

Alling, Erik

From: ASCE Vermont Section <george@mccainconsulting.com>
Sent: Tuesday, June 06, 2017 5:23 AM
To: Alling, Erik
Subject: ASCE Vermont Section - June 2017 Newsletter

Follow Up Flag: Follow up
Flag Status: Flagged

Having trouble viewing this email? [Click here](#)



ASCE

VERMONT SECTION

The Green Mountain Civil Report

May 2017

In This Issue

Quick Links

[Visit Our Website](#)

[Archived Newsletters](#)

[More About Us](#)

Dear Erik,

Happy June to all our VT ASCE Members and Friends! This will be my last newsletter as President of the Vermont Section, and I'd like to reiterate what an honor it has been to represent the Section and contribute in this role to the engineering community of Vermont. Special thanks to all those who made it out for an event this year, and particularly to the VT ASCE Board of Directors who dedicate their time and efforts to continuing the mission and values of ASCE. Cheers!



Now onto all the great stuff we have coming up! Please consider joining us for our Annual Meeting on June 15th - we will be appointing next year's board of directors, and look forward to a great presentation on Act 64 and Vermont Water Quality by Tom DiPietro with the City of South Burlington.

At our Annual Meeting we will also be recognizing the 2017 VT ASCE Engineer of the year **Shawn P. Kelley, Ph.D., P.E.** and our 2017 VT ASCE Young Engineer of the Year, **Nathan Pion, P.E.**. Please come help us recognize their achievements, as well as their recognition as Vermont's Engineer of the Year and Young Engineer of the Year, respectively.



VT ASCE is now
on LinkedIn!

LinkedIn is a great way
to stay up to date and
connected to all of VT

ASCE's members and events.

Help us build our content by posting to [our group!](#)

[View our profile on LinkedIn](#)



[Join ASCE!](#)

Make sure to check out ASCE's Continuing Education Page.

[Click Here!](#)

2016 - 2017 Vermont ASCE Officers

Title	Name
Past President	Jessica Louisos, P.E.
President	George N. McCain Jr., P.E.
President-Elect	Nathan Pion, P.E.
Treasurer	Christopher Gendron, P.E.
Secretary	Branden Martin, E.I.
Newsletter Editor	Andrea Ameden
New England Council Delegate	Bernard T. Gagnon, P.E.
New England Council Delegate	Jessica Louisos, P.E.
Webmaster	Erik Ailing, P.E.
Membership Committee Chair	Tyler Barnard, E.I.

It's also time to vote in our local Vermont Section Elections for the 2017-2018 open board positions. Please see the information below for how to vote, and join us at our June Meeting for the inductions.

In this month's newsletter you'll find:

- [2017 Annual Meeting and Tour of the Stonehedge Stormwater Improvement Project](#)
- [VT ASCE Section Election Information](#)
- [VT ASCE Past President Breakfast with ASCE National President-Elect Kristina Swallow](#)
- [VT ASCE Student Outreach at Essex Middle School](#)
- [UVM Places 3rd at New England Region Steel Bridge](#)
- [2017 ASCE Fly-In & Advocating for Infrastructure - WE NEED YOUR HELP!](#)

Thank you for your time, and once again it has been a pleasure representing this fine organization for the past year!

George N. McCain Jr., P.E., M.ASCE



[Join ASCE for an exclusive tour of the Stonehedge Stormwater Improvement Project](#)

[Cocktail hour and dinner to follow at Bluebird Barbecue](#)

[Following dinner, see presentation "South Burlington Stormwater Utility and the Stonehedge Stormwater Improvement Project" by Tom DiPietro Jr., the Stormwater Superintendent / Deputy Director of Public Works in South Burlington.](#)

[Our brief Annual Meeting will include honoring our new life members and induction of new officers, as well as recognizing our VT ASCE 2017 Engineer of the Year, Shawn P. Kelley, Ph.D., P.E. and our VT ASCE 2017 Young Engineer of the Year, Nathan Pion, P.E.](#)

[You are welcome to join us for all or a portion of the evening](#)

[Tour & presentation participants will receive \(2\) PDH's](#)

[Participants attending only the presentation receive \(1\) PDH's](#)

[Register Now!](#)

Tom DiPietro Jr., the Stormwater Superintendent / Deputy Director of Public Works in South Burlington, will be giving an overview of the South Burlington Stormwater Utility, including a tour of the Stonehedge Stormwater Improvement Project. The presentation will focus on some background information for how

Geo-Institute Chair	John Stevens, P.E.
VTC Practitioner Advisor	John Lens, P.E.
UVM Practitioner Advisor	Pat Finn, E.I.
Norwich Practitioner Advisor	Chris Rivet, P.E.
Young Member Committee Chair	Dylan Quinn, E.I.
Government Relations Chair	Amanda Hanaway-Corrente, P.E.

the Stormwater Utility was started in South Burlington, a description of what a stormwater utility does, and a description of the Stonehedge Stormwater Improvement Project.

