



# Granite Columns

BUSINESS NAME



## President's Letter



I have some exciting news to deliver..... We have entered the twenty first century! We can now accept all payments for the meetings through the SENH website. I apologize that this was not implemented sooner, however we needed to make sure that everything was working smoothly. Thank you for your patience. Payments will still be accepted as they have in the past, however we wanted to add online payment flexibility for those that wanted it.

We also have an exciting meeting planned for this month at the CanAm steel fabricator's plant. I know that the meeting location is a bit out of the way for most, but I assure you that it will be well worth it. This will be a unique opportunity to see many of the structures that we design being built. I hope to see you all there.

On a different note, I have been thinking a lot lately about retirement. Unfortunately, I still have quite a way to go for myself, but my immediate supervisor and current SENH member, Keith Donington, will be ending a long and accomplished career at the end of the month. He has taken the time to mentor and encourage me over the course of the last 7 years, while graciously teaching and trusting me with increased responsibility to prepare me for his departure. He invested the time in me and I am truly grateful. While it is a bit daunting to take over his role, it is not overwhelming, as I have been prepared for this moment.

What are each of us doing to build a legacy of excellence behind us, and what does that look like? Is it designing an iconic world renowned structure? Is it mentoring a young person and watching him exceed expectations and become a shining star in the industry? Is it doing everything we can to provide for our families? Is it obtaining a PhD? Is it climbing Mt. Everest?

Obviously, each one of us has a different take on what is important to us, and how we would like to be remembered. I challenge us all to take an inventory and really evaluate ourselves and the answers to some of these questions, and once we have those answers, begin to develop a plan to succeed.

It is never too late to start working toward these goals. However, similar to our retirement accounts, if we wait too long to invest, we may not be able to reach our full potential. If you have already been investing, great! If not, start, so that you can maximize your portfolio and really leave some golden nuggets to the next generation. After all, everyone loves gold!

Thank you to all that currently support and volunteer for SENH! If you are interested in becoming more involved or have any questions or concerns, feel free to contact me at [president@senh.org](mailto:president@senh.org) or (603) 647-2012.

### Inside this issue:

President's Letter	1
Committee Updates	2-4
November Meeting Announcement	7
September Meeting Minutes	8-9

### Special Points of Interest/ Reminders:

- *The next meeting is November 9th. See inside for details.*

# SENH COMMITTEE UPDATES

---

Legislative Liaison Submitted by Linda McNair-Perry

I reviewed the 2017 New Hampshire Legislative Service Requests (LSR's) to get started on a list of likely bills SENH members may wish to follow as we start thinking about another legislative session post-election. LSR's tell us the topic of the possible bill, so I searched on some obvious key words – such as **code**, **structure** and **building** – and found that to look ahead, we must look back. These bills are basically the result of failed attempts to find harmony at all the levels of state government last year.

*LSR 2017-0024* **Title:** relative to energy conservation in **building** construction. **Sponsors: (Prime) Carol Roberts**

*LSR 2017-0036* **Title:** relative to installation requirements for arc-fault circuit interrupters and relative to state the **building code** review board. **Sponsors: (Prime) Mark Proulx**

*LSR 2017-0056* **Title:** ratifying changes to the state building **code** adopted by the state building **code** review board and revising the definition of the state building **code**. **Sponsors: (Prime) Carol Roberts**

When *LSR 2017-0056* becomes a bill, it will behoove SENH members to advocate for updating the *i-codes* to the 2015 edition. The energy code provisions and/or misunderstandings relative to those provisions were the primary hiccup last year. I know the current members of the Building Code Review Board are working to better inform the legislators about what is actually in the proposed code updates and to resolve conflicts with outdated energy conservation statutes that are still on the books. (A link to existing RSA 155-D provisions is provided [here](#).) One of the provisions defines *alter* to mean “any change or reconstruction of an existing building the cost of which exceeds 50 percent of the value of the building immediately prior to the alteration”. This conflicts with the current and proposed updates to the *International Energy Conservation Code* that resulted in the need for *LSR 2017-0024*. The resulting bill will be very important to clear the hurdles for all of the *i-code* updates associated with *LSR 2017-0056*.

