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AIA/EIC eastwords

NEWSLETTER OF THE EASTERN ILLINOIS CHAPTER

November 2009
Issue 9/09
www.aiaeic.org

President's Message

by Philip A. Radloff, AIA

The annual dinner is scheduled for December 6, 2009 at the Flossmoor Country Club. Cocktails and Hors d'Oeuvres will be at 5:00, dinner at 6:00 (make your selection on the returned reservation card), followed by presentations to the board and newly elected officers at 7:00 and a presentation from Senator Crotty at 7:30.

Below and on the following page you will find a bio of our Annual Dinner guest speaker, Senator Crotty, and her extensive background. We hope you will join us for this special evening.

Don't forget that this month's regular meeting will be on November 18 - earlier in the month than usual due to Thanksgiving the next week. I will see you then.

*Philip A. Radloff, AIA
EIC President*

MAGGIE CROTTY was elected to the Illinois Senate in 2002 and re-elected in 2006. She is no stranger to the fast-paced legislative process of Illinois, having served three terms as a State Representative, after first being elected in 1996. Senator Crotty's committee appointments reflect her legislative agenda, which focuses on healthcare issues and education. In the 96th General Assembly she serves as the Chairman of the Senate Committee on Elections and the Vice-Chairman of the Senate Committee on Local Government.

Prior to joining the General Assembly, Crotty worked as a Development Coordinator for Infinite Southwest, and for the Southwest Cook County Cooperative for Special Education. ... continued on next page



*Save the date
and watch the
mail for your
invitation to our*

**2009
Annual Dinner
to be held on
Sunday, December 6, 2009
at the
Flossmoor County Club.**

NOVEMBER 18 CHAPTER MEETING

Program:

**Brick Revisited:
Just How Green Is It?**

Presenter:

Leroy Danforth

Sponsor:

Brick Industry Association

See pages 4 & 5 for details.

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Senator Maggie Crotty

by Philip A. Radloff, AIA ...continued from page 1

COMMITTEE APPOINTMENTS:

- ♦ Chairperson, Elections
- ♦ Vice Chair, Local Government
- ♦ Co-Chair, Joint Committee on Administrative Rules
- ♦ Member, Higher Education
- ♦ Member, Labor
- ♦ Member, Revenue
- ♦ Joint Commission on Government Reform

PUBLIC SERVICE:

- ♦ IL State Senate for the 19th District (Jan. 2003 - Present)
- ♦ IL State Representative for the 35th District (1997 - 2002)
- ♦ Bremen Township Supervisor (May 2005 - Present)
- ♦ South Suburban College History Round Table Advisory Board (current member)
- ♦ Past President, District #228 Educational Foundation (current member)
- ♦ District #228 Strategic Planning Committee (current)
- ♦ President of School Board District #145, 1986 - 1993
- ♦ Member of School Board District #145, 1978 - 1993

PROFESSIONAL/COMMUNITY AFFILIATIONS:

- ♦ Past President, Kiwanis Club of Oak Forest, 1994 - 1996
- ♦ Crestwood Kiwanis Club (past)
- ♦ President, Oak Forest High Football Booster Club, 1988- 94
- ♦ Chairman, Oak Forest Lights Committee - 1994
- ♦ Member, Oak Forest Civil Service Commission, 1988 - 92
- ♦ Member, Oak Forest Chamber of Commerce (current member)
- ♦ Member, Tinley Park Chamber of Commerce (current member)
- ♦ Member, Orland Park Chamber of Commerce (current member)
- ♦ Member, Matteson Area Chamber of Commerce

- ♦ Member, Chicago Southland Chamber of Commerce
- ♦ Together We Cope Board
- ♦ United Way of Southwest Cook County Advisory Board
- ♦ South Suburban Crisis Center (honorary member)
- ♦ Metropolitan Services Community Advisory Board

AWARDS AND HONORS:

- ♦ Illinois Nurses Assn. PAC 2009 Legislator of the Year
- ♦ Illinois Farm Bureau Mid-term "Friend of Agriculture" 2008
- ♦ South Suburban Council of Alcohol & Substance Abuse 2008 Council Award
- ♦ IL Nurses Association Legislator of the Year 2008
- ♦ South Star Services "Star Legislator" Award 2008
- ♦ Northern IL Fire Protection District Legislator of 2008
- ♦ Respiratory Health Assn. of Metropolitan Chicago Lung Health Champion Award 2008
- ♦ Illinois Nurses Association RC-23 Legislator of the Year 2007
- ♦ Township Officials of Illinois Good Friend Award 2007
- ♦ Prairie-Hills School District #144 Academic Advocacy Award 06-07
- ♦ 2006 Associated Fire Fighters of Illinois Glenn Walters Legislator of the Year Award
- ♦ Illinois Farm Bureau "Friend of Agriculture" 2006 Award
- ♦ Illinois Home Care Council Legislator of the Year 2006
- ♦ Illinois Optometric Association Legislator of the Year Award '06
- ♦ Independent Voters of Illinois-Independent Precinct Org. 2006 Best Legislative Voting Record
- ♦ Chicago Southland Convention & Visitors Bureau 2005 Aldo DeAngelis Leadership Award
- ♦ Will County Farm Bureau Top Agricultural Support Award '05

- ♦ Illinois Respiratory Care Practitioners Legislature Award '05
- ♦ Illinois Home Care Council's Legislator of the Year 2005
- ♦ Legislator of the Year - 2003 - Illinois Community Action Assn
- ♦ Certificate of Recognition - IL Alliance Administrators for Special Education - 2003
- ♦ Outstanding Service Award - Metropolitan Family Services Southwest - 2002
- ♦ Legislator of the Year - 2001 - Suburban Area Agency on Aging
- ♦ Legislator of the Year - 2000 - Illinois Assn of Park Districts
- ♦ Legislator of the Year - 2000 - IL Assn of School Social Workers
- ♦ General Excellence Award - IL State Crime Commission - 2000
- ♦ Friend of Education, 2000 IL Principal's Assn - South Cook
- ♦ Leadership Award from Illinois High School District Assn -1999
- ♦ Distinguished Service Award - South Suburban Parks & Rec Professional Association - 1998
- ♦ Friend of Taxpayers - National Taxpayers United of IL - 1999
- ♦ Cert. of Appreciation - 1999 Southside Health Consortium
- ♦ Starfish Award - Bremen Township Youth Services - 1999
- ♦ Outstanding Freshman Legislator of the Year for the IL Health Care Assn - 1997
- ♦ Community Builders Award - Masons Lodge No. 832, Oak Forest - 1997
- ♦ Certificate of Recognition - IL Assn of Park Districts - 1997
- ♦ Layperson of the Year, Kiwanis International of Illinois and Eastern Iowa - 1995
- ♦ Women of Oak Forest Make a Difference, Award - 1995
- ♦ Outstanding School Board Pres. of IL, Nominee - 1991
- ♦ Theresa Roedl Memorial Award for Volunteerism - 1988

Chapter Corner

AIA / Eastern Illinois Chapter



The Eastern Illinois Chapter AIA is holding the election for 2010 officers and directors at the chapter meeting on November 18, 2009. Below is the current list of candidates. If you would like to be added to the ballot, or need information on absentee voting, please contact Edvin Mertdogan, AIA at (815) 806-0146 x13 or emertdogan@yahoo.com.

2010 OFFICERS & BOARD MEMBER NOMINEES

TERM

President	Edvin Mertdogan, AIA	2010
First VP / President Elect	James Maciejewski, AIA	2010
Secretary	_____	2010
Treasurer	Steven M. Reardon, AIA	2010
Directors	Robert G. Bohlmann, AIA	2010/2011
	Ed Lugowski, AIA	2010/2011
	George Cary, AIA	2010
	Lawrence Mahoney, Affiliate AIA	2010
	Michael York, Assoc. AIA	2010
Past President	Philip A. Radloff, AIA	2010
Illinois Council Delegate	John F. Benware, Jr., AIA	2008/2010
Alternate Delegate	Robert G. Bohlmann, AIA	2010

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"Eastwords" is the monthly publication of the American Institute of Architects/Eastern Illinois Chapter. Opinions expressed are those of the particular author and not necessarily those of AIA/EIC. Submit articles to the Editor, Roxanne Paukner, at sfto1@aol.com. For information on advertising, contact Phil Radloff, AIA at (815) 806-0146 or p.radloff@rjaarchitects.com

Rear View Mirror

REAR VIEW MIRROR

a review of the October 2009 chapter meeting
by Edvin Mertdogan, AIA, Vice-President AIA/EIC

SUSTAINABLE DESIGN USING PRECAST/PRESTRESSED CONCRETE

Presenter: Marty McIntyre, CAE from the Precast / Prestressed Concrete Institute (PCI) of Illinois & Wisconsin

Our last chapter meeting featured Marty McIntyre as main presenter and dinner host, representing the Precast / Prestressed Concrete Institute (PCI) of Illinois & Wisconsin. Of the many precast manufacturers she represents, there are a few nearby manufacturers including Calumet Flexicore, Lombard Architectural Precast Products Co., and Spancrete of Illinois Inc.