When the Stonehedge neighborhood was originally constructed the project did not contain significant measures to manage stormwater runoff. As a result, runoff from Stonehedge would flow untreated to Potash Brook and cause flooding in some areas. The majority of stormwater runoff generated in the Stonehedge neighborhood is directed to a new stormwater treatment pond. In other areas, water is sent to bioretention areas for treatment. The pond and bioretention areas remove sediment and other pollutants prior to discharging to Potash Brook. In addition, these stormwater treatment practices detain excess volumes of stormwater runoff and slowly release water to the brook. This helps prevent erosion of stream banks and reduce the risk of downstream flooding.

The event will commence with a tour of the Stonehedge Stormwater Improvement Project at 4:30 PM, followed by a dinner reception and presentation at Bluebird Barbecue, 317 Riverside Avenue in Burlington at 5:30 PM. We will also be inducting our new officers for the 2017-2018 year as part of the Annual Meeting.

See below for more information about the tour and presentation venue locations.

One of several stormwater improvements at Stonehedge:

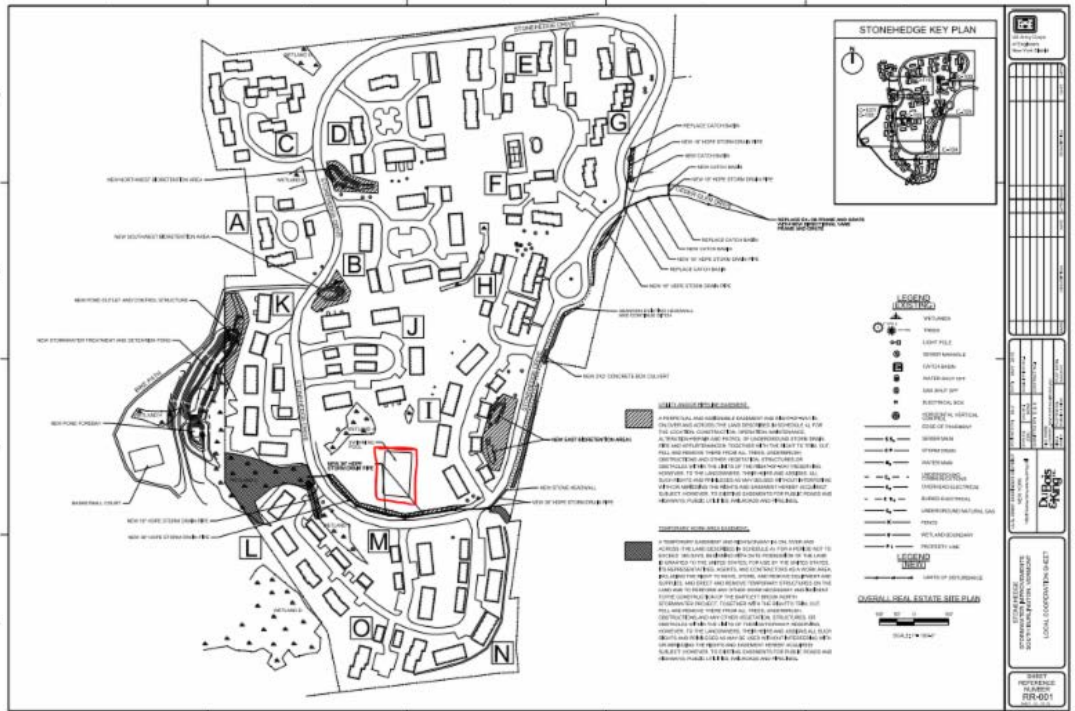


We Won!



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!

Below is a map of the Stonehedge Neighborhood. The main circle is Stonehedge Drive, and attendees should park along this road. We will meet up at 4:30pm at the pool across from the M Units, outlined below in red:



Bluebird Barbecue is located at 317 Riverside Avenue in Burlington. We will head to Bluebird following the tour. Here is a map of the venue lo

VT ASCE Section Election is Underway!