If you know of a legislature that you think would be friendly to signing on to either of the code update bills, please pass their information on to the bill's sponsor. Although at this point, you will want to wait until after the election, which is just a few weeks away.

In 2016, HB 533 was a very contentious bill that related to exceptions for arc-fault circuit interrupters (AFCI) in residential structures that resulted in many hearings at the NH Building Code Review Board in 2015-2016. That effort at the board level resulted in the approval of an amendment to the 2014 *National Electric Code* that added a limited exception for medical devices that do not function when supplied by a branch circuit protected by AFCI. (The link to the approved amendment language along with the reason and justification is [here](#).) Unsatisfied with the results of that effort by the board, the sponsors of HB 533 attempted to amend the state building code legislatively via changes to the RSAs in order to obtain a broader exception for any appliance causing repeated tripping of an AFCI device on a branch circuit. HB 533 succeeded in getting through both house of the legislature; however, it was vetoed by Governor Hassan and the House did not have the two-thirds votes needed to override. (A link to the bill's 2016 text and history is provided [here](#).) *LSR 2017-0036* serves as an indication that this issue will be back in 2017. Although the link to the practice of structural engineering is non-existent, I elected to put it on the ‘2017 legislation watch list’ because of the phrase “*and relative to state the building code review board*” in the title. Further, based on my previous experience on the state board, I think this is one watch on the periphery.

# **SENH COMMITTEE UPDATES** *Continued From Page 2*

---

## Professional Development Committee Submitted by Josif Bicja, P.E.

- The Bridge Inspection Refresher Training is scheduled from December 6-8, 2016 at NHDOT. If you are interested in this course, please contact Deb Coon ASAP as there are limited seats available and the course is offered on a first come basis.
- The Fracture Critical Inspection Techniques for Steel Training is scheduled from March 21-24, 2017 at NHDOT.

## Code Advisory Committee

- *No updates at this time.*

## Public Relation Committee

- *No updates at this time.*

## Board of Director Nominating Committee

- *No updates at this time.*

## Younger Members Group

- *No updates at this time.*

## Joint Committee of NH Engineering Societies

- *No updates at this time.*

## NCSEA Communications Committee Submitted by Robert Durfee, P.E.,SECB

SENH Delegate: Bob Durfee

SENH Alternate Delegate: Alex Azodi

This Committee is the means by which NCSEA communicates and shares information with its State Member Organizations (MO's). Recent information/data shared by this Committee include:

NCSEA Member Portal Use & Instructions

Delegate & Alternate Delegate attended the NCSEA Annual Summit

Delegates (Member Organizations) collaborative Session held at Annual Summit

Outreach from NCSEA Advocacy Committee to assist this Committee

# SENH COMMITTEE UPDATES *Continued From Page 3*

---

## Nomination Committee Submitted by Robert Durfee, P.E.,SECB

Chair: Bob Durfee  
Co-Chair: Sean James  
Board Liaison: Adam Stockin

The Nomination Committee is currently considering SENH nominations for the **Engineer of the Year** and **Young Engineer of the Year** Awards. If you know of a member the Committee should consider, contact Bob or Sean **by October 31<sup>st</sup>**. Reminder: Rules for Nominations are that the candidate must never know they are being considered and must be nominated without the candidate's knowledge. Please use discretion and privacy when communicating with the Nomination Committee.

