



SEAW SW Chapter, P.O. Box 111480, Tacoma, WA 98411
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Chapter 7 Snow Loads of ASCE 7-05

John Tate, S.E.

John A. Tate Consulting Engineer

Wednesday, February 18, 2009

Our February program will feature presenter John Tate will be discuss Chapter 7 Snow Loads of ASCE 7-05 sith specific reference to Problems from the 2nd Edition of the Snow Load Manual.

Snow Loading is a frequent and costly cause of structural performance failures. In fact, snow is the controlling roof load in half of US States. Snow loads on roofs depend on climatic variables such as the amount and type of snowfall, wind, air temperature, amount of sunshine, and on roof variables such as shape, thermal properties, exposure and surrounding environment. As a structural engineer, you must be familiar with snow loads. Every building needs to account for heavy snow loads over a prolonged period in order to withstand winter conditions.

John Tate, SEAW South Central Member, received his BSCE in 1986 from WSU, and received this Structural Engineer license in the State of Washington in 1992. He was the South Central Chapter President in 2002-03, and served as the SEAW Board of Directors President in 2003-04. John spoke at the SEAW Snow Load Colloquium in 1997 and spoke about the ASCE 7-05 Snow Chapter at the Northwest Conference in 2006.

SEAW LUNCH MEETING

Date: Wednesday, February 18, 2009
Location: LaQuinta Inn & Suites
1425 East 25th Street
Time: 12 noon to 1:30 pm
Menu: Caesar salad, Sliced fresh fruit,
Lasagna, Tortellini alfredo,
Garlic bread, Vegetable medley,
Assorted desserts.
Cost: \$20.00 with reservation
Reservations: Reservations deadline
Thursday, February 12th
Email: seawswchapter@comcast.net
Phone: 253-382-2936

Reservations are required. No shows and late reservations will be charged \$35.00.



Membership Applications Received

Brett Johnson

AHBL, Inc.

B.S. Civil Engineering, University of Illinois –
Urbana–Champaign

B.A. Physics, Illinois Wesleyan University

Class: Associate Membership

Jason O'Dell

AHBL, Inc.

B.S. Civil Engineering, WSU

M.S. Civil Engineering, WSU

Class: Associate Membership

Upcoming Events

- February** ATC-20 - Watch your email for date
and location
- September** Northwest Conference
Southwest Chapter Hosts
Downtown Tacoma

**Watch Your E-mail in
January For your
2009
SEAW Dues Invoice!**

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NCSEA – TMS Seminars

Enhancing continuing education available online, NCSEA is presenting six webinars in conjunction with The Masonry Society (TMS). The series will start February 5, 2009 and will take place on alternate Tuesdays through April 16. Watch the NCSEA website for registration information, including the opportunity to view the six webinars for the price of five!

NCSEA/TMS Joint Webinar schedule:

February 5 Masonry Basics, or Masonry 101

February 19 Allowable Stress Design of Masonry

March 5 Strength Design of Masonry

March 19 Masonry Tallwalls

April 2 Reinforced Masonry Shear Wall Design

April 16 Ensuring your Masonry is Constructed as Designed

www.ncsea.com

Structural Engineers Association of Washington

You are invited to attend our FREE workshop on February 3rd, 2009 in Kent, WA. Lunch will be provided for all guests on this day. We hope to see you there!

IBC 2006 Wind & Seismic Design Tuesday February 3, 2009

Join us for a free technical workshop designed for engineers interested in the IBC 2006 Code changes, especially as they relate to high wind and seismic areas.

Topics included in the course:

Code changes on gravity & seismic design

Wind design with the IBC 2006 code changes

Designing with Anchors and Cracked Concrete, IBC 2006 and CAO318 Appendix D

Wood Design with the IBC 2006 code changes.

Cold-Formed Steel with the IBC 2006 code changes.

CEU Credits offered : 0.7

PDH Credits Offered : 7

Code Changes affecting the design and detailing of members and connections will be discussed with specific attention given to design examples with references made to the code standards such as ASCE 7-05, ACI 318-08, NDS and AISI.

Seminar Details

Date: Tuesday February 3

Time: 8:00 am to 5:00 pm

Simpson Strong-Tie
22035 W. Valley Highway
Kent, WA

To register, or to find out more information, please call **Olga Psomostithis 209-944-1045**

Or

Visit our website
www.strongtie.com/training and set up a personalized account to make registering for this workshop and upcoming workshops fast and easy.

Agenda

- 7:30 Registration and Breakfast
- 8:00 Introduction
- 8:15 Code Changes on Gravity & Seismic
- 9:15 Wind Design with the IBC
- 10:15 Break
- 10:30 Wind Design with the IBC
- 11:30 Lunch
- 12:30 Wood Design IBC Code Changes
- 1:30 Concrete Anchorage IBC
- 3:30 Break
- 3:15 Cold-Formed Steel
- 5:00 Adjourn

Opportunities

Lead Structural Engineer III

King County Department of Transportation, Road Services Division
Lead Structural Engineer III

Are you seeking an exciting career opportunity where you can be a part of a dynamic organization that is making a difference in your community? King County Road Services is seeking an experienced lead senior level structural engineer to assist the bridge unit in maintaining and preserving the county's bridges and the continuity of King County's roadway network. The successful candidate will have a bachelor's degree in civil engineering and at least four years of experience in structural design or bridge engineers. Washington licensure as a professional engineer or the ability to obtain the license within one year of appointment is required. For more information and instructions on how to apply please visit www.karrasconsulting.net and click on current searches.

SEAW SW CHAPTER

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The SEAW Southwest Chapter newsletter is printed monthly from September through May. Circulation is approximately 150 members & related organizations. Articles, letters and announcements are accepted through the SW Chapter office at PO Box 111480, Tacoma WA 98411. Advertising Rates: Help wanted \$25; Goods/Services and inserts \$50. Items received by the 30th of the month will be considered for publication in the following month's issue. For information, contact the SW Chapter at 253-382-2936 or email seawswchapter@comcast.net