



Granite Columns



President's Letter



It's annual meeting time for SENH. The Board and key volunteer members have been hard at work with the aim of moving SENH forward, I'll review some of the efforts here:

Changes to the Board

Adam Stockin and Bob Champagne have reached the end of their terms on the Board. I would like to thank them both very much for six years of dedication to this organization, and I hope you will do the same. Meanwhile, the Nomination Committee has scoured our membership to find nominees who can jump in and check off many boxes, with the two biggest traits being: believing in the purpose of SENH, the ability to commit extra time to the Board, and maintaining balance on the Board between the building and bridge disciplines. I believe Jeff Karam and Tim Polson will fill our Board vacancies quite well and hope you will support them at the Annual Meeting vote.

New NCSEA Alternate Delegate

Alex Azodi approached me and recommended that the Board consider finding a replacement for him as our NCSEA alternate delegate. Alex's foresight was to introduce some new blood into this role. A familiar name, Jeff Karam, was recommended and we are glad that Jeff has accepted the role as Alternate Delegate. Jeff has regularly attended the NCSEA Summit, which is part of the duties of the Alternate Delegate, so this should be a simple transition for him. Thank you, Alex, for representing SENH for the last nine years.

New UNH Liaison

In a similar situation, Linda McNair-Perry, recommended that the Board find a new UNH Liaison to replace her, again in the spirit of getting some new (and yet familiar) people involved in furthering SENH's vision. We were pleased that Professor Cook offered to step in, and we really can't think of a better link between SENH and UNH. We certainly thank Linda for all her years of service in this role.

Excellence Awards

The Excellence in Structural Engineering Awards are in their second year and has seen strong participation again. More details are later in the newsletter. On another note, NCSEA caught wind of the success for our first year and inquired to learn about how we were able to pull it off. My answer was – Bob Durfee, who led the charge. However, the program's future is only as good as the volunteers who help make it happen and our members who continue to do excellent work and prepare submissions. Thank you all.

Strategic Plan

Lastly, the Board's much touted strategic plan will be presented at the Annual Meeting. It's perhaps a little ambitious, but I'm hopeful that having a vision into the future of SENH will help motivate you to lend a hand and tackle one of the many action items. The Plan is intended to be a living document, so feel free, at any time, to chime in with your two cents.

Inside this issue:

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Special Points of Interest/ Reminders:

- *Mark you calendars! The next meeting is May 24th—See inside for details.*
- *Entries for the Annual Excellence In Structural Engineering Awards are in! Check out the photos and summaries inside*

NH Building Code Review Board Update *Submitted by Linda McNair-Perry, P.E.*

The NH Building Code Review Board (BCRB) voted earlier this year to proceed with a review of the 2018 *i-Codes* with the intent to recommend to a future legislative body that this newer code (with NH state amendments) be adopted, rather than making another attempt at a legislative effort to adopt the 2015 codes. The BCRB review of the 2018 codes will be slow and steady process, with many hearings to discuss carry over amendments and new proposed amendments, so nothing will happen overnight, especially if they stick with tradition and take a Summer hiatus.

However, if the time comes for Jeff Trexler to ask for help with the review of the 2018 IBC and IEBC structural provisions, please give serious consideration to volunteering your time and insight to lighten his load and later to offer testimony in support of updating the state building codes at public hearings.

If you want to follow along as the process occurs, you can go to the [BCRB Meetings page](#) to see Agendas & Notices of Public

SENH Committee Updates

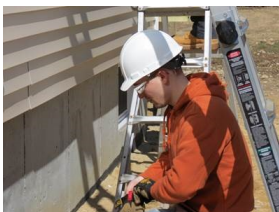


- The Younger Member Group met with UNH students for a resume review before the March meeting. Students were able to get feedback about their resumes and perspective job opportunities. Thank you to the UNH faculty and staff for helping us coordinate this event and get the word out to the students!

