
Office of Emergency Management (OEM)

The SENH Board of Directors have appointed Member, Mr. Thomas A. French, P.E. of Hoyle, Tanner & Associates, Inc. as the chairperson of the newly forming OEM Committee. This committee will be responsible for coordination with the New Hampshire OEM and ACEC-NH for training of structural engineers to evaluate structures after disasters. If you are interested in being involved with the committee or in being trained for disaster response, please contact Tom at (603) 669-5555 or at tfrench@hta-nh.com.

November 14, 2002 - Meeting

The next SENH business meeting will be November 14, 2002 at the Red Hook Brewery in Portsmouth, NH. See the announcement in this newsletter. Please be courteous to our Administrative Assistant and respond by the designated RSVP date.

January Meeting - Bridge Topic

January's meeting is being planned. The tentative date is January 16, 2003. This meeting will also be a joint meeting with ASCE-NH. At this time, it is anticipated that the meeting will include an afternoon tour of a local bridge steel fabrication plant followed by a business meeting. Please stay tuned for more details in the upcoming weeks.

RSA 508:4 and 508:4-b

SENH's Amicus Brief regarding interpretation of the above statutes was submitted to the NH Supreme Court in September. AIA and SENH just recently received a response from attorneys for the plaintiffs in the case that has generated discussion of the statutes. At this point, the Supreme Court has yet to rule on the issue. The SENH Legislative Committee will keep the membership up to date on this issue.

SENH Newsletters Go Electronic

The Board of Directors, in an effort to reduce expenses and keep dues low, wishes to begin sending the newsletter to all of our members via e-mail in .pdf format. This newsletter will be used as a test case, but we hope to eventually substantially reduce the costs of copying and postage by going paperless. Of course paper copies will still be sent to members who do not have internet/e-mail access or those who specifically request a mailed copy. Each member will be asked how they would like their newsletter delivered as a part of the dues renewal process in December.

As always, if you have any questions regarding SENH, what's planned for the future etc., please do not hesitate to contact any member of the Board of Directors.

See You at the Red Hook in November!

Sincerely

Structural Engineers Of New Hampshire

Matthew J. Low, P.E.

President.



Structural Engineers of New Hampshire Meeting Attendance

DATE: September 18, 2002
PLACE: Jesse's Steaks, Hanover, NH
RE: Design and Repair of Timber Connections Joint Meeting w/SEA VT
 (2.0 PDH Assigned)

NAME	ORGANIZATION	NAME	ORGANIZATION
Matthew Allen	JSN Associates, Inc.	James Karmozyn	HE Bergeron Engineering
Jason Ayotte	Hoyle, Tanner & Associates, Inc.	Dave Konieczny	Pyramid Engineering
Alex Azodi	Stahlman Engineering	Dennis LaBombard	LaBombard Engineering
Josiah H. Bartlett	Wood Structures Inc.	Jeff Long	Hoyle, Tanner & Associates, Inc.
H. Edmund Bergeron	HE Bergeron Engineering	Matt Low	Hoyle, Tanner & Associates, Inc.
Robert L. Brungraber	Benson Woodworking Co., Inc.	David Macolini	JSN Associates
Robert Busby	Kalwall Corporation	Kenneth Marshall	Foley & Buhl
Lou CoteSteffensen	Engineering Assoc.	Donald Mayo	Donald F. Mayo, P.E., Inc.
Tony Coviello	Kimball Chase	Raymond Morin	
Paul Douquette	Dufresne-Henry	Stephen Richard	Steffensen Engineering Assoc.
Dale Dubois	Dubois Engineering Assoc., Inc.	Jennifer Rockwell	Hoyle, Tanner & Associates, Inc.
Robert Durfee	Hoyle, Tanner & Associates, Inc.	Jason Ross	HE Bergeron Engineering
Fred Emanuel	Emanuel Engineering, Inc.	Kyle Roy	Kimball Chase
George Fallet	Consulting Engineer	William Saffian	
Thomas French	Hoyle, Tanner & Associates, Inc.	Peter Steffensen	Steffensen Engineering Assoc.
Jason Gallant	Parsons Transportation Group	Bruce Stewart	Stewart Structural Engineering
Roger Gayer	Structures Unlimited	Robert Tarquinio	Parkview Consulting, Inc.
Carl Goldknopf	Vine Associates	Benjamin Tirey	Str. Eng. Consultant
Martin Gorham	JSN Associates	Jeffrey Tirey	Tirey & Associates, P.C.
Timothy Grant	TL Grant Engineering	Jeffrey Trexler	Trexler Engineering
Marcus Hann	SFC Engineering Partnership	Chris Turgeon	Jesseman Associates, P.C.
Robert Hartford	Kalwall Corporation	Andrew White	Tirey & Associates, P.C.
Karie-An James	TranSystems Corporation	Mark Zydel	McFarland Johnson
Sean James	Hoyle, Tanner & Associates, Inc.		

