



ASCE

VERMONT SECTION

April 2018 Newsletter

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Make sure to check out

Dear ,

Our last event before summer will be held on May 9, 2018 in Burlington, VT. The Annual VT ASCE Meeting and VSE Spotlight series will include a tour and presentation of the University of Vermont Medical Center Miller Building which is currently under construction. The Miller Building will be a 180,000 SF, seven-story inpatient building, with 128 single occupancy medical-surgical rooms, located on the west side of the UVM Medical Center campus. Following the dinner and presentation, a social hour and dinner will be held at Halverson's Upstreet Cafe. We are excited to announce that ASCE President-Elect, Robin Kemper, will be in attendance. Please consider joining us at this event to welcome the President-Elect.

The University of Vermont and Norwich University student chapters organized and hosted the New England Student Conference banquet this past weekend at UVM. A total of 14 New England student chapters attended and participated in the steel bridge and concrete canoe competition. The closing ceremony included an introduction by the UVM Provost David Rosowsky and a presentation by Ken Pidgeon, President of Engineers Construction, Inc.

In this month's newsletter you'll find:

- [New England Student Conference Banquet](#)
- [Annual Meeting - SAVE THE DATE](#)
- [VT INFRASTRUCTURE REPORT CARD](#)
- [2018-2019 VT ASCE Elections](#)
- [Dream Big Initiative](#)

If you have any questions or ideas for the Section please do not hesitate to contact me. Hope to see you all at upcoming meetings.

Sincerely,
Nathan A. Pion, P.E., M.ASCE

ASCE New England Regional Student Banquet Recap

ASCE's Continuing
Education Page.

[Click Here!](#)

2017 - 2018 Vermont ASCE Officers

Title	Name
Past President	George N. McCain Jr., P.E.
President	Nathan Pion, P.E.
President-Elect	Branden Martin
Treasurer	Adam Goudreau
Secretary	Stephanie Wyman, E.I.
Newsletter Editor	Elizabeth Chambers
New England Council Delegate	George McCain, P.E.
New England Council Delegate	Jessica Louisos, P.E.
Webmaster	Erik Ailing, P.E.
Membership Committee Chair	Tyler Barnard, E.I.
Geo-Institute Chair	John Stevens, P.E.
VTC Practitioner Advisor	John Lens, P.E.
UVM Practitioner Advisor	Pat Finn, E.I.
Norwich Practitioner Advisor	Vacant
Young Member Committee Chair	Dylan Quinn, E.I.
Government Relations Chair	Jessica Louisos, P.E.

We Won!

The University of Vermont, in collaboration with Norwich University, hosted the 2018 Annual New England Regional Student Steel Bridge and Concrete Canoe competition from April 27-29. Fourteen student chapters from around New England participated in the competition.



First Place for the Steel Bridge Competition was awarded to Universite Laval

On April 28, a closing ceremony was held at the UVM Davis Center to celebrate the achievements of all who participated. The banquet began with opening remarks by UVM College of Engineering and Mathematical Sciences Provost David Rosowsky, Ph.D., P.E., F. ASCE. The banquet capped off with a presentation by Ken Pidgeon, President of Engineers Construction, Inc. on the "The Challenges in Predicting Member Forces in Bridges."



The Vermont Section won the Outstanding Section & Branch Award for Small Sections in 2012 & 2013. This means that we were the BEST small ASCE section in the nation!



May 9th VT ASCE Annual Meeting & VSE Spotlight Series Joint Event

Our annual meeting will be held on Wednesday, May 9, 2018 at Halvorson's Upstreet Cafe in Burlington. The meeting will be a collaborative event between VT ASCE and VSE. We are pleased to announce that 2018 ASCE President Elect, Robin Kemper, will be attending. The meeting will include a site visit and presentation on the University of Vermont Medical Center - Miller Building. 1 PDH will be provided to all who attend the tour and presentation.

For more information or to register for the event visit the [launch page](#)

Calling All Infrastructure Experts

Lend your expertise in helping to assess the condition of Vermont's Infrastructure. We are looking for volunteers to help update our Infrastructure Report Card. This short-term volunteer opportunity is a great way to both expand your knowledge, contacts, and give back. Without engineers assessments and recommendations, our critical infrastructure can be overlooked. Vermont legislators have used the 2014 report card extensively and included recommendations in new bills and budgeting.

Help us update information on:

- Bridges
- Roads
- Dams
- Solid Waste
- Drinking Water
- Wastewater

With your help we could include many other categories:

- Aviation
- Energy
- Parks and Recreation
- Rail
- Schools
- Transit

Please contact [Jessica Louisos](#) with interest or additional information.



Helpful Links:

<https://www.infrastructurereportcard.org/>

<https://www.infrastructurereportcard.org/state-item/vermont/>

2018-2019 VT ASCE Elections Last Chance to Vote

VT ASCE is holding their annual elections. The following officer positions are open:

- President-Elect
- Secretary
- New England Council Delegate
- Young Membership Group Chair

To place your vote please visit the our [poll](#)

Dream Big Sponsorship

ASCE is undertaking an aggressive movement to put a copy of the Dream Big film and educational toolkit in every public school in America. In order to meet this ambitious goal, ASCE is asking for your help. By giving \$5, you can send the Dream Big toolkit to the school of your choice.