- On Saturday April 21, the Younger Members Group volunteered with Habitat for Humanity! This year's project home is located in Rochester, NH and is nearing completion. Our volunteer team consisted of current UNH engineering students as well as practicing younger members. Wind gusts persisted all day in Rochester, though we were fortunate to have bright sunshine all throughout the day.



Our efforts at the house were comprised of clearing the interior spaces to make room for electricians and plumbers the following week, placing asphalt weather-stripping around windows, and hanging vinyl siding on the exterior. We separated into teams of 4 – 5 volunteers and each focused on a different section of the house. For a few of us, never having installed siding before, we got a firsthand education in how to correctly hang the vinyl sheets... and also how not to. After a few crooked sheets had been removed and re-hung, we fell into a groove and were able to install siding on 3 sides of the house up to about half the first story in height. The YMG would like to thank all our volunteers for their hard work, great attitudes, and for making Saturday such a success! With your support, we will continue to make volunteering with Habitat for Humanity a part of our yearly activities.



SENH Committee Updates

(continued from Page 2)

2018 NCSEA Structural Summit, Chicago, Illinois

SENH Delegate: Bob Durfee
SENH Alternate Delegate: Jeff Karam
Member: Alex Azodi

The 2018 Summit will be held on Wednesday, October 24th to Saturday, October 27th, 2018 at the Sheraton Grand Hotel in Chicago. Delegate Bob Durfee and Associate Delegate Jeff Karam representing SENH will attend the Summit. Bob will also attend his Communication Committee meeting on Wednesday. Jeff will also attend his International Resident Code Committee (IRC) meeting on Wednesday. Member Alex Azodi will attend his IBC General Engineering Committee meeting on Wednesday.

NCSEA issued early bird registration information and a draft agenda for the Summit to all SENH members. Early bird registration deadline is June 1st for reduced registration cost savings. Sign up to attend the 2018 Summit and get current with structural issues, advancements, and products at the national level

NCSEA Communications Committee

SENH Delegate: Bob Durfee
SENH Alternate Delegate: Jeff Karam

NCSEA Scholarship

NCSEA will soon be announcing their annual Scholarship Program and application procedures for Young Members (under age 35) from any Member Organization (including SENH) to apply for a scholarship to cover costs to attend the 2018 Structural Summit.

The SENH Young Member Group has been contacted to poll their members for candidates interested in applying for a scholarship to attend the Summit.

2017 Structural Summit

Bob Durfee and Alex Azodi attend the 2017 summit as your Delegates. Their Delegate Report for the 2017 NCSEA Structural Summit has been posted on the website.

NECSEA Committee

SENH Delegate: Bob Durfee
SENH Alternate Delegate: Jeff Karam
Member: Alex Azodi

Member Organization Meetings

The Northeast Collation of SEA's continues to hold teleconference meetings bi-monthly. Alex Azodi and Bob Durfee represent SENH on this Committee. The Committee coordinates meeting announcements by all Northeast Member SEA's for SENH to announce to our members. Recent announcements have included meetings by SEAM (Maine) and SEAMass (Massachusetts) on structural or technical topics.

Building Codes

Maine has adopted the IBC 2015.

NCSEA Board of Director Nominations

Currently, the NCSEA Board has no representation from the Northeast. Several openings on this Board will occur in May. NECSEA is seeking nominations for candidates whom live and practice in the Northeast. If you are interested in being nominated for a position on the NCSEA Board, please contact your Delegates (Bob Durfee or Jeff Karam). Nominations by SENH must be submitted by *May 15, 2018*.

Ad-Hoc Awards Committee

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

The Committee issued the Call for Entries for the 2018 Excellence in Structural Engineering Awards Program. Entries were due March 1, 2018. All entries received have been announced and highlighted in this newsletter. Awards program and announcement of awards will be held at the May SENH meeting (May 17th or thereabout).

UNH Information Page

LOOKING TO HIRE?