Guest Speaker:

Ed Levin Proprietor of Paradigm Builders, in Hanover, NH & a founding director of the Timber Framers Guild of North America

SENH September 18th Meeting Minutes

- I. BUSINESS MEETING:** The meeting began at 7:20 pm, after the social time and dinner, and ended at 7:35 pm.
1. Matt Low announced Roger Gayer's appointment to the SENH Board of Directors and announced the new officers.
 2. Matt Low announced two new associate members: Jeffrey T. Klein, E.I.T., Vanesse Hangen Brustlin, Inc. and Cynthia A. Mrazik, E.I.T., Kimball Chase.
 3. Jim Karmozyn gave a treasurer's report of a SENH account balance of about \$6774, a \$1660 NCSEA dues invoice to be paid and an estimate of a balance of about \$5400 after this evening's dinner meeting costs/income are processed.
 4. Matt Low announced the October 18 CMU Design Seminar at The Yard, \$90 for SENH members, and the November 14 dinner meeting at Red Hook Brewery in Portsmouth with Concrete Mix Design as the technical presentation topic.
 5. Matt Low announced that the Board approved this afternoon a new specialty committee, the Office of Emergency Management (OEM) Committee. The NH OEM has approached engineering organizations for volunteer engineers for building damage/risk assessment. ACECNH will guide the NH OEM's efforts and work with SENH to form a roster of structural engineer volunteers who will receive training administered by ACECNH. SENH needs a Committee Chairman for this new committee who will work on coordination with Art Rose of ACECNH. Jim Karmozyn will be the Board of Directors liaison with the specialty committee. Matt solicited future volunteers for the roster of structural engineers.
 6. Matt Low announced that the Board of Directors has signed a letter to CRREL asking for approval of an abbreviated snow load report, about 7 pages, that can be incorporated into the NH State Building Code. Matt also announced that Ray Cowan has been appointed as the structural engineer on the newly created State Building Code Review Board.
 7. Matt Low announced that Deb Coon, SENH Administrative Assistant, has asked that any name tag corrections be noted on the name tags and that appropriate corrections will then be made.
 8. Matt Low announced the ICBO/NCSEA IBC 2000 Structural Provisions Seminar on October 30 at the Highlander Inn at Manchester Airport.
 9. Richard Dahl, Structural Engineers Association of Vermont, thanked SENH, Bob Durfee and Matt Low for sharing information and providing access to SENH records which were utilized in the creation of Structural Engineers Association of Vermont. He announced that the Timber Framers Guild annual meeting will be in Burlington, Vermont this year. Richard described Vermont doing something similar to the OEM effort in NH.

II. TECHNICAL PRESENTATION

Ed Levin, Paradigm Builders, Hanover, NH gave a presentation on timber frame and joinery design. He is a founder and member of the Timber Framers Guild. He gave a description of the Guild and the publishing in which it engages and how to access those publications. Ed described timber framing in the United States as reaching a peak before the Civil War.

Ed Levin's presentation gave examples of timber framed structures. He showed examples of old sawmills, windmills, old barns, new barn replicas of old barns and churches. Ed gave an extensive review of bending of wood members into curved final shapes and the development of techniques and fabrication methodology for creating curved timbers. The presentation included a history of timber framed large scale weaponry and tools such as cranes as well as modern projects that have recreated full scale replicas of historically described and detailed timber frame operating mechanisms.

Ed reviewed timber framed bridges and covered bridges including modern constructions. He gave a detailed description of cambering issues, analysis and design techniques. The presentation concluded with examples of timber framed buildings and houses.

Meeting adjourned at 9:00 pm.

Minutes Approved: 10/22/02

Respectfully submitted, Benjamin E. Tirey, P.E., Secretary, SENH

NOVEMBER MEETING ANNOUNCEMENT

- DATE:** Thursday, November 14, 2002
- SUBJECT:** Designing Ready Mixed Concrete Mixes
Robert Myers, Executive Director, Northern New England Concrete Promotion Association, will provide a presentation on concrete mix design and concrete admixtures. Concrete has become, for some, a construction material commodity. The versatility of this "moldable stone" highlights the true value of this construction material. Bob will address the concept of a quality concrete mix design: Appropriately combine the materials used in the concrete mix into a moldable, workable product that will form a dense, durable mass. The intent of the presentation is to review some of the fundamentals of concrete mix designs, specific to concrete materials, and the development of concrete mixes. Bob will explore the use of portland cements, aggregates, and chemical and mineral admixtures. Several members of NNECPA are anticipated to provide informational booths available to meeting attendees during the social time and presentation.
- PLACE:** Red Hook Brewery, Pease Trade Port, Portsmouth, NH Phone: 430-8600
- DIRECTIONS:** Rte. 101 East, 95 North, take Exit 4 (left exit-Rte. 16 North), take 1st Exit for Pease Tradeport-Gosling Rd., left at lights at base of ramp, left at 2nd lights onto International Dr., left at stop sign, 2nd left driveway.

Rte. 4 to Rte. 16 South, take Pease Tradeport Exit (Gosling Road), right at lights at base of ramp, left at 2nd lights onto International Dr., left at stop sign, 2nd left driveway.
- AGENDA:** 5:00 Social time
6:30 Dinner
7:15 Business Meeting
7:30 Technical Presentation and discussion
9:00 Adjourn
- DINNER:** Buffet including grilled breast of chicken, grilled salmon, salad, rolls, vegetable, oven roasted potatoes, dessert, coffee
- COST:** Members: \$25.00 Non-member: \$30.00 Full time student: \$15.00
- RSVP:** by Monday, November 11, 2002 - All reservations must be honored.
Please send check payable to Structural Engineers of New Hampshire with list of attendees to:

SENH
P.O. Box 226
Manchester, NH 03105-0226
Contact: Deb Coon, Administrative Assistant- (603) 669-5555
- NOTE:** 2.0 PDH's have been assigned for attendance to this program. Attendees are responsible for ensuring their check-in on the attendance list upon arrival at the meeting.
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**STRUCTURAL ENGINEERS
OF NEW HAMPSHIRE**

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Manchester, NH 0 10 022

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