



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

President

Scott Soule – Core Engineering

scott.soule@core-engineering.net 386-9170

Vice-President

Heather Strong – RedBuilt

hstrong@redbuilt.com 364-1334

Treasurer

Wilson Antoniuk – RedBuilt

wantoniuk@redbuilt.com 395-2458

Secretary

Ash Hobbs – Power Engineers

ash.hobbs@powereng.com 288-6384

QBS Representative

Scott Soule – Core Engineering

scott.soule@core-engineering.net 386-9170

Past President

Kent Soelberg – CH2M Hill

Kent.soelberg@ch2m.com 383-6349

Building Code Chair

Mike Brown – Core Engineering

mike.brown@core-engineering.net 386-9170

INSIDE THIS ISSUE

| | |
|---|-----|
| Board & Committee Contact List | 1 |
| SEAI Meeting — April 15 th | 2 |
| Announcements | 3 |
| A Word from the SEAI Board | 3-5 |
| Event Calendar | 6 |
| Structural Engineering Links <i>(New Featured Link each month)</i> | 7 |

Program/Seminar Chair

Soren Jensen – RedBuilt

sjensen@redbuilt.com

Membership Chair

Ash Hobbs – Power Engineers

ash.hobbs@powereng.com 288-6384

Newsletter Editor

David Sansotta – Core Engineering

david.sansotta@core-engineering.net 386-9170

Website Editor

Tyler Haney - WHPacific

thaney@whpacific.com 342-5400

Technical & Education Chair

David Nelson – iLevel by Weyerhaeuser

david.nelson3@weyerhaeuser.com 364-3639

Directors

Bruce Hess – Hess Engineering

Bruce_hess@msn.com 841-8856

Sarah McClendon – McClendon Engineering

sarah@mcclendonengineering.com 342-2919

SEAI MEETING — APR 15TH — THURSDAY



Please RSVP to Soren Jensen at sjensen@redbuilt.com by noon the Monday before the meeting with your entrée selection. 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.**

Meeting Location:

Murphy's Seafood & Steakhouse
1555 Broadway Ave.
Boise, ID 83706
www.primedime.com

Food Entrées:

- 1) Chicken Caesar Salad
- 2) Whiskey Chicken
- 3) Beef Chop Burger
- 4) Chicken Stir-Fry w/ Noodles

Meeting Focus:

Helical Piers and Micro-Piles

Speaker:

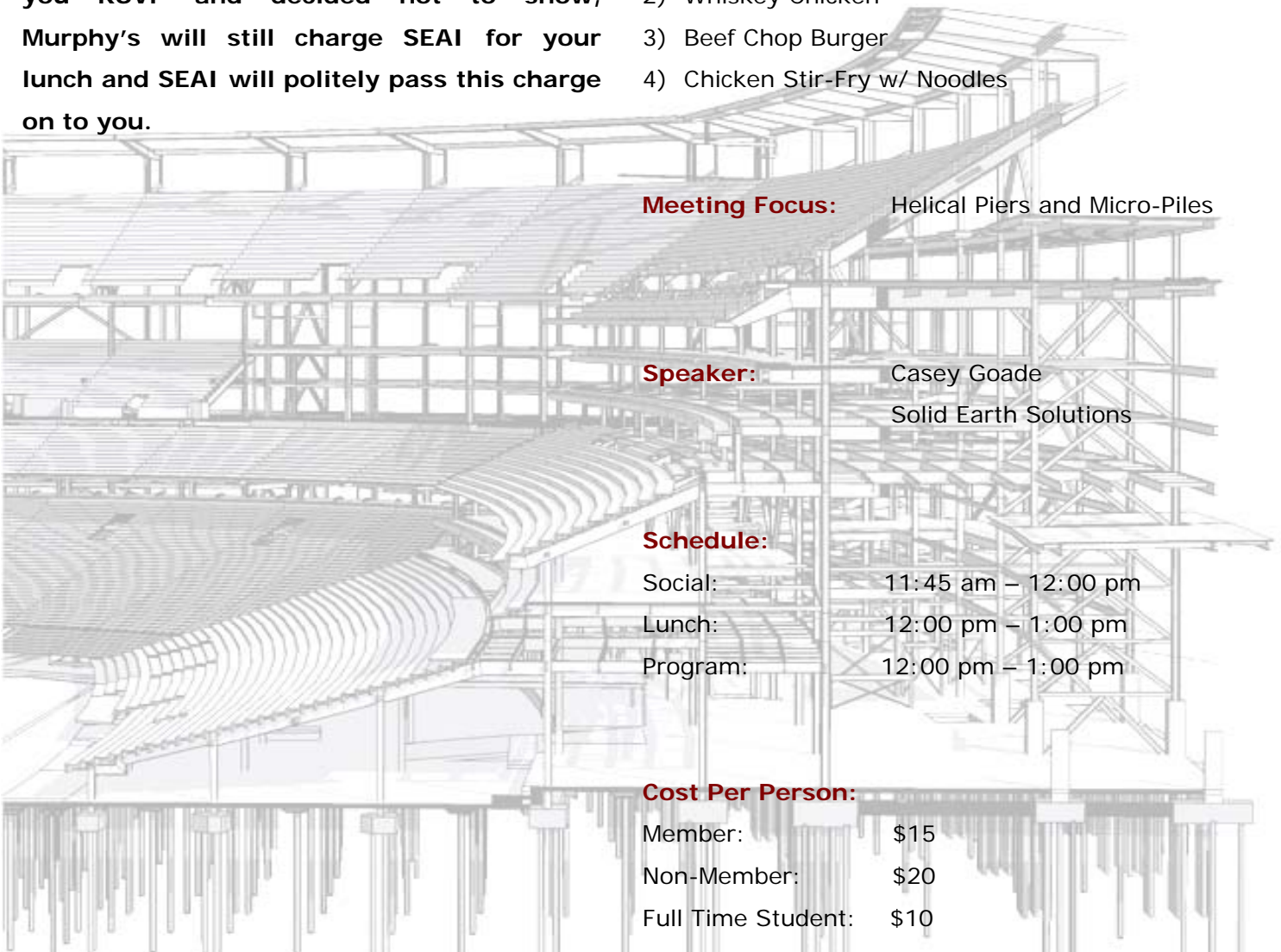
Casey Goade
Solid Earth Solutions

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 |



Announcements:

SEAI LUNCHEON PRESENTATION

Casey Goade, Solid Earth Solutions

Casey will be discussing helical pier and micro-pile design. His presentation will cover the use of these systems for pile foundations, underpinning, tiebacks, guy anchors, marine anchors, and more.

PROGRAM/SEMINAR CHAIR

We are in need of a new Program/Seminar Chair as Soren Jensen will be exiting this position. This job is crucial in regards to the success of our monthly luncheons; by acquiring good speakers with interesting and beneficial topics we will ensure that there will be continued interest and attendance from the SEAI membership. If you or anyone you know is, or might be, interested in this chair position, please contact any of the board members for more information.

ATC TRAINING: MAY 20TH

SEAI and the Idaho Bureau of Homeland Security are hosting ATC 20 training – Post Earthquake Safety Evaluations of Buildings. Training will be provided at no cost to attendees, and is open to engineers, architects, building officials, etc. Space is limited so make sure to RSVP early for both the SEAI luncheon and the ATC 20 Training.

For additional information please see the attached PDF flyer, or contact Sarah McClendon at sarah@McClendonEngineering.com or 208-342-2919.

A WORD FROM THE SEAI BOARD

By: Heather Strong, P.E., and SEAI Vice-President:

What does membership in SEAI mean to you? I am certain that it means many things to many people, but I want to take a minute to elaborate on what it means to me, and the vision that I have as a member of the organization. The following paragraph is taken directly from the SEAI By-Laws. Article II states that the purpose of SEAI is:

“To provide an active association for better acquaintance and understanding among engineers; to encourage practice with ethical standards; to promote the highest standards of structural engineering to the end that the best interest of the client, the community, the public, and the profession will be served, and to cooperate with other professional organizations.”

Let me start by addressing the first sentence, "...an active association for better acquaintance and understanding among engineers." I joined SEAI as an EIT somewhat fresh out of college, after moving to Idaho one year into my engineering career. For the past 3 years, I have served on the SEAI board and it has been a terrific experience. Every spring, it is time for nominations and elections for board members for the following year. It always seems to be like pulling teeth to get people to step up. Why would this be? Is it fear of the time commitment, lack of confidence, "not my style", etc.? Trust me; all of those thoughts have crossed my own mind at some point in time. As members of SEAI, it is our responsibility to actively participate. We do not all have to be board members, but becoming a member of the board was one of the ways that I felt would

help me to become a more active member. Being a member of SEAI has opened up many opportunities for me, such as getting to know other engineers, speaking publicly, staying up on current events and learning first hand about upcoming changes in the codes. In my opinion, getting to know other engineers in our area can only lead to more success and credibility in our industry. We cannot all be experts at everything we do, but it is good to know who to call upon when I need an expert on a given topic. Likewise, as I grow and learn, my knowledge and experience can be an asset to others. At last month's board meeting, we were asked whether we thought the board should "screen" items that were passed onto members. My answer to this was "no". It is one thing, if SEAI is going to officially endorse something to be placed on our website for the general public to see. Otherwise, if it is coming from one engineer to another, by all means let us communicate. Even if the item is not perfect in its form, at least it may spark discussion and enlighten each of us on something we otherwise would not have known.

