



Founded 2004

Special points of interest:

- Upcoming seminar on June 1 in Bozeman, for more information go to www.aisc.org/seminars. See the back page ad.
- If you haven't paid 2006 membership dues—get after it!
- See the corporate sponsor adds on page 4 & 5. To buy an ad in the next newsletter see page 5.

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SEAMT SUMMER NEWSLETTER

Volume 1, Issue 1

June 2006

President's Message

Spring time is rapidly turning into summer, which means structural engineers find themselves slammed with the construction rush while struggling to find time for family and the urge to get outside and enjoy why we all live in Montana. Our industry is enjoying a very active economy in the state of Montana, and growth appears to be the trend that will stay with us into the foreseeable future.

With this growth has come the benefit to our businesses in the form of income, however, we also have seen tighter code enforcement and organization on both the state and local levels. Nearly gone are the times when structures are built with loose guidelines that allowed owners and builders the flexibility to make a lion's share of the decisions required to complete a project.

Montana's construction industry is evolving to be ever-more dependant upon engineer's to make decisions and recommendations to uphold current code requirements and aid in decisions that affect the economy of a project. The depth of code coverage also seems to be never-ending as each new code is adopted.

This increasing demand on structural engineers to

continually learn and adopt new methodologies for our practice can be onerous and overwhelming at times. SEAMT was formed, in part with this in mind. This organization can be a great forum in which structural engineers in this state can utilize the knowledge and experience of our colleagues to help provide safer and more uniform design and engineering concepts.

The spring meeting for SEAMT members in Bozeman was quite successful once again with a very good turnout of members. This is encouraging as it shows that the engineering community is interested in local representation of items that concern or interest us all. I hope everyone has had an opportunity to view SEAMT's website (<http://www.seamt.org>). Expertly put together by Dan VanLuchene, the site contains news, organizational information and a forum for engineers to post topics of discussion related to structural engineering. As of the day this article was written, there were 22 registered users to the forum and a handful of forum topics currently under discussion. I would encourage all SEAMT members to take the time to register with the forum and consider topics of interest to share with the forum group.

Finally, I want to thank Carol Pivonka for her fine work on



Current SEAMT President, Matt Schimdt

getting this organization going last year and on working to get this newsletter off the ground this year. Also, I want to thank those members serving on the board this year for their hard work, especially Kurt Keith for keeping things organized. Last, but not least, a big thanks to Will Freese for taking time out of his busy schedule to compile this newsletter. I hope everyone has a great 2006 and I look forward to seeing everyone at the fall meeting in Helena!

SEAMT meeting minutes from the Spring Engineering Festival at Montana State University are available on the web at seamt.org

Unfinished Business . . .

SEAMT members are encouraged to come forth with suggestions as to how SEAMT can benefit our community financially. Ideas thus far are scholarships and gift baskets from SEAMT at the annual national meeting. Any suggestions are welcome.

SEAMT is looking for volunteers to aid in involvement of the organization

in the State Building Codes Bureau Advisory Council.

Anyone wishing to nominate or volunteer as the delegate to the national SEA convention in Salt Lake City, UT needs to submit that to Matt Schmidt (matts@bceweb.com) by June 15, 2006. See the insert on page 7 for more information.

The education committee is always looking for suggestions regarding continuing education topics that can be considered for future in-state conferences. Contact committee chairman Dan Vanluchene with suggestions and comments.

SEAMT Sponsored Seminars

SEAMT is currently investigating possible seminars for future fall and spring meetings. The seminar at the fall meeting will be Wind Loads (1/2 day maximum) and Snow Loads (1/4 day). Speakers have yet to be established. SEAMT can only recommend topics to the organizing committee and

there is no guarantee they will be chosen. Dan Vanluchene is currently trying to locate a Wind Loads speaker but ASCE has a pretty tight lock on them. SEAMT membership has indicated they are not interested in paying an ASCE price but that may have to change if they want an

accomplished speaker.

Currently on the schedule for SEAMT's 2007 Spring Meeting is Seismic Design of Steel Structures by AISC.

From the editor

Hi, I am Will, a junior engineer with Whitten & Borges in Billings, Montana. I took on the erroneously simple task of putting together the first newsletter for SEAMT because I felt like contributing to the organization.

Determining what to put in the newsletter turned out to be a not so easy task. To give me a boost, Carol Pivonka gave me sample SEA newsletters from other states. With the help of others, we were able to pull information together enough to form this letter.