Stephanie Whitney of UNH has shared some tips for those that have waited until the last minute to think about hiring recent grads. She noted that employers can utilize Wildcat Careers, UNH's online job portal, for posting job and internship opportunities. Students receive a weekly career email from their team notifying them of recently posted opportunities directed towards students within the college. Additionally, if requested by the employer, Stephanie can also create a flyer and have it hung on the civil board in Kingsbury. She shared that she heard from a local firm that the internship posting flyer made a huge difference in the number of applicants they had! UNH has also hosted a handful of companies this Spring for on-campus interviews, which is another great service they offer.

If you are promising yourself that you won't procrastinate next year -- both Stephanie and Professor Cook stress doing things in the fall. By the time spring rolls around, a lot of the students are already snapped up. So fall engagement is key.

Below is a summary of the above PLUS some added bullets from Professor Cook's list that are not to be ignored:

- Wildcat Careers
- Fall and spring job fairs
- Coming in to do resume reviews
- Flyers
- On campus interviews
- Letting faculty know you're hiring
- Sponsoring student activities

Contact Stephanie Whitney, Career Director, College of Engineering and Physical Sciences

Career and Professional Success (CaPS)

Kingsbury Hall W257, 33 Academic Way

Durham, NH 03824

(603) 862-0997

Stephanie.Whitney@unh.edu

SENH Announces UNH Scholarship Winner Submitted by Matthew Low, P.E.

Structural Engineers of New Hampshire (SENH) is very pleased to announce that one University of New Hampshire (UNH) Civil Engineering student has been selected for the 2018 SENH Scholarships of \$1,000. Students entering their senior year of studies with a focus on structural engineering are eligible. This year, Mr. Timothy Murray was named the winner of the Arthur W. Rose, Jr. Memorial Scholarship. A scholarship award ceremony will be held in October 2018 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 May Meeting Announcement

- NEXT MEETING:** Thursday, May 24, 2018
- PRESENTATION:** **Non-Destructive and Geophysical Testing**, by **William Horne** of NDT Corporation. This presentation will cover types of non-destructive testing such as sonic/ultrasonic, impact echo (IE) & pulse velocity (PV), ground penetrating radar (GPR), and seismic refraction survey (SRS). Equipment, theory, and results of testing concrete will be discussed, as well as testing applications and testing anomalies in post tensioned ducts and cables.
- SPEAKER:** **William Horne** is the President of NDT Corporation, a non-destructive testing company based in Sterling, MA. Working in the consulting industry for over 20 years, Mr. Horne has experience successfully managing bridge inspection/assessment/ rehabilitation projects for many private and governmental clients. He is published in the field of geophysical investigations and has also applied this technology to the non-destructive testing of concrete, steel, masonry and timber members. Mr. Horne attended graduate school full time at Clarkson University and as a Research Assistant, he was directly responsible for developing, coordinating, and implementing Clarkson University's research program for detecting bridge scour using a ground penetrating radar (GPR) system.
- PLACE:** The Derryfield Restaurant
625 N. Mammoth Road
Manchester, NH 03104
(603) 623-2880
- AGENDA:**
- 5:15 pm – 6:15 pm Registration/Social Hour/Review Posters
 - 6:15 pm – 7:00 pm Dinner
 - 7:00 pm – 7:15 pm Business Meeting
 - 7:15 pm – 7:30 pm Strategic Plan Presentation
 - 7:30 pm – 8:00 pm Awards Program
 - 8:00 pm – 9:00 pm Presentation
- DINNER:** Buffet with choice of Chicken Marsala served with Crostini and white mushrooms, pan roasted with a Marsala wine sauce or Mediterranean Haddock served with spinach and feta cheese, topped with a prima rosa sauce
Please include any food allergies or dietary restrictions to be accommodated.
- COST:** Member: \$50.00 - Non-Member: \$55.00 - Student: \$15.00
“No-shows” will be billed at full amount.
- RSVP:** By Thursday, May 17, 2018. 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:
TFMoran, Inc.
Attn. Cassi Beroney
48 Constitution Drive
Bedford, NH 03110
cberoney@tfmoran.com
- NOTE:** 2.0 PDHs have been assigned for attendance. Attendees are responsible for ensuring their check-in on the attendance list upon arrival at the meeting.

