



# Granite Columns



## President's Letter



Dear Members, Colleagues and Sponsors:

Our last combined meeting with ASCE was held at Puritan Backroom and this was the first in-person meeting since the start of Covid-19 Pandemic in early 2020. I personally was very excited to return back to in-person meetings, however the attendance was very poor. Based on what we saw at the last meeting, the Board of Directors has decided to go back to virtual meetings for the foreseeable future and will continue to monitor the Covid-19 situation with the hope that

things will turn around and we will get back to our normal lives sooner than later.

The practice of structural engineering is a becoming more complex and difficult due to never-ending research findings, numerous design codes and frequent changes in design methodologies, recent advances in structural engineering software development, 3D structural modeling and many other factors. I must say that when I first started working in this field, we were using the AASHTO Standard Specifications for Highway Bridges 17<sup>th</sup> Edition and this design code was a total of 894 pages. Since then, we have gone through numerous changes by first using AASHTO LRFD Bridge Design Specifications and now somehow, we are up to 9<sup>th</sup> Edition for a whopping 1914 pages. I do not know about most of you but for myself I can no longer just open AASHTO and be able to find that section that you really need. Luckily search function in PDF files is helpful but I constantly find myself spending more time looking up and understanding the correct section of the code to apply to a particular problem. These codes are greatly expanded and require high level of vigilance to ensure the design methodologies are used correctly and as intended. In light of these complexities, the Board of Directors will start to discuss our organization's position on the Structural Engineering licensure and to hopefully come up with a consensus and a united voice for the promotion of this licensure. At our next Board meeting we will start discussing the pros and cons and in upcoming months will gather our members' input in this subject matter. In the meantime, if any of you are passionate about this matter, I encourage you to participate in the discussion and provide your feedback. Please feel free to reach out to me directly at (603) 460-5147 or email me at [President@senh.org](mailto:President@senh.org).

Please see the meeting announcement section of the newsletter and do not forget to sign up. I hope to see all of you at the next meeting!

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### Special Points of Interest/ Reminders:

- *Mark you calendars! The November meeting is scheduled for November 17th! See inside for details.*
- *SENH Scholarships —turn to page 4 for more information!*

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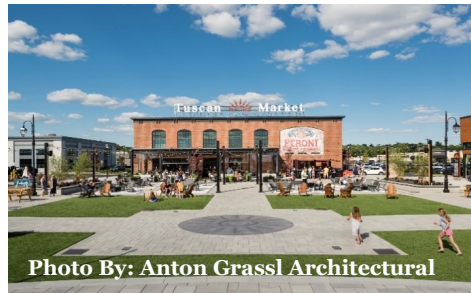
# SENH Meeting Announcement

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**NEXT MEETING:** Wednesday, November 17, 2021

**PRESENTATION:** **The Tuscan Village** is an over 2 million square foot mixed-use development project located at the old Rockingham Racetrack in Salem, New Hampshire. This presentation will give an overview of the project while touching on some of the more challenging engineering components to date. In particular the presentation will look at the reconfiguration of the existing 100-year flood plain located on-site, and the massive utility and transportation infrastructure required to support the project.

**SPEAKER:** **Joe Persechino** is a Vice President of engineering at Tighe & Bond, and has more than 18 years of experience in the industry. His work involves the design and engineering of site/civil projects for institutions, real estate, commercial, educational, municipal, and renewable energy projects throughout New England. He works on projects from project initiation and site evaluations, to comprehensive Master Planning and permitting, through to construction. He has worked on the Tuscan Village project from the beginning phases of the project in 2016 through to today. Joe lives on the seacoast of New Hampshire with his wife and two children and tries to get outdoors as much as possible.



**PLACE:** **ONLINE**

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

**AGENDA:** 5:00 pm – 5:15 pm Business Meeting  
5:15 pm – 6:30 pm Presentation

**COST:** Member: \$20  
Non-Members: \$45  
Students: **Free**

**RSVP:** By Monday, November 15, 2021

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](mailto:cberoney@tfmoran.com)

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

**NOTE:** 1.0 PDH have been assigned for attendance. Attendees are responsible for signing into the Zoom meeting with first and last name in order to receive PDH credit.