I don't really know what the newsletter should say. My

thought is that the letter should represent news and events of SEAMT. Each letter might have a theme different from the last issue to keep from boring readers. If anyone has suggestions or comments I would be pleased to hear them. Send your comments to me at wfreese@whittenborges.com For future issues of the letter, I would like to designate a section to what I call "Special Projects". These projects should be unique and interesting with a structural perspective. The section will not be designed to criticize any project, but will recognize and share engineering concepts and

designs. It can even teach some of us younger engineers. I can't make up a project! So somebody will need to put the information together and email it to me.

My goal is to publish two newsletters a year. If I receive enough content I can increase the number of letters. For now, an issue will be printed in the spring, and fall/winter. So start compiling letters, photos, and notes for that next issue.

Thank you.

Will



Membership Report

SEAMT membership stands currently at 78 members. As you know, we have several different levels of membership.

Professional members represent the largest share of our membership. These individuals, the only voting members of SEAMT, are professional engineers licensed in the state of Montana and currently practicing the profession of Structural Engineering. We have 53 Professional members.

Affiliate members are another large subgroup within SEAMT. These are individuals with an interest in our activities. We have 14 Affiliate members.

Associate members are engineers who are licensed in other states, but wish to be a part of SEAMT. We currently have 3 Associate members.

Student members are, as their name suggests, engineering students on a Structural Engineering career path. We have one student member.

Sponsor membership is geared towards companies that wish to support SEAMT's activities. Each sponsoring firm enjoys the privilege of two free individual memberships. At present, we have seven sponsor members.

Alfred Hendrickson, PE

SEAMT Membership

Committee

alfred21@whittenborges.com

*"SEAMT
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stands currently
at 78
members."*

NCSEA Web Seminar

Wednesday, June 21, 2006

10:00 am to 11:30 am PST

11:00am – 12:30pm Mountain

12:00pm – 1:30pm Central

1:00pm – 2:30pm Eastern

Two New Standards for Seismic Design of Steel Structures:

AISC 358 - Prequalified Connections for Steel Moment Frames for Seismic Appl.

AWS D1.8 – Seismic Supplement to D1.1 Structural

Welding Code

Instructor: Ronald O. Hamburger, SE, SECB Served as the lead author for the FEMA 350-355 documents developed by the SAC Joint Venture following the Northridge earthquake & served as Chair of the standards committee that developed AISC 358 and Vice Chair of the committee that developed AWS D1.8.

The web seminar will conclude with Q&A.

\$250 per each audio and web

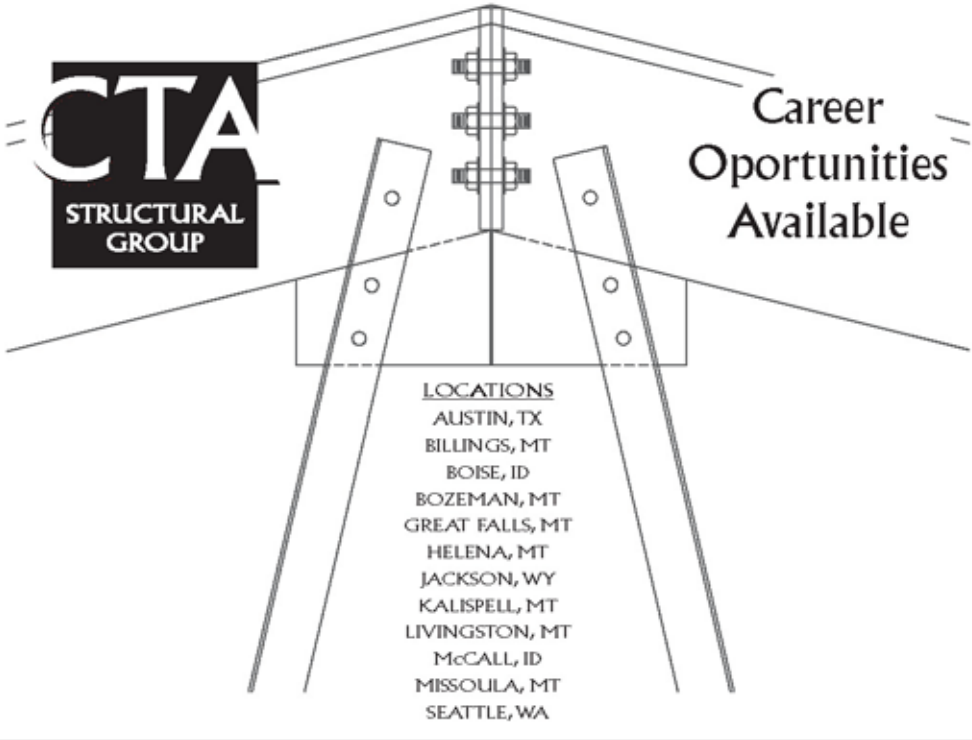
connection, with an additional \$2 per request for a Continuing Education Certificate.