## Ad-Hoc Awards Committee Submitted by Robert Durfee, P.E.,SECB

Chair: Bob Durfee  
Co-Chair: Bob Champaign  
Fred Emanuel  
Josif Bicja

The Board of Directors has established and authorized this ad-hoc committee to develop an **Excellence in Engineering Awards Program**. This program will identify and recognize outstanding structural engineering projects specifically designed by our Members and/or constructed in our State. An annual Awards Program and Ceremony will be established. The Committee will research Awards programs by other SEA's and **develop a program specifically for SENH**. The Committee is seeking additional members before starting its work. First meeting of this Committee (Skype meeting) will be in mid-October. **If you are interested in joining this Committee, contact Bob or Bob.**

## NHTI

- *No updates at this time.*

## SEI Delegate

- *No updates at this time.*

## UNH

- *No updates at this time.*

# NCSEA 2016 Annual Summit

---

Delegate Bob Durfee and Associate Delegate Alex Azodi represented SENH at the annual NCSEA Structural Summit that was held this year in Orlando, FL at the Disney Contemporary Resort/Conference Center from September 14<sup>th</sup> to September 17<sup>th</sup>. Member Peter Griem was also present at the summit to attend Committee meetings that he serves on. Member Fred Emanuel attended the summit as an individual engineer.

Committee meetings were held on Wednesday, 9/14. Bob attended Advocacy Committee: Students & Educators Subcommittee, Alex attended Code Advisory Committee: General Engineering Subcommittee and Peter attended Code Advisory Committee: Seismic Provisions Subcommittee.

Thursday & Friday, 9/15 to 9/16 offered two tracks of presentations on topics of interest to structural engineers. Presentations covered a wide range of subject matter including business, management, structural design and retrofit, Delegate Interaction and member organization work groups.

Saturday 9/17 was the annual business meeting attended by the Delegates. Thirty nine (39) of the forty two (42) member organizations were represented at the Summit.

Delegates Durfee and Azodi will meet with the Board of Directors and give an overview of what is happening on the National Level with Structural Engineering, present information brought back from the Conference that can aid in improving SENH functions and services, and prepare a written report on the Conference to be posted on the SENH website.

## PayPal is Here!

---

Members now have two options to register and pay for meetings. The traditional way, by emailing Deb Coon at [dcoon@hoyletanner.com](mailto:dcoon@hoyletanner.com) and forwarding a check or via our website using PayPal. To use the PayPal method go to our website [www.senh.org](http://www.senh.org) and click on "Members" and then "Meeting Calendar". There will also be a link in the meeting announcement .

# International Code Council Update

Excerpt from the *Significant Changes to the International Building Code, 2015 edition*

## 1603.1.3 Roof Snow Load Data

**CHANGE TYPE:** Modification

**CHANGE SUMMARY:** Two additional items related to snow load drifting are now required to be identified on the construction documents.

**2015 CODE: 1603.1.3 Roof Snow Load Data.** The ground snow load,  $P_g$ , shall be indicated. In areas where the ground snow load,  $P_g$ , exceeds 10 pounds per square foot (psf) (0.479 kN/m<sup>2</sup>), the following additional information shall also be provided, regardless of whether snow loads govern the design of the roof:

1. Flat-roof snow load,  $P_f$ .
2. Snow exposure factor,  $C_e$ .
3. Snow load importance factor,  $I$ .
4. Thermal factor,  $C_t$ .
5. Drift surcharge loads,  $p_d$ , where the sum of  $p_d$  and  $P_f$  exceeds 20 psf (0.96 kN/m<sup>2</sup>).
6. Width of snow drift(s),  $w$ .

**CHANGE SIGNIFICANCE:** Section 1603 requires specific structural-related information to be shown on the construction documents. Section 107 contains administrative provisions for submittal of documents that include construction documents as defined in Section 202. Including design assumptions and loading information on construction drawings is valuable to the owners and engineers who are tasked with evaluating or reevaluating existing structures. The two additional items pertaining to snow drifts supplement the snow load information already required and clarify how the registered design professional interpreted the design requirements related to snow drifting. In addition to other criteria, Section 1603 now requires snow drift surcharge and drift width to be indicated on the construction documents where applicable.