For more information visit
<https://www.engineersdreambig.org>

UVM & UT-Chattanooga Research on Ground Penetrating Radar (GPR)

The University of Vermont and University of Tennessee at Chattanooga are working together to research virtual 3-D models of underground objects. For more information visit the news brief on [construction dive](#).

You are welcome to contact me at [Vermont ASCE Newsletter](#) if you have something to contribute to the newsletter. Let us know if you have suggestions on how we may serve you better.

Sincerely,



Nathan A. Pion, P.E., M.ASCE
ASCE Vermont Section President
[President Vermont ASCE](#)

Career Opportunities

Senior Transportation Project Manager

VHB's growing South Burlington, VT office is looking for an enthusiastic, highly organized, Senior Transportation Project Manager to join our experienced team of planners, engineers, and scientists. As a key member of VHB's transportation planning and engineering team, this person will be responsible for pursuing and managing a broad range of transportation planning, traffic engineering, and design projects and directing a team of planners and engineers. The ideal candidate should possess a "can-do" attitude, excellent verbal and written communication skills, manage projects and mentor staff, and have significant experience with business development, client management, and financial accountability.

VHB's passionate professionals include engineers, scientists, planners, and designers who partner with public and private clients in the transportation, real estate, institutional, and energy industries, as well as federal, state, and local governments. Together, we work to improve mobility, enhance communities and economic vitality, and balance development and infrastructure needs with environmental stewardship.

Responsibilities:

- Serve as the project manager or task leader on planning and design of complex transportation projects, conducting alternatives analyses, scoping studies, traffic impact studies, multimodal planning and engineering, and transportation/traffic design projects as well as stakeholder engagement and public participation
- Maintain and grow relationships with VTrans and other regional and municipal clients as well as our private sector clients
- Manage multiple, simultaneous projects with various topics and complexity levels.
- Develop, maintain and update project budgets and schedules
- Lead development of project deliverables and provide quality management
- Work directly with clients and deliver superior service
- Manage project finances and contract requirements
- Conduct technical analysis and prepare project reports
- Take an active role in business development, including outreach and coordination with existing and potential clients, identifying project pursuits, and client outreach and developing technical and fee proposals
- Prepare and deliver technical presentations
- Represent VHB at conferences, seminars, and industry organizations and events

Skills and Abilities:

- Ability to manage complex projects of multidisciplinary nature
- Strong client relationship management expertise

- Excellent communication (written and oral) and interpersonal skills
- Active in industry organizations
- Public outreach and community presentation experience
- Motivated to lead and mentor others
- Ability to think critically and strategically

Qualifications:

- Successful candidate will have 10+ years of relevant experience in transportation engineering with at least 5 years as a project manager or task leader
- BS in Civil Engineering or related field
- Synchro/SimTraffic experience required
- Thorough knowledge and understanding of the Highway Capacity Manual, the AASHTO Green Book, and the Manual on Uniform Traffic Control Devices
- Experience with MicroStation, InRoads, and/or AutoCAD Civil 3D is desirable
- Vermont Professional Engineer license, or ability to obtain Vermont P.E. license within six months.

[Please submit applications on our website](#)

At VHB, we're invested in what we do, compelled by intellectual curiosity, and driven to work collectively to best serve our clients and help shape the future of our communities in a meaningful way. We're proud, yet humbled, to have been doing this for nearly 40 years. We are dedicated to making a positive impact, and providing opportunities to grow personally and professionally.

If your company would like to post a job opening, please follow the link below for more information:

[Posting Jobs with VT ASCE](#)

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Roy Schiff, PhD, PE | rschiff@mminc.com
802.882.8335 WWW.MMINC.COM



www.vhb.com

40 IDX Drive
Building 100, Suite 200
South Burlington, VT 05403

David Saladino, PE, AICP
Managing Director

dsaladino@vhb.com
D 802.497.6121 | P 802.497.6100



Erik N. Alling, PE
Project Manager

Stantec
55 Green Mountain Drive, South Burlington VT 05403
phone: (802) 864-0223 ext.: 129
erik.alling@stantec.com



GEODESIGN
INCORPORATED

Tel: 802-674-2033 xt 209
Fax: 802-674-5943

54 Main Street
Windsor, VT 05089

40 Farrell Street
So. Burlington, VT 05403

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Brod Aldrich, PE, F.ASCE
President
baldrich@aeengineers.com

AE Aldrich + Elliott
WATER RESOURCE ENGINEERS

6 Market Place Suite 2 | Essex Junction, Vermont 05452 | TEL (802) 879-7733 x102
AEENGINEERS.COM



Kevin Dawson, P.E.
Vice President

m: 617-306-5910
d: 401-334-2565
e: kdawson@haywardbaker.com

Hayward Baker, Inc.
9 Whipple Street
Unit 1
Cumberland, RI 02864
t: 401-334-2565
f: 401-334-3337
haywardbaker.com

Steve Wolf, P.E.*
Regional Sales Engineer
Northern New England and CT
*Licensed in NH & MD



Contech Engineered Solutions LLC
PO Box 1975
New London, NH 03257
802-233-9110 Mobile
207-885-9825 Fax

www.ContechES.com

swolf@conteches.com

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