Visit www.ncsea.com for registration info or call Jeanne Vogelzang at 312.649.4600 x 201.



If you would like to have a printed version of the letter, please send mailing information to wfreese@whittenborges.com.

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CORPORATE SPONSORS OF SEAMT CONT:

To purchase ad space in the next issue of this SEAMT newsletter contact Will Freese at wfreese@whittenborges.com

Pricing for ads will be as follows:

\$25 for HELP WANTED and EMPLOYMENT WANTED each issue

Professional directory advertisement \$25 per issue (3/4 x 1 5/8)

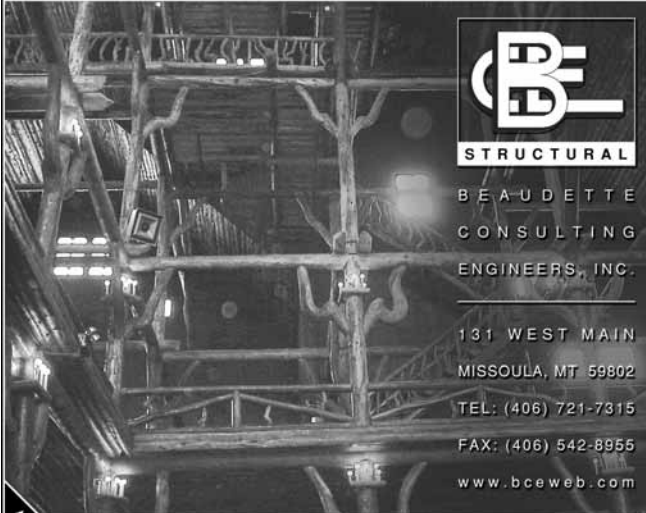
1/8 page advertisement \$50 per issue (1 1/8 x 2)


1/4 page advertisement \$100 per issue (4 1/4 x 3 1/4)

1/2 page advertisement \$250 per issue (4 1/4 x 6 3/4)

Make payments to SEAMT. Send check to

William Freese
645 Grand Ave, Suite H
Billings, MT, 59101





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- Environmental

CALL for ENTRIES

NCSEA announces the ninth annual Excellence in Structural Engineering Awards Program. This program highlights some of the best examples of structural engineering ingenuity throughout the world. Structural engineers and structural engineering firms are encouraged to enter this year's program. Projects will be judged on innovative design, engineering achievement and creativity.

Up to three Excellence in Structural Engineering Awards will be presented in each of the following categories:

New Buildings under \$30M
New Buildings \$30M to \$100M
New Buildings over \$100M
New Bridges & Other Structures

One project in each category will be chosen as an Outstanding Project. Eligible projects must have been completed between January 1, 2003 and December 31, 2005.

2006 NCSEA Excellence in Structural Engineering Awards



Entries are due on **Friday, June 16, 2006**. Awards will be presented in September at the NCSEA Annual Meeting in Salt Lake City, Utah. Winning projects will be featured in future issues of STRUCTRE magazine. For award program rules, project eligibility and entry forms, see the Call for Entries section on the NCSEA web site at www.ncsea.com.



The 2006 SEAMT delegate to this year's NCSEA conference is Will Freese. SEAMT will sponsor Will's trip to the NCSEA conference in Salt Lake City in September.

Print and fill out the registration form below if you wish to attend.



National Council of Structural Engineers Associations
Fourteenth Annual Conference
 Salt Lake City, Utah • September 14 - 16, 2006



Discounted airfares are available for travel to and from Salt Lake City on United or United Express between September 9 and September 20, 2006. Receive 2% off the lowest applicable discount fare, or up to 10% off other fares. **An additional 5% discount will apply when tickets are purchased at least 30 days in advance of your travel date.** To receive these special fares, you or your travel agent must call the United Airlines Meeting Reservations Center at 800-521-4041 and refer to Meeting ID 537TG.

Preliminary Program Highlights

Keynote Address: Leadership - Leading So Others Will Follow
 Kathy Lovelass, CSP - Lovelass Enterprises, Inc.

Utah State Capitol Restoration
 Parry Brown, SE and Jarod Johnson, PE, LEED - Roavoley Engineers & Associates

Assessment of Existing Structures Subjected to Blast Loads
 Johnny Wladawczyk and Ben Harrison - ABS Consulting

Every Employee a Marketer
 Rick Stock, CMP - Architectural Nexus

Designing for Avalanche Loads
 Justin D. Naser, PE and Kent Rich, SE - ARW Engineers

Design of Steel Structures for Blast Related Progressive Collapse Resistance
 Ronald O. Hamburgar, SE - Simpson, Gumpertz & Hager Inc. Consulting Engineers

Marriott
SLC Marriott City Center
 220 South State Street
 Salt Lake City, Utah 84010



Reservations:
 For reservations, call the hotel directly at 866-961-8700 or 801-961-8700, or visit www.Marriott.com/SLCCC and use Group Code STRSTRA.

