



Granite Columns



President's Letter



Dear Members, Colleagues and Sponsors,

Happy Holidays and New Year to everyone! I hope 2021 was successful and rewarding for all of you. This time of the year can be busy for most of us with project schedules/deadlines and getting projects out of the door for contractors' bidding and I imagine some of us probably worked hard to press through deadlines during the holiday season. I am sure our clients appreciate our dedication, hard work and passion we all bring to every project. I hope that everyone also took some time off from work and spent time with family and friends and had great holidays. I am very excited for the new opportunities that 2022 brings and also hopeful that science will prevail and defeat the Covid19 pandemic.

On behalf of the Board of Directors it is with enormous pleasure that I announce that Mr. Robert H. Durfee, PE, SECB was awarded by the National Council of Structural Engineers Association (NCSEA) the 2021 Robert Cornforth Award. This award is presented to an individual *for exceptional dedication and exemplary service to a member organization and to the profession*. The prestigious award is named for Robert Cornforth, a founding member of NCSEA and treasurer on its first Board of Directors and will be presented to Bob at the NCSEA Awards Celebration taking place at the Structural Engineering Summit in New York on February 16, 2022. I cannot think of another engineer more deserving of this award than Bob. I have personally known Bob for 18 years and I have been quite impressed with his numerous accomplishments from being one of the founding members of SENH, to earning the 2008 Engineer of the Year Award, to winning two SENH discretionary awards, to winning numerous awards on projects he has managed. His leadership and advice have been crucial at SENH's success over the years. He has volunteered countless hours to promote the structural engineering profession and betterment of SENH. I am personally grateful that SENH membership has leaders like Bob and very appreciative of his efforts and dedication to our profession. Bob and I both share the same passion for historic covered bridges and often find ourselves talking about these beautiful structures and our recent experiences rehabilitating them. Early in my career when Bob hired me as an Entry Level Structural Engineer, he introduced me to SENH and volunteering for Laconia High School seniors for their egg drop project from the 7th floor of a local hotel building. Under his advice and encouragement, I also recall volunteering and visiting local high schools' guidance counselors and hanging structural engineering posters in their offices. Bob has made quite a positive difference to my professional career, he is great mentor, and I am extremely happy that he is being recognized by NCSEA for his leadership, dedication, and contribution for the Structural Engineering profession. Please join me on congratulating Bob for this prestigious award and his contributions that have positively affected us and will continue to make a positive impact to future generations. Congratulations Bob, we all are proud of your accomplishments and for everything you have done and continue to do for SENH!

Please see the meeting announcement section of the newsletter for the January meeting and do not forget to sign up. I personally miss the in-person meetings and hope that in the near future we will be able to safely meet in-person. The past year or so we have not provided many opportunities to socialize during our regularly scheduled meetings. At our next meeting we will try something different and have groups of 4 to 5 people join breakout rooms at the end of the presentations and provide an opportunity for all of us to chat and socialize. If these breakout rooms are successful maybe in the near future we can also offer virtual beverages. All joking aside, I am ZOOM-ed out and cannot wait to return to in-person meetings!

As previously mentioned, we are in the process of updating our website and would love to update our project photos. Each member firm will be allowed to submit two project photos that we will post to our website and will rotate them on a set schedule, should we receive more photos than we can post at the same time.

Lastly, I encourage all of you to participate and volunteer if you can, either for SENH or your local community to help others in need and most importantly elevate our profession. If you would like to participate on any of our committees, please feel free to reach out to me directly at (603) 460-5147 or President@senh.org. Thank you and wishing you a prosperous and healthy 2022!

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Special Points of Interest/ Reminders:

- *Mark you calendars! The next meeting is scheduled for January 26th—See inside for details!*
- *Call for Entries for the 2022 Excellence in Structural Engineering Program are in this newsletter edition!*
- *Dues Renewals are due February 15th!*
- *Women's Transportation Seminar & SENH have teamed up for a ski outing! Turn to page 13 to find out how to sign up to attend!*



Congratulations to the 2021 NCSEA Special Awards Honorees

The NCSEA Special Awards are bestowed on individuals who exemplify outstanding service and commitment to the association and to the structural engineering field. These dedicated servants, committed volunteers, and industry leaders will be recognized and applauded at the Awards Celebration on Wednesday, February 16, at the NCSEA Structural Engineering Summit. Join us in celebrating this year's honorees!

