

# DESIGN OF MASONRY STRUCTURES SEMINAR

Presented by:

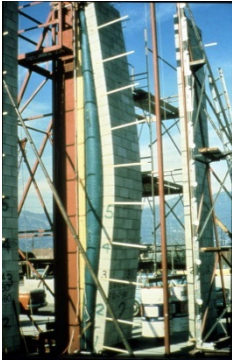


In Cooperation with:



## A Practical Seminar for Practicing Designers

May 5, 2015, Dayton, Ohio  
May 6, 2015, Cleveland, Ohio



The Masonry Society (TMS) in cooperation with the Structural Engineers Association of Ohio will present practical Structural Masonry Design seminars on Tuesday, May 5, 2015 near Dayton Ohio and on Wednesday, May 6, 2015 near Cleveland, Ohio. These half-day seminars are for Engineers, Architects, Specifiers, Public Agencies, and anyone else involved in the design and

specification of masonry structures. Attendees will learn about updates to the 2013 edition of *Building Code Requirements and Specification for Masonry Structures* (TMS 402/ACI 530/ASCE 5 and TMS 602/ACI 530.1/ASCE 6), as well as the 2015 International Building Code. Practical Strength Design Examples will be reviewed, and comparisons to designs using earlier Codes will also be presented. **Review this flyer for details on these important seminars!**

### Seminar Description Design of Masonry Structures

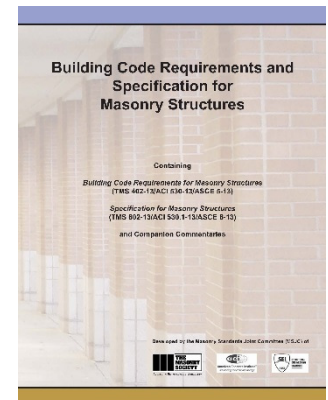
During these practical half day seminars (8 am – Noon), the instructors will overview new code requirements for masonry, while reviewing several Reinforced Masonry design examples using the Strength Design Method. The seminar will begin with a brief introduction to masonry, and specifically reinforced masonry. A short overview of the 2013 Masonry Standards Joint Committee's (MSJC) Building Code Requirements for Masonry Structures (TMS 402/ACI 530/ASCE 5) will be given because this standard serves as the primary reference in the International Building Code (IBC) for the design and construction of masonry buildings. The majority of the seminar will be dedicated to reviewing several practical design examples of typical reinforced masonry elements using the Strength Design Method including a bearing walls subjected to out-of-plane loads and shear walls with in-plane loads. Comparisons to designs by previous codes will be noted, to highlight major changes in the Codes.

Although the primary emphasis will be design of reinforced masonry by Strength Design Methods, the instructors will review changes to key portions of the Code as related to Allowable Stress Design, Quality Assurance, Inspection, and Veneer, while introducing new provisions for Masonry Partition Walls and Limit Design.

### Seminar Handouts

Attendees will receive a comprehensive set of Audience Notes that contain the printed PowerPoint presentation and practical Design Examples that will be reviewed during the seminar.

The 2013 Edition of *Building Code Requirements and Specification for Masonry Structures* (TMS 402/ACI 530/ASCE 5 and TMS 602/ACI 530.1/ASCE 6), which is referenced by the 2015 IBC for the design and construction of structural masonry, serves as the primary basis for this seminar. As such, attendees may wish to bring a copy with them. TMS is also offering the 2013 *Building Code Requirements and Specification for Masonry Structures* for pickup at the seminar for a special price of \$99. This saves attendees \$25 off the list price of \$124 and it avoids shipping and handling fees. Copies must be ordered at the time of registration and they will be given to those who ordered them at the beginning of the seminar.



### Certificates of Attendance/Continuing Education

The Masonry Society will offer certificates of attendance to attendees staying for the entire seminar which can be used for continuing education credits. Certificates will be emailed to attendees after the seminar and will be for 3½ hours of education.

