



# Granite Columns



## President's Letter



It is almost time to vote! I think we have all heard a lecture or two on the importance of voting and that does not need to be repeated here. We all understand the importance of voting and how by doing so we are contributing to the betterment of our communities. This led me to an important thought. How can we as structural engineers contribute to our structural engineering community? Here are a few ideas:

First, and maybe the most obvious, is being an engaged member of SENH, SEI and other professional organizations. These organizations provide many opportunities for education, outreach, and engagement within and outside the structural engineering community. I encourage all of you to get involved in these organizations,

the personal benefit is just as great as it is to the community. Contact me if you are interested in becoming more actively involved in SENH; there are many opportunities large and small.

Second, share your engineering knowledge with others. This can be in a professional environment or in a social setting. Do not assume that people do not want to hear about what you do or what you are trying to accomplish. You might be surprised how interested people are in our profession. You may find clients appreciate you sharing your knowledge. Doing this helps to promote awareness of our profession and provides opportunities for new and experienced engineers.

Lastly, try to connect with young people. Volunteer for STEM opportunities in grade schools and at college competitions. Encourage students in high school to explore our great profession. We need to find the next general of structural engineers to continue to serve our communities.

Considering my last point, I ask that all of you think about donating to the SENH scholarship fund. The raffle we typically do will not be possible this year, so we are relying in part on free will donations. Also, the scholarship this year will change slightly. We will now be opening one of the two scholarships up to NH residents, attending college outside NH. The public outreach committee and board of directors felt that this was a good opportunity to reach more students and encourage more students from the state to connect with SENH.

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### Special Points of Interest/ Reminders:

- *Mark your calendars! The next meeting is scheduled for November 10! See inside for details.*
- *Looking for information on the upcoming changes for Building Codes? Turn to page 2 for information!*

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# Committee Updates

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## Code Advisory Committee

*submitted by Daniel Martel, P.E.*

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### How do you like to 2015 Codes?

Don't get too attached, since in 2018 the legislature adopted a three-year Code cycle. The Building Code Review Board is currently reviewing the 2018 Codes, with ratification (including any amendments) expected in 2021. Stay tuned for resources available to help us understand structural changes between the 2015 and 2018 codes.

### Special Inspections

The Committee is currently collaborating with the NH Building Officials Association and the AIA to develop resources and tools to assist in the education and uniform enforcement of Special Inspections. As you know, most special inspections are related to structural elements, and enforcement varies greatly in municipalities across the state. (We are learning that with the way these code provisions are written, the experience in most states is the same.) Please reach out if you'd like to be a part of this initiative.

## Scholarship Awards Committee

*submitted by Matthew Low, P.E.*

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The SENH Public Relations Committee, particularly those involved with the annual structural engineering scholarships, is proud to announce that this year for the first time one of the two scholarships will be dedicated to a New Hampshire resident studying structural engineering at an ABET-accredited institution other than UNH.

As in the past, one scholarship will be dedicated to a UNH civil engineering student focusing on structural engineering (resident or non-resident), however, one scholarship will now be open to non-UNH students studying elsewhere. We encourage SENH members to solicit applicants from their alma maters once the application forms are updated and uploaded to the SENH website.

An announcement will be made to SENH members when that occurs, which is expected to be no later than November 6<sup>th</sup>. Should you have any questions, please reach out to Matthew Low, P.E. at [mlow@hoyletanner.com](mailto:mlow@hoyletanner.com) or Robert Durfee, P.E. at [rdurfee@dubois-king.com](mailto:rdurfee@dubois-king.com).

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# SENH November Meeting Announcement

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**WHEN:** Tuesday, November 10, 2020

**PRESENTATION: What We Learned from the Indiana State Fair Collapse Incident**



The August 13, 2011 collapse of the temporary structure at the Indiana State Fair resulted in seven fatalities and dozens of injuries. Due in part to the State of Indiana's high degree of transparency in disclosing forensic findings, temporary structures are receiving new-found scrutiny. This reevaluation is changing how the entertainment industry and regulatory agencies approach the design, construction and utilization of these and similar structures. Mr. Nacheman will present a summary of the State Fair incident investigation, and share the lessons learned from that tragedy related to the use of temporary structures.

Current initiatives involving the development of improved standards, regulations and inspection requirements will also be reviewed.

**SPEAKER:** **Scott G. Nacheman, MSc. Eng., AIA**, served as the Lead Investigator of the 2011 Indiana State Fair collapse incident and has provided emergency response and/or forensic investigative services to significant emergencies and disasters worldwide such as the 2009 Smithfield fire, Hurricane Katrina, Hurricane Ike, CAT90/Sandy, Hurricanes Harvey, Irma and Maria, the Christchurch, NZ earthquakes, the Joplin Tornado, the FIU Bridge Collapse, New Orleans Hard Rock hotel collapse, and many other large loss events. In addition, he has investigated damage and performed remedial design services for iconic structures such as the Chrysler Building, the Wrigley Building and the Empire State Building.

