



Tacoma/Olympia Section Civil Engineer THE NEWSLETTER

SEPT 2006

Section Meeting
Joint Meeting w/SEAW
Tuesday, September 19
5:30pm

La Quinta Inn &
Conference Center
1425 E. 27th St., Tacoma
(253) 272-6731
(253) 383-0146
I-5 Exit 135 southbound
or Exit 134 northbound

Menu:

Caesar Salad Station
Breast of Chicken Parmesan
Baked Lasagna w/ Herbs
Cheese Tortellini & Penne Pasta
Marinara & Alfredo Sauces
Hot Vegetable Medley
Shredded Parmesan
Hot Garlic Bread
Chef's Variety of Desserts
Coffee & Iced Tea

Reservations:

Please RSVP by
noon, Friday, Sept. 15
Contact Kay Hoke at
khoke@cityoftacoma.org
or 253.591.5760

Stadium High School Rehabilitation Project

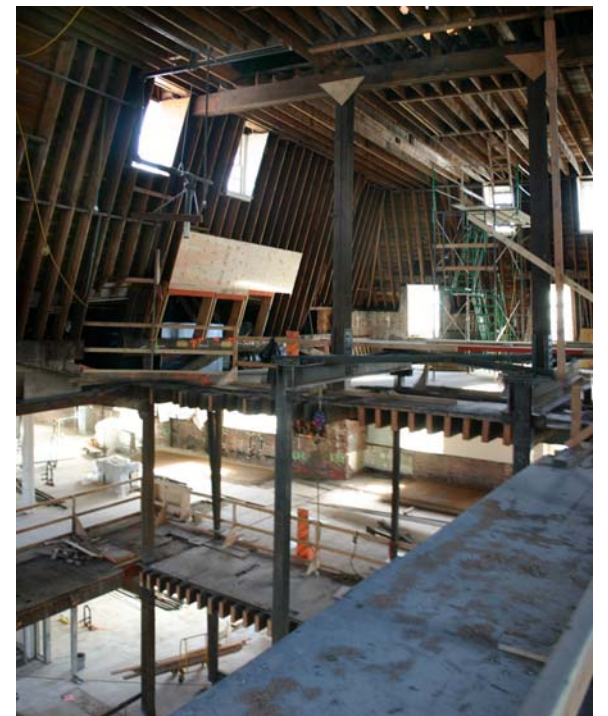


Stadium High School, Tacoma's 7-story 1906 National Historic Landmark "castle" building perched on a bluff overlooking Commencement Bay, is celebrating its 100th year as a school. Fall of 2006, Stadium High School will welcome back students following a 2-year, \$80 million renovation that includes a complete reprogramming and life-safe upgrade of the existing 150,000-square-foot

"castle" structure, the addition of a new 80,000-square-foot gymnasium/theatre building, and a new 2-story parking garage.

The focus of this discussion will be the renovation of the historic castle structure. The renovation demolished and reconfigured classroom, administrative, corridor, gymnasium, and specialty spaces to accommodate a modern high school program, including seismic and ADA upgrades. All mechanical, electrical, elevator, security, and data/tech systems were replaced. The design achieved a life-safe seismic performance objective in accordance with FEMA 356, Prestandard for the Seismic Rehabilitation of Buildings. Interesting structural challenges and solutions of this project will be discussed.

Owner: Tacoma School District;
Architect: Krei Architects
(formerly Merritt + Pardini) and
Bassetti Architects; **Structural Engineer:** Magnusson Klemencic Associates;
Mechanical Engineer: Notkin Engineering;
Electrical Engineering: Travis Fitzmaurice & Associates; **General Contractor:** Skanska USA



Speaker: K. Casey Caughie, P.E. Vice President and Principal at Magnusson Klemencic Associates (MKA)

Casey Caughie leads MKA's Existing Building specialist group and has over 25 years experience in the field of structural engineering, the last 10 of which combine his personal interests of history and old buildings.

