

Practical Design and Detailing Techniques for Reinforced Concrete

February 8, 2012



This full-day seminar will be led by David Fanella and Neal Anderson. It will cover basic design techniques for sizing and determining reinforcement for conventionally reinforced concrete members based on the latest ACI code provisions. Simplified design methods will be presented for beams, one-way slabs, two-way slabs, columns, walls and footings. Design aids will be presented that can be used to streamline the design and detailing process. Also included will be a discussion on how to choose an economical floor system for various load and span conditions.

David A. Fanella, Ph.D., S.E., P.E., F.ASCE, is Associate Principal and Director of New Structures at Klein and Hoffman Inc., Chicago, IL. Dr. Fanella holds a Ph.D. in structural engineering from the University of Illinois at Chicago and is a licensed Structural Engineer in the State of Illinois and a licensed Professional Engineer in numerous states. He is currently President of the Structural Engineers Association of Illinois. Dr. Fanella is an active member of a number of American Concrete Institute (ACI) Committees, is an Associate Member of the ASCE 7 Committee, and serves on the board of the Applied Technology Council. He has authored or co-authored many structural publications, including a series of articles on time-saving methods for reinforced concrete design.

Neal S. Anderson, S.E., P.E., is Vice President of Engineering at CRSI (Concrete Reinforcing Steel Institute). He received his BS and MS in Civil Engineering from Purdue University. He is a licensed SE in two states and PE in four states. Mr. Anderson joined CRSI in early 2008, with responsibilities for the technical engineering operations of the Institute. Mr. Anderson's 21 years of experience with Wiss, Janney, Elstner Associates, Inc. included work on a variety of structural and materials evaluations, bridge superstructure and deck repair projects, and assignments including structural building frames, building facades, plazas, slabs-on-grade, historic steel construction, and parking decks. Mr. Anderson has served on the investigation team for several structural collapses. He has experience in the evaluation and repair of steel structures, with particular emphasis on riveted steel repair. He also has managed projects on the condition assessment and rehabilitation of historic concrete and steel bridges, and several major stadium structures.

The seminar will provide 7.5 hours of continuing education credit. Advance reservations are required – please see instructions below. If you have questions on the seminar, please contact Elizabeth O'Connor at 312-726-4165 x301.

Registration Form

**Concrete Design
February 8, 2012
8am – 5pm**

Continental breakfast, lunch included

MAIL FORM AND PAYMENT TO:

SEAOI
134 N. LaSalle Street, Ste. 1910
Chicago, IL 60602

Or fax your registration form to the
SEAOI office at 312.726.4166

Registration Deadline: Feb. 2

Late Registration: Feb 3-7

Cancellation Fee by Feb. 2: \$50

No Refunds after Feb. 2

Name	E-Mail Address	Daytime Phone
Company Name		Cell Phone
Address		Yes No
City / State / Zip		SEAOI Member?
<input type="checkbox"/> Charge to Credit Card	<input type="checkbox"/> Check Enclosed (payable to SEAOI)	Available via
Card No.	Expiration Date	Amount Enclosed
Signature		Box for Web
		Access: <input type="checkbox"/>

Seminar Location:

UBS Tower, 1 N. Wacker
Chicago, IL 60606
Michigan I Room

Seminar Fee:

SEAOI Members:
Non-Members:

By Feb. 2

\$300
\$400

After Feb. 2

\$375
\$475