March Attendance List & Meeting Minutes

Various Structural Design Presentations (2.0 PDH's)
University of NH, Kingsbury Hall, McDaniel Drive, Durham, NH March 21, 2018

Name	Organization	Name	Organization
<i>Adam Stockin, P.E.</i>	<i>WSP USA</i>	<i>speaker</i>	Katelyn Welch, EIT Hoyle Tanner & Associates, Inc.
<i>Chris Wong</i>	<i>Student - UNH</i>	<i>speaker</i>	Kayla Hampe, EIT Hoyle Tanner & Associates, Inc.
<i>Connor Brennan</i>	<i>Student - UNH</i>	<i>speaker</i>	Kenneth G. Marshall, P.E. Foley Buhl Roberts & Assocs., Inc.
<i>Linda McNair-Perry, P.E., SECB</i>	<i>Hoyle Tanner & Associates</i>	<i>speaker</i>	Kyaw Zawhein Student - UNH
<i>Nicole Sanborn</i>	<i>Student - UNH</i>	<i>speaker</i>	Michael Sievert, P.E., SECB, GSDI MJS Engineering, P.C.
<i>Rachel Blandford</i>	<i>Student - UNH</i>	<i>speaker</i>	Natasha Kulchitsky TFMoran Inc.
<i>Robert Durfee, P.E., SECB</i>	<i>Dubois & King, Inc.</i>	<i>speaker</i>	Nevin Gomez WSP USA
<i>Sam Doyde</i>	<i>Student - UNH</i>	<i>speaker</i>	Robert Busby, P.E. Kalwall Corporation
<i>Sarah Moriarty</i>	<i>Student - UNH</i>	<i>speaker</i>	Robert Durfee, P.E., SECB Dubois & King, Inc.
Abe DeMaio	Student - UNH		Ross Wood, P.E. Hoyle Tanner & Associates, Inc.
Andrew Burch	Student - UNH		Sam Bean Student - UNH
Bob Champagne, P.E., LEED	Summit Engineering Inc.		Sean Brown Kleinfelder
Christopher Fournier, P.E., SECB	HEB Engineers, Inc.		Stephen Langevin, P.E. Greenman-Pedersen, Inc.
Eric Caron	Student - UNH		Steve Hodgdon, P.E. Hoyle Tanner & Associates, Inc.
Jeffrey Benway			Thomas Kilrain, P.E.
Joe Lebreque	Student - UNH		Timothy Polson, P.E., ENV SP WSP USA
Joe Ripley, P.E.	Hoyle Tanner & Associates, Inc.		Tom Lamb, P.E. TFMoran Inc.
Josif Bicja, P.E.	Hoyle Tanner & Associates, Inc.		

Business Portion of the Meeting

Chris Fournier Began the business portion of the meeting.

University of New Hampshire students are encouraged to sign up for an SENH membership. There is no membership fee for students.

Volunteers for board of director positions are needed. Adam Stockin and Bob Champaign's terms will expire this year and their positions need to be filled. Nominees will be voted for at the next membership meeting.

Sean Brown provided an SENH younger member update.

Josif Bicja Treasurer provided a financial update.

If you have not yet paid this year membership dues, please do.

Two UNH student groups presented.

UNH Engineers Without Borders group presented on their work on a water system for a community in Uganda. The group partnered with a local organization to plan three trips to Uganda to make improvements to a community's water supply. Trips were planned for assessment, implementing and monitoring. Future water supply projects are planned.

The UNH Engineers Without Borders chapter meets regularly on campus.