An active member of APTI and the APT's Northwest Chapter, Casey serves on the APT Code Committee, is an APT Peer Reviewer, and is scheduled to speak at this fall's APTI 2006 Atlanta conference. He is in his second year as Chair of the AIA Seattle Historic Resources Committee (HRC), focusing on sustainability in the context of historic preservation, LEED HB (Historic Buildings) advocacy, and instrumental in organizing the 2006 Cultural Crossroad Forum. Casey is ATC post-earthquake certified and has attended a number of workshops, including those by APTI and Restore on terra cotta and masonry.

Casey has served as Managing Principal on a variety of projects, including renovations, additions, seismic rehabilitations, change-of-use, substantial alteration, building evaluations, and risk analysis. His recent projects include conversion of the 10-story Cobb Medical Building in Seattle, circa 1910, to high-end downtown living apartment and renovation/rehabilitation of the 7-story railroad built 'Banff-Victorian' style Stadium High School, circa 1890's to 1906.

STRUCTURAL ENGINEERS WORLD CONGRESS 2007

Nov. 4-9, 2007, Bangalore, India

The Third International Congress dedicated to the “art, science and practice of Structural Engineering”

The prestigious Structural Engineers World Congress 2007 [SEWC-2007] will be held in Bangalore, India, in November 2007. SEWC was formed to bring Structural Engineers from around the world under one umbrella every four years. The first SEWC, held in San Francisco in 1998 was attended by more than 1500 delegates from all over the world. The next was held in Yokohama, Japan during 2002, which was also well attended. This will be the Third World Congress and will be held during 4 - 9th November 2007, in Bangalore.

This Third World Congress provides a unique opportunity for structural engineers from all over the world to interact with each other, listen to the top structural engineers of today and further develop fellowship and explore business interests in the ever expanding global market place.

SEWC 2007 in Bangalore is being supported by a number of International Organisations like ACI (American Concrete Institute) and IASS [International Association for Shell and Spatial Structures], JSCA [Japan Structural Consultant Association] etc. SEWC 2007 is hosted by ACCE (I) (Association of Consulting Civil Engineers [India]) and co-promoted by ICI (Indian Concrete Institute) and IASE [Indian Association of Structural Engineers]; and more professional associations are expressing their interest to get involved in this mega event.

This premier World Congress will feature a number of presentations across parallel sessions by very eminent specialists and professionals from countries all around the world including the USA, Canada, the UK, Germany, Spain, France, Turkey, Russia, China, Japan, India, Singapore, the southeast Asian countries, Australia, New Zealand, South Africa, Brazil, Argentina, Mexico and many others. The lectures will cover a wide variety of very interesting subjects arranged thematically in different categories. It will be of interest to Engineers, Consultants, Architects, Project Managers, Academicians, Students, R&D Institutions, Government Agencies and every professional connected with the Building and Construction Industry.

A prominent feature of this World Congress is the many Keynote Sessions addressed by world-renowned stalwarts of structural engineering who will be presenting their path breaking work. These Keynote Sessions are arranged in the mornings on each of the 4 session days with no parallel sessions during this time, to enable every participant to attend the Keynote Sessions. A tremendous effort is being put forward to ensure that this is a pleasant and memorable experience to the delegates from all over the world.

An exhibition featuring Indian and International exhibitors displaying products, engineering software, services, equipment and technologies relating to the main themes of the Congress will also be organized at the venue. The exhibition will be open to the Delegates and the Public on all the days of the Congress. More than 2000 delegates are expected from all over the world and many thousands more of the interested public will witness this unique exhibition. Professionals from leading Consulting Organisations and large employers from around the world will find this a very special opportunity to meet vendors and suppliers of engineering software, services and products from all around the world.

Call for papers – Papers are invited for presentation at the Conference and for publication in the Conference proceedings, which will be distributed on a Compact Disc. A bound Abstracts Volume will also be available to the delegates. Authors are requested to first send an Abstract of their proposed papers for acceptance, addressed to The Chairman, Technical Committee, No.1/4, APE Trust Building II Floor, Bull Temple Road, Basavanagudi, Bangalore – 560 019, India or e-mail : drcsv@rediffmail.com.

