

SEAI NEWSLETTER

March 2007



Structural Engineers Association of Idaho

P.O. Box 8733, Boise, ID 83707

www.seaidaho.org

SEAI Mission Statement:

"To promote and enhance the Structural Engineering profession in Idaho by educating the public about the activities of Structural Engineers and their benefit to society and by providing professional development and support to SEAI members that is relevant, reliable, and inspirational to modern engineering practices."

BOARD OF DIRECTORS & AND COMMITTEE CHAIRS

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SEAI MEETING — MAR 20TH



SEAI holds regular meetings every third Tuesday of the months September thru June.

Please RSVP with entrée selection to Wilson Antoniuk at antoniw@trusjoist.com or 395-2458 by noon the Friday before the meeting.

We will turn no one away at the door, but if we do not receive your RSVP on time we cannot guarantee that there will be any food for you to eat! Please note that, regardless of whether you eat or not, you will still need to pay meeting fees, so get those RSVP's in! **Also, if you RSVP and decided not to show, Murphy's will still charge SEAI for your lunch and SEAI will politely pass this charge on to you.**

HAVE A SUGGESTION FOR A MEETING?

If you have any suggestions for future speakers, items of discussion or anything else that you think would be beneficial to the structural engineers attending SEAI meetings, please send your comments/ideas to Wilson Antoniuk by email at antoniw@trusjoist.com or by phone at 395-2458.

Meeting Location:

Murphy's Seafood & Steakhouse
1555 Broadway Ave.
Boise, ID 83705

Food Entrées:

- 1) Chicken Caesar Salad
- 2) Whiskey Chicken
- 3) Beef Chop Burger

Meeting Focus:

NWCMA Masonry Code Update

Speaker:

Tony Young & Raymond Miller (see www.seaidaho.org for more info)

Schedule:

Social:	11:45 am – 12:00 pm
Lunch:	12:00 pm – 1:00 pm
Program:	12:00 pm – 1:00 pm

Cost Per Person:

Member:	\$15
Non-Member:	\$20
Full Time Student:	\$10

THOMAS C. YOUNG, P.E.***Executive Director***

Northwest Concrete Masonry Association
Lynnwood, WA
(425) 697-5298

EXPERIENCE:

Thirty-four years experience in the masonry construction industry, including technical service work with the Arizona Masonry Guild, Masonry Institute of Oregon, and the Northwest Concrete Masonry Association. Sales and Marketing management experience with masonry material manufacturers: Superlite Block Company, Phoenix, Arizona; and Mutual Materials Company, Bellevue, Washington.

His work experience in the masonry industry has occurred in the western U.S. where single-wythe masonry is the most common method of constructing structural masonry walls.

EDUCATION/REGISTRATIONS:

- ◆ University of Utah, Civil Engineering Degree
- ◆ Registered Professional Engineer in the State of Colorado & Arizona
- ◆ ICC Certified Special Inspector – Structural Masonry

COMMITTEES/MEMBERSHIPS:

- ◆ Structural Engineers Association of Washington & Oregon
- ◆ Masonry Alliance for Codes and Standards – Chairman, Structural Task Group

- ◆ The Masonry Society
- ◆ ASTM
- ◆ National Concrete Masonry Association – Technical Committees

SPEAKER:

Mr. Young has presented at National Concrete Masonry Association annual meetings. He also has spoken at The Masonry Society and Structural Engineer Association meetings and serves as a guest lecturer at several northwest universities.

Raymond T. Miller, P.E.

Raymond is the founder and president of Miller Consulting Engineers, Portland, Oregon. He has over 40 years of structural engineering experience providing design analysis and review for a wide range of structure types. Mr. Miller teaches a course on advanced masonry design at Portland State University. He is past president of the Structural Engineers Association of Oregon, a member of The Masonry Society and incoming president for 2007, and a Fellow of the American Consulting Engineers Council. Mr. Miller is very active professionally and has served on many committees and advisory boards.

CONGRATULATIONS TO BRYCE STAPLEY FOR EARNING THE SEAI LIFE MEMBER AWARD

Robert "Bryce" Stapley has been a structural engineer for over forty years. Bryce graduated from Utah State University in 1965 with a B.S. in Civil Engineering. He then began working at Monroc as a design engineer and then advanced to become an engineering project manager. In 1977 Bryce and Rex Harrison started their own firm Harrison-Stapley Structural Consultants. Bryce became the sole principle of the firm, and renamed it Stapley Engineering. As the principle of Stapley Engineering, Bryce started with a few employees and soon the business grew to over twenty employees. Bryce has engineered many big projects during his career, from the precast concrete on the Snake River Correctional Institute to numerous Albertson's. In 1999, Bryce decided to retire and sold the firm to three long time employees. Now in 2006, Bryce is still a consultant for Stapley Engineering, and is still a key member of the company.