Phil Radloff started the October meeting by informing the group that our 2010 elections are coming up, and the slate is almost complete. However, we are still looking for an AIA member to glide into the Secretary position, primarily to document the meeting minutes. (Please contact Edvin for more information).

Robert Bohlmann again highlighted the upcoming AIA Illinois conference on November 5th in

Bloomington-Normal. He indicated that this would be a good opportunity to catch-up on your Continuing Education seminars all in one place.

The meeting then moved on to the featured presentation...

One way precast can be incorporated into sustainable design strategies to achieve LEED credits is by downcycling. Downcycling involves processing used materials into new products, or the reuse of a product with reduced functionality for alternative purposes. This is done to prevent waste of potentially useful materials, reduce the consumption of fresh raw materials, reduce energy usage, reduce air pollution (from incineration) and water pollution (from landfilling) by reducing the need for "conventional" waste disposal, and lower greenhouse gas emissions as compared to production from virgin materials.

One example of downcycling is the 1996 Atlanta Olympic Stadium, which was designed and built in a way that facilitated its later conversion to a baseball stadium. During the Olympics, it was used to host track and field events and the closing ceremony. After the Olympics and Paralympics, it was reconstructed in 1997 into the Turner Field baseball stadium. Leftover parts were reused at local high schools.



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Rear View Mirror

...continued

An advantage of precast is its installation efficiency; using pre-assembled modular sections of prison cells and dormitory barracks, partially complete rooms (boxes) can simply be stacked and assembled on site.

As a building material, there are many ways that precast can contribute to sustainable structures, including the following:

- ♦ **Energy and thermal mass:** Balance increased product first cost with long term energy savings.
- ♦ **Resource efficiency:** Reuse the existing finished surfaces as an exposed interior wall or setting the precast structure back from the exterior wall to create an interior perimeter corridor.
- ♦ **Durability:** Plan for future flexibility by anticipating a change in the original usage; design for disaster resistance from tornado, earthquake, fire, and blast.
- ♦ **Heat island:** Reduce absorption of heat by using reflective materials in the concrete mix, or adding green vegetation roofs.

- ♦ **Minimize site disruption:** Easier to work with ready-made parts on a tight site. There is also reduced construction debris and workers crowding the job site.
- ♦ **Indoor air quality:** Creates a natural building envelope, and achieves total enclosure during construction.
- ♦ **Material consumption:** Uses local materials and possible replacement materials such as fly ash.
- ♦ **Acoustics:** Consult with an acoustics professional, because different frequencies will perform differently (conversation will be blocked, but impact sounds will transmit sound).
- ♦ **Life cycle balance:** Reference the Institute's user-friendly data which will be posted online.
- ♦ **Light efficiency:** Utilize daylighting with precast light shelves.

In the future: The University of Wisconsin Madison campus is experimenting with nano technology to minimize cement usage. Similarly in Europe, carbon dioxide-eating mechanisms are incor-



porated into the mix for self-cleaning surfaces. Already, this new science of the small has brought to market self-cleaning windows, smog-eating concrete and toxin-sniffing nanosensors. To see some prime examples, view some video clip case studies of Judson College, Kettle Foods, and the Blue Cross Blue Shield headquarters at the official website www.pci-iw.org.

Remember to involve a Precaster early in your project to help provide valuable input on available technologies and applications.

We look forward to future presentations on innovations with Precast Concrete. If this doesn't answer all your questions that you didn't even know you had, feel free to contact Marty McIntyre at martymci@pci-iw.org or call (708) 386-3715. Please visit their website at www.pci-iw.org.

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Upcoming Meeting ♦ Wednesday, November 18, 2009

Brick Revisited: Just How Green is It? - 1.0 continuing education LU/HSW/SD


Presenter: Leroy Danforth, Brick Industry Association, Architectural Outreach Manager
(703) 620-0010 www.GoBrick.com

Leroy Danforth is an Architectural Outreach Manager in the Midwest/Northeast region for the Brick Industry Association, primarily responsible for providing architects, engineers, builders and other construction industry professionals with technical assistance and educational programs on brick construction. He received a BS in Architectural Engineering from North Carolina Agricultural and Technical State University and a Masters degree in Construction Engineering from the Catholic University of America. Prior to joining the BIA staff in 1999, he was employed in precast concrete manufacturing, drafting production drawings and supervising post-production quality control.