Photo Courtesy of Peter Kulczyk

*This excerpt is from the Significant Changes to the International Building Code, authored by John Henry, PE, Jay Woodward and Doug Thornburg, AIA. The book is available at [shop.iccsafe.org](http://shop.iccsafe.org).*



# SENH NOVEMBER MEETING ANNOUNCEMENT

---

**NEXT MEETING:** Wednesday, November 9, 2016

**STRUCTURAL STEEL FABRICATION PLANT TOUR**—Canam-Bridges, a division of Canam Steel Corporation is hosting a fabrication plant tour from 3:00 PM to 5:00 PM at the Claremont Plant. Canam-Bridges specializes in the manufacturing of steel structures for highway and railway bridges. A representative from Canam- Bridges will be on hand to discuss how their steel service center fits into the project delivery system. Attendees are responsible for bringing and wearing proper footwear, safety vests, hard hats, and safety glasses.

This is your chance to see how structural steel is fabricated and how our industry partners can benefit you and your projects.

After the plant tour please join us at The Common Man Claremont Restaurant for a question and answer session and dinner.

**About the host:** Canam-Bridges is an AISC Certified Fabricator and has been in Claremont since 2007 when it acquired Eastern Bridge.

**DIRECTIONS:** 386 River Rd, Claremont, NH 03743. Parking instructions will be sent to all attendees prior to the meeting.

**AGENDA:** 3:00 PM - 5:00 PM Plant Tour  
5:15 PM - 6:00 PM Question and Answer Session  
6:00 PM - 7:00 PM Dinner  
7:00 PM – 7:15 PM Business Meeting

**DINNER:** Buffet with choice of oven roasted Atlantic Salmon or New York Sirloin roasted and thinly sliced with garden and pasta salads and herb roasted red bliss potatoes.

**COST:** SENH Member: \$55.00 Non-Member: \$60.00 Full Time Student: \$15.00 - 'no-shows' will be billed at full amount.

**RSVP:** by Tuesday, November 1, 2016. There will be a \$5.00 late fee for anyone wishing to RSVP past this date.

Pay on line using PayPal at <http://www.senh.org/meeting-calendar> or send check payable to "Structural Engineers of New Hampshire" with list of attendees to:

Hoyle, Tanner & Associates, Inc.  
Attn. Deb Coon  
150 Dow Street  
Manchester, NH 03101  
[dcoon@hoyletanner.com](mailto:dcoon@hoyletanner.com)

**NOTE:** 2.0 PDHs have been assigned for attendance to this program. Attendees are responsible for ensuring their check-in on the attendance list upon arrival at the meeting.

# September Attendance List & Meeting Minutes

Foundation and Structural Design of the New NY Bridge by Michael Martello, P.E. & Robert Palermo, P.E.  
The Puritan Backroom, Manchester, NH (2.0 PDH's)  
September 27, 2016