With over forty years of experience, Bryce is a well-respected and highly experienced structural engineer. Bryce is still registered as a structural engineer in six western states, and is active in the engineering field. Bryce is a long time member of the National Society of Professional Engineers, the American Concrete Institute, American Institute of Steel Construction, and the Boise City Fire Code Board of Appeals. Bryce has served as the President of ASCE, Southern Idaho

Section, and the Structural Engineers Association of Idaho.



ASK A CONSTRUCTION LAWYER

ATTORNEY FRANKLIN G. LEE

QUESTIONS WANTED

Frank Lee is an attorney and partner at the local law firm of Givens Pursley LLP who focuses his practice on real estate, construction and land use law.

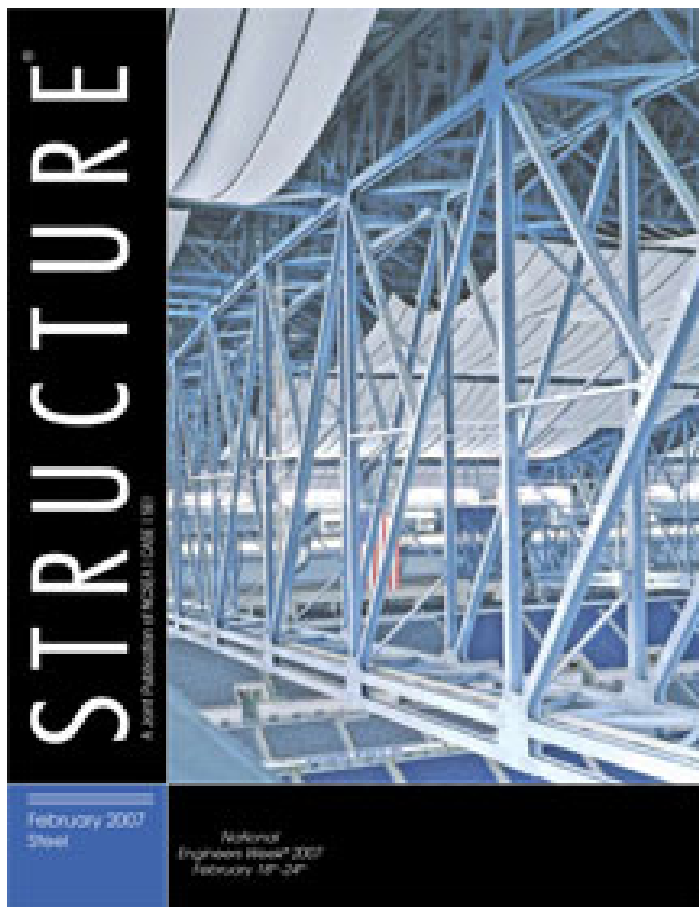
NOTE: THIS COLUMN ADDRESSES GENERAL LEGAL ISSUES ONLY. IT WILL NOT BE LEGAL ADVICE TO YOU AND SHOULD NOT BE RELIED ON AS SUCH. IF YOU WANT LEGAL ADVICE, YOU WILL NEED TO HAVE A DIRECT CONSULTATION WITH A LAWYER. THE COLUMN IS NOT INTENDED TO CREATE, AND DOES NOT CREATE, A LAWYER-CLIENT RELATIONSHIP. YOU SHOULD NOT ACT UPON ANYTHING IN THIS COLUMN WITHOUT SEEKING PROFESSIONAL COUNSEL

DO YOU HAVE A LEGAL QUESTION THAT WOULD BE OF INTEREST TO THE STRUCTURAL ENGINEERING COMMUNITY?

Submit it to sarah.mcclendon@mcm-eng.com with "Ask a Construction Lawyer (c/o Sarah McClendon)" in the subject line or by fax to (208) 342-4216. Although you will not receive a personal reply, your question may be addressed and published as part of this column. All questions will be anonymous, unless specifically directed otherwise.

STRUCTURES MAGAZINE!

As part of your SEAI membership you should be receiving **STRUCTURE® magazine** in the mail every month. If you are not, please verify that you have paid your SEAI dues this year and then send your name and mailing address to Sarah McClendon at sarah.mcclendon@mcm-eng.com



**WISH TO PLACE AN AD
IN THE NEWSLETTER?**

If so, please contact our Treasurer, Brian Garner, at bgarner@callengineering.com or at 321-2656.

Monthly Rates for Advertising

- Standard Business Card.....\$50
- Quarter Page.....\$90
- Half Page.....\$120
- Full Page.....\$150

10% discount for ads running multiple months



Announcements:

SEAI OFFICER ELECTIONS

It is that that time of year again to start thinking about running for an SEAI office position. Elections are just around the corner with ballots will being mailed out in April. If you or someone you know is interested in running just contact a current board member and give them your information, you can even nominate yourself!

