the annual average temperature of Maine ground water.

Source: https://www.maine.gov/dacf/mfs/projects/fair_forest/forestfacts.html

72ND MAINE TRANSPORTATION CONFERENCE

SMART INVESTMENTS STRONG INFRASTRUCTURE

Advancing Maine's Transportation Landscape

Presented by



Please join us as we gather with regional and national leaders in the transportation field for the
72nd Maine Transportation Conference
Thursday, December 7, 2023

The Maine Transportation Conference will feature a full day of technical and policy track discussions for transportation professionals in Maine and beyond. Join us to hear from the U.S. Space Force, along with discussions on: how smart infrastructure investments can bring strong returns; adapting to the changing climate; intersections and roundabouts for safety; legislative funding; and more. There also will be plenty of opportunities to network, and the traditional UMaine Student Paper and Bridge Breaking competitions, and the new "Accelerated Bridge Contest," where teams vie to build the strongest bridge in just 30 minutes.

We look forward to seeing you there!

[Register Here!](#)

Questions?

Please contact the MBTA office: 207-622-0526 or Cindy@mbtaonline.org.72ND MAINE TRANSPORTATION CONFERENCE | THURSDAY, DECEMBER 7, 2023

Accelerated Bridge Construction

Find 3 friends and register with Kristi Van Ooyen today!

KVanOoyen@maineturnpike.com

Teams of 4 or less will have 30 minutes to construct their bridges with materials provided. Construction will take place at the END of lunch break in the Androscoggin/Aroostook/Cumberland Rooms - Testing will take place during 4:30 PM Reception. There are PRIZES!



















Join the Committee for Maine's Infrastructure!

2024 Report Card for Maine's Infrastructure

We are seeking interest in participating in the Report Card Committee for 2024. 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 another great turnout. We are always looking for new insights and expertise. Expect the kick-off with ASCE to occur in January with final drafts due no later than August 2nd and an unveiling in late fall 2024.

Check out the latest report card at <https://www.infrastructurereportcard.org/state-item/maine/>
 If interested, please contact Peter Merfeld before December 8, 2023. Email works best at pmerfeld@maineturnpike.com or call 207-485-2036.



CATEGORY	2008	2012	2016	2020	2024!
	B-	B	C+	B	?
	D+	C-	C-	C-	?
	D+	D+	D+	D+	?
	-	-	-	C-	?
	D+	C-	C-	D+	?
	C+	C+	B-	C+	?
	C	C+	C+	C	?
	B-	C+	C+	C	?
	C	C	C	C+	?
	C-	C-	D+	D+	?
	C-	C+	B-	B-	?
	C	C-	C-	C-	?
	D	D	D	D	?
	C-	C-	C	C	?
	-	-	-	C-	?
	D+	D+	D+	D+	?
OVERALL	C-	C-	C-	C-	??



MAINE SECTION YOUNGER MEMBERS **HOCKEY NIGHT IN PORTLAND**



Come watch your Maine Mariners take on the visiting Reading Royals and catch up with your fellow Maine Section ASCE members!

21 January 3:00 PM Start

At the Cross Insurance Arena
1 Civic Center Square, Portland, ME 04101

Please RSVP by January 10th

E-mail Benjamin Smith at
benjamin.smith@tylin.com

ASCE YOUNGER MEMBERS



Looking for Employment?



Seasonal Employment Opportunity – Summer and Winter Breaks

Engineering Student Intern

The Maine Turnpike Authority is looking for a full-time student in their 2nd to 3rd year of college, currently enrolled and planning to complete a Bachelors or Associates Degree in Civil Engineering, Surveying Engineering, Building and Engineering Technology or similar/related field. This position will work out of our Portland, Maine office. The Turnpike is 110 miles of interstate highway in southern Maine.

This is semi-skilled technical work with primary responsibility of assisting on engineering and construction projects, and is a seasonal entry-level, on-the-job training position. Frequent travel along the turnpike corridor is required. Duties include, but are not limited to:

- Serving in a survey party.
- Entering and updating GIS data.
- Attending construction project meetings.
- Assisting with inspection of grading work for proper materials, moisture content, width, grade and drainage.

Employees are supervised at regular intervals for quality of work performed. A technical supervisor gives instructions orally or through sketches, maps or simple plans.

Must possess and maintain a valid Class C State of Maine driver's license and clean driving record.

Interested applicants shall forward a letter of interest, resume, references and a list of relevant courses that have been successfully completed 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.




AERO

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powereng.com/careers



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CONTACT: Don LeBlanc, P.E.
207-992-3080
don@dlviews.com





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