Name		Organization	Name		Organization
Mirsad	Alihodzic	GZA GeoEnvironmental, Inc	Neil	Helberg	Lewis Engineering, PLLC
Shwket	Alnakkosh		Jay	Hodkinson	
Wesley	Anderson	City of Laconia, NH	Kenny	Howe	CHA
Kimberly	Armstrong	Greenman-Pedersen, Inc.	Sean	James	Hoyle, Tanner & Associates, Inc.
Alex	Azodi	Omega Structural Engineers, PLLC	Logan	Johnson	Geosyntec Inc.
Shannon	Beaumont, P. E.	CLD Consulting Engineers	Kathleen	Jones	UNH Facilities Project Mngmnt
Alex	Bell	Loureiro Engineering Associates, Inc.	Jeffrey	Karam	Evergreen Structural Engineering
Cameron	Bellisile	DuBois & King Inc.	Eric	Kizak	SFC Engineering Partnership, Inc.
Jeff	Benway	SFC Engineering Partnership, Inc.	Natalia	Kulchitskaya	Natalia Kulchitskaya
Josif	Bicja	Hoyle, Tanner & Associates, Inc.	Aaron	Lachance	Hoyle, Tanner & Associates, Inc.
Don	Blanchard		Tom	Lamb	TFMoran, Inc.
Gertrude	Blanchard		Stephen	Langevin	Greenman-Pedersen, Inc.
Stephen	Boyington	Parsons Brinckerhoff	Paul	Lefebvre	HDR
Theodore	Brackett	Design Group Facility Solutions, Inc.	Ian	Lindberg	Student
Ron	Breton	GZA GeoEnvironmental, Inc	Josh	Lund	McFarland-Johnson, Inc.
Jay	Brown	Structural Systems, Inc.	James	Macpherson	VHB
Todd	Buck	SNC-Lavalin	Ben	Martin	CHA
Robert S.	Busby	Kalwall Corporation	Paul	Metcalf	NHDOT Construction Bureau
Marco	Buyson, P.E.	HDR	Wally	Mosher	Collins Engineers
John	Byatt, P. E.	CLD Consulting Engineers	Michael	Mozer	HDR
Timothy	Cady	Charter Contracting Company, LLC	Matt	Mullen	TFMoran, Inc.
Nick	Caron, P. E.	CLD Consulting Engineers	Jonathan	Nadeau	TFMoran, Inc.
Lauren	Chervinsky	VHB	Matt	O'Brien	McFarland-Johnson, Inc.
Gregory	Clauson	Collins Engineers	Eric	Ohanian	DuBois & King, Inc.
Chuck	Corliss	NHDES Oil Compliance Bureau	Theresa	O'Riorden	U.S. Bridge
Collin	Costello	Greenman-Pedersen, Inc.	Robert	Palermo, P.E.	GZA GeoEnvironmental, Inc.
Nathan	Cote	S. W. Cole Engineering	Brian	Patinskas	McFarland-Johnson, Inc.
Normand	Cote	NGC Structural LLC	Cassandra	Pepler	
Scott	Coulombe	Summit Metal Fabricators	Paul	Pepler	GZA GeoEnvironmental, Inc
Steven	Croce	NH Dept. of Environmental Services	Eric	Picard	TFMoran, Inc.
John	Cuddihee	Terracon Consultants	Rich	Porter	Engineered Foundation Tech
Edward	Decelle	Structural Systems, Inc.	Anthony	Puntin	BETA Group
Steve	Delia	McFarland-Johnson, Inc.	Michael	Redding	Loureiro Engineering Associates, Inc.
Joaquin	Denoya	TFMoran, Inc.	Josh	Reilly	Structural Systems, Inc.
Marisa	DiBiaso	Hoyle, Tanner & Assoc.	Dorothy	Richter	HAGER-RICHTER GEOSCIENCE, INC.
Sarah	Dinwoodie	DuBois & King	Joseph	Ripley	Hoyle, Tanner & Associates, Inc.
Keith	Donington	PB	Harrison	Roakes	Sanborn Head
Bob	Durfee	Dubois & King, Inc.	Richard	Rouleau	UNH Facilities Project Mngmnt
Kyle	D'Urso	VHB	Paul	Sbacchi	TFMoran, Inc.
Fred	Emanuel	Emanuel Engineering Inc.	Jillian	Semprini	Hoyle, Tanner & Associates, Inc.
James	Errico	GZA	Michael	Sievert	MJS Engineering, P.C.
Joel	Fisher	Fisher Engineering, PC	Harry	Stewart	Normandeau Associates
Thomas	French	HDR Engineering, Inc	Adam	Stockin	Parsons Brinckerhoff
Jaime	French, P. E.	CLD Consulting Engineers	John	Stockton	Stantec
David	Gates	CLD Consulting Engineers	Michael	Summerlin	NH DES
Rebekah	Gaudreau	Parsons Brinckerhoff	Jay	Sweet	Design Group Facility Solutions, Inc.
Mark	Gershman	BETA Group, Inc.	Roger	Thibodeau, P.E.	Twin State Engineering
Derek	Gilbert	Design Group Facility Solutions, Inc.	Ben	Tirey	Structural Engineering Consultant
Anna	Giraldi, P. E.	CLD Consulting Engineers	Jeffrey	Tirey, P.E.	Tirey & Associates, PC
Nevin	Gomez	WSP   Parsons Brinckerhoff	Thalia	Valkanos	GZA GeoEnvironmental, Inc
Chuck	Gregory	HDR	Drew	Vardakis	Amec Foster Wheeler
Marc	Grenier	RW Gillespie & Associates, Inc.	Rob	Vida	TFMoran, Inc.
Sally	Gunn	NHDOT Highway Design	Edward	Weingartner	Hoyle, Tanner & Associates, Inc.
Jim	Hall	McFarland-Johnson, Inc.	Dan	White	McFarland-Johnson, Inc.
Kayla	Hampe	Hoyle, Tanner & Associates, Inc.	Sam	White	McFarland-Johnson, Inc.
Robert	Hartford	Kalwall Corp.	Ross	Wood	Hoyle, Tanner & Associates, Inc.