2007 SEA NORTHWEST CONFERENCE

The 2007 SEA Conference will be held on September 13th-15th at the Seattle Sheraton in Seattle, WA. More details will be coming as soon as the plans are finalized by the local Washington chapter.

SEA NORTHWEST CONFERENCE & WCSEA MEETING – SUMMER 2008

The 2008 Northwest Structural Engineers Association Conference will be held in beautiful Sun Valley, Idaho. Thank you to all of those who have volunteered, and if you are interested in volunteering please contact Chris Holladay at cholladay@ahjengineers.com to see which committees are in need of some extra assistance.

The Structural Engineers Association Northwest Conference and Western States Roundup are to be hosted by the Idaho Chapter during the summer of 2008. This event will be a three day conference combining SEA Board Meetings, technical programs, vendor exhibits, social events, and recreational events all hosted by SEAI. This is a well attended event that brings in

structural engineers from Idaho, Washington, Oregon, and British Columbia. Keep checking the Newsletter each month for updated information.

FREE NEES & EERI WEBINAR

The Network for Earthquake Engineering Simulation (NEES) and the Earthquake Engineering Research Institute (EERI) have teamed together to offer an online webinar addressing how to mitigate earthquake risk in wood frame construction. "The NEESWood Project: Performance Based Seismic Designs for Mid-Rise Wood frame Construction" will focus on NEESWood research implications including:

- What happened when a two-story townhouse, mounted on twin shake tables, was subjected to earthquake simulations
- How new earthquake engineering analysis software will influence earthquake damage evaluation
- What types of performance-based seismic designs are proving effective for wood frame buildings
- Next steps for research, including six-story building shake table tests

Each topic will be presented from the research angle by John W. van de Lindt, Colorado State University, and then Kelly Cobeen, Cobeen & Associates, will address how each topic and the project as a whole may influence earthquake engineering practice.

There are several ways to participate:

- live via WebEx on Wednesday, April 4 at either 12 – 1:30 Eastern or 12 – 1:30 Pacific time
- in person at NEES headquarters in Davis, CA at noon Pacific time
- download it after April 4

To register for any of these options, please visit <http://www.nees.org/ebrownbag/>

RON HAMBURGER PRESENTATION

Ron Hamburger's presentation material on progressive collapse in steel structures has been made available on the SEAI website if you are interested in viewing it again.

LET YOUR MEMBERSHIP WORK FOR YOU!

Please feel free to contact our board members with ideas or suggestions for program/speaker topics or how SEAI can better represent the Structural Engineers of Idaho.

APRIL SEMINAR

Please remember to sign up for the code seminar on April 17th which will be over the transition from the 2003 IBC to the 2006 IBC. If you need a flyer for the sign up just contact any of the SEAI Board members.

EVENT CALENDAR

(EVENTS ARE SUBJECT TO CHANGE)

March 20: Tony Young – NWCMA Masonry Code Update

April 17: **Full Day Seminar: S.K. Ghosh – Transitioning from the 2003 IBC to the 2006 IBC**

May 15: Dave Curtis - Responsible Charge

Engineering problems are under-defined; there are many solutions, good, bad and indifferent. The art is to arrive at a good solution. This is a creative activity, involving imagination, intuition and deliberate choice.

- Ove Arup

GET INVOLVED WITH YOUR NEWSLETTER!

The SEAI Newsletter is a monthly publication. Newsletter submissions are encouraged from the SEAI community. If you have a suggestion, feature, link, product review or anything else that may be of interest to the newsletter readers, please email them to our newsletter editor, David Sansotta, at david.sansotta@ehmengineers.com



STRUCTURAL ENGINEERING LINKS

FEATURED LINK: *“Structures are held up by both luck and skill”* By Ken Carper

<http://www.djc.com/special/const97/10023874.htm>

Applied Technology Council - <http://www.atcouncil.org>

Idaho Board of Professional Engineers and Land Surveyors - <http://www2.state.id.us/ipels/>

City of Boise Sp. Insp. Checklist – http://www.cityofboise.org/pds/applications/Building/Special_Inspections.pdf

Design Build Magazine (McGraw-Hill) - <http://www.designbuildmag.com/>

Engineering & (Bi-Weekly Newsletter) - <http://www.engineeringand.com>

Engineering Forum - <http://www.eng-tips.com/>

Structural Engineers Association International - <http://www.seaint.org/>

Structural Engineers Association of Utah - <http://www.seau.org/>

Structural Engineers Association of Washington - <http://www.seaw.org/>

Structural Engineers of Oregon - <http://www.seao.org/main.htm>

Structural Engineers of Idaho - <http://www.seao.org/main.htm>

National Council of Structural Engineers Association - <http://www.ncsea.com>

Check out this interesting link:

<http://www.engineeringsights.org/>

This site has a record of engineering sites located throughout the country. If you are going to be traveling and want to see what is along the way, take a look and maybe even take a picture to send into your newsletter.