Please take a moment to vote for next year's leadership of The Vermont Section of ASCE. We have a great mix of seasoned veterans and new additions to the board, and we're very excited for the upcoming year and what it has to bring.

Also please consider joining me in thanking everyone on the board for their hard work last year, and welcoming the new officers, at our Annual Meeting on June 15th at Bluebird BBQ in Burlington. It's sure to be an excellent event, and hope to see you there!

<https://www.surveymonkey.com/r/5KPNWKW>

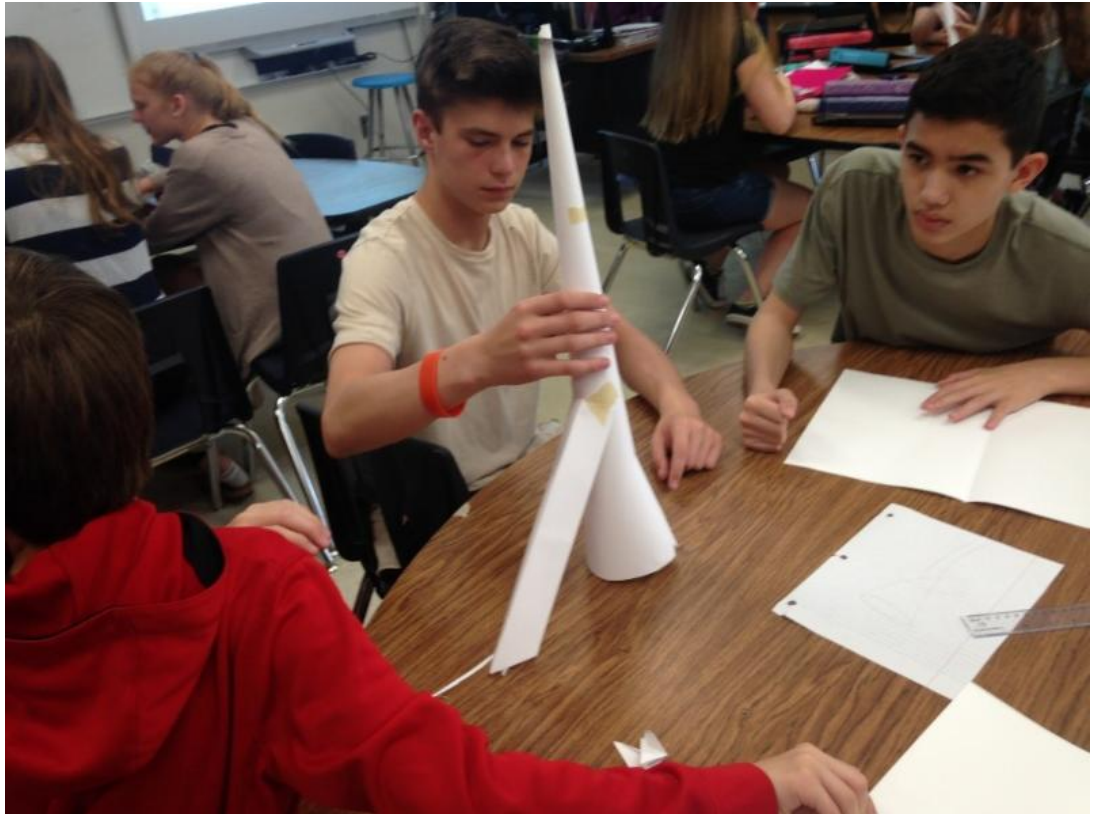
VT ASCE Past President Breakfast with ASCE National President-Elect, Kristina Swallow

Thanks to all that attended our May meeting at the Capital Plaza - it was a great success and we sincerely appreciate President-Elect Swallow for taking the time to make a trip up to Vermont and talk to our section about both National and local issues concerning Civil Engineers. We look forward to your year at the helm of ASCE!



VT ASCE Student Outreach at Essex Middle School

This past month, ASCE members went to three Middle School Science Classes to teach students about Wind Engineering. The students learned about how wind effects structures and how engineers use creative design to resist forces from the wind. With their new knowledge the students then built their own towers in a design challenge. Pictured to the left are two students working on their cone tower with supporting legs. One of the teams also shared their thoughts on the experience - found below. The Vermont Section plans on holding more outreach events in the coming school year. If you are interested in helping or think your school would be interested, please contact Dylan Quinn. DylanQ@EngineeringVentures.com.