Susan M. Frey NCSEA Educator Award

This award, established to honor the memory of Sue Frey, one of NCSEA's finest educators, is presented to an individual who has a genuine interest in, and extraordinary talent for, effective instruction of practicing structural engineers.



Michelle Kam-Biron, P.E., S.E., is a California licensed SE and has extensively provided education nationally and internationally on conventional wood and mass timber construction. Ms. Kam-Biron brings a unique skill set to her presentations with a background consisting of over 25 years as a practicing structural engineer and plan check reviewer, an influencer and educator with WoodWorks and American Wood Council, and her current position as a Mass Timber Specialist at Structurlam Mass Timber Corporation.

She is a Past-President of SEAOSC and was recently inducted into the SEAOC College of Fellows. She serves on several committees such as NCSEA Basic Education and ICC Professional Development Council Education, and she is Past-Chair of ASCE-SEI Wood Education and SEAOSC Foundation and Women in Structural Engineering.

Robert Cornforth Award

This award is presented to an individual for exceptional dedication and exemplary service to a member organization and to the profession. The award is named for Robert Cornforth, a founding member of NCSEA and treasurer on its first Board of Directors, and a member of OSEA.



Robert H. Durfee, P.E., SECB, is a Structural Engineer, Vice President, and Chief Bridge Engineer at DuBois & King in the firm's Gilford, NH office. His practice focuses on the design of bridge rehabilitation and replacement. His specialty is the restoration of historic covered bridges.

In 1994, Mr. Durfee helped found Structural Engineers of New Hampshire (SENH) and served on its Board of Directors as Secretary (1994-1997) and as President (1998-2000). He has served on several committees, including: Nominations, Structural Engineering Awards, Scholarship Award, NCSEA NH Annual Conference, and Public Relations. He has served as the SENH Delegate to the Annual Conference/Annual Summit since 1998.

Mr. Durfee is a founder of the Northeast Coalition of Structural Engineers Associations (NECSEA), serving as the SENH representative from 2001-2020. He serves on the NH Engineer/Young Engineer of the Year Awards Committee Jury.

James Delahay Award

This award is presented at the recommendation of the NCSEA Code Advisory Committee, to recognize outstanding individual contributions towards the development of building codes and standards. It is given in the spirit of its namesake, a person who made a long and lasting contribution to the code development process.



Ramon Gilsanz, P.E., S.E., FSEI, FASCE, Hon. AIA NY, is a founding Partner of Gilsanz Murray Steficek. In his 40-year career as a structural engineer, he has worked on a wide range of new construction and renovation projects, and volunteered across the world to help communities in need. Ramon has participated in six post-earthquake investigative teams, hurricane

Sandy recovery efforts, and led the WTC7 collapse analysis on the national ASCE-FEMA building performance assessment team.

Additionally, Ramon actively contributes to the industry through several professional societies and committees including ASCE 7-16 and ASCE 7-22, American Concrete Institute (ACI), and the AISC committee on specifications. Ramon served on the NYC Department of Buildings' Structural Technical Committee in 2008 and was Chair in 2014 and 2021, revising the NYC Building Code. He is also the Chair for the NYC Existing Buildings Code Development Structural Technical committee, whose building code is forthcoming.

NCSEA Service Award

This award is presented to an individual who has worked for the betterment of NCSEA, member organizations, and the profession, to a degree that is beyond the norm of volunteerism.



Thomas DiBlasi, P.E., SECB, is the President of DiBlasi Associates, P.C., in Monroe, CT. He is a Past-President of NCSEA where he currently chairs the Code Advisory Committee and also serves on the Wind Engineering Subcommittee. He also served on the NCSEA Continuing Education Committee as well as the ad-hoc committee that developed the NCSEA Model Code

of Ethics. He has been a director of NCSEA Media since its inception. He is Past-President of the Structural Engineers Association of Connecticut (SEACConn) where he chairs the Code Advisory Committee and the Peer Review Committee. He also serves as the structural engineering representative to the Codes & Standards Committee of the State of Connecticut.

Excellence in Structural Engineering Awards Committee

submitted by Robert Durfee, P.E.

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

This committee is happy to announce the sixth (2022) annual SENH **Excellence in Structural Engineering Awards Program**. This program identifies and recognizes outstanding structural engineering projects specifically designed by our Members and/or constructed in our State.

