



Granite Columns



President's Letter



Dear Members, Colleagues and Sponsors,

I hope each of you are doing well and continue throughout the remainder of 2022. I cannot believe that winter is almost over, and spring is just around the corner. It has been a bizarre winter with temperatures fluctuating from mid 60s to single digits over the course of 24-hours. On the COVID-19 front we continue to hear declining cases and most of the restrictions being lifted. I am optimistic that our annual May meeting will be held in-person and hope to see most of you at that meeting.

I also want to make a quick comment with what is going on around the world and what we all are seeing on social media and news outlets – I am sorry I cannot stay silent on this one. I

strongly condemn the aggression towards Ukraine and sovereign nations and hope and pray for this war to end immediately. It is heartbreaking to see the destruction of infrastructure and most importantly the loss of human lives and suffering that innocent people are going through. In this day and age there should be no wars but peace!

I attended the E-Week Awards Banquet on February 22nd and was glad to see a great attendance and the in-person return of this event. Two of our SENH members, Thomas French, PE and Kayla Hampe, PE were honored with the Engineer of Year (EOY) and Young Engineer of Year (YEOY) awards, respectively. EOY and YEOY are the highest awards given to individuals by the New Hampshire Engineering Societies and these awards are presented to engineers who have made outstanding contributions to the engineering profession, the public welfare, and humankind. Tom and Kayla are extremely deserving of these awards and SENH is very proud of them and their contribution to the engineering profession and most importantly for their passionate volunteer work locally and across the world. I want to congratulate, again, Tom and Kayla and thank them for their service and volunteer work. You make us proud, and I am grateful to have learned so much from both of you!

Our SENH.org website hasn't had any major updates or face lifts for quite some time. The Board of Directors (BOD) has discussed and held numerous meetings over the past few months to discuss the upgrade of our website. The week of March 14th we have a kickoff meeting to start the process of creating the new website. As announced in the past, we would love our members to send us photos of their projects so they can be showcased on the new website. Any member that is interested in volunteering to help with this effort is encouraged to participate.

At the last BOD meeting it was decided to create a Structural Engineering Licensure Committee, as it has been discussed in the past. So far, we have 5 members that have volunteered to be on this committee, and we welcome anyone else that is willing to volunteer.

If you waited until the last minute to renew your SENH membership, now would be a good time to do it if it happened to be overlooked. By checking the box labeled "Section Dues" you help to subsidize not only the events above, but also all the activities and scholarship program we have had in place for over 15 years.

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 see you at the March meeting!

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Special Points of Interest/ Reminders:

- *Mark your calendars! The next meeting is scheduled for March 23rd—See inside for details!*
- *The Excellence in Structural Engineering Award Program entry deadline has been extended to March 18th—get your submissions in soon!*
- *SENH Scholarship winners are announced! Flip to Page 4 to see who won.*

2021 NCSEA Structural Summit, New York, NY

submitted by Robert Durfee, P.E., SENH Delegate

SENH Delegate: Bob Durfee

SENH Alternate Delegate: Tom Lamb

The 2021 Summit, originally scheduled for November 2021, was postponed, rescheduled, and held on Monday, February 14th to Thursday, February 17th, 2022, at the Hilton Midtown Hotel in New York City. Delegate Bob Durfee and Alternate Delegate Tom Lamb representing SENH attended the Summit. Bob also attended the NCSEA Communications Committee meeting on Thursday as a member of this Committee. Tom also attended the NECSEA Committee meeting on Thursday as Chairman of this Committee and representative of SENH.

Bob and Tom will make a full report of their attendance and representations at the Summit to the SENH Board and post their report on the SENH website.

The 2022 Summit is scheduled for Tuesday, November 1st to Friday, November 4th in Chicago, Illinois.

Brand Ambassador Program

submitted by Thomas Lamb, P.E., SENH Representative

Introducing the NCSEA Brand Ambassador Program

As many of you may know from NCSEA publications and e-mails the NCSEA brand ambassador program has begun. This program is intended to build awareness of the structural engineering profession and elevate the perceived value of structural engineers and the contributions they make to their communities. NCSEA has engaged a marketing partner and has produced the tag line “We SEE above and beyond”. This tagline is prevalent in the social media campaign that NCSEA and its member organizations are participating in. SENH is in the process of setting up social media accounts to participate. More information will be provided at the next meeting in March and can be seen at weseeaboveandbeyond.com.

