



SEAW SW Chapter, P.O. Box 111480, Tacoma, WA 98411
www.seaw.org seawswchapter@comcast.net 253.382.2936

Seismic Rehabilitation of Existing Buildings

David Gonzalez, Associate Principal

Degenkolb Engineers

Wednesday, January 21, 2009

David Gonzalez of Degenkolb Engineers will be presenting two seismic rehabilitation projects.

The first project is Architecture Hall at the University of Washington. Architecture Hall was originally built in 1909 for the Alaska–Yukon–Pacific Exposition. Its original structural system consists of structural steel frame with unreinforced masonry infill panels. The exterior fabric is adorned with terracotta details. The building consists of classroom, studios and an auditorium. A new exhibit area links the auditorium to the classroom space. The retrofit included the addition of concrete shear walls, masonry pinning and steel framing.

The second project is Compton Union Building at Washington State University. This 240,000 square feet structure was originally built in 1954 with a significant addition in 1967. Students elected to renovate the CUB and fund the cost through student fees. Students, faculty and administration were very involved throughout the design process to make sure the renovated space would meet the current and future students' needs. A new pedestrian bridge linking the CUB to Martin's Field was part of the project.

The presentation will cover the technical aspects involved with each project as well as some of the construction challenges and lessons learned.

SEAW LUNCH MEETING

Date: Wednesday, January 21, 2009
Location: Pacific Grill Events Center
1530 Pacific Avenue, Tacoma
Time: 12 noon to 1:30 pm
Menu: Caesar salad, grilled chicken with artichoke mashed potatoes and vegetables, and Belgium Chocolate Cheesecake.
Cost: \$27.50 with reservation
Reservations: Reservations deadline
Thursday, January 15th
Email: seawswchapter@comcast.net
Phone: 253-382-2936

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

Carpooling is encouraged. See driving directions and parking information in this newsletter.

Driving & Parking Directions

Driving Directions:

On I-5 to Tacoma, take exit #133 I-705 City Center at the Tacoma Dome. Follow 705 to City Center (left lane) exit 15th St/Pacific. Go up hill one block, left on Commerce, hotel is on left.

The Pacific Grill Events Center is located at 1530 Pacific Avenue, on the corner of the Courtyard by Marriott facing the Tollefson Plaza Park.

Parking:

FREE self parking is available all day. It is located at the Convention Center parking lots A, B, D and E just above Commerce Street

Bring in your parking receipt and Pacific Grill will validate your parking for you.

Valet parking at Lunch is available at the Courtyard by Marriott entrance on 1515 Commerce. Cost: \$10 if paid at restaurant. \$14 if paid at hotel.

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!**

Membership Applications Accepted

Michael Niehl

PCS Structural Solutions
B.S. Civil Engineering, WSU
Class: Associate Membership

Nels Peterson

PCS Structural Solutions
B.S. Architectural Engineering, WSU
M.S. Architectural Engineering, WSU
M.S. Civil Engineering, WSU
Class: Associate Membership

Loren Ross

PCS Structural Solutions
M.S. Civil Engineering, WSU
Class: Associate Membership

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

NCEES exams		
Exam	Testing date	Deadline to apply or reschedule
Architectural engineering	Apr. 24, 2009	January 15, 2009
Civil engineering	Apr. 24, 2009	January 15, 2009
Fundamentals of engineering (EIT)	Apr. 25, 2009	January 15, 2009
Structural II	Apr. 24, 2009	January 15, 2009

For more information, contact the Washington State Department of Licensing at 360-664-1575, email at engineers@dol.wa.gov or the website <http://www.dol.wa.gov/business/engineerslandsurveyors>

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



Mt. Rainier Chapter

of Construction Specifications Institute

www.csimtrainer.org

Friday Olympia chapter meeting at

“Sealants in Construction – What every Architect needs to Know”

Speaker: Wayne Belcher, Uniseal Pro

Friday, Lunch

January 16, 2009

11:45 am to 1:15 pm

Learn Proper Sealant Installations
Liabilities and Warranties
How to chose the proper sealant for your project
Chemistries of Sealants

Wayne Belcher has been working within the sealant and waterproofing industry for more than 25 years. He specializes in building façade sealant detailing and works with local unions in the training and education of good sealant practices.



Class Cost : \$25

Registration :
& Lunch : 11:45 to 12:15 pm
Presentation : 12:15 to 1:15 pm

Reservations:

Please RSVP by 5:00 p.m. on **Tuesday, 01/13/09** to Bob Kenworthy by phone or email
Phone: (253) 931-4904 Email: bkenworthy@auburn.wednet.edu Or Register on line at www.csimtrainer.org. Select "Events" or "Register". You Can Register On Line and Pay by Credit Card through PayPal or You Can Register On Line and Pay by Cash or Check at the Meeting. If you RSVP and then find that you will be unable to attend, please cancel by 5:00 p.m. on **Tuesday, 01/13/09**. No shows will be billed to cover charges by the restaurant.

Water Street Cafe

610 Water Street SW
Olympia, Wa

Since 1948 working with the Construction Industry to Advance the Process of Creating and Sustaining the Built Environment

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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