During Mr. Nacheman's over 22-year career he has been involved with many facets of emergency response and structural stabilization efforts including work with the Fire Service in New York and Illinois as well as Federal and State Urban Search & Rescue teams.

Scott earned Masters Degrees in both Architecture and Civil Engineering from the University of Illinois at Urbana-Champaign and regularly authors and provides instruction on topics of emergency response, damage assessment and building collapse rescue operations. As an expert, he has testified in numerous matters.

**WHERE:** **ONLINE**

Members: A calendar invite will be sent with a link to the Microsoft Teams meeting.

Non-Members and Students: Register following the RSVP instructions below.

**AGENDA:** 5:00 pm – 5:30 pm Business Meeting  
5:30 pm – 7:00 pm Presentation

**COST:** Member: **FREE**

Non-Members and Students: **FREE**

However, donations to the SENH scholarship fund are always welcome and appreciated. They can be made by using PayPal at <http://www.senh.org/meeting-calendar> or send check payable to "Structural Engineers of New Hampshire" to:

TFMoran, Inc.  
Attn. Cassi Beroney  
48 Constitution Drive  
Bedford, NH 03110

**RSVP:** Members: No RSVP required.

Non-Members and Students: To RSVP, email the SENH Admin, Cassi Beroney, at [cberoney@tfmoran.com](mailto:cberoney@tfmoran.com). Please register by Monday, November 9, 2020.

**NOTE:** 2.0 PDHs have been assigned for attendance. Attendees are responsible for signing into the Microsoft Teams meeting with first and last name in order to receive PDHs.

# September Meeting Attendance List

Wood Island Life Saving Station Restoration & Access Improvements (1.0 PDH)  
Zoom Meeting Online  
September 22, 2020

Name		Name		Name		Name	
Christopher	Albert	John	Giardiello	Paul	Maloney	Michael	Summerlin
Jeffrey	Benway	Marty	Gorham	Jennifer	Mercer	Carter	Terry
Lily	Beyer	John	Goudreault	Gregg	Mikolaities	Richard	Tetreault
Chris	Bishop	Chuck	Gregory	Dan	O'Connor	Veronica	Thibodeau-Carter
Todd	Buck	Sally	Gunn	Corinne	Park	Bruce	Thomas
John	Byatt	James	Hall	Brian	Patinskas	John	Trottier
Scott	Carter	Kayla	Hampe	Jeffrey	Paul	Jeanne	Walker
Robert	Champagne	Chris	Hernick	John	Reilly	Katelyn	Welch
Aaron	Cheever	John	Hughes	Michael	Richard	Jim	Wheeler
Noah	Chinburg	Sean	James	Dorothy	Richter		
Edward	Coleman	Logan	Johnson	Christopher	Robert		
Benjamin	Cote	Jeffrey	Karam	Charles	Schmidt		
Janusz	Cyzowski	Trevor	Knott	Hugh	Scott		
Richard	Driscoll	Kevin	Knuuti	Gene	Simmons		
Alicia	Dunstan	Pete	Kohalmi	Heather	Smith		
Robert	Durfee	Dave	Konieczny	Joshua	Stackhouse		
Michael	Edgar	Russell	Lemire	Matthew	Steele		
Jack	Eisenbach	John	Lindberg	Eric	Steinhauser		
Fred	Emanuel	Jeffrey	Lloyd	Kirk	Stenersen		
Thomas	French	Matthew	Lundsted	Adam	Stockin		
Chris	Garlick	John	Madden	Cameron	Stuart		

## Presentation Summary

The annual joint SENH/ASCE meeting was held virtually this year in the form of a lunchtime webinar. (September 23, 2020 from 12:00 PM to 1:00 PM).

Summary of Presentation:

Duncan Mellor, P.E. is the Principal Coastal Engineer for Civilworks New England in Dover, NH. Duncan presented on the Wood Island Life Saving Station located on a small island at the mouth of Portsmouth Harbor and the ongoing efforts to preserve and renovate the historic station. The presentation provided a brief history of the station and the formation of the Wood Island Life Saving Station Association (WILSSA), which has lead the renovation effort. Duncan covered the unique challenges and resulting innovative solutions for the design and construction efforts associated with getting materials and equipment to the remote work site.

1 PDH is available for those who attended.

No Business Portion of the Meeting was held.

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