# September Meeting Minutes *Continued from Page 8*

---

## Business Portion of the Meeting

---

- SENH President Adam Stockin opened the SENH business portion of the meeting.
- Adam updated the following items:
  - ◇ The annual Young members group kickball game between SENH and ASCE went well. The final score was 12-0 SENH.
  - ◇ November 9th will be SENH tour at Canam Steel in Claremont, NH
  - ◇ October 6<sup>th</sup> Sarah Long Bridge Tour for the Young Members Group
  - ◇ October 13<sup>th</sup> will be the Joint Engineers Society Conference.
  - ◇ NHI Bridge inspection program will be December 6<sup>th</sup> through 8<sup>th</sup>. 15 seats are available.
  - ◇ The Young members group received a grant for \$3,000. Funds will be used towards SE review course and Habitat for Humanity project.
  - ◇ The AD HOC committee for SE licensure in New Hampshire needs volunteers. Contact any of the board members if interested.
  - ◇ A project awards committee is being put together. Volunteers are needed.
- Josif Bicja introduced the technical presentation.

---

## Presentation

---

### Foundation and Structural Design of the New NY Bridge by Marko Buyson, PE (HDR) and Robert Palermo, PE (GZA)

Robert Palermo began the presentation with an overall review of the project and then provided a summary of the geotechnical design including how some of the many challenges were handled. The original Tappan Zee Bridge is being replaced and will be called the New New York Bridge. The bridge is located approximately 25 miles north of New York City and runs between South Nyack on the west side of the Hudson river and Tarrytown on the east side. The design/build project will cost \$3.14 Billion and will be constructed over a 5 year period, scheduled to be completed in 2018. The project includes two independent bridges (3.1 miles each) and have been designed to support future train load. The bridges are supported on a mixture of spread footings, friction piles and end bearing piles. In all, the foundations include over 80,000 tons of steel piles which would be over 50 miles long.

Marco presented the structural engineering portion of the project. The bridge was design with 350 girders for the 5-span bridge. The girders were 12ft high with sub-stringers to allow their standard pre-cast deck panels. The approach piers were designed with cast in place columns on pre-cast pier caps. Multiple models were analyzed and compared to ensure accurate results. Questions were taken and answered by the speakers.


# Our Sponsors



**CONSULTING ENGINEERS**  
Since 1962


[www.dubois-king.com](http://www.dubois-king.com)  
BEDFORD 603-637-1043  
LACONIA 603-524-1166

Bridges Civil/Site  
Dams Water/Sewer  
Airports Facilities



FRED EMANUEL, P.E.  
PRESIDENT

118 PORTSMOUTH AVENUE, A202  
STRATHAM, NH 03885  
P: 603-772-4400 C: 603-944-2624  
✉ [FEMANUEL@EMANUELENGINEERING.COM](mailto:FEMANUEL@EMANUELENGINEERING.COM)