Public Relations Committee

submitted by Matt Low, P.E.

Chair: Matt Low

Kyle Roy

Sean Brown

Bob Durfee

Several applications for the SENH Scholarship were received from Civil Engineering students entering their Senior Year at UNH. The Committee selected two students to award scholarships.

See Scholarship Announcement in this newsletter.

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

The Committee issued the Call for Entries for the 2022 Excellence in Structural Engineering Awards Program. Entries were due by March 4th. **The Awards submission deadline has been extended to Friday, March 18th**. The Awards program presentation will be held at the May 2022 SENH meeting. Awards will be presented in three categories: Buildings, Bridges and Special Structures. All award winners and their projects will be highlighted in the August newsletter.

SENH Scholarship Committee

submitted by Matt Low, P.E.

SENH ANNOUNCES SCHOLARSHIP WINNERS!

Structural Engineers of New Hampshire (SENH) is very pleased to announce that two University of New Hampshire (UNH) Civil Engineering student have been selected for the 2022 SENH Scholarships of \$1,000 each. Students entering their senior year of studies with a focus on structural engineering are eligible. This year, **Mr. Dustin Wells** of the University of New Hampshire was named the winner of the Arthur W. Rose, Jr. Memorial Scholarship and **Mr. Nicholas Wong** of the University of New Hampshire was named the winner of the SENH Younger Member's Group Scholarship. A scholarship award ceremony will be held in the fall of 2022 at UNH to recognize these fine individuals for their achievements.

SENH is proud to support students as they pursue their undergraduate degrees, the first step in becoming tomorrow's engineers and problem solvers.

SENH is a not-for-profit organization established to pursue common interests of practicing structural engineers and others sharing an interest in the activities of structural engineers. For more information on the organization, please visit www.senh.org.

Northeast Coalition of Structural Engineering Associations Update

submitted by Thomas Lamb, P.E.

The Northeast Coalition of Structural Engineering Associations met at the NCSEA summit in February. Representatives from NY, MA, CT, ME and NH were in attendance. Among topics discussed were SE licensure, the formation of brand ambassador, sustainability, SEER and SE3 committees and the second annual Northeast Coalition of SEA conference. The conference is virtual and is scheduled for three Mid-day sessions on May 12, 19, and 26. Topics for this year's conference will be on IEBC, Wind loads, Tornado Loads, Snow loads, and Fire Design. Keep an eye out for the conference announcement soon.

If anyone is interested in forming a sustainability, SEER and SE3 committee please contact Tom Lamb at tlamb@tfmoran.com.

Structural Engineering (SE) Licensure Committee

submitted by Robert Durfee, P.E.

The Board of Directors has appointed a new committee, the Structural Engineering (SE) Licensure Committee. This Ad-Hoc Committee will investigate the current P.E. exam and licensing requirements for Structural Engineering in New Hampshire. They will also investigate the feasibility and requirements for specialty licensing of Structural Engineers.

The Committee will be reviewing the work completed by the previous SENH – Specialty Licensing Committee, which investigated structural licensure and issued a report to the Board on December 2, 1997.

The Board has appointed five (5) members to this committee; Eric Caron, Kayla Hampe, Matt Low, Sean Brown, and Bob Durfee. The first meeting of this Committee will occur in March.

At the conclusion of their investigation, the Committee will submit a report of their conclusions, findings, and recommendations to the Board of Directors.

EOY/ YEOY Nomination Committee

submitted by Robert Durfee, P.E., Co-Chair

Co-Chairs: Bob Durfee & Sean James

Nominations for Engineer of the Year and Young Engineer of the Year in New Hampshire were requested by NSPE-NH last fall. The Nomination Committee recommended a candidate for Young Engineer of the Year (YEOY) and for Engineer of the Year (EOY), to be nominated by SENH.

SENH member Tom French, P.E. was awarded the 2022 Engineer of the Year (EOY) for New Hampshire. SENH member Kayle Hampe, P.E. was awarded the 2022 Young Engineer of the Year for New Hampshire.

See EOY and YEOY Announcement in this newsletter.

Young Members Group

submitted by Eric Caron

February UNH Resume Review

The Young Members Group held a resume review for UNH students in the Civil & Environmental Engineering Program. The event was scheduled a few days before UNH's Career and Internship Fair so students would have time to make edits before handing their resumes to potential employers. This was Career Services first in-person event since March 2020, and turnout was a bit low as expected. We were happy to bring back some face-to-face interaction with UNH students and hope to push for more involvement with them in the future.