The Committee has issued the **Call for Entries**, which is included in this newsletter. Deadline for project submissions is March 4, 2022. Award winners will be announced during the Awards Ceremony to be held during the May 2022 meeting.

Detailed information on the Awards Program, entry requirements, etc. is posted on the SENH website. Go to: Members/Excellence in Structural Engineering.

The SENH Board may consider and select one award winning project from the SENH Awards program in May, to sponsor project submission to the NCSEA Excellence in Structural Engineering Awards Program. If the board decides to advance a project to NCSEA, SENH will pay the project entry fee. See details on the SENH website.

Enter one or more projects in the awards Program and be recognized for your outstanding Structural Engineering Achievements!!!!



2022 SENH EXCELLENCE IN STRUCTURAL ENGINEERING AWARDS

CALL FOR ENTRIES

Structural Engineers of New Hampshire (SENH) announces the Call for Entries for the 2022 SENH Excellence in Structural Engineering Awards Program. The purpose of the program is to recognize creative achievement and innovation in structural engineering by SENH Members.

ELIGIBILITY

Entry must be submitted by a licensed Professional Engineer (P.E.) and Member of SENH whose practice or activity is primarily in the field of structural engineering. Projects must have majority of the structural design performed by SENH Members (50%). Project entry must have been completed, constructed and achieved substantial completion between December 31, 2019 and March 1, 2022.

CATEGORIES OF AWARDS

Awards will be presented in three project categories:

- Buildings: Commercial, industrial, institutional, public, or residential building.
- Bridge and Transportation Structures: Vehicle, Railroad, or Pedestrian Bridge. Other transportation Structures.
- Special Structures: Towers, dams, parking garages, marine structures, signs, specialty structures, unique structures.
- A Small firm Project Award may also be presented for an eligible project at the discretion of the Jury.

One entry in each category will be chosen to receive the SENH Excellence in Structural Engineering Award. Non-winning projects from last year's program (2021) may be re-submitted (one-time resubmittal only), if all eligibility requirements are met.

SUBMISSION OF ENTRIES

Visit the SENH website (www.senh.org/members/excellence) for program information, entry form, entry requirements, project eligibility requirements, and other criteria.

DEADLINE FOR ENTRIES

All entries must be either emailed (limit file size to 20 MB), or mailed to the SENH office by 6:00 p.m. EST on Friday, March 4, 2022.

PRESENTATION OF AWARDS

The awards winners will be announced and the awards will be presented at a ceremony during the SENH May, 2022 meeting and be featured in the next issue (August 2022) of the SENH newsletter and be posted on the website.



2022 SENH EXCELLENCE IN STRUCTURAL ENGINEERING AWARDS

JUDGING CRITERIA

Jurors

A minimum of three jurors are selected to make up the Jury of Awards. The Board of Directors will appoint a Chairman/Juror and two other jurors to the Jury. Jurors should be well respected and qualified structural engineers and be licensed P.E.'s in New Hampshire. A juror should not have a conflict of interest with any of the Projects entered.

Tabulation of Entries

After the awards submission deadline the SENH Administrator will tabulate and organize the entries into their respective categories. In each category, the entries will be numbered. The entries will be listed on a spreadsheet showing the key information about each entry. This is just for record keeping and has no role in the judging process. The Administrator will forward the summary spreadsheet, project submissions, and scoring forms to each Juror.

Judging

The Chairman of the Jury will call for, schedule and arrange a meeting of the Jury. Time, place and means to hold the meeting (face to face, skype, teleconference, etc.) is at the discretion of the Chairman.

The judging process takes place in one day, as soon as practical after the entry closing date, and after each Juror has been given the summary spreadsheet, project submissions, and scoring forms. The goal is to have the judging process completed in one meeting.

Jurors will judge the submittals on the merits of their conformance to the required judging attributes and avoid high marks for submittals based on the "glamour factor", or the quality of their photographs. Jurors will avoid awarding mediocre project submissions. Jurors will judge excellence in structural engineering, not architecture, or spectacle.