A group of UNH students presented about their project to explore the cause of a 2005 tower crane collapse in West Palm Beach Florida. The crane collapse during hurricane Wilma. The group discussed their theories on the causes of the collapse including column and anchor bolt failure.

Three SENH members provided presentations.

March Attendance List & Meeting Minutes

Various Structural Design Presentations *Continued from page 4*

Presentations

Linda McNair Perry P.E. Hoyle Tanner and Associates

Riverwalk Resort Lincoln, NH

The river walk resort is a 7 story 153,000 square foot residential resort adjacent to Loon Mountain. The project is located at the former site of a mill building that was demolished prior to construction. The building is of type B construction and is comprised of steel framing with cold formed steel roof truss framing. Extensive coordination between the owner general contractor and sub consultants was required.

Robert Durfee P.E. Dubois and King

Covered Bridges

Covered bridges are defined as timber framed bridges with a roof, walls and timber trusses as the primary support member. The roof and walls of the bridges are built to protect the structure from rot. The majority of the bridges were originally privately built and used tolls for revenue. Most of these bridges were constructed between 1820 and 1900 before steel became more prevalent. New Hampshire has the 5th most covered bridges in the US. Approximately 50% of these bridges are through truss type bridges.

Covered bridges are constructed of old growth native trees including white pine, spruce, hemlock, and larch. The wood quality is generally good and members are often found to be up to 14 inches thick and up to forty feet long. Wrought iron bolts, spikes, rods, spikes, nails etc. are used to connect the members. Common covered bridge truss types include king post, multi kingpost, Burr, Paddleford, Queen Post and, Town Lattice types. The Town Lattice and Paddleford trusses are the most prevalent in NH.

There is not a specific design code for covered bridges. A collection of codes and engineering judgement must be used for their design and repair. A focus on preserving the historic fabric of the covered bridges is important in repair design. Typically floor beams are the limiting capacity of the bridge. Geometric constraints and the structural capacity of the existing framing often limit the load rating of covered bridges.

Case studies of repair projects were also presented.

Adam Stockin P.E. WSP

Bridge Replacement New Haven, VT

The design and construction of the replacement of the bridge was presented. The design of the bridge was constrained by the hydraulic opening, horizontal curvature, vertical alignment, and poor soils. Many of these items were problematic for the existing bridge which had a history of traffic accidents and flooding. An alternates selection matrix was presented to the community and meetings with abutters were planned as part of the interactive design process.

Ultimately, a single 8 foot diameter monoshaft in the river was chosen as the single central support of the bridge girders. H piles were used for support of the bridge abutment. A complete three-dimensional analysis was used for the design of the bridge. Jointless construction was also designed.

Accelerated bridge construction was also chosen to limit disruption and allow for complete closure of the bridge during construction. Precast elements were used for many elements to accelerate construction. Elements of the bridge were pre-fit prior to shipping to the site. An in depth task by task construction schedule was planned which included incentives/disincentives.

Excellence in Structural Engineering Award Nominees

Awards Category: Building Structures

Project Name: Melampy's Barn

Project Locations: Dunstable, MA

Structural Design Firm: Team Engineering

Project Highlight: Team Engineering is proud to highlight the structural design of this unique residential barn. The visible portions of the structure include heavy timber post and beam roof and mezzanine framing, and custom-harvested, western red-cedar interior "tree" columns. The structure also includes LSL wall studs, steel moment frames for lateral load resistance, structural floor plank, I-joist floor joists, steel columns, pre-fabricated wood trusses, curved fir stair stringers, and shallow concrete foundations.



Team ENGINEERING
Building Inspection & Design



2018 SENH EXCELLENCE IN STRUCTURAL ENGINEERING AWARDS
BUILDING STRUCTURES



FW Webb Central Distribution Facility

Summit Engineering was part of a multi-disciplinary design build team for the construction of the new \$56.6 million FW Webb Central Distribution Facility in Londonderry NH. The building consists of a 724,000 sf warehouse and 48,000 sf office space with additional freestanding exterior canopies.