Program: ***Brick Revisited: Just how green is it?***, 1.0 continuing education LU/HSW/SD (sustainable design)
What are the environmental advantages of brick? How does the material fit within the LEED rating system and how many credits can brick help attain? The presentation will include discussion about brick manufacturing (including embodied energy), life cycle assessment, and performance aspects of brick masonry. Also included will be discussions on what LEED is missing and other features brick can provide to sustainable buildings. You can expect to learn more about the following areas:

- Incorporating brick into a building to assist in awarding credits from the LEED building rating system
- Sustainable design and green buildings
- Characteristics of high performance design and how they are applied to buildings
- LEED rating system

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Upcoming Meeting

...continued from previous page

Sponsor: Brick Industry Association: Please visit their website at www.GoBrick.com or call (703) 620-0010
The Brick Industry Association (BIA) is the national trade association representing distributors and manufacturers of clay brick and suppliers of related products and services. BIA's primary mission is to increase the market share of clay brick and safeguard the industry. Since its founding in 1934, the association has been the nationally recognized authority on clay brick construction and represents the industry in all model building code forums and national standards committees. BIA is involved in a broad range of activities that appeal to architects, builders, community officials, and consumers, including Technical Notes on Brick Construction, Brick in Architecture, Brick In Home Building, Builder Notes, national awards competitions, educational seminars, and numerous other programs. BIA also advocates the industry at the federal, state, and local level with its environmental, health, and safety work as well as educational programs for local municipal and planning officials. Along with the national headquarters, BIA is comprised of regional associations that manage programs in the Midwest/Northeast, Southeast, and Southwest.

Location: Tinley Park Holiday Inn Hotel and Convention Center
18501 Harlem Ave (I-80 & Harlem Ave/Rt. 43)

Time: 5:00 Board of Directors Meeting
6:00 Libation / Conversation / Open Bar / Sponsor product display
7:00 Dinner with announcements & a word from our sponsor
8:00 Main Program Presentation

Cost: \$30.00 / AIA/EIC Member \$35.00 / non- member

Menu: French Onion Soup & Citrus Salad with Raspberry Dressing
Split Cornish Hen with Orange Glaze*
Wild Rice Blend and Seasonal Vegetables
Dinner Rolls, Chef's Special Dessert
Coffee, Decaf, & Tea

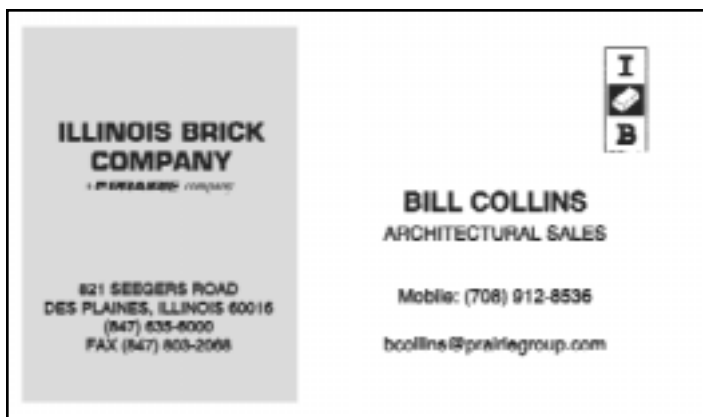
**Vegetarian (pasta) substitutes are available upon request.
Please indicate your request for a vegetarian meal when making your reservation.*

Reservations by:
noon
Thursday
November 12th

Contact call list member
or Edvin Mertdogan, AIA
AIA/EIC Vice-President
and Program Coordinator

Ph: (815) 806-0146 x13
Fax: 815-806-0149
emertdogan@yahoo.com

Payment required if cancellation
after Monday noon.




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AIA/EIC - UPCOMING EVENTS

- Nov. 18** Regular Board & Chapter Meeting,
2010 Board Elections
Note - one week early!
Brick revisited: Just how green is it?
Leroy Danforth, 1.0 LU
Brick Industry Association
- Dec. 6** Annual Dinner
(Formal invitations to be mailed)
- Jan. 27** Regular Board & Chapter Meeting
Fire-Resistant Ceiling and Wall
Assemblies Using Gypsum Board
Products 1.0 LU
Special Dinner Presentation /
Product Highlight: Green Glue
Noise-Proofing Products
Julie Montrose &
Rich Farrell, CertainTeed