**ENGINEERING, P.C.**  
CIVIL • STRUCTURAL • ENVIRONMENTAL

NEWMARKET, NH 03857  
PHONE: (603) 659-4979

# Employment Opportunities



**BRIDGE ENGINEERS**

Hoyle, Tanner & Associates motivated staff of nearly 100 engineers, planners, technicians, inspectors and support personnel is ever evolving and adapting to meet the constantly changing needs of our clients and communities. We are currently seeking the following professionals:

**SENIOR BRIDGE ENGINEER:** Hoyle, Tanner is seeking a professional engineer with eight to fifteen years of experience to join our team in Manchester, NH, Portsmouth, NH or Brunswick, ME. Responsibilities include design and inspections of New England transportation agency and municipal bridge projects including construction inspection and administration as well as client interaction and business development. Successful candidate will possess a BSCE degree (Masters preferred) and P.E. registration. N.B.S. certification a plus. (Career Code STJ20316)

**BRIDGE ENGINEER LEVEL I:** Hoyle, Tanner & Associates, Inc. is seeking a self-motivated team player with up to four years of bridge and structural engineering experience to join our growing bridge and structures design and inspection group in Manchester or Portsmouth, NH. Responsibilities include design of State agency and municipal bridge projects including construction inspection and administration. Successful candidate will possess a BSCE degree (Masters preferred) and EIT registration or ability to obtain. (Career Code STJ10916)

If you are interested in joining our team please send resume and cover letter citing career code to: HOYLE, TANNER & ASSOCIATES, INC., 150 Dow Street, Manchester, NH 03101 or via e-mail to [jhann@hoyletanner.com](mailto:jhann@hoyletanner.com) or by visiting us at [www.hoyletanner.com](http://www.hoyletanner.com).

WE ARE AN EQUAL OPPORTUNITY EMPLOYER



Traffic Engineers  
Land Surveyors  
Landscape Architects  
Scientists




**STRUCTURAL ENGINEER (Bedford or Portsmouth, NH)**

TFM Moran Inc. is currently seeking a motivated individual to fill a full-time structural design position. The designer will be asked to perform structural design, drafting and construction administrative tasks for both commercial and residential building structures.

Candidates should have 4+ years of experience with EIT certification or PE license and BS degree in Civil Engineering. Candidates should be familiar with the structural design of building structures constructed of steel, concrete, timber and masonry in the New England area. Proficiency using Microsoft office applications, AutoDesk AutoCAD, Autodesk REVIT, RISA 3D, RAM Structural System, Enercalc, and other structural engineering software is preferred.

Hoyle, Tanner is currently seeking a Mid-Level Structural Engineer with 4 to 8 years of project management and/or construction related experience. Our team in Portsmouth provides services to architects, builders, and municipalities on commercial, municipal, educational, recreational, industrial, and medical facilities projects throughout the Northeast, Florida, and USVI. Successful candidate will be responsible for full design and constant client contact. Must have strong Revit and AutoCAD skills with the ability to manage projects independently or with very limited supervision. BSCE and New Hampshire PE preferred.

At Hoyle, Tanner we pride ourselves on providing the type of service that will be remembered as exceptional. Our corporate culture honors and values the individuality and strengths of our team members and we are always looking for motivated professionals who share our vision for our staff and our commitment to our clients and the communities in which we work and live.

Please send resume citing career code WRD10816 to [jhann@hoyletanner.com](mailto:jhann@hoyletanner.com) or mail to HOYLE, TANNER & ASSOCIATES, INC., 150 Dow Street, Manchester, NH 03101. Visit [www.hoyletanner.com](http://www.hoyletanner.com) to learn more about us and the exciting career opportunities waiting for you.



AN EQUAL OPPORTUNITY EMPLOYER



**P.O. BOX 226  
MANCHESTER, NH 03105-0226**

**WWW.SENH.ORG**



Member of

### **Board of Directors**

President	Adam Stockin, P.E.
Vice President	Thomas French, P.E.
Secretary	Christopher Fournier, P.E.
Treasurer	Robert Champagne, P.E., LEED
Director at Large	Paul Sbacchi, P.E.