From the students:

"The activity that we did yesterday was very enlightening. Not only did it teach us important life skills with engineering, but it also taught us how to have fun while acting like an engineer. It helped our class understand what engineering is, and what we may be able to do with it in the future. It also helped us understand what engineering does to our society. It was helpful to those of us who are looking at engineering as a career. Buildings are one of the most challenging things engineers create and design. The adults who came in yesterday explained to us that square buildings take on a lot of wind; more than circular buildings. This also happens with wide and skinny buildings. It was also explained to us, that wider foundations are better than smaller ones, because the building can brace against the wind with a stronger base. We also learned that foundations are very important for buildings to remain stable. This was helpful when we started building, because we were able to think about that when designing our own buildings out of paper."

Sabrina Chapdelaine, Cara Viglucchi, Amanda Fagnant, and Morgan Rivers

UVM Places 3rd at the New England Regional Steel Bridge Competition - Headed to Nationals

Congratulations to the UVM Steel Bridge Team for their 3rd place finish at the NE Regional Competition. Make sure to wish them all luck as they head to Oregon for the National Competition at Oregon State University. Go Cats!



2017 ASCE Fly-In in Washington, D.C. - VT ASCE Advocating for Infrastructure and WE NEED YOUR HELP!

The Vermont Section of ASCE participated in the annual National FlyIn. Jessica Louisos, Water Resource Engineer at Milone & MacBroom and Amanda Clayton, Director of Engineering and Environmental Compliance for Burlington International Airport (remotely due to snowstorm) represented the Vermont Section. The event included education on current engineering related bills, funding initiatives, and talking points in preparation for meeting with our congressional delegates. Meetings on the hill were extremely successful with long discussions on how infrastructure funding benefits Vermonters.

The events in Washington coincided with the release of the 2017 Infrastructure Report Card. Take a look at the informative and catchy new format. Consider downloading the app (Senator Sander's staff downloaded it to his ipad). Check out the section on Vermont's infrastructure. <http://www.infrastructurereportcard.org/>

How you could help... Our Congressional Delegation has asked that we share our stories on how what they are doing in Washington affects Vermonters. Do you have any projects that need funding? or have been successfully completed with federal funding?

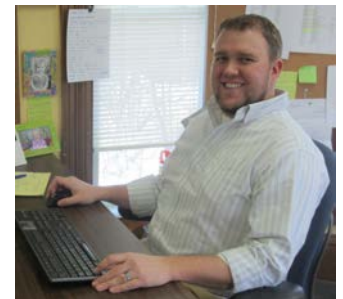


To hear more, share your stories, or get involved in state or federal advocacy contact Jessica jlouisos@mminc.com or Amanda aclayton@btv.aero.

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,

George N. McCain Jr., P.E., M.ASCE
ASCE Vermont Section President
[President Vermont ASCE](#)



Career Opportunities

Survey Manager - South Burlington, VT

VHB's growing South Burlington, VT office has an immediate need for a Survey Manager to join our Survey team. The successful candidate must be knowledgeable in Land Surveying for a variety of applications, including boundary determinations, topographic surveys, utility surveys, highway surveys and subdivisions. The position requires up-to-date knowledge of current technologies, and a proven ability to manage land surveying projects.

Complete Survey Manager Job Posting: https://vhb.hrmdirect.com/employment/job-opening.php?req=547812&&cust_sort1=-1&cust_sort2=-1&&nohd#job



Land Development Project Manager - South Burlington, VT

VHB's growing South Burlington, VT office is looking for a Project Manager/Engineer to join its Land Development team. The successful candidate will lead a team of professionals to manage all aspects of site civil engineering for public and private sector projects, including grading and drainage design, utility design, site and roadway layout.

VHB's Land Development team performs engineering services on a wide variety of challenging projects including commercial and residential infill development, energy generation and transmission facilities, bridge structural, roadways and recreation paths, transportation corridor studies and urban planning, stormwater retrofit planning and design, and ski area infrastructure design.