About India – There is no place like India for its sheer diversity and colour, a country with a population of over 1 billion people, 18 official languages spoken in 28 states. From the breathtaking Himalayas in the north to the picturesque backwaters of Kerala in the South, the country is known for its rich natural attractions. From the Taj Mahal and the palaces of Rajasthan in the north to the astonishing temples of the South, India is home to historical places unmatched in splendour and heritage.

Venue : Bangalore today is a bustling cosmopolitan city and the State Capital of Karnataka State, India. A major industrial and commercial centre, it forms the nucleus of many scientific, technological and research activities. Also a world major in IT Sector, Bangalore enjoys a strategic geographical location and is connected by air, rail and road to all major cities in India and the world. It enjoys salubrious weather throughout the year.

Visit www.sewc2007.org for more details about the World Congress and associated events.

President's Corner by Sue Coffman



Sue Coffman, Tacoma/
Olympia Section President
2005-'06

Welcome back from summer vacation! Ok, probably not much of a vacation unless you are a teacher. Most of us have worked through the summer without much time off due to the good economy and uptick in construction activity.

Recently I've been involved in a new committee. WABO (Washington Association of Building Officials) and SEAW (Structural Engineers Association of Washington) have reactivated a joint committee to produce a series of white papers on procedural and technical subjects to enhance the communication and collaborative efforts between structural engineer designers and plan reviewers. Three white papers that are either completed or in process are (1) Guidelines for Plan Examiners, (2) Wet Stamping Requirements, and (3) Adoption of the SEAW Rapid Solution Method (RSM). Check out the white papers on wabo.org and give some feedback to the committee.

You will notice in this month's newsletter there is a lot of information about the Puyallup fair. While we do not have a large section, we have made the commitment to provide this outreach to the community. It takes a lot of bodies to staff the booth and we'd like to get some new people involved this year. The software is not hard to learn, in fact, several of the kids who stop by our booth can actually teach us how to use it. Also, if you are new to the booth, we'll make sure you are paired with someone who's volunteered in previous years. Please sign up today!

Please note that our regular section meeting for September is the 3rd Tuesday of the month versus the 2nd Tuesday of the month. Casey Caughie, Vice President and Principal at MKA will be discussing the renovation design for Stadium High School. It's a great opportunity to get an inside view (through photos) of this historic structure. Please plan to attend. It is also a great opportunity to re-connect with SEAW members.

Have a great summer everyone!

Best Regards,

Sue Coffman

Tacoma-Olympia Section President

Yep, This Year It's A Doozy— The Western Washington Fair ASCE Booth Needs YOU!

Again this year we will be providing a great service at the Puyallup Fair!



Fair Booth Training, Aug 30,
5-7 pm, AHBL Office, 2215 N
30th Suite 300, Tacoma, WA
98403. We will show you how
to run the programs and
give you your fair pass. Pizza
and pop will be provided -
no reservation
necessary - just show up.

At our Puyallup Fair Booth we will be showing kids two programs - **West Point Bridge Design** and **Sim City**. We will also have a geotechnical demonstration set up by ASCE Seattle Geotechnical group.

WHAT WE NEED:

People to sign up to volunteer at the fair booth.

Days: Sept 8-12 - first 5 days of the fair

Times: 3- 4 hour spots 10a-2p, 2p-6p, 6p-10p

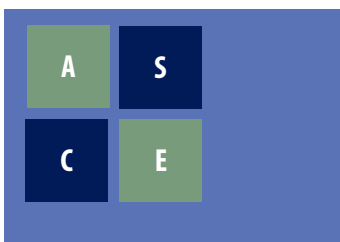
Location: Education Building, near Gold Gate
(see attached map in pdf)

Parking: Free in the Silver Lot

Entrance Fee: **Free** to volunteers - we provide you an exhibitor pass that is good for all day at the fair.

Contact for signing up: **Don Davis, Sitts & Hill Engineers, (253)474-9449 or email: DonDavis@sitts-hill-engineers.com**

PLUS! It's a great opportunity to introduce kids to civil engineering!