In Person Social Event

Young members - Stay tuned for a future email regarding an in-person social event.

The event will likely be scheduled for April in the Manchester area. Details to be determined.

WTS—SENH Joint Ski Outing

submitted by Sean Brown, P.E.

WTS – SENH Joint Ski Outing

Conditions were warm and spring-like on February 10th for the joint ski outing with WTS. Pats Peak had lots of snow on the trails despite the temperatures climbing into the upper 40's which made for a fun day on the slopes. Thank you to everyone who was able to attend this year, we're looking forward to having this event again next season!



Do You Have a Plan B?

submitted by Robert Durfee, P.E.

While Bob was going through older SENH files he came across this piece he wrote for a course he was taking. It was also published in an early 2000's SENH newsletter. It is interesting to see history repeat itself!

I'm sure you have heard this around the office "We are busy, have a healthy workload, and need to find more people" or "Smith just left the firm, we need to replace him fast!"

Most firms are approaching this recruiting problem with "PLAN A – Hire Experience Staff". When it comes to recruiting new staff, everyone is looking for the same person. The ideal candidate is one with 8-10 years experience, self starter, good communication skills, P.E. license, project management, client relations, and business development experience, etc., and is willing to work 24/7 and sleep on a cot in his/her cubicle.

So how is your plan going to find this ideal candidate? If you are like the rest of the consulting community, it is not going well. You have not found that perfect candidate, and what candidates you have found do not come close to filling your requirements. Everyone is looking for experienced staff, and the competition among consulting firms is fierce!

Its' time to go to PLAN B – Hire Entry Level and Train!

Over the years, I have heard a number of reasons for NOT hiring entry level staff. These reasons include:

- "We don't have the budget to train an entry level person!" Maybe so, but do you have the budget for your highly paid senior staff to work overtime on projects, or perform junior engineer tasks at senior engineer rates?
- "As soon as we train a junior engineer, and they get their P.E., they leave us!" If your firm is not set up to retain junior staff, what makes you think experience staff you hire is going to stick around?
- "I don't have the time to train an engineer". Maybe true, but do you have the time to work O.T., put in extra hours, or come in the office on weekends to get the work out? If you do have the time, how long can you keep up this pace?
- "I need someone that can hit the ground with their feet running!" Junior engineers, with a little direction and access to sample work product, can accomplish a lot. It does not take long for them to get "up to speed" and perform, especially those routine tasks that we experienced engineers loath to do.

Entry level engineers bring a lot of assets to your organization that you probably don't have, such as:

- Coursework in the latest analysis techniques (LRFD, LFD, etc.)
- Coursework using the latest codes (AISC, ACI, NDS, IBC, etc.)
- More in-depth computer skills (STAAD, EXCEL, etc.)
- Have more energy, enthusiasm
- Are more flexible with work assignments, tasks, location of assignments, etc.
- Add to a better staff mix and technical balance
- Willing to sleep on a cot in their cubicle

So start today – Institute Plan B – Hire Entry Level and Train!

Engineer of the Year Announcement

submitted by Josif Bicja P.E.

HDR's Thomas French Named 2022 New Hampshire Engineer of the Year

The New Hampshire Engineering Societies has named HDR's Thomas French, P.E. as the 2022 New Hampshire Engineer of the Year. The award recognizes French as an engineer who has made outstanding contributions to the engineering professions, the public welfare and humankind. The honor and its companion Young Engineer of the Year award are the highest given to engineers in New Hampshire.

French, who also won the Young Engineer of the Year award in 2005, is a senior project manager for HDR, leading roadway, bridge, environmental and maritime engineering in New England. He is a civil and structural engineer with nearly 29 years of experience in the inspection, analysis, design, project management and construction administration of bridges, highways and other civil and building projects. During his career, French has been the lead design engineer on more than 200 bridge and roadway projects across New Hampshire, Maine and Vermont. Most recently, he served as design-build design manager for the twin bridges that take Interstate 91 across the Williams River near Rockingham, Vermont, a project that has won numerous national awards.

French is a noted author of several bridge publications, including a work on the historic preservation of stone arch and steel bridges in Vermont and New Hampshire. His work has received the Historic Landmark Preservation Award for the South Main Street Stone Arch Bridge Rehabilitation in Manchester, New Hampshire. With deep ties to New Hampshire, French has bachelor's and master's degrees in civil engineering from the University of New Hampshire.