The entries should be judged on the following criteria:

- Creativity of structural design
- Complexity of criteria or unique problems
- Innovative application of new or existing materials or techniques
- Ingenuity of design for efficient use of materials and labor
- Suitability of the structure for its environment

Scoring forms will be provided to the jurors. The forms will show the entry Project Name and have a place for the jurors to enter their score and comments for each of the criteria. Each juror will review each submittal and determine their score for each project. It is suggested that the jurors read several of the submittals before starting to score them. It takes a review of a few submittals to develop a feel for how to score them. If the jurors have a different relative score for the same quality level but are consistent, the difference between jurors should be irrelevant. Jurors should complete scoring forms in advance of the Jury Meeting.

The Chairman will go over each project in the category with the Jury. Each juror shares their scoring form and will rank their selections for each category. The jurors will then discuss their rankings and decide as a group which projects should be selected for awards.

There is normally one award given in each of the three (3) categories. Jurors have the discretion to:

- Award more awards or no awards in a specific category based on the strength of the submissions.
- Not be required or obligated to make an award in any category based on only having one submission in a category
- Not be required or obligated to make an award in a category based on having no submissions in that category
- Not be required or obligated to make an award for “mediocre” projects submitted.
- Consider a project entered in one category for judging and award in another category.
- Consider making a fourth (4) award for Small Firm Project Award but not be obligated to make this award.

Jurors tally sheets and scoring forms will be kept until the awards are presented in case there is some need to refer to them.

Awards Presentation

The Chairman of the Jury will inform the SENH President and SENH Administrator of the winners/awards to be presented.

The SENH Administrator will arrange for appropriate plaques for the winners. Awards are announced and presented at the SENH annual meeting in May. Awards are presented by the SENH President. A brief summary of each project is included in the presentation. Photos are taken of each award winner receiving the award from the SENH President. Award winners are posted on the SENH Website and the August SENH Newsletter.

NCSEA Awards Program

The SENH Board of Directors, at their discretion, may select one (1) of the projects receiving an SENH Award, be advanced (entered) into the NCSEA Excellence in Structural Engineering Awards Program. The Board will evaluate each of the three (3) or four (4) project awards after the May program and determine if one of the projects rises to the level of national competition with NCSEA. If the Board decides to advance one (1) SENH Project Award to NCSEA (with agreement by the Award winner). SENH will support the project entry to NCSEA and pay the entry fee (\$395).



2022 SENH EXCELLENCE IN STRUCTURAL ENGINEERING AWARDS

ENTRY REQUIREMENTS

Project entries must meet the following eligibility requirements:

- Designed by a SENH member firm with the majority of the structural design performed by SENH members/associate member (50% minimum).
- Applicant must be an SENH member and NH registered Professional Engineer (P.E.) with practice primarily in the field of structural engineering.
- Projects may be constructed anywhere in the world, however, preference in judging will be given to projects constructed in New Hampshire.
- Eligible projects must be substantially complete between December 31, 2019 and March 1, 2022.
- Non-winning submittals from previous year awards program may be resubmitted (one-time resubmittal only) assuming all project eligibility requirements are still met.
- SENH member firms may submit in any or all categories (Buildings, Bridges and Transportation Structures or Special Structures). Limited to one project submission per category.
- On-time submittal of project entry form required and fee. Late submissions will not be accepted.
- Small Firm eligibility criteria: Firm with Ten (10) or less full-time employees, all disciplines, firm wide.

Submit each project in one of three categories:

- Buildings: Commercial, industrial, institutional, public, or residential building.
- Bridge and Transportation Structures: Vehicle, Railroad or Pedestrian Bridge. Other transportation Structures.
- Special Structures: Towers, dams, parking garages, marine structures, signs, specialty structures, unique structures.

Project entries must include the following material:

- Completed SENH entry form with the \$50 entry fee. Make check payable to SENH.
- A description of the entry outlining the significant aspects of the entry and their relationship to the relevant judging criteria (800 words maximum, provide an electronic pdf file).
- Photographs during construction and of the completed structure (minimum of 4 and not more than 8, 8 in. by 10 in. maximum, provide .jpg files)
- Plans or sketches may be included (not more than two pages total, 11 in. by 17 in. maximum)

Once the judging is complete, the winners of each category will be announced at the May annual meeting. All firms that have submitted entries must bring one poster (24"x36") of the project entry with easel for display at the awards ceremony. Credits must be noted for all photographs. Representatives of the firms submitting entries must be present in order to receive the award.