Single or Double Room Rate: \$125 plus tax
 Mention NCSEA to receive this special room rate.
This room rate is guaranteed only through August 22, 2006.

REGISTRATION FORM

Name _____ Companion _____

Firm _____ Phone (____) _____

Address _____ Fax (____) _____

_____ Email _____

Delegate from _____
 Member Organization _____

Member Registration - \$575 per person
 Registration fee includes Thursday evening Welcoming Reception, Professional Program, Trade Exhibits, breakfast, lunch and refreshment breaks on Friday and Saturday, Friday evening dinner at Rice-Eccles Stadium and Tower, and Saturday evening dinner at the Closing Awards Banquet.

Companion Registration - \$250 per person
 Companion fee includes Thursday evening Welcoming Reception, Friday continental breakfast, Friday evening dinner at Rice-Eccles Stadium and Tower, Saturday continental breakfast, and Saturday evening dinner at the Closing Awards Banquet.

Total Amount Enclosed _____

Credit Card Number: _____ Expiration Date: _____

Signature: _____ Visa MasterCard American Express

Disability Requirements? _____

If paying by check, mail check payable to NCSEA, with this completed Registration Form, to:
NCSEA • 645 North Michigan Avenue • Suite 540 • Chicago, Illinois 60611.
 If paying by credit card, fax this completed Registration Form to NCSEA at 312-649-5840.

Photos courtesy of Eric Schramm for the Salt Lake Convention & Visitors Bureau and the Marriott Salt Lake City Center.

CALENDAR

June 9, 2006	SECB Credentialing Committee Meeting	Chicago, IL
June 16, 2006	SECB Board of Directors Meeting	Chicago, IL
Wed, June 21, 2006 10:00-11:30am PST WEB SEMINAR	Prequalified Connections for Steel Moment Frames for Seismic Applications – Ron Hamburger	\$250 per site + \$2 per request for a Continuing Ed Certificate
June 21-23, 2006	NEES 4 th Annual Meeting	Washington DC
June 22, 2006	“Young Engineers Symposium 2006”	Friburg, Switzerland
July 16-19, 2006	IABMAS Conference: “Bridge Maintenance, Safety & Management”	Porto, Portugal
July 20-21, 2006	Western Council Roundup	Stevenson, WA
July 21, 2006	SEANM Annual Meeting	Hilton Embassy Suites in downtown Albuquerque
July 28, 2006	NCSEA Board Meeting	Chicago, IL
August 3-5, 2006	EASEC-10: “Reaching the World”	Bangkok, Thailand
August 23-25, 2006	CSCE: “Short & Medium Span Bridges”	Montreal, PQ, Canada
August 29, 2006	Building Seismic Safety Council-Provisions Update Cmt. Meeting	Denver, Co
August 30, 2006	Building Seismic Safety Council – Code Resource Support Cmt. Mtg.	Denver, Co
September 13, 2006	NCSEA Board Meeting	Salt Lake City, UT
September 14-16, 2006	NCSEA Annual Conference	Marriott City Center, Salt Lake City, UT
September 13-17, 2006	SEAOC Annual Meeting	Long Beach, CA
September 20-30, 2006	ICC Code Change Hearing	Lake Buena Vista, FL
October 19-21, 2006	SEAoT State Conference	San Antonio, TX

See the Schedule of Events page at www.ncsea.com for further calendar postings.

SEAMT SUMMER NEWSLETTER

2005 Officers and
Directors

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matts@bcweb.com

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Alfred Hendrickson, PE
Derek Brown, PE

Visit our Website:
www.seamt.org

Editor
William Freese
wfreese@whittenborges.com



The overall objective of SEAMT is the advancement of the practice of structural engineering for the benefit of public safety and the structural engineering profession.

SEAMT is also established for the following purposes:

To be a forum for discussion of professional and technical issues of interest to structural engineers.

To promote good business relations and practices among structural engineers and related professionals.

To develop policies, guidelines, and standards for technical, professional, and business matters concerning the practice of structural engineering.

To participate with other organizations in the development of standards, codes, and other documents that affect the practice of structural engineering.

To work toward the development, promulgation, and enforcement of effective regulation of the practice of structural engineering.



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Presented in Bozeman, MT on June 1, 2006.

Register online at

www.aisc.org/2006seminars.

For more information on this seminar

and other AISC seminars, go to

www.aisc.org/seminars.