Outside of work, French has volunteered for more than 27 years with the Henniker Rescue Squad, which provides emergency medical services to more than 7,000 residents across 81 square miles. He is a nationally registered advanced EMT and firefighter. He has served his department as chief for 16 years and deputy chief for 5 years.

"I'm humbled to receive this honor from my peers and colleagues," French said. "I hope to continue to live up to the highest ideals of our profession as together we maintain and improve the infrastructure that our communities rely on."



Young Engineer of the Year Announcement

submitted by Josif Bicja P.E.

Kayla Hampe, PE Named New Hampshire's 2022 Young Engineer of the Year



Kayla Hampe, PE has been selected by a jury of her peers from New Hampshire's engineering societies as the 2022 New Hampshire Young Engineer of the Year. This distinguished award will be presented February 22nd at the annual Engineers' Week banquet in Concord, New Hampshire. Kayla was nominated by Structural Engineers of New Hampshire (SENH) based on her record of professional accomplishments, service to the profession and promoting engineering and volunteer activities in the community.

Kayla earned her Civil Engineering Bachelor of Science degree (2010) from the University of New Hampshire (UNH) and her Structural Engineering Master of Science degree (2012) from Lehigh University. She maintains professional licensure in New Hampshire and Maine and is an active member of SENH, serving as both the co-chair of the Professional Development Committee and SENH's representative to the National Council of Structural Engineers Associations (NCSEA) External Communication Committee.

In her current role as Structural Engineer at Hoyle, Tanner & Associates, Inc. and throughout her 10-year career, Kayla has performed inspection, rating, design, rehabilitation and construction inspection of numerous steel and concrete bridges. She has developed an expertise in the latest method of hydraulic analysis (2-D modeling) and has applied this to new, rehabilitative, and scour countermeasure bridge designs throughout New England.

When she is not practicing engineering, Kayla regularly gives back to future engineers and her community. For multiple years, she has worked with *UNH* senior civil engineering students as an Advisor on student-led project designs, providing guidance and real-life lessons. She has also served as a volunteer with the *Apostolate to the Dominican Republic* where they constructed water distribution systems in communities in remote parts of the country. For anyone that knows Kayla, they know she is an avid pet lover volunteering regularly at the *Stratham SPCA*, working to save the lives of companion animals through rescue, rehabilitation, and adoption. Her latest volunteer effort is with *Bridges to Prosperity* where she will travel to Rwanda to serve as an Engineering Manager for construction of a new 207-foot span suspension footbridge.

Kayla resides in Newmarket, New Hampshire with her family and spends as much time as possible in the summer at the lake.

Hoyle Tanner is an engineering firm based in Manchester, New Hampshire, with a strong presence across the Northeast including regional offices in five New England communities and a southern office in Oviedo, Florida. Since 1973 we have completed nearly 13,000 engineering projects across a variety of specialties, including hundreds of municipal, state, and private bridge projects. Among our nearly 100 person staff we have a full-time team of engineers, planners, technicians, and specialty personnel dedicated to each facet of bridge design, engineering, and maintenance. For more information, contact us at 603-669-5555 or visit us at hoyletanner.com.

SENH Meeting Announcement

NEXT MEETING: Wednesday, March 23, 2022

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 – 7:30 pm Presentations

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

RSVP: By Monday, March 21, 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.

PRESENTATIONS:

UNH Students Presentations

Time slots will be available for Senior Capstone Groups to present.

Innovation, Teamwork, and a 4 Day Closure – Bunker Creek Bridge

By Adam Stockin, PE and Nevin Gomez, PE

Adam currently serves as an Assistant Vice President and Bridge Practice Lead for NH, VT and Maine out of WSP’s Merrimack, NH office. He holds a BS in Civil Engineering from Clarkson University and is a licensed Professional Engineer in New Hampshire, Vermont and Maine. Adam has led several Accelerated Bridge Construction projects throughout New England and is the National Technical Resource Lead for ABC at WSP. He is also a Past President for the Structural Engineers of NH.

Nevin currently serves as a senior structural engineer out of WSP’s Merrimack, NH office. He holds a BS in Civil and Environmental Engineering and an MS in Structural Engineering and Mechanics from the University of Massachusetts, Amherst, and is a licensed Professional Engineer in New Hampshire. Nevin has worked on several highway bridge projects throughout New England, as well as conducted railroad bridge inspections throughout Vermont, and the design of a railroad bridge project that was part of the Central 70 Project in Denver, CO. He is currently the project lead on 7 rehabilitation and 2 replacement railroad bridge projects in Vermont.