Submit electronic submissions (preferred) or hard copy by 6:00 pm EST on Friday, March 4, 2022, to the following address:

- E-mail: admin@senh.org (Please limit e-mail submissions to 20 MB or less in size)
- SENH Administrator, PO BOX 226, Manchester, NH 03105-0226

The \$50 entry fee shall be submitted (mailed) to: SENH Administrator, P.O. Box 226, Manchester, NH 03105-0226.



2022 SENH EXCELLENCE IN STRUCTURAL ENGINEERING AWARDS

ENTRY FORM

Project Category (check one):

- Buildings
- Bridge and Transportation Structures
- Special Structures

Small Firm Project Award Eligible Yes No (see entry requirements)

Is this Project a Re-entry from the 2020 Awards Program Yes No

Approximate construction cost of project submitted:

Name of Project:

Location of Project:

Date construction substantially completed (Month/Year):

Structural Design Firm:

General Contractor:

By signing, signatory agrees to the following and represents that he or she is authorized to sign for the structural design firm of record:

All entries become the property of SENH and will not be returned. The signatory certifies that SENH members have completed 50% or more of the structural design of the project. A firm representative must be present at the awards ceremony in order to win the award.

Submitted by: _____

Name

PE Number

Signature

Date

Submitting Firm: _____

Mailing address: _____

E-mail: _____ Telephone: _____

Entry Fee is \$50. Please make check payable to SENH and send to: SENH Administrator, P.O. Box 226, Manchester, NH 03105-0226.



2022 SENH EXCELLENCE IN STRUCTURAL ENGINEERING AWARDS

SCHEDULE OF EVENTS

<u>Item:</u>	<u>Date:</u>
Awards Program Announced (in January Newsletter)	December 2021
Awards Program Announce (at January Meeting)	January 26 th
Project Award Entry Form Due	March 4 th
Board of Directors Appoints Jury	March 16 th
Jury Meets, completes Award Selection	March 21 st to April 14 th
Awards (plaques) ordered from Trophy Firm	April 15 th
Poster Board and Project Description (in May Newsletter)	April 19 th +/-
Awards Ceremony (held during regular meeting)	May 19 th +/-
Award/ Award Winners posted on website	June 3 rd
Board meeting, Board <u>may</u> select <u>one (1)</u> SENH project Award winner to advance to NCSEA Awards program	June 12 th +/-
NCSEA Award Entry Submission Due	July 12 th
NCSEA Awards Ceremony at Annual Summit	November 5 th

SENH Webinar Announcement

As a member organization of the National Council of Structural Engineers Associations (NCSEA), SENH is able to provide NCSEA recorded webinars to members free of cost. The next webinar will be held via Zoom teleconference on Wednesday, February 23rd, from 12:00 pm—1:30 pm. Only those members who attend the entire webinar will receive access to the post webinar quiz. **Please sign into the Zoom meeting with you full first and last name for attendance purposes, prior registration is not required. The quiz and subsequent PDH certificates will not be sent to those we cannot track attendance for.** Zoom teleconference link and information is below. This is a FREE webinar, and you can earn 1.5 PDH credits.

DATE: Wednesday, February 23rd, 2022
TIME: 12:00—1:30 pm
PRESENTATION: **Timber Engineering for Structural Engineers**

With the current popularity of mass timber architecture, many structural engineers are finding themselves in the position of designing timber structures for the first time in their career. In many respects, engineering a timber structure is unlike engineering a structural steel or concrete building and it is easy to screw up. This informative and entertaining presentation will describe some of the challenges of timber engineering and how to avoid common pitfalls and mistakes.

- Course will award 1.5 hours of continuing education
- This course is Diamond Review approved in 49 states. New York does not accept hours from recordings.

LOCATION: **ONLINE**

COST: **FREE!**

ZOOM INFO: Call in Number: 1-646-876-9923
Meeting ID: 963 1477 7566
Password: SENH2022
Video Conference and Screen Sharing:
<https://sgh.zoom.us/j/96314777566?pwd=Ko12ZmQrbWRQL1UwSzlacEZoT2xsQT09>

Questions can be directed to Jonathan Sproul (jsproul@proconinc.com)

NOTE: 1.5 PDHs will be awarded for attendance and completion of quiz. The quiz link and attendance code will be sent out within a few days of webinar completion. Certificates are issued by NCSEA upon successful completion of the quiz.