Engineers Make The Difference— They Provide the Quality of Life!

Civil Engineer Newsletter is published monthly from September to May for the Tacoma/Olympia Sections of the American Society of Civil Engineers.

To submit ads or articles of interest please contact the President of the section or the Editor. Information must be submitted not later than the 15th of the month to be included in the next publication.

For address changes/corrections, notify the Editor or the WEBmaster.

Section Calendar

Section Meetings are open and held once a month, September through May. Meetings are **generally held** on the **second Tuesday** of the month. Locations alternate between Tacoma and Lacey, and times vary between lunch and dinner meetings.

Aug. 30. 5-7pm Puyallup Fair Booth Training, AHBL Tacoma Office, 2215 N 30th, Ste. 300, Tacoma

September 8-12, Puyallup Fair ASCE Booth - Please Volunteer!

2006 Section Meetings:

September 19, Joint meeting with SEAW, Stadium High School, - La Quinta Inn, 5:30 pm. See announcement page 1

October 10, Induction of New Officers, and Greg DeLoreto will discuss ASCE Leadership experience - St. Martin's Worthington Center, Lacey. 5:30 pm

November 14, Cost/Risk Estimation and Management, Mark Gabel, WSDOT, Location - St. Martin's Worthington Center, Lacey. Lunch meeting 11am

December 13, Join Meeting with ASCE Seattle Section, Location TBA

***DATE/TIMES/LOCATIONS ARE TO BE VERIFIED**

Local Board Meetings are open and **generally held** the **first Monday of the month** at 5:30pm. Locations vary. Please check the WEB site, this calendar, or contact the president for confirmation.

Board Meetings:

<http://sections.asce.org/tacoly/tacoly.htm>

TRANSPEED Courses

The TRANSPEED Schedule Below is a list of the upcoming courses.

Please view our website at

<http://www.engr.washington.edu/epp/Transpeed/index.html> for specific course descriptions and dates. Click on the specific course link to view the course outline. or contact:

Christy Pack

TRANSPEED Program Manager
UW Engineering Professional Programs
10303 Meridian Ave N #301
Seattle, WA 98133
1-866-791-1275 toll free
direct 206-543-5539 206-543-2352 FAX
croop@u.washington.edu

See the website at

<http://www.engr.washington.edu/epp/Transpeed/index.html> for more.

2006 Winter/Spring Professional Development Short Courses

For a complete description of the course and registration information visit our website <http://www.engr.washington.edu> or call us at: Engineering Professional Programs, University of Washington, phone: 206.543.5539 (fax) 206-543-2352 or (toll free) 1.866.791.1275

Stephanie Strom, Program Mgr:

ssstrom@u.washington.edu
(direct) 206-685-9682

Stacy Williamson, Prog. Coord.
stacyw@u.washington.edu
(direct) 206-543-5743

Continuing Ed

In our continuing effort to enhance communications between ASCE's Sections, Branches and ASCE National, Geographic Services is pleased to advise you of the following seminars scheduled in your geographic area from April through September 2006:

September 13-15, 2006 Seattle, WA
HEC-RAS Computer Workshop

September 28-29, 2006 Seattle, WA
Residential Land Development Practices

These in-depth, practice-oriented programs are produced by ASCE's Continuing Education Department and may be of interest to many ASCE members in your Sections and Branches. We would greatly appreciate if you would consider posting information on these seminars in your newsletters and on your websites.

Detailed descriptions of the seminars (by title) are available on ASCE's website at www.asce.org/conted/seminars.

If you have questions or need assistance, please contact Kelly Jarvis, Continuing Education Registrar at kjarvis@asce.org or Michael Cook at mcook@asce.org.

See Your AD Here!

Advertise in our newsletter!

Post a business card sized ad in our newsletter for \$200 per year. If you are interested, please contact:

Sue Coffman 253.594.7905
sue.coffman@cityoftacoma.org



Tacoma/Olympia Section Board **2005 - 2006**

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We're on the web!

<http://sections.asce.org/tacoly/tacoly.htm>



Map to our booth