Earthwork and blasting to prepare site
(courtesy of Greenleaf Construction)



Overall building under construction
(courtesy of Greenleaf Construction)



Interior warehouse
(courtesy of Greenleaf Construction)

Project Challenges:

- Fast schedule: 3 months for design, 18 months from ground breaking to turnover
- Large warehouse slab with no control joints using Type K shrinkage compensating concrete
- Coordination between multiple structural systems and suppliers
- Short turnaround for delegated design review required close collaboration within the team



Exterior canopies
(courtesy of Greenleaf Construction)



Completed building
(courtesy of Greenleaf Construction)

Project Name: F.W. Webb Central Distribution Facility

Project Locations: Londonderry, NH

Structural Design Firm: Summit Engineering

Project Highlight: Summit Engineering was part of a multi-disciplinary design build team for the construction of the new \$56.6 million FW Webb Central Distribution Facility in Londonderry NH. The building consists of a 724,000 sf warehouse and 48,000 sf office space with additional freestanding exterior canopies. A type K shrinkage compensating concrete mix was selected to eliminate interior contraction joints and limit construction joints.

Excellence in Structural Engineering Award Nominees

Awards Category: Bridge Structures



Project Name: Sewalls Falls Bridge Replacement

Project Locations: Concord, NH

Structural Design Firm: McFarland-Johnson, Inc.

Project Highlight: The original Sewall's Falls Bridge was constructed in 1915. The project utilized FHWA's Every Day Counts initiative. The City was sensitive to the fact that it was replacing a 100-year old bridge and the team worked closely with local historians and the Department of Historic Resources. Due to its age, complete replacement was required. The team succeeded in developing a modern bridge that paid homage to the historic structure, while fitting within the context of the surroundings.

Project Name: Village Covered Bridge (Friendship Bridge) Adaptive use

Project Locations: Wentworth, NH

Structural Design Firm: Dubois & King, Inc.

Project Highlight: Wentworth, NH, and the NHDOT faced a complex situation: an irreparable 96-foot-long steel truss bridge over the Baker River was to be removed, rerouting all pedestrians along an unprotected shoulder on NH 25. Concurrently, the client found a freely available, but longer, 106-foot covered bridge at an active demolition site. Rapidly, under a small, uncertain budget, Dubois & King designed shoring and historic rehabilitation for transport of the bridge to be placed on modified abutments.



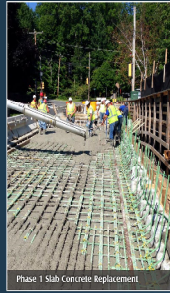
Excellence in Structural Engineering Award Nominees

Awards Category: **Bridge Structures** *(continued)*

Union Street Bridge Rehabilitation



- This project rehabilitated the historical Union Street Bridge over Nubanusit Brook, which is a 65'-0" clear span reinforced concrete rigid frame founded on spread footings. It carries two 12'-0" travel lanes and a 5' wide sidewalk.
- Bridge rehabilitation was chosen over replacement because it offered the least initial construction cost, construction duration, and environmental and utility impacts. Additionally, the cost benefit for rehabilitation was greater than that of replacement. The rehabilitation consisted of replacing the frame slab and concrete repairs to the frame legs.
- The existing slab fascia granite-stones and stone-faced concrete parapets were mapped, removed and reset to preserve the original stonework and the structure's historic integrity.
- Traffic was required to be maintained during construction.
- The reinforcement layout was redesigned during construction by Hoyle, Tanner to use #9 Grade 60 reinforcement as a substitution for the square bars removed.
- The Union Street Bridge rehabilitation project, designed by SENI members, successfully maintained a historic structure in a vintage setting.