SENH Meeting Announcement

NEXT MEETING: Wednesday, January 26, 2022

PRESENTATION #1: **NHDOT Bridge Program Update** – *Find out what has been going on at NHDOT and what is on the horizon.*

SPEAKER: **Loretta Girard Doughty, PE** – NHDOT Bureau of Bridge Design Administrator

PRESENTATION #2: **Replacement of Bridge** Nos. 24 N&S on I-91 Rockingham, VT:

This presentation will provide an overview of the replacement of twin four-span steel deck truss bridges carrying I-91 over the Williams River and Green Mountain Railroad in Rockingham, VT. The new bridges are 860-feet long with piers up to 138 feet tall. Each bridge has five girders comprised of seven segments spliced into continuous girders over 850 feet long. With some individual segments weighing over 93 tons, fabrication, delivery, and erection took careful analysis and planning. To accommodate stringent pier slenderness criteria, rotational stiffness of the piers was increased by incorporating two bearings per girder at each pier. This project is the recipient of the prestigious 2021 PCI Design Award for Bridges with Main Span over 150ft and was selected #6 on the Roads& Bridges top 10 Bridge Projects for 2021.



SPEAKER: **Thomas French, PE:** Thomas is a Transportation Department Manager for HDR, Inc. He is responsible for Civil, Structural, Maritime and Environment staff in New England. Tom has spent 28 years on the inspection, analysis, design, project management and construction of bridge, highway, drainage, civil/site and miscellaneous building projects throughout the country. He has been the lead design engineer on over 200 projects during his career as a designer for the NHDOT, as a design consultant, and as the engineering manager for a precast concrete company. Tom has spent the last 26 years as an EMT and Firefighter serving his hometown, Henniker, where he lives with his wife and two youngest daughters.

PLACE: **ONLINE**

A Zoom link will be sent the day of the meeting to those who are registered.

AGENDA: 5:00 pm – 5:30 pm Business Meeting
5:30 pm – 7:00 pm Presentations
7:00 pm–7:30 pm Social Half Hour via Breakout Rooms (Optional)

COST: Member: \$20.00
Non-Members: \$45.00
Students: **Free**

RSVP: By Monday, January 24, 2022

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

TFMoran, Inc.
Attn. Cassi Beroney
48 Constitution Drive
Bedford, NH 03110
cberoney@tfmoran.com

Donations to the SENH scholarship fund are always welcome and appreciated.

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

November Meeting Attendance List & Meeting Minutes

The Tuscan Village (2.0 PDH's)
 Online via Zoom
 November 17, 2021

Name	Company	Name	Company
Josif Bicja	Hoyle, Tanner & Assoc.	Ryan McMullen	Hoyle, Tanner & Assoc.
Jay Brown	Structural Systems, Inc.	Jonathan Nadeau	TFMoran, Inc.
Sean Brown	Hardesty Hanover	July Blaise Nganyi Imbembe	Team Engineering
Kevin Carme	Fuss & O'Neill, Inc.	* <i>Joe Persechino</i>	<i>Tighe & Bond</i>
Eric Caron	WSP USA, Inc.	Tim Polson	WSP USA, Inc.
Katyla Hampe	Hoyle, Tanner & Assoc.	Jacob Pouliot	TFMoran, Inc.
Sean James	Hoyle, Tanner & Assoc.	Michael Richard	Simpson, Gumpertz & Heger
Tom Kilrain	Dept. of the Navy	Paul Sbacchi	TFMoran, Inc.
Tom Lamb	TFMoran, Inc.	Jillian Semprini	Hoyle, Tanner & Assoc.
Rebecca Lubrano	Simpson, Gumpertz & Heger	Bruce D. Stewart	Stewart Engineering
Dan Martel	Team Engineering	Katelyn Welch	Hoyle, Tanner & Assoc.