SENH Meeting Announcement *(Continued)*

Description: This project in Durham, NH consisted of roadway widening and replacement of a critical bridge on Route 4 within a four-day road closure duration. Utilizing innovative features such as Foamed Glass Aggregate, Ultra-High Performance Concrete, Prefabricated Bridge Units, integral micropile abutments and strategic tidal construction methods, the design-build team of SPS New England Inc. and WSP USA Inc. partnered with NHDOT to successfully complete the project. The primary goals of limiting the impact to the traveling public, mitigating settlement, meeting a 100-year service life, and minimizing impacts to the environment were accomplished through innovation and teamwork.



Design and Construction of the Lilac Pedestrian Bridge

By Cameron Bellisle

Cameron joined the Transportation Division of Dubois & King, Inc. (D&K) back in September 2015 and has become a key member of their Bridge Team, instrumental in project design and delivery. Cameron has gained a wealth of knowledge and experience with D&K on various types of projects ranging from historic steel and timber structures to pre-engineered systems and earthen dams. She has been heavily involved in both the design and construction phases of numerous bridge, culvert, roadway, dam, and parking structure projects. She has served as Resident Project Representative, performing construction administration and observation on several bridge replacement and rehabilitation projects, a Safe Routes to School (SRTS) sidewalk project, and multiple dam repair projects. Cameron earned her Bachelors of Science in Civil Engineering, with a minor in Architectural studies from the University of New Hampshire in 2015.



Description: The Lilac Pedestrian Bridge Project consisted of replacing the historic Lilac Vehicle Bridge spanning over the Merrimack River in Hooksett, NH. The existing Pratt through truss bridge, constructed in 1909, was demolished and replaced with a new multiple-span, prefabricated steel truss superstructure (487-ft combined span length). It was supported on rehabilitated existing abutments and piers. The project had many design challenges and requirements as determined by the jurisdictional agencies and the owner, The Town of Hooksett. Additionally, an accelerated design and construction schedule was necessary for the project due to the poor condition of the existing structure, which was also carrying an active sewer line across the Merrimack River.

The new prefabricated truss superstructure was designed to aesthetically mimic the existing historic bridge viewscape, scaled down as a smaller and lighter pedestrian bridge. The constraints to be met by the fabricator included truss type and style, in addition to carrying multiple utilities. The existing utilities, pedestrian traffic, and boat navigation on the river had to be maintained and protected during the explosive demolition of the existing superstructure and construction of the new bridge. The Engineer and Contractor overcame several unexpected barriers during construction and completed the project successfully.

Bridges to Prosperity: 2022 Mumini I Pedestrian Bridge Construction, Rwanda

By Kayla Hampe, PE

Kayla is a Project Engineer with Hoyle, Tanner & Associates, Inc. with a focus on Structural and Hydraulic Engineering for the New England Bridge Team. She earned her BS in Civil Engineering from the University of New Hampshire, and her MS in Structural Engineering from Lehigh University. Kayla is a Licensed Professional Engineer in New Hampshire and Maine, and she has over nine years of experience with a diverse background in the design and analysis of bridges, building envelopes, and other structures for new construction and rehabilitation projects. She joined Hoyle Tanner in 2016 working out of the Portsmouth, NH office. Kayla has been the Co-chair of the Professional Development Committee for the Structural Engineers of New

SENH Meeting Announcement *(Continued)*

Hampshire since 2018. She is also a member of the National Council of Structural Engineers Associations' External Communications Committee and will be Co-chair of the Students and Educators Communications Subcommittee in 2022. Kayla was selected as the 2022 NH Young Engineer of the Year.

Description: In February 2022, a team of nine assembled by the National Steel Bridge Alliance (NSBA) traveled to Rwanda. Side-by-side with the community members and Bridges to Prosperity (B2P) staff, they successfully completed the construction of the 63-meter-long suspension trailbridge. Per the 2022 Build Report, "the Munini I trailbridge now serves four communities with over 2,697 beneficiaries in the rural Karongi District in the Western Province of Rwanda. Spanning the Kaganda river, the bridge connects these communities to the nearest hospital, government services, markets, and both primary and secondary schools. The Munini I trailbridge will now provide safe access for individuals who were once putting their lives in jeopardy to seek opportunity." Kayla will share information about B2P and her experience as part of the NSBA build team.



