



Structural Engineers Association of Alaska (SEAAK)

PO Box 201652
Anchorage, AK 99520

Structural Design of Masonry

A SEAAK Seminar Presented by
Phillip Samblanet and Russell Brown of The Masonry Society (TMS)

Anchorage (October 12, 2011), and Fairbanks (October 14, 2011)

Russell H. Brown, Ph.D., P.E., HTMS is Professor Emeritus, Civil Engineering at Clemson University. He is the past chairman of the Masonry Standards Joint Committee Subcommittee, Flexural and Axial Loads. He is a Founding Member and Honorary Member of The Masonry Society, and currently serves as the Society's Vice President. Dr. Brown has written many papers on behavior and design of masonry structures and components, and several of the current code provisions are based on his research. He has conducted over 150 seminars on masonry design codes, the *Masonry Designers' Guide*, masonry design software, and other masonry-related topics.

Phillip J. Samblanet, P.E. is the Executive Director of The Masonry Society and a structural designer and inspector by training. He has extensive background in masonry design, construction, and inspection. Mr. Samblanet serves on the ICC/TMS Structural Masonry Special Inspector's Examination Committee, and as member of the Masonry Standards Joint Committee, he served as secretary for the Task Group to develop the first set of inspection requirements for these standards. He is a corresponding member of the Seismic Subcommittee for ASCE 7. He has presented seminars on a variety of masonry topics throughout the United States.

Topics:

1. Computing modulus of elasticity, section modulus, etc.
2. Reinforced masonry
3. ASD design
4. LRFD design
5. Beam Design
6. Out-of-plane behavior of tall walls
7. Shear Wall Seismic Design
8. Anchor Bolt Design
9. Lap Splice Requirements
10. Masonry veneer
11. Prism strength, grout strength, unit strength
12. Quality control, including special inspection

Lunch and snacks are included.

What to bring: IBC 2009 and the 2008 version of TMS402/ACI530/ASCE5, paper and pen.

Discount books are available: The seminar will be based on the 2008 edition of TMS402 (also known as ACI530 and ASCE5). The seminar will refer to this publication frequently. They are \$100 at The Masonry Society's bookstore, or \$85 if you order through us by September 16.

Join us for this seminar, never before offered in Alaska!



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SEAAK Structural Masonry Design Seminar Registration Form

Choose a date and location:

- Anchorage** October 12, 2011, 8:30 AM – 5:00 PM
BP Energy Center, 1005 East 35th Avenue
(one block south of BP Headquarters, doors open at 8:00)
Registration Deadline: October 5, 2011
- Fairbanks** October 14, 2011, 8:30 AM – 5:00 PM
Fairbanks Princess Riverside Lodge
4477 Pikes Landing Road (doors open at 8:00)
Registration Deadline: October 7, 2011

Names and e-mail addresses of registrants

(attach other pages as necessary)

Seminar Cost:

Cost per person = \$320 x _____ # of attendees = _____

Pre-career university students only: Cost per student = \$120 x _____ # of students = _____

Before September 16 only: Would you like to purchase a copy of TMS402-08 (Also known as ACI 530-08 and ASCE 5-08) at a 15% discount? If so, please add \$85 x _____ # of books = _____

Subtotal: = _____

Discounts:

Members of SEAAK
\$30 x _____ # of members = _____

Early registration (mailed by September 16)
\$20 x _____ # of attendees = _____

Total Discounts: = _____

Total: \$ _____

Mail this registration form with check payable to Structural Engineers Association of Alaska, PO Box 201652, Anchorage, AK 99520.