*Speaker

Business Portion of the Meeting

Business Portion

- NCSEA 2021 Summit Feb 14-17th in NY
 - ◊ Tom Lamb and Bob Durfee to attend
- Next meeting will be in January 2022.
 - ◊ Tom French to present on precast segmental I-91
 - ◊ Coordinating with NHDOT to provide annual update.
- How will DOT spend infrastructure money?
- PDC Committee Free Webinars
 - ◊ 12/1 – thermal forces on structures
 - ◊ 12/15 – strut & tie modeling
- SENH Excellence in Structural Engineering Awards Program
 - ◊ Due March 4th.
- Website update – old projects from member firms. Looking for new photos from member firms to revamp website.
 - ◊ Please send photos to Josif Bicja or Cassi Beroney
- Sean Brown Budget Update
 - ◊ On track to stay on budget, strong sponsorships
 - ◊ Will be awarding two, \$1,000 scholarships – will be awarded in February
 - ◊ Renewal season is coming up

Business Portion of the Meeting *(Continued from page 12)*

- Eric Caron YMG
 - ◊ Event at Cisco Brewery (10-12 in attendance)
 - ◊ Currently talking with career services at UNH for a ‘Resume Review’ day.

Presentation

- Joe Persechino of Tighe & Bond presented on the ongoing Tuscan Village project in Salem, NH.
- The presentation covered the planning and vision for the over 2 million square foot mixed-used development project. The presentation highlighted some of the more challenging engineering components encountered to date, in particular the reconfiguration of the existing 100-year flood plain located on-site, and the massive utility and transportation infrastructure required to support the project.

Upcoming Event

Women’s Transportation Seminar (WTS)—SENH Joint Ski Outing *submitted Sean Brown, P.E.*



Join SENH at a joint outing with the New Hampshire chapter of WTS at Pat’s Peak on Thursday, February 10! Enjoy an afternoon of skiing or snowboarding from 12:30pm to 5pm and meet up for a social hour at the Sled Pub in the base lodge from 5pm to 6pm. Appetizers and a round of drinks will be provided courtesy of WTS & SENH. Order lift tickets through Pats Peak via their website <https://www.patspeak.com> and meet us on the slopes! Please RSVP to treasurer@senh.org if you are able to attend.



Ticket Type	Online Rate
Adult Lift Ticket 12:30-4pm	\$59
Adult Lift Ticket 12:30-9pm	\$69
Adult Lift Ticket 4-9pm	\$59
Renting: Skis, Boots, Poles, Helmet	\$56
Renting: Snowboard, Boots, Helmet	\$56

WTS-SENH Ski Outing at Pats Peak
686 Flanders Road, Henniker, NH 03242
Thursday February 10th 2022
12:30pm – 5pm Skiing & Snowboarding
5pm – 6pm Socialize at The Sled Pub at the Base Lodge
6pm – 9pm Optional Skiing/Snowboarding until Last Chair

For Questions Contact: Treasurer@senh.org

SENH Call for Member Presentations

Overview

In planning our bi-monthly meetings, the Professional Development Committee (PDC) focuses on the number one reason that attracts participants – the education program. The SENH members will be allowed again to present at the upcoming annual March meeting. Individuals who are interested in presenting and sharing their knowledge with the structural engineering profession are encouraged to **submit a proposal by Friday, January 28, 2022.**

NEW THIS YEAR!

SENH members will be allowed to present on volunteer or extracurricular topics related to structural engineering. Topics could include mission trips, disaster relief efforts, student outreach, etc.

Instructions for Submitting

Please submit the following information for the presentation you wish to be considered:

- Short speaker bios
- Presentation title
- A 200 word or less description of the presentation
- Photographs, if available

Presentations Program Format

Presenters should plan to conduct 15 minutes of presentation followed by 5 minutes of Q&A (total time of 20 minutes), with no more than **two** presenters. Every effort shall be made to make the presentations educational without presenting any marketing material.

Submission Evaluation and Selection

- The PDC will review, evaluate, and select submissions using the following criteria:
- Relevance to the profession of structural engineering
- Timeliness of the topic
- Subject matter appeal
- Speaker qualifications

Note: PDC will keep records of all presentations and presenters and will make every effort to not select the same member firm without first giving the opportunity to other member firms.

Please send submissions and questions to the PDC Co-Chairs:

Kayla Hampe (khampe@hoyletanner.com)

Katelyn Welch (kwelch@hoyletanner.com)



SENH 2022 Dues Renewal Notice



Member of

Renewal dues are as follows:

Member: \$ 65.00 Associate Member: \$65.00 Student Member: \$0.00 Retired Member: \$20.00

Please make check payable to SENH, and send with completed form to:

SENH
P.O. Box 226
Manchester, NH 03105-0226

BY February 15th, 2022

**If sending one check for more than one person, please fill out a renewal form for each person.*

PLEASE FILL OUT COMPLETELY, THIS FORM IS USED FOR CONFIRMING AND UPDATING LISTS!