January Meeting Attendance List & Meeting Minutes

NHDOT Bridge Program Update & Replacement of Bridge Nos. 24 N&S on I91 Rockingham, VT (2.0 PDH's)
Online via Zoom
January 26, 2022

Name	Company	Name	Company
Bruce Stewart, P.E.	Stewart Structural Engineering, PLLC	Kieman Kittridge	Dubois & King, Inc.
Bryson Welch	Thorton Thomasetti	Loretta Girard Doughty, P.E.	NHDOT - Bureau of Bridge Design
Cameron Carlisle, P.E.	Dubois & King, Inc.	* Megan Ooms	
Chris Jones	BETA Group, Inc.	Nevin Gomez, P.E.	WSP USA
Christopher Fournier, P.E.	HEB Engineers	Nick Caron	HDR, Inc.
Dylan Felty		Paul Lefebvre, P.E.	HDR, Inc.
Eric Caron	WSP USA	Peter Kotowski	BETA Group, Inc.
Fred Emanuel	Emanuel Engineering	Robert Durfee, P.E.	Dubois & King, Inc.
Grant Erickson	WSP USA	Ross Wood, P.E.	NHDOT
Jacob Pouliot, P.E.	TFMoran, Inc.	Sean Brown, P.E.	Hardesty & Hanover
Jay Brown, P.E.	Structural Systems, Inc.	Sean James, P.E.	Hoyle, Tanner & Associates, Inc.
John Byatt, P.E.	BETA Group, Inc.	Thomas French, P.E.	HDR, Inc.
Josif Bicja, P.E.	Hoyle, Tanner & Associates, Inc.	* Thomas Kilrain, P.E.	Dept. of the Navy
Karie-An James, P.E.	WSP USA	Thomas Lamb, P.E.	TFMoran, Inc.
Katelyn Welch	Hoyle, Tanner & Associates, Inc.	Tim Polson, P.E.	WSP USA
Kayla Hampe, P.E.	Hoyle, Tanner & Associates, Inc.	<i>*Speaker</i>	

Business Portion of the Meeting

Business Portion:

Sean Brown provided budget updates:

- o Unused funds from postponed summit from 2021 will be pushed forward to defray costs for the re-scheduled summit in February 2022.
- o Annual summit will then be in November 2022.

Eric Caron provided YMG updates:

- o Trying to get a resume review setup at UNH in February.
- o In-person get-togethers on hold due to Covid.

Josif Bicja Updates:

- o Bob Durfee – Robert Cornforth Award (NCSEA National Award)
- o Kayla Hampe New Hampshire Young Engineer of Year
- o Tom French New Hampshire Engineer of Year
- o Excellence in Structural Engineering Awards
 - Deadline to Submit March 4th
- o Next Meeting will be late March – working to coordinate with UNH
- o Membership renewal – due by February 15, 2022
- o Structure Licensure Committee
 - Soliciting interest in participating to be part of committee.

NHDOT Bridge Program Update:

Loretta Girard Doughty, PE, NHDOT Bureau of Bridge Design Administrator provided an update on the current state of affairs at the NHDOT Bridge Program and a look ahead at the draft 10 Year Transportation Improvement Plan.

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

Tom French, PE, Transportation Department Manager for HDR provided an overview presentation on the replacement of twin, four-span steel deck truss bridges that carry 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. The presentation focused on the design approach and the challenges associated with analyzing the slender piers. The presentation also showed the progression of construction, highlighting several unique details employed to improve the constructability of the new bridges.

Employment Opportunities



Team Engineering seeks a driven, enthusiastic building engineer with 5+ years experience to join our growing, fast-moving organization. We design and analyze buildings (and other structures) of all shapes and sizes and structural engineering is the core of our business. The perfect Senior Structural Engineer candidate has strong structural engineering production experience and is ready to leap into a leadership role, or is an established senior engineer with successful project management experience.

The Senior Structural Engineer:

- Will coach and inspire a team of 5+ emerging and established engineers,
- Has experience producing plans in Revit,
- Will manage the company's structural project workload and serve as EOR for most of our designs, and
- Is excited by our core projects – low-rise commercial, industrial, and high-end residential buildings analyzed and designed in wood, steel, concrete, CMU, and cold-formed steel. We are building renovation experts!

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