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# September Meeting Attendance List

Reconstruction of the Pease Runway  
In-person attendance at Puritan Conference & Event Center (2.0 PDHs)  
245 Hooksett Road, Manchester, NH 03104  
Virtual Attendance via Zoom (1.0 PDH)  
September 21, 2021

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Name	Company	Name	Company
<b>In-Person Attendees</b>		<b>Virtual Attendees</b>	
* Robert Furey, P.E.	Hoyle, Tanner & Assoc.	Timothy Polson, P.E.	WSP USA
* Nicole Crawford, P.E.	Hoyle, Tanner & Assoc.	Aaron Cheever	Advanced Drainage Systems, Inc.
Chris Jacques, P.E.	Kimley-Horn	Andrew Vardakis	
Eric Caron	WSP USA	Daniel Hudson, P.E.	City of Nashua
Ezequiel Galvan	TFMoran, Inc.	Grant Erickson	WSP USA
Fred Emanuel, P.E.	Emanuel Engineering	Jay Brown, P.E.	Structural Systems, Inc.
Josif Bicja, P.E.	Hoyle, Tanner & Assoc.	Jeff Karam, P.E.	Evergreen Structural
Katelyn Welch	Hoyle, Tanner & Assoc.	Martin Gorham, P.E.	Gorham Structural Engineering, PLLC
Kayla Hampe, P.E.	Hoyle, Tanner & Assoc.	Matthew Miloro	UNH Student
Kyle Roy, P.E.	TFMoran, Inc.	Nevin Gomez, P.E.	WSP USA
Linda McNair-Perry, P.E.	Summit Engineering, PLLC	Normand Cote, P.E.	NGC Structural
Richard Driscoll	Richard J. Driscoll Consulting	Rebrece Lubrano, P.E.	
Robert Durfee, P.E.	Dubois & King, Inc.	Thomas Kilrain, P.E.	Dept. of the Navy
Ryan Boyle	Summit Engineering, PLLC		
Sean Brown, P.E.	Hardesty & Hanover		
Sean James, P.E.	Hoyle, Tanner & Assoc.		
Thomas French, P.E.	HDR Engineering, Inc.		

\*Speaker

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## Business Portion of the Meeting

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### Business Portion of the Meeting:

- SENH President Josif Bicja gave an update:
  - ◇ NCSEA Conference was scheduled for September – postponed to February 2022.
  - ◇ Webinar coming up October 20<sup>th</sup> – Load Testing of Existing Structures (lunch time & free)
  - ◇ Friday, 9/24/21 – ASCE Steel Day – free tour Novel Iron Works
  - ◇ SENH Board Updates:
    - ◆ Website to be updated
    - ◆ Will be soliciting project photos from Structural Engineering Excellence Awards from member firms
    - ◆ Update out of date links
  - ◇ Next meeting in November
    - ◆ Likely will be virtual due to low attendance in person.
- Young Members Group Update by Eric Caron
  - ◇ Upcoming YMG outing at Cisco Brewers in Portsmouth for networking, October 21<sup>st</sup> at 5:30 PM. RSVP to SENH YMG ([senhymg@gmail.com](mailto:senhymg@gmail.com)). SENH will be providing appetizers and the first round of drinks for attendees.
- Budget is steady, SENH will continue to award 2 scholarships annually.

### Presentation:

- Robert Furey, PE and Nicole Crawford, PE of Hoyle, Tanner & Associates presented on the ‘*Reconstruction of the Pease Runway*’.
- The presentation covered the original planning and need for runway reconstruction and the funding challenges encountered in working with two different federal agencies (Civilian FAA and Military NHANG).
  - ◇ The presentation also covered how phasing of the reconstruction work was sequenced to minimize the impacts to an active, in-service airport.
  - ◇ A temporary asphalt plan located on the airport was utilized to ensure constant material availabilities during condensed work windows.

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## 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 again this year 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), and one scholarship will be open to non-UNH students studying elsewhere. We encourage SENH members to solicit applicants from their alma maters and direct them to apply online - the application forms are updated on the SENH website (<https://www.senh.org/senh-scholarship>)

An announcement will be made to SENH members when that occurs, which is expected to be no later than November 12<sup>th</sup>. Should you have any questions, please reach out to Matthew Low, P.E. at [mloew@hoyletanner.com](mailto:mloew@hoyletanner.com) or Robert Durfee, P.E. at [rdurfee@dubois-king.com](mailto:rdurfee@dubois-king.com) .

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## Call for Entries

*submitted by Josif Bicja, P.E.*

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


This committee has continued to develop and revised/update the protocol and procedures for 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.

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