"To encourage practice with ethical standards..." The more that we learn, the better decisions we will be able to make. Some of the worst decisions that I have made have been because I did not have all of the facts or I did not understand the implications of what I was doing. SEAI should be a community in which we can bounce ideas off each other or ask questions. Ultimately in tough situations, we all want to do the right thing, and sometimes we just need to get the input of others to see things more clearly. SEAI should be a place in which to do that. Communication between all of us can make certain that we uphold the engineering profession and put it in a trustworthy light.

"To promote the highest standards of structural engineering..." Rules and standards are continually changing in our profession. What better way to learn what is changing than through a professional organization? SEAI is a nimble organization with minimal bureaucracy. Each and every member has a voice that will definitely be heard. Each year the board asks for suggestions on meeting and seminar topics. I consider these meetings as my own personal training session. Each and every one of us has the power to make these meetings as informative as possible. If there is a subject or design issue that someone needs to be trained on, SEAI is a means to receive that training. It should not be overlooked that we have experts among ourselves. I would like to see members of our organization improve on the transfer of knowledge and expertise among one another. We all have had projects that have provided us with tremendous learning opportunities. It would be great to hear some of the frustrations and challenges that a fellow engineer has experienced through the course of a project and how they overcame the obstacles.

"...To cooperate with other professional organizations", there are many ways in which we can do this. Our organization has first hand representation in NCSEA, which we can all benefit from. Another way to exercise this principle is to get involved in supporting engineers of the future. I was very encouraged to be part of the board's decision to monetarily support the ASCE programs of our state universities last year.

In summary, I believe we all have something that we can contribute. We may not all be the gifted public speaker or the designer of the world's tallest building, but we DO have something to contribute. Something as small as taking five minutes to show a junior engineer how to design something, helping

someone find the tools they need, becoming a board member, committee member or organizing the next educational seminar. Each of these tasks can mean something significant to a fellow engineer. We have an opportunity to help each other be the best that we can and to make our profession the finest and most credible that it can be. I would challenge you to consider what you can do to make that a reality.

LET YOUR MEMBERSHIP WORK FOR YOU!

We are looking for more speakers for our SEAI luncheon meetings. 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 and ideas to Soren Jensen at sjensen@redbuilt.com.

WISH TO PLACE AN AD IN THE NEWSLETTER?

If so, please contact our Treasurer, Wilson Antoniuk, at wantoniuk@redbuilt.com or at 395-2458.

Monthly Rates for Advertising

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

10% discount for ads running multiple months

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@core-engineering.net

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@mcclendonengineering.com

**EVENT CALENDAR**

- Apr. 15, 2010** Casey Goade, Solid Earth Solutions
May 20, 2010 Robert Bruce, Building Collapse, Haiti Earthquake

PAST EVENTS

- Mar. 18, 2010** Brad Moyes, NCSEA
Feb. 18, 2010 Bob Warner, Cold Formed Steel Truss Design & Mfr.
Jan. 21, 2010 Dave Jackson, Seismic Retrofits
Nov. 19, 2009 Sarah McClendon, SEA Conferences
Oct. 15, 2009 Tony Peterson, PNA Construction Technologies
Sept. 17, 2009 Joel Levenberg, Structural Group – Strengthening Div.
May 21, 2009 Larry Boyer, Vulcraft, Steel Joists
Apr. 16, 2009 Eric Pugmire, Simpson Strong-Tie, New Products
Mar. 19, 2009 Michael Mulnix, Hardy Frames, New Products

JOIN US FOR OUR
**FAMOUS
 2-FOR-1
 HAPPY HOUR!**

*Sunday–Friday: 4–7pm
 Saturday: Noon–7pm*

Featuring Drafts
 and House Wine
 & Well Drinks
 Plus 2-for-1 Appetizers

MURPHY'S
 SEAFOOD & STEAKHOUSE

STRUCTURAL ENGINEERING LINKS

FEATURED LINK: *Tracking Down Rust*
<http://www.physorg.com/news189695036.html>

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.seaidaho.org>

Design Load Guidelines – <http://www.idabo.org/loads.htm>