Complete LD Project Manager Job Posting: https://vhb.hrmdirect.com/employment/job-opening.php?req=546337&&cust_sort1=-1&cust_sort2=-1&&nohd#job



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

[Posting Jobs with VT ASCE](#)

Company Sponsors

Civil & Structural Engineers
DeWolfe
 ENGINEERING ASSOCIATES
 INCORPORATED

81 River Street, P.O. Box 1576
 Montpelier, VT 05602

Richard S. DeWolfe, PE
 President

400 Cornerstone Dr. Ste. 110
 Williston, VT 05495
 Office : 802.876.5022
 Fax: 802.876.5025

Office: 802.223.4727
 Cell: 802.248.2800
 Home: 802.456.1404
 Fax: 802.223.4740

rick.dewolfe@dirsteel.com
www.dirsteel.com



G E O D E S I G N
 I N C O R P O R A T E D

GEOTECHNICAL ENGINEERS - ENVIRONMENTAL CONSULTANTS

54 MAIN STREET - POST OFFICE BOX 699
 WINDSOR, VERMONT 05089-0699
 TELEPHONE: 802.674.2033 - FACSIMILE: 802.674.5943

SANBORN HEAD
www.sanbornhead.com

Providing technical consulting services to clients in the Energy, Industrial, Solid Waste & Development Markets.

2 South Main Street, Suite 2
 Randolph, VT 05460
 (802) 758-2000



MILONE & MACBROOM

1 South Main Street, 2nd Floor
 Waterbury, VT 05676
 T 802.882.8335
 F 802.882.8346

Contact: Roy Schiff, Ph.D., P.E.
roys@miloneandmacbroom.com

www.miloneandmacbroom.com

Specializing In:
 Hydrology & Hydraulics
 Flood Avoidance & Recovery
 Stream & Floodplain Restoration
 Dam Safety, Repair & Removal
 Stormwater Management
 Bridge & Culvert Design
 Aquatic Organism Passage
 Federal, State & Local Permitting
 FEMA Floodplain & Benefit Cost Analysis

Other Services:
 Landscape Architecture
 Planning
 Transportation Engineering
 Civil Engineering
 Structural Engineering

Stantec

Erik N. Alling, PE
 Transportation Engineer

Stantec
 55 Green Mountain Drive, South Burlington VT 05403
 phone: (802) 864-0223 ext.: 129
 fax: (802) 864-0165
erik.alling@stantec.com

ECT
 ENGINEERS CONSTRUCTION, INC

P.O. BOX 2187
 SO. BURLINGTON, VT 05407

PHONE: (802) 863-6389
 FAX: (802) 862-9703

E-mail: ken@engineersconstruction.com
 Web Site: www.engineersconstruction.com

QCQA Labs
 QCQA LABORATORIES, INC.

DRILLING & TESTING SERVICES

toll free 877-250-8347
 fax 518-372-6739
 web www.qcqualabs.com

Tod Kobik, PE
 Vice President
 mobile: 518-429-1780
tkobik@qcqualabs.com

William Stanton
 President
 mobile: 518-669-4873
wstanton@qcqualabs.com

877 Route 4, Schuylerville, NY 12871

GZA

We are Proactive by Design.
We are One Company, We are GZA.

GZA GeoEnvironmental, Inc.
 5 Commerce Park North
 Suite 202
 Bedford, NH 03110-6984

T: 603-623-3600
 F: 603-624-9463
gza.com

Proactive by Design

GEOTECHNICAL
 ENVIRONMENTAL
 ECOLOGICAL
 WATER
 CONSTRUCTION MANAGEMENT

www.vhb.com

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

vhb David Saladino, PE, AICP
 Managing Director

dsaladino@vhb.com
 P 802.497.6121 | P 802.497.6100

Brod Aldrich, PE, P.E. ^{1A}
President
baldrich@aeengineers.com

AE Aldrich + Elliott
WATER RESOURCE ENGINEERS

6 Market Place | Essex Junction | 1A (802) 879-7733 x102
Suite 2 | Vermont 05452 | AEENGINEERS.COM



- Bridge & Highway Design • Traffic/Transportation • Site Development
- Survey • Inspections/Review • Water/Wastewater
- Construction Management • Peer Reviews

Manchester: 603.668.8223 White River Junction: 802.698.0370
York: 207.363.0669 Sunapee: 603.873.4039

[Find Out How to Become a Company Sponsor](#)

ASCE Vermont Section, McCain Consulting, Inc.,
93 South Main St., Suite 1, Waterbury, VT 05676

[SafeUnsubscribe™ erik.alling@stantec.com](mailto:erik.alling@stantec.com)

[Forward this email](#) | [Update Profile](#) | [About our service provider](#)

Sent by george@mccainconsulting.com in collaboration with

Constant Contact 

Try it free today