Project Name: Rehabilitation of the Union Street Bridge over the Nubanusit Brook

Project Locations: Peterborough, NH

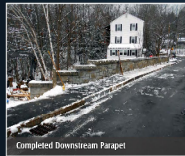
Structural Design Firm: Hoyle, Tanner & Associates, Inc.

Project Highlight: The Union Street over the Nubanusit Brook bridge, constructed in 1937, is a 65'-0" clear span reinforced concrete rigid frame. Based on the bridge's National Register eligibility and significance of the project area, the bridge was rehabilitated by replacing the frame slab with concrete repairs to the frame legs. Cold River Bridges constructed the project and completed it seven months ahead of schedule. The Union Street bridge rehabilitation project successfully preserved a historic structure.

1937 original bridge construction

1.25" existing square reinforcement bars, coming out of the frame legs, were retained

7 months completed ahead of schedule



Hoyle, Tanner & Associates, Inc.



Excellence in Structural Engineering Award Nominees

Awards Category: **Special Structures**

Project Name: Nansen Ski Jump Renovation

Project Locations: Milan, NH

Structural Design Firm: HEB Engineering

Project Highlight: HEB undertook a structural assessment of the Nansen Ski Jump to determine what repairs were needed for a safe jump. After creating a 3D finite-element model using the original as-built drawings, HEB performed a visual assessment and made recommendations for immediate and long-term repairs including replacing steel members, defective welded connections, and all wood deck and railing members. The ceremonial jump was successfully completed by Team USA ski jumper Sarah Hendrickson on March 4, 2017.

PROJECT NANSEN SKI JUMP RESTORATION

Milan, NH

CLIENT Red Bull North America | Santa Monica, CA
in conjunction with NH Bureau of Historic Sites and Friends of Nansen Ski Jump

FIRM HEB Engineers | North Conway, NH

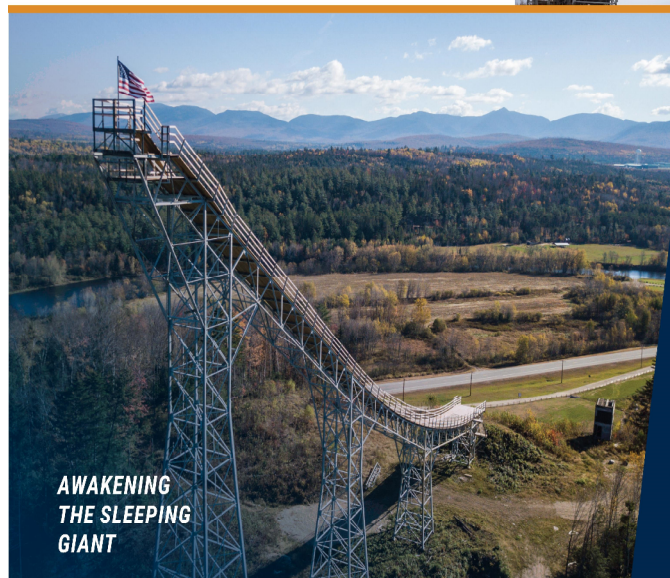


HEB
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Built in 1936, the Nansen Ski Jump was the largest ski jump in the East. The US Olympic Ski Jumping Trials and four National Championships were held there before the jump became outdated. It was closed in 1988.

In 2014, Red Bull approached the Friends of Nansen Ski Jump and NH Bureau of Historic Sites with a proposal: To pay tribute to the historical site and the sport of ski jumping, Team USA ski jumper Sarah Hendrickson would make a ceremonial jump.

HEB Engineers undertook a structural assessment to determine what repairs were needed for a safe jump. After creating a 3D finite-element model using the original as-built drawings, HEB performed a visual assessment and made recommendations for immediate and long-term repairs. With repairs completed, Team USA ski jumper Sarah Hendrickson completed a ceremonial jump March 4, 2017, as shown in the photo courtesy of Red Bull Content Pool / Dave Trumppore.



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