### Seminar Costs

The cost per attendee is:

- Early Registration Discount Rate - \$250 per person (\$180 for TMS Members) registering before April 15, 2015.
- Regular Registration Rate - \$300 per person (\$225 for TMS Members) registering after April 15, 2015.
- Full time students - \$100 (requires proof of student status).
- Discounts available for 5 or more employees from one company (contact the TMS Office for details).

Registration fees include the Audience Notes and a continental breakfast.

## Seminar Location

This seminar will be held at the following locations:

May 5: **Quality Inn & Suites Miamisburg**  
250 Byers Rd, Miamisburg, OH 45342  
937-865-0077

May 6: **Residence Inn, Middleburgh Heights**  
17525 Roxbough Drive, Middleburgh Heights, OH  
440-234-6688

## For More Information

If you have questions about this seminar or other activities of the Society, contact TMS at:

- 303-939-9700
- [info@masonrysociety.org](mailto:info@masonrysociety.org).

## Seminar Instructors



**Richard Bennett, PhD, PE** is a Professor of Civil and Environmental Engineering at the University of Tennessee. He is an Associate Editor of The Masonry Society Journal and a Fellow of The Masonry Society. He is a member of ASTM C12 on Mortars and Grouts for Unit Masonry, and ASTM C15 on Manufactured Masonry Units. Dr. Bennett has been very active in the Masonry Standards Joint Committee. He has chaired the Flexural, Axial Loads, and Shear subcommittee, was the Vice-Chair of the Main Committee for the 2013 Code, and is the chair of the 2016 TMS 402/602 Committee.



**Phillip J. Samblanet, P.E.** is the Executive Director of The Masonry Society and a structural designer. He has extensive background in masonry design, construction, and inspection. As a member of the Masonry Standards Joint Committee (MSJC), he served on several subcommittees, and he was secretary for the MSJC Task Group to develop the first set of inspection requirements for these standards. He serves on the ICC/TMS Committee on Structural Masonry Special Inspection and a number of other Committees.

## **Register by using this form (Please type or print neatly). Fax, email, or mail to The Masonry Society (see below)**

Name: \_\_\_\_\_  
Institution/Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
City/State/Postal Code: \_\_\_\_\_

Badge Name: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_  
Email+: \_\_\_\_\_

+Registration cannot be processed without a valid email address

### **Registration** \$ \_\_\_\_\_

\$250 per person (or \$180 for TMS Members) before April 15, 2015. Registrations received after April 15, 2015 are \$300 per person (or \$225 for TMS Members).

\* Full time students may attend for \$100 (Requires proof of Student Status).

### **Publications – Order for Pick-up!** \$ \_\_\_\_\_

TMS is offering the 2013 Building Code Requirements and Specification for Masonry Structures (TMS 402/ACI 530/ASCE 5) which retails at \$124 for \$99. Copies must be ordered at the time of registration and copies will be given to attendees at the seminar.

Total \$ \_\_\_\_\_

### **Payment**

Invoice me (TMS Members only)  
Check enclosed (payable to The Masonry Society)  
Charge: AmEx, Discover, MasterCard or VISA  
(Please circle one)

Account No. \_\_\_\_\_

Expiration Date: \_\_\_\_\_ Security Code: \_\_\_\_\_

Name on Card: \_\_\_\_\_

Billing Address (if different from above): \_\_\_\_\_

Signature \_\_\_\_\_

Cancellation requests must be submitted via e-mail to [tmsmeetings@masonrysociety.org](mailto:tmsmeetings@masonrysociety.org) or by calling the TMS office at 303-939-9700. Cancellation requests will be accepted without penalty up to 10 business days prior to the event. Cancellation requests received between 3 and 10 business days prior to the event will be refunded in full less a \$75 administrative fee AND no publications will be sent. No refunds will be given for cancellations received 3 days prior to the event or for “no shows”. Publications and handouts will be sent upon request.

TMS retains the right to cancel the seminar up to, but not later, than 2 weeks prior to the seminar. The seminar may be cancelled for any reason, including, but not limited to, inadequate registration, damage or destruction of the meeting locale, or illness of speakers. In the event the seminar is cancelled, registration fees will be returned.



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