Please check one:

Member Associate Member Student Member Retired Member

NAME _____ FIRM _____

ADDRESS _____

PHONE _____ FAX _____ **E-MAIL _____

P.E. YES NO WHICH STATE(S) _____

If you are under 35 years of age, are you interested in participating in the Young Members Group? YES NO

Does the information provided represent a change in registration data from the previous year? YES NO

Do you wish to be listed on the website to accept calls from the public? YES NO

If yes - check all categories that apply : Bridges Buildings Residential Buildings Commercial

Do you hold any additional certifications such as SECB LEED Other _____

Do you wish for SENH to share your e-mail address with NCSEA to receive their announcements? YES NO

Do you wish to have your name in the Member Directory on the SENH Website? YES NO

Do you wish to have your member information (except e-mail) included on the SENH Website? YES NO

Voluntary SENH scholarship contribution: \$10 _____ \$20 _____ \$50 _____ OTHER \$ _____

Check # _____ Check Amount \$ _____

If you wish to have your "Linked In" profile shown on the SENH Website with your member directory listing, please provide the link here:

****Our newsletters are delivered via e-mail. In order to receive your newsletter via US Postal Service you must check the box below.**



Please send my newsletter via regular mail.



Structural Engineers of New Hampshire

P.O. Box 226
Manchester, NH 03105-0226
www.senh.org



Corporate Advertising

Introduction:

SENH accepts corporate advertisement for posting on its website and for inclusion in five (5) newsletters delivered electronically to its members. The postings will include a hyperlink to the firms website if desired.

Advertisement Format:

All advertisements shall be in the form a 1.3" x 2.3" business card and shall be submitted electronically in a .jpg or .pdf format.

Advertisement Fee:

An annual fee of \$100 is required for structural engineering related firms who employ at least one (1) Member or Associate Member of SENH. An annual fee of \$150 is required for structural engineering related firms who do not employ a Member or Associate Member of SENH. An annual fee of \$300 is required for non-structural engineering related advertisements. Advertisement Fees are for the Period of January 1st to December 31st. Advertisements received outside of the annual renewal cycle will be assessed a fee of \$10/month, \$15/month and \$30/month respectively.

For purposes of SENH advertisements structural engineering related firms shall include the following:

- Structural Engineering Design Companies
- Architectural / HVAC Design Companies
- Survey Companies
- Geotechnical Engineering Companies
- Manufacturers whose products are utilized in building or bridge construction
- Architectural Historians / Archaeologists
- Companies providing professional services to structural engineering companies (Accountants, Lawyers, etc.)
- Software companies providing structural analysis, CADD, estimating or scheduling software
- Other companies approved at the discretion of the SENH Board of Directors

The SENH Board of Directors reserves the right to limit the type of advertising accepted for use.



Structural Engineers of New Hampshire
 P.O. Box 226
 Manchester, NH 03105-0226
www.senh.org



Corporate Advertising Form

CONTACT INFORMATION:

Company Name: _____

Company Address: _____

Phone & Fax Numbers: _____

Website Address: _____

Contact Name: _____

Contact Phone Number: _____

Contact E-mail Address: _____

BUSINESS DESCRIPTION:

- Company employs at least one (1) SENH Member or Associate Member.
 - Company does not employ at least one (1) SENH Member or Associate Member.
- If second box is checked, please provide a brief description of business and how it relates to structural engineering:

ADVERTISING FEE:

- \$100 – Structural Engineering Related Company employing at least one (1) SENH Member or Associate Member.
- \$150 – Structural Engineering Related Company that does not employ at least one (1) SENH Member or Associate Member.
- \$300 – All other companies.

SUBMIT COMPLETED APPLICATION WITH FEE TO:


Structural Engineers of New Hampshire
 P.O. Box 226
 Manchester, NH 03105-0226

SUBMIT ELECTRONIC ADVERTISEMENT


TO: admin@senh.org

Please Note: Electronic files may be submitted prior to applications and fees however the advertisement will not be posted until SENH has received the application and application fee.

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Contact Cassi at CBeroney@TFMoran.com to find out how!**



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

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