

NCSEA Conference
September 30 – October 2, 2010
Jersey City, NJ

CONFERENCE REPORT
Robert H. Durfee, P.E., SECB, SENH Delegate
Alex Azodi, P.E., SECB, SENH Alternate Delegate

The 18th Annual Conference was held in Jersey City, New Jersey. The conference was well attended with 37 of the 43 member organizations sending delegates. Four of the six New England states were represented by delegates (Vermont & Maine absent). One (1) new member organizations joined NCSEA this past year (Mississippi). Approximately 120 structural engineers and 34 vendors attended the conference with delegate spouses attending and participating in many social activities. Of the total number of attendees, 20 were from the local organization SEA of New York.

Thursday, September 30th

Numerous NCSEA committees met during the day to work on their assigned topics.

- **Basic Education Committee**
- **Code Advisory Committee**

Alex Azodi is a member of the Code Advisory committee, General Engineering Subcommittee. For this code cycle, this subcommittee reviewed 245 IBC Code Change Proposals to IBC 2009 and advocated positions on 172 of them. 56 positions were for disapproval. The subcommittee developed six CCP and was successful in five of them. The meeting this year was to discuss the results of the final ICC hearing and to decide which unfinished items should be considered further for the 2015 code cycle. Additionally, since the 2012 code cycle is now closed to any further structural code change proposals, the focus of this committee in the next year will be on the changes to IRC and the structural implication of International Green Building Code.

- **Advocacy Committee**

Bob Durfee is co-chair of this Committee with Sarah McClendon (SEA of Idaho). The Committee reviewed the recent accomplishments of the past year which include developing a new promotional poster, developing a Structural Engineer promotional brochure for clients, and publishing a media contact list and expert contact list.

The Committee met with Director Tom DiBlasi and reviewed a draft of the NCSEA Strategic Plan and it's directives that will be the responsibly of Advocacy to achieve.

- **SEER Committee**
 - **Seismic Subcommittee**
 - **Wind Engineering Subcommittee**
 - **Licensing Committee**
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A full day of technical track was offered. This track was prepared by SEA of New York.

- **Keynote Address: The Future of New York City Building and Construction**
Robert D. LiMandri, Commissioner, NYC DOB
- **NEESWood Capstone - World's Largest Shake Table Test of Mixed-Use Steel/Wood Light-Frame Structure**
Steve Pryor, Simpson Strong-Tie
- **High Strength Concrete - Lessons Learned at the World Trade Center**
Caz Bognacki, Port Authority of New York and New Jersey
- Lunch and Presentation by Cives Steel: **The Need for Stiffeners and the Effect of Lap Eccentricity in Extended Tabs and Double Coped Beams; A New Shear Lag Model for Longitudinally-Welded Tension Members,**
Pat Fortney
- **SE Emergency Response after 9/11 – Looking Backward, Moving Forward**
Vicki Arbitrio, Gilsanz, Murray, Steficek
- **Structural Performance in Fire Conditions**
David Scott, Arup, and Ramon Gilsanz, Gilsanz, Murray, Steficek
- **Lake Champlain Bridge Projects**
Ted Zoli, HNTB
- **Opening Reception**

The opening reception and vendor exhibit was held from 6:00 to 8:00 pm. Thirty (34) exhibitors were present. Exhibitor booths covered numerous structural products and services including software, bolts & fasteners, concrete anchoring systems, concrete repairs, building codes and testing equipment, and building retrofit.

New England Coalition of Structural Engineer Associations

The Delegates and attendees from the New England States met from 8 to 10 pm in the Hotel restaurant for beverages, and to discuss issues common to the New England region. Specialty Licensing, Emergency Response (SEER), and the possibility of an annual New England wide structural engineering conference were discussed.

Friday, October 1st

Numerous technical presentations were made throughout the day regarding structural engineering. Technical notes, outlines and Power Point files for all presentations will be posted on the NCSEA website. The following presentations were made:

- Presentation by Girder-Slab: **Structural Steel and Hollow Core Precast Concrete for Multi Story Residential**
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- **Protecting People and Neighboring Property During Excavations**, *Tim Lynch, NYC DOB*
- **Harmonization of Masonry Design Requirements Between ASD and SD**, *Ed Huston, Smith & Huston*
- **How the Chilean Earthquake Will Change Engineering in America**, *Ramon Gilsanz, Gilsanz, Murray, Steficek and Ron Hamburger, Simpson Gumpertz & Heger*
- Lunch and Presentation by the Steel Institute of New York: **Constructability is The Common Thread Leading to the Wise Use of Resources**, *David Ruby, ruby+associates*
- **New York Underground; East Side Access Project**, *Colin Barratt, Parsons, Brinckerhoff*
- **AISC Seismic Design Provisions: Past, Present and Future**, *James Malley, Degenkolb Engineers*
- **The Solomon R. Guggenheim Museum Restoration: Structural Investigation and Repairs**, *Nancy Hudson, Robert Silman Associates*
- **Evening Reception**

An evening reception and dinner was held at Carmine's Italian Restaurant at Times Square.

Saturday October 2nd

The conference agenda on Saturday morning consisted of NCSEA Committee Reports and the NCSEA Business Meeting. All committee reports will be posted on the NCSEA website.

- **Roll Call of Delegate and Member Organization Remarks**

During roll call 37 of the 43 member organizations were represented by the delegates.

- **Code Advisory Committee Report**, *Ronald Hamburger, Chair*

The Committee reviewed 254 proposals for changes to the IBC 2012 Code. The Committee advocated 172 proposals, and disapproved of 52 proposals.

- **Advocacy Committee Report**, *Bob Durfee, Co-Chair*

The Committee will be developing a new structural promotion poster theme, a PowerPoint presentation for promoting structural engineering to high school students, and a tri-fold promoting structural engineering to clients. The committee is seeking 3-4 new members to sit on sub-committees.

- **Basic Education Report**, *Craig Barnes, Chair*
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- **Continuing Education Report**, *Mike Tylk, Chair*
- **Licensing Committee Report**, *Susan Jorgensen, Chair*

A summary of Structural Licensing in all 50 states was presented.

- Eight (8) states have Practice Restrictions
- Three (3) states have Title Restrictions
- Six (6) states have roster designations

The states of California, Florida, Texas, Georgia, Nebraska and Illinois have active structural practice acts.

The states of Ohio, Minnesota, Idaho, South Carolina, Tennessee, Arizona, Maine and Arkansas are exploring Practice Acts.

- **Publications Committee Report**, *Tim Mays, Chair*
- **Structural Engineers Emergency Response Committee Report**, *Scott Nacheman, Chair*
- **Treasurer's Report**, *Ben Nelson, Treasurer*
 - Assets: \$500,878.46
 - 2010 Budget: \$852,200
 - Dues for 2011 will increase from \$16 to \$20
- **Certification Report**, *Ronald Hamburger, Chair, SECB*

Current SECB certifications are 1,600. The Committee is working with the State of California and the PE Board to define the use of the term "Structural Engineer".

- **Introduction of the NCSEA 2011-2015 Strategic Plan**
- **Breakout sessions**
 - Goal 1: Promote the Profession
 - Goal 2: Represent the Profession
 - Goal 3: Improve the Profession
 - Goal 4: Enhance Communication with the Member Organizations
 - Goal 5: Energize Committee Activity
- **Regroup for Discussion of Goal 6: Enhance Financial Security**
- **NCSEA Board of Directors Meeting**
- **Awards Banquet**

Evening activities included a cocktail hour social and dinner/awards banquet. The Awards Committee received numerous project applications for awards. The Committee presented fifteen (15) awards for outstanding projects in eight (8) expanded categories as follows:

- New Buildings (Over 100 Million in Construction)
- New Buildings (100 Million to 30 Million in Construction)
- New Building (10 Million to 30 Million)
- New Buildings (Under 30 Million in Construction)
- New Bridges and Transportation Structures
- International Structures
- Forensic / Renovation / Retrofit / Rehabilitation Structures
- Other Structures

Award winners and their projects will be published in a future issue of Structure Magazine.

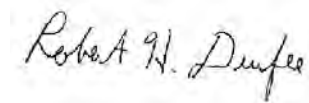
- **19th Annual NCSEA Conference**

Oklahoma (SEAOK) has been identified as the host of the 19th Annual Conference which will be held on September 20- September 22, 2010, in Oklahoma City, OK. Two (2) full days of technical presentations are planned for this conference.

Acknowledgements

I would like to thank SENH for supporting registration, hotel and travel expensed for me to attend this conference as your delegate from New Hampshire. This year Alex Azodi again joined me in attending the conference and participated in many of the concurrent activities that were available. I wish to thank Alex for his participation.

Respectfully Submitted,



Robert H. Durfee, P